

Collector & Emitter

Central Oklahoma Radio
Amateurs, Inc. Publication

March 1999
Volume 25, Number 3
Issue 289
50¢

Postmaster See Page 2
For Postal Information

Periodical Mail

Amateur Radio & The Internet

FCC Takes Enforcement Actions

FCC a Coordinator?



May, 1963

Texas PRB-1?

Notice For All OK Hams

Dx'ers Investigated

Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio
Amateurs, Inc.****President: Harold Miller, KB1ZQ****V Pres.: Tom Webb, WA9AFM****Secretary: Forrest Rush, N5VWF****Treasurer: Perry Jenkins, N5PJ****Web Page -****www.geocities.com/heartland/7332**

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:

99/12 1 2 4 6 MZ
JOHN E. DOE, KA5ABC
1234 SW 56th STREET
RADIOVILLE, OK 74321-9876

The "99/12" 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.

March 1999**VOL. 25, No 3, Issue 289****Collector and Emitter
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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 Month, Dinner, 3rd Saturday Pres.: Steve Kuper, KC5RYT 722-5789 VP: Curtis Foote, KC5GEP 359-6514 Sec: David Hartman, KC5UNO 210-5949 Treas.: Gary Carson, KD5CPL 751-0006 Editor: Curtis Foote, KC5GEP 359-6514 E-mail: kc5orp@juno.com
2. Oklahoma Central VHF ARC Meets: 1130L, 2nd Wednesday, Home Town Buffet, 3900 NW 63 rd , Oklahoma City Pres.: Bill Noland, WA5FWD 354-5018 VP: Bob Ashby, W5HXL 942-5375 Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI 842-3055 Editor:	14. Cimmaron Amateur Radio Assn. Meets: 1930L, 1st Thursday, WX5Y Playhouse 827 S. 13th, Fairview Pres.: John Medley, NSWVU 580-227-3534 VP: Kenneth Monahan, KB5SOM 580-227-3064 Sec: Dennis Painton, WK5V 580-764-3599 Treas.: Nadine Painton, N5FMH 580-764-3599 Editor: Kenneth Monahan, KB5SOM
4. Oklahoma City Autopatch Assn. Meets: 1930L, 3rd Tuesday, Salvation Army Bldg NW 50 th and Penn, OKC (Back Door) Pres.: Glynn Massey, N5WNL 631-2731 VP: Kieth Baker, KI5XA 392-5402 Sec: Forrest Rush, N5VWF 842-8486 Treas.: D. C. Macdonald, K2GKK 672-4947 E-mail: ocapa@juno.com	15. South Canadian ARS Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Dennis McCarthy, KC5EVH 447-2012 VP: Steve Pierce, W5BIV 329-7978 Sec/Tr.: Jeff Wyke, KE5EB 329-6762
6. Altus Area Amateur Radio Assn. Meets: 1900L 2nd Thursday, Southwest Area Vo-Tech Center, 711 W Tamarack Altus, OK Pres.: James Molledahl, AB5FS VP: George Mateyko, N1GM 580-266-3357 Sec: Ron Roman, KD5CYW 580-482-8446 Treas.: Fred Cramer, KC5SRJ Editor: Ron Roman, KD5CYW 580-482-8446	16. Broken Arrow ARC Meets: 1830L, 1st Monday, Broken Arrow Community Center, 1500 S. Main, Broken Arrow, OK Pres.: Wayne Hartsfield, KK5AT 918-357-2139 VP: Joe Horn, KC5VPO 918-451-0028 Sec: Jerry Pascal, KC5JKU 918-455-6514 Tr: Harlan Kinney, K9GDK 918-251-2672 E-mail: w5bbs@juno.com
7. Enid Amateur Radio Club Meets: 1900L 4th Thursday, Enid/Garfield County Public Library, Enid, OK Pres.: John Turner, KA7GLA 580-242-6802 VP: Dwayne Posey, KC5QVS 580-237-3218 Sec: Dave Chael, KC5GUD 580-242-3445 Treas.: Bill Wehling, KC5OKG 580-233-5022 Editor: Dick Stricker, NJ5S 580-233-9869	17. Ada Amateur Radio Club Meets: 0900L, 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Scott Renes, KD5AJL 436-1369 VP: Charles Eiter, KC5TGA Sec: Danny Coffey, KM5LB 436-1271 Tr: Finis Hallmark, KC5YGB 384-5470
8. Choctaw Amateur Radio Club Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Dave Downing, WD5G VP: Don McDown, N5ENQ Sec: Jim Harper, Treas.: Ron Ernest, WB9DAF 769-3207 Editor:	18. Lawton Fort Sill ARC Meets: 1900L 1 st Tuesday, Great Plains Area Vo-Tech room 301, Worley Center. Pres.: Terry Oates, KB5IYB 580-492-5743 VP: Mark Ewell, KC5IZN 580-536-2777 Sec/Tr.: Danita Haney, KC5YYU 580-549-6817 E-mail: w5ks@rli.net
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2 nd Sunday, Location Varies Pres.: Neal Kappus, N5KCO 405-262-1151 VP: Leo Piel, WZ5H 580-886-2998 Sec/Tr.: Johnny Fish, K5GBN 580-893-2227 Editor: Jimmy Payne, N5VDY 580-496-2312	19. Tri-State Amateur Radio Group Meets: 1930L, 2nd Thursday, Woodward, OK Pres.: Jay Kruckenburg, KB5SOO 580-994-2751 VP: James Hand, W5JWH 580-994-6118 Sec/Tr.: Larry Goodwin Sr. KC5NZC 580-886-3283 E-mail: W5OKT@unibuilt.com
10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Bruce Burnette, KSPX 918-455-2599 VP: Lu Fisher, K5YP 580-254-5641 VP: Jerry Chouninard, K5YAA 918-341-2659 Sec/Tr.: Mark Byard, N5OGP 580-762-1966 Editor: Mark Byard, N5OGP 580-762-1966	Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (BackDoor) Pres.: Harold Miller, KB1ZQ 672-7735 VP: Tom Webb, WA9AFM 737-6716 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, N5PJ 354-5075 Editor: Harold Miller, KB1ZQ 672-7735 E-mail: n1lpn@swbell.net

Deadline for April, 1999 Issue of *Collector and Emitter* is Friday, March 26, 1999. Send all Articles to *Collector and Emitter*, 4216 Spiva Drive Del City, OK 73115-4424 on 3 1/2 inch floppy or e-mail to n1lpn@swbell.net. Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.

Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for February 23rd, 1999

The President of CORA, Hal Miller, KB1ZQ opened the meeting at 7:30 PM. There were six directors representing three clubs (OCAPA, EARS, and SCARS) one visitor and all four officers.

Secretary's Report - The Secretary's Report was accepted as printed in the C&E.

Treasurer's Report - The Treasurer's Report was approved.

Presidents Report - Hal received a check from a vendor for four tables at HH 1999. Discussed making HH 1999 a Section Convention and decided against it.

C&E Report - Most club secretaries are doing a fine job. Keep it up. **FYI:** If you use the Internet as I do to send your club minutes to the C&E, don't do it at the last minute. Friday Evening is when the Internet is jammed and your message may not arrive **until too late**. When I do the CORA minutes, I write them up the evening of the meeting and send them to Hal about 11:30 PM. It's not jammed then.

Ham Holiday 1999 - HH 1999 will be on July 23-24, 1999. Friday will be from 5 PM to 9 PM; Saturday will be from 8AM to 5 PM. Prices will be the same at last year's hamfest. We need your ideas for **Programs**. So far we have discussed the following; ARES/ARRL Forum, a MARS Forum (hope to get representatives from the Army, Air Force, and Navy MARS), OG&E safety forum, Internet, Antennas, National Weather Service, Crime Prevention, Fire Prevention, Phase 3D, Crafts Demo, Tae Kwon Do Demo, OHP program, QRP Forum, and a Club Secretaries Meeting.

SB 671 - This is a bill out of committee that would allow certain organizations to legally hold a raffle. As the law now stands, raffles are illegal in Oklahoma. **CORA supports SB 671.** Information on it can be found in The Sunday Oklahoman of February 21st, 1999, page 9, Section A.

Please contact your state senator and endorse this bill, it will enable hamfests to **Legally** have door prizes in the state of Oklahoma.

FYI: CORA's Website is
www.geocities.com/heartland/7332

Meeting adjourned at 9:00 PM.

Next meeting.

The next meeting will be a Dinner Meeting. It will be held on March 27th, 1999 at the Skyline Café at SE15th Street and I-35 with dinner starting at noon and the meeting right after dinner.

Respectfully Submitted,
Forrest Rush, N5VWF
CORA Secretary

February CORA VE Testing

On the 15th of February, the monthly test session was held to provide opportunity for applicants to take entry level or upgrade Amateur Radio tests. This CORA sponsored session is held on the third Monday of each month at 6:00 PM at the Salvation Army Divisional Headquarters building. Location is at the intersection of Penn Avenue and Northwest Expressway in Oklahoma City. No prior notice is needed just walk in with proper materials and proceed with testing. We thank the Salvation Army for providing the facilities for the test session and many other Amateur Radio events which are held on a regular basis.

The evening of February 15th was another short sleeve comfortable evening preceded by a day of abundance sunshine. Winter in Oklahoma: so fine! Any way back to the task at hand. By 6:00PM the applicants and CORA VE team were in place and ready for show time. Results from the session are as follows:

Number of Applicants: 4

Elements Administered: 5
Elements Passed: 3
Upgrades: 1

Individual results are as follows:

Larry Paden-passed Technician written.
Upgraded to Technician
Dan Osborne-passed general written
Sara Grossman-passed advanced written

We congratulate these winners and look forward to their return for more testing. The effort expended to study and pass Amateur Radio testing is significant so join me in recognizing these and other applicants for testing regardless of site. Thanks to the CORA VE team for being available to be a substantial part of the Volunteer Exam system. The next CORA VE test session will be on Monday March 15th at 6:00 PM. The ides of March are nearly upon you.

73 de John-WB5SYT

The Central Oklahoma Radio Amateurs, Inc. scholarship application may be found on the CORA website. It will also be printed in this newsletter in the April edition.

FYI - The dates on the mailing labels may reflect 99/12 for all persons whose dues expire in the year 2000 or later. The Editor is unable to get his software to sort properly to reflect dates past 00/01

Central Oklahoma Radio Amateurs, Inc

Lunch Meeting will be held 12:00p.m.
March 27, 1999 at the Skyline Café
1631 SE 15th Street in Oklahoma City.
The meeting will start after lunch has been served.

Discussion will cover the up-coming
Ham Holiday '99 and other topics
concerning CORA.

All are welcome to attend.

Chit-Chat

By Linda, N1LPN

Amateur Radio and the Internet

Comparing ham radio to the Internet is like trying to compare cowboy boots to sneakers! I have heard it said many times over the past few years that the reason people are losing interest in ham radio is because of the Internet. I believe it is time to address this issue in my own style.

First, the Internet can be compared to the world's largest Library. Alexander the Great dreamed of bringing all the knowledge of the world under one roof in ancient times. He created a city and gathered all the scholars of his day together and brought them to his city. I didn't care of his methods, but he did have a good idea of placing all knowledge known by man in one central location. The Library of Alexandria and the city were destroyed by fire and the knowledge collected was lost to the world forever. Today, the Internet brings to your fingertips knowledge from around the world within seconds.

What can you find on the Internet? I'll list a few examples. If I want to look up a topic or subject, I go to the Internet first. I can log onto the website of the local video store and see which movies have been released for rental. If I want to know what new patterns for sewing are available before going to the fabric store, I can log onto a website for that information. I write down the pattern numbers of those I like and head for the store. I no longer have to stand around waiting to look at pattern book in the store. With e-mail, I am able to stay in touch with family and friends back home who are non-hams. I can go to the web page of the company I buy my husband's winter shirts from and order them on-line. My son can log onto the Internet, connect to his college and find out what he made on an exam or find out a class assignment. I can log onto my favorite cable station web page and print out of the dates, times and topics of upcoming favorite shows for the next few months. I can go to the web page of my favorite radio station and download the words to a song they played on the air. I can e-mail our Senator with a question or concern about current issues. And the list goes on...

There is darkness to the Internet as well and is ungoverned by laws at this time. Chat rooms are places where anyone can log on, call themselves by any name they wish, create a fantasy world for themselves and pass it off as being the truth. A few chat rooms are real, usually ones discussing a topic in an intellectual manner and sponsored by universities, TV stations and Publishing companies. There are websites that offer anything you can dream of and many you never thought possible and stuff you never heard of before. There are things being offered through the Internet which are illegal in most states if sold in person or in the local stores.

Many people are afraid of the Internet and receiving unwanted solicitations for 'cyber-sex.' When we used another Internet server, we did get e-mail of this nature. I treated it as you would any other junk mail, deleted it without reading the trash within. There are no rules to cover this area and therefore it comes to you anyway. On our current server, we have not been bothered with cyber-sex special offers as we once were on the other server. Another fear is the safety of the Internet, privacy violations. Most servers have addressed this concern by adding extra security measures. If in doubt, ask your server if they have the problem under control. Some areas on the Internet are unsecured and most programs will tell you when you have entered one.

Amateur radio is not like a great library but an adventure in real life. It brings real people with real names to you over the airwaves from around the world. You never know who might answer your CQ and it is always a thrill to talk to a rare DX. I think it is always a thrill to talk someone in a country I have only read about or is just a spot on a map. Being able to actually talk to someone located on a different part of this planet is a miracle using nothing more than radio waves; it seems like that to me anyway.

Ham radio goes beyond having fun and talking to others around the world. It is a way to keep in touch with old friends who are also hams. There are swap and shops nationally and nets covering a wide area of interests. I have heard ham radio being compared to the old-fashioned telephone party lines of yesteryear but you have the

whole world listening instead of a few people.

Hams provide communication when people need it the most. We are the ones in the background, providing information when a disaster hits. We are the ones who pass information on with reports for the authorities, requests for supplies and messages for family members that their love ones are okay. We are the ones who help with search and rescue when a child is lost. We use our skills and personal equipment to help those in time of need. Everything we have is our personal equipment and yet we use it to help others in need. We do not play at life but are active living it.

Hams know they are not out of touch with the world and progress. We are the ones able to bring our equipment up on the air when natural disasters and all power and forms of communication are down. Hams are able to contact the outside world by using batteries as a power source. Hams love a challenge.

I think that is why the Internet will not replace Amateur radio. For the most part the Internet is a place to go when you need information or seeking answers to a question no one can answer. The dark side, personally I see no reason for it to exist but it does. The darkness is full of lies and sub-humans. Amateur radio may have moments of rough seas but no darkness exists. It is honest and those on the airwaves have earned the privilege to use the bands. Those on the Internet buy a computer, pay a set rate to a server and log on to the web with little or no rules to follow and no skill is required. Surfing the Internet is a no brainer.

I think the problem is not that people are not interested in amateur radio but many are scared of not making the grade. Passing a test for the honor to use the airwaves requires work. The tests are not easy and you must study. Most people would love to just hand over some cash and not be required to be tested, instant ticket. It does not work that way.

Well, becoming a ham is more than talking on the airwaves and comes with responsibilities and rules that must be followed. You must know how your equipment works so you do not end up

burning down the house or interfere with those around you. Tests are the best way to measure your understanding of what is required of you. Being a ham is not for everyone because it requires work and intelligence plus a willingness to play by set rules. Not everyone is willing to follow the rules.

I have heard the excuse that becoming a ham is expensive. It can be but ask any old timer and he can tell you ways to cut costs. A new computer now days with all the extras cost more than it does to set up a nice ham station. The trick is knowledge and to ask questions, research before you buy and shop around. Hams are the most penny-wise people I know and have a talent for getting the most out of each dollar they spend.

I can not see how the Internet can ever replace Amateur Radio. Both have a place in our lives. One can not replace the other. They are so different in what they were created to do. I think there is room for both without taking away from the other. Do I think the Internet will replace ham radio? Nope! And I don't think the sneaker will replace the cowboy boot, there is a time to wear sneakers and a time to wear cowboy boots!

Personal note:

Back in 1994, I met a very soft spoken man in a parking lot in Norman, OK. He was the club reporter for SCARS and was giving us a disk with his report for the newsletter. For two years he was part of the C&E Staff and never late with his reports. Many times his suggestions and support helped us during those early years of Hal being the new Editor.

During those years, I came to know this man who shared my husband's last name but were not related. Keith would always share with me stories about his family, work and interests. When his term was up as club reporter he came to the house and gave me the news in person. I remember giving him a hug and telling him I would miss him. Whenever we saw each other after that, he always had a hug for me.

This pass month, Keith Miller passed away and was called home by our Lord. A sweet gentleman with an easy smile, I will miss you my friend.
Until next month...



Erica Nicole Baker, age 9, missing from Kettering, Ohio, February 7. She is 3'-11, 65 pounds, blond hair, hazel eyes

Ohio Hams Help Search For Missing Girl

Hams in Ohio's Miami Valley helped to search for a nine-year-old girl reported missing February 7. Erica Nicole Baker of Kettering failed to return home after walking the family dog near the Kettering Recreation Complex. The dog was found—still wearing its leash—about three hours later.

The youngster's parents are separated. Erica's father had dropped her off at her mother's home the afternoon of February 7. She was last seen in the park wearing a pink raincoat, a Winnie the Pooh sweatshirt, and blue jeans. An official search, which included search dogs and involved dragging, then draining, a pond near the park complex, turned up empty-handed.

The Dayton Amateur Radio Association van, the Warren County Mounted Search Team, and RACES were called in to aid with the search February 11. Hams from Warren, Greene, Montgomery, Clark, and Darke counties aided police, fire, and search teams by providing communication in the field and maintaining posts around the search perimeter.

The search was expanded to cover a 150-square-mile area around the rec complex. Miami Valley Urban Search and Rescue Team asked the DARA van to return

February 12 to serve as command post support at the Germantown Dam Reserve. A decision also was made to use HF and packet instead of the well-monitored VHF and UHF repeaters, to minimize eavesdropping. Among those assisting was ARRL Great Lakes Director Dave Coons, WT8W.

As of February 25, Erica remained missing, according to Kettering Police. Her disappearance has been the subject of episodes on *America's Most Wanted*. Anyone having information on the missing girl is asked to call the Kettering Police, 937-296-2570—Bev Priest, N8VZV

Emergency

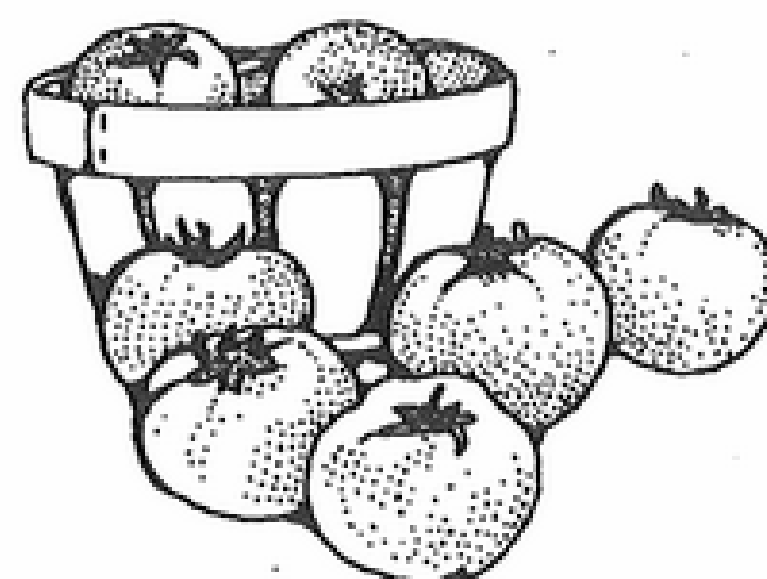
Emergency request: Austrian Red Cross station, OE7XRK, has requested amateurs worldwide to keep clear 3685 and 7085 kHz for emergency relief operations. The request comes in the wake of avalanches in the Alps. In a packet posting February 25 on KITSAT-OSCAR 25, the Austrian Red Cross said those frequencies were being used to coordinate avalanche rescue and recovery operations.—*thanks to HB9JOI and WB8IMY*

Vanity

Vanity update: The FCC office in Gettysburg reports it has processed vanity call sign applications received through February 1. On February 23, the FCC granted 168 applications; another 164 landed in the work-in-process (WIPs) stack and have been processed.

CY

Contest Yearbook discontinued: The ARRL Contest Yearbook has been discontinued. Anyone needing contest rules, forms, or other information on ARRL-sponsored operating events can obtain them from /contests/ ARRLWeb.



Bringing the C&E to Life

I have decided to attempt to let the readers know how Linda and I put the Collector and Emitter together each month. This is an effort to show how much coordination and planning goes into an issue.

As most of you are aware I have a deadline for input to the newsletter. The deadline was established for all because if we did not, the newsletter would never get published on time, if at all. We ask that clubs do not wait until the 11th hour before sending in their articles. E-mail sent late on deadline Friday sometimes does not come in to us until the following Monday. We ask that if an article is sent late, call us and we will try to work out something. By sending material in before the deadline, we are able to handle any problems that may pop up.

Linda types any articles onto the computer that come hand written and on hard copy. Most articles are sent on disks or by e-mail but a few do not. A couple of times, she has taken a report over the phone and typed it up as a favor to the reporter.

At one time, I thought it might be nice to start working on the newsletter as the articles were sent in to me. After working several different times on a club's articles, getting them in a nice neat format, ready to print, all of a sudden an additional half a page or so would show up and there went all my hard work. I had to start all over again. End result is that I no longer get started early in the week. Articles coming in are held until Saturday morning and then the real work begins.

Editing the Newsletter

First, I log onto our Internet / e-mail server and download all e-mail that has not previously been saved to a directory for that month. Then I go to the ARRL website and retrieve the latest bulletins. Finally to the Amateur Radio Newline website for the newest Newline stories.

Now starts the process of editing, actually the most of what I do is formatting what has come in. I usually start with those

clubs with the largest articles, based on past inputs.

The first thing done to an article is format the page, font and justify the text. Page format is as found in Figure 1. Font is formatted to Times New Roman 10pt, justified. Next come the columns at 2.4 inches wide with 0.15-inch gutter (the space between columns). I have found that this will usually allow me to put 1½ pages of typed material onto one page.

During the formatting I also change most all titles and headers of sections to match the rest of the newsletter. This way all the club's articles are the same. I add the graphics at the top of the columns and start proofing the content. Using MS Word 97

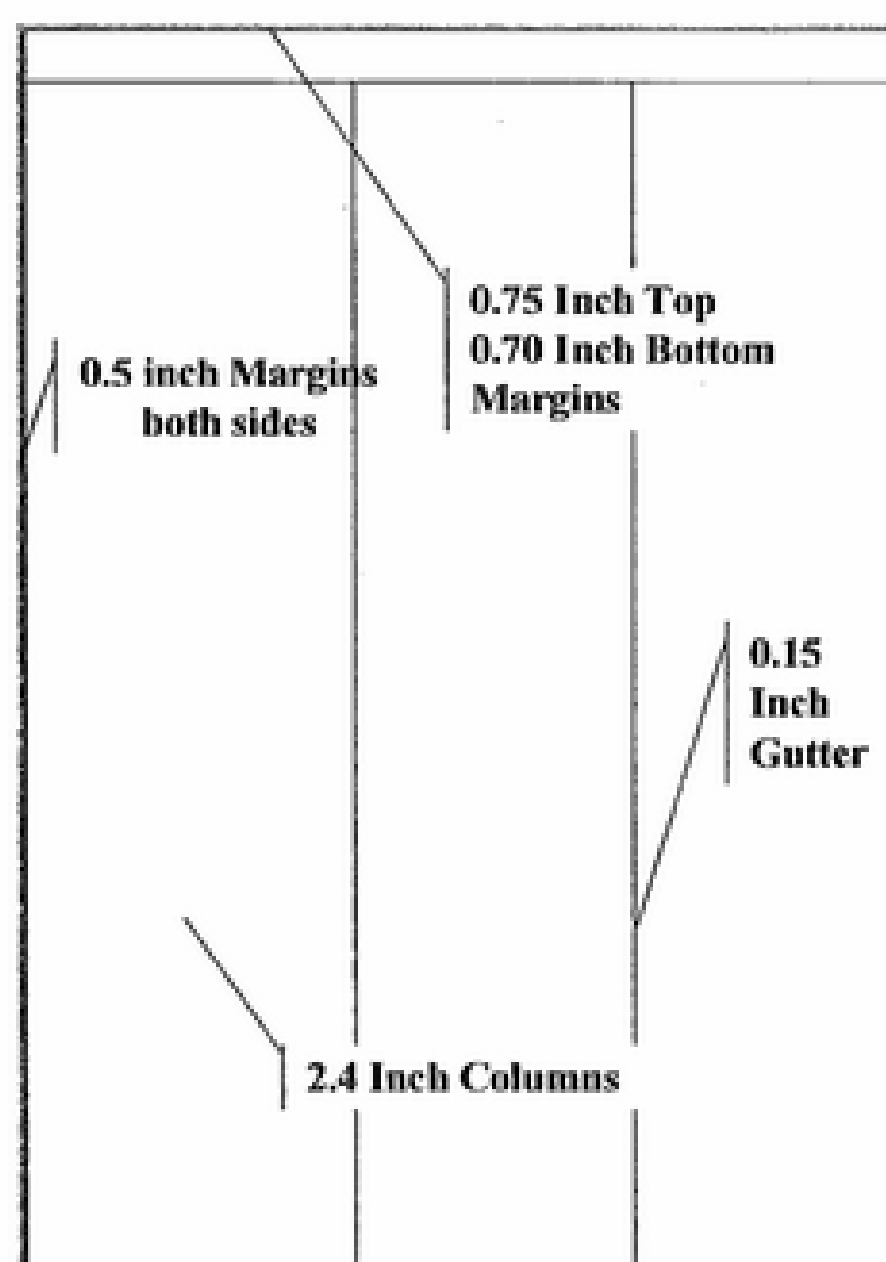


Figure 1

and the grammar check feature allows me to catch most spelling and grammar errors. Also additional spaces and such, that are normally missed.

After an article is formatted I print it out, to see how much room is left for additional articles, advertisements or filler. Then into a working folder it goes. This process is done for all articles coming in.

Now I go and do the regular pages seen every month, page 2 with all the club information is corrected as needed and the proper month and issue information. Also the calendar is done using MS Schedule. And the front cover is printed with only

the left side printed. This allows me to go thru and get a rough count on the number of pages I have and to see if I need to combine some smaller articles or add pages. I always print an issue in a multiple of four pages to allow the pages to be stapled together to meet postal regulations. (Stuff inside must be attached as not to possibly fall out).

Now comes the fun of bringing up multiple documents on the computer and cutting and pasting material from one place to another to fill pages up. As the pages get filled into the folder they go.

After all the pages are complete and a good count is established the pages are run thru the printer placing the page numbers on them. Order is just a matter of where they fall and what seems like a reasonable order. I attempt to keep articles in order if split.

Now all the pages are in order and page numbers are on no changing now without a total reprint. Next comes the cover, I search through the material and place interesting headlines on the cover and select a graphic to suit the month.

Last to be done is pasting the business cards onto the pages for the advertisements. This is done to keep the quality of the print up, after using the same add cut from month to month the quality goes down. So that is why we ask for new printing or business cards for our ads.

The *Collector and Emitter* is ready for the printer, and is most generally there by Monday at noon. The printer is given a count and he handles the printing, collating and stapling. He gives us back issues ready to be labeled and mailed.

Preparing the Mailing List

While the newsletter is at the printer, there are several steps that are done to prepare for the labeling and mailing stage. I go through the database and make any corrections and / or additions from the cards the club treasurers have sent to me. I note address changes call sign corrections sent to me. I also update to correct addresses sent to us from the Post Office, change of address cards, forwarding orders etc.

Now that the database is complete for that month, it is run thru the Post Office BBS to update and insure the Zip codes are correct, all five digit zip codes with the proper address and city information is converted to zip +4 codes. Any that remain 5 digit zip codes have something wrong with the address i.e. spelling, missing ST, RD, AVE or other minor problems. Some the addresses are not recognized by the Post Office and so I have to verify the address is correct for those it means QRZ database or a call to the club treasurer or even a call to the Club member.

Now that all of the information is as correct and accurate as I can make it I run the mailing labels. I use a dot matrix printer for this, the ink is oil based and therefore should not run if gotten wet. By Wednesday evening the labels are ready for the newsletter to arrive. After the labels are complete no additions or corrections are done to the database until the bills and rosters are prepared for the clubs.

Mailing the Newsletter

After the printer gives us the completed edition, lately 850 copies at 32 pages. Linda and I start the tedious job of labeling the publication. It must be labeled and sorted in a special way to meet the requirements of our Non profit bulk mailing permit. We also stamp the issues with the red **THIS IS YOUR LAST ISSUE UNLESS RENEWED** stamp. This means that your dues have run out and you need to pay your club dues, unless you are an individual subscriber. A few times, Linda has stamped the wrong issue by mistake. She hears about it too from those she stamps incorrectly.

We sort the newsletter into 10 different piles. Any zip code with more than 24 copies goes into its own pile. Any zip code with more than 6 copies but less than 24 gets its own bundle and all the rest end up in the 3 digit pile for that particular 3 digit zip code. Example: I have ten 73115 zip codes, they end up in a bundle in the 731 bag. Where I have only four 73112 zip codes, they end up in a bundle with all other 731 zip codes with less than six issues.

After all the sorting and counting is done, yes every copy has to be counted and accounted for by mailing zone, and zip code, by hand. The job is still not

complete. I then have to complete the paper work for the Post Office. Luckily the forms are now computerized and the software is available from the post office via the web. It use to take me a few hours to do the paperwork and now maybe 45 minutes if we counted everything right.

The newsletter is bagged and tagged to the proper mail handing facilities across the state. The paper work is complete and ready to go. Then off to the post office we go.

Now that the post office has it, doesn't mean that you will get it. If any of the paper work is wrong; or the money to pay the postage is not in the account we must maintain; the bagging is incorrect the issue will stay right there on the dock. Until we are notified and come down to make the corrections. Then you get you newsletter from the postman.

Should you not get your newsletter then you need to check with your club treasurer, to see if you paid your dues, your address is correct etc. I send a roster every month to all the clubs to verify their member's information is correct. It is a team effort.

Sometimes club reporters wonder why we do not call them each month to remind them to send in their articles. We have 15 clubs to work with and we are only human and can only do so much. It takes teamwork to produce this newsletter. Linda and I do not do it alone.

I hope this has informed you as to how the Collector and Emitter is produced each month. I have gotten into a routine and try to stick with it. The results are a reliable and informative publication that is

admired across the state and nation. We have been given kudos from several different states and won awards for our efforts. It is a pleasure to work with the various clubs and people that make this possible.

Jammers claim fight back:

Not really

The FCC's push to curb jamming and other rules violations is not without opposition from some of those who have been targeted for enforcement action. But the people fighting government discipline are for the most part no longer doing it on the air.

Instead, they have taken their side of the war to the World Wide Web. Almost daily, Newsline gets reports of new pro-jamming websites. These are places in cyberspace where jamming is called freedom of expression that is constitutionally protected. And on some internet remailers, free speech advocates have been urging anyone hit with FCC warning letters or enforcement action to contact a Metairie, Louisiana attorney named Ashton Hardy.

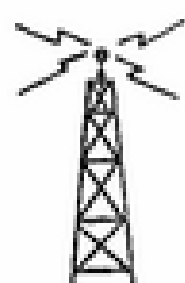
The postings infer that Hardy will be interested in defending the civil rights of any alleged Part 97 rules violators but in real life that does not seem to be the case. Newsline's Bill Burnett, KT4SB spoke with Ashton Hardy by phone. Hardy told Burnett that he is not now representing any hams or ham radio groups. He said that at one time he did represent the owner of a shortwave radio station who is now deceased. But right now Ashton Hardy is not involved in any form of ham radio litigation. (KT4SB, Newsline)

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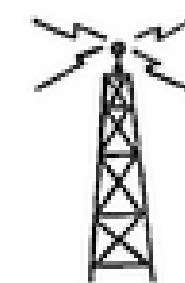
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Covertly employed by a government agency with no name, issued an international license with no restrictions, and sworn to achieve one goal: The exploration and understanding of the most extreme fringes of communications technology. You can join the adventures of Doug Xander, perhaps the most technically adept Radio Amateur in the world, by reading:

D'X FILES

Episode Six: What's your best price on a dozen of these very fine PL-259's...?

Xander awoke earlier than usual one Saturday morning. For some odd reason he couldn't sleep. While tuning the low bands in search of early morning DX, he realized there was a major HamFest that weekend. Since he hadn't been to one in years, he considered for a moment if he should go. While there wasn't anything he needed, other than some doorknob caps or a few beehive insulators, it would be fun to spend the morning with a few Wireless Wizards and Brethren of the Bands...

His only concern was the need to maintain his anonymity. He remembered his visit to Dayton several years ago when he was mobbed by the Ham Paparazzi and dogged by autograph hounds every step of the way. Although he has QSO'ed with many of those in attendance, he had to consider the risk of discovery. While many of you think being a Ham Celebrity would be fun, only Xander and AB5UA know what a constant burden DX Fame can be...

"Xander looked to his left and directly into the most captivating pair of sea-green eyes he had ever beheld, a color reminiscent of the side panels on a Tektronix 475A"

If they knew his true identity at a local HamFest, he'd no doubt be inundated by Hams begging for an invitation to his shack... He could hear it now: "Please, Doug, just let me stop by long enough to work a few hundred countries and I'll be outta there pronto..." Or "I named my first born child after you, and she says you owe us a chance to run your station during the CQWW WPX Contest..." Talk about a dedicated following... Then again, Xander might be kidding himself. Many Hams are unaware of the joys of a C&E subscription and couldn't care less about him or anything more serious than the

price of the new tower seed nuts at the ShaZamaHamaTronics booth...

After putting on some old clothes and grabbing a couple of thousand in small bills from the cookie jar, he headed out... Arriving as the first rays of sunlight heralded the start of a new day by glinting off the dial glass of a Hallicrafters SX-88 as it was being carried into the swapmeet, Xander knew this could be interesting. The parking lot was a forest of vehicular radiators, from the ubiquitous 5/8 wave 2 Meter whips to the more ambitious bug catchers and screwdrivers. Xander mused how quaint it was that Hams still make QSO's with such primitive antennas...

A small voice in the back of his head said: "Doug... Watch that attitude..." Yes, it would be best to maintain a low profile and simply enjoy the day.

Opening the door to the great exhibit hall, he was struck by the mixture of aromas... The faint, but unmistakable, odor of the graphite grease used in the auto-tune gear train of a Collins 618T... The passing scent of the phenolic boards used in the Heathkit HW series and the omnipresent aroma of Kester 44 rosin core solder (both modern and vintage) mixed in with the smell of bootleg CB'ers trying to weasel a deal on a hacked FT-101EE... The hall was filled to capacity with a tumult of transmitters, a riot of receivers, a melee of meters, an assemblage of antennas and a phalanx of phedlines... The variety and depth of the goods being offered for sale impressed Xander. Not only was it a tinker's paradise, but an Amateur Radio Anthropologist could illustrate much of the evolution of wireless communication with the equipment on display...

As Xander wandered among the ocean of tables and gazed across a sea of yogurt

cups filled with small parts neatly placed on the table before him, he picked up a metal bracket to take a closer look... The seller offered "If you can tell me what that works with, I'll give it to you". Xander thought for a moment, then looked at the seller and said "It looks like the pressed cam plate from the tuning gears of an R-390A, reference symbol A-206, index number 156, per page 149 of AG 413.44 printed 30 Dec 55". As the seller's jaw dropped near the floor, a soft feminine voice to Xander's left was heard to say "If that has beveled edges on both the left and right tuning shaft carrier slots, it's actually reference symbol A-206 Rev 'B' as used in receivers built under order number 14214-PH-51-53 by Motorola..."

Xander looked to his left and directly into the most captivating pair of sea-green eyes he had ever beheld, a color reminiscent of the side panels on a Tektronix 475A... He briefly studied her pouting, full red lips, classic nose, and perfect cheekbones framed by deep red auburn hair glowing with a gentle sparkle that complemented her dazzling eyes... Xander immediately knew he was in the presence of one of the most attractive women he had ever seen.

"Hello... I take it you've studied a few technical manuals?" Said Xander... "Oh, just a few..." came the reply. The seller asked if they collected military radios. As Xander noticed a small crowd was now eavesdropping on their conversation, he said: "No, we're just ARRL Volunteer Examiners. The VE session starts at 1 pm and I hope all of you will be there working on your license upgrades..." The crowd began to dissipate. Quickly. No doubt their imaginations went into overdrive with speculation as to what would be in the new question pools...

Xander turned back to his new companion to discover she had moved on to the next table and was now inspecting a gaggle of Gonssets... Or was it a covey of Clegg's? Xander certainly needed to investigate. Her attention was soon drawn to another table. He followed at a discreet distance, hoping for an opportunity to continue their conversation, but decided to wait a few minutes lest his interest become too obvious. As he watched her walk among the tables, it reminded him of two small kittens playing in a satin pillowcase. The sight of this alone was worth the price of admission...

"...Then, in a moment that would strike fear in the heart of every repeater kerchunker and tighten the sphincter of even the most experienced OM, they decided the call would be assigned to the applicant with the best high-speed CW copy..."

A table overflowing with test equipment briefly captured Xander's attention, as the assortment of Tektronix 7000 series plug-ins was quite impressive. Xander picked up a 7D20 digitizer for a closer look. "Do you have the GPIB controller and cables for this" he asked... The seller shook his head 'no' as most users operated them from the front panel. Xander went on to say what an interesting piece they could be when used as an IF bandpass display interfaced to the first mixer stage of an intelligent transceiver. The seller's eyes began to glaze over as he offered a price, hoping Xander would buy it without asking a question he didn't understand... Xander thought for a moment, then realized he probably had a 16 bit GPIB buss card in his junkbox. After a bit of the requisite HamFest haggling, he bought the 7D20 with a 7603 rack mount frame.

As Xander was carrying the 'scope out to his car, he noticed the captivating red-haired woman admiring a set of iambic paddles. Xander stopped and said: "I was very impressed by you back there, you really know your boat anchors." She smiled and said: "It was a lucky guess... If you had picked up an IF can from a GPR-90, I wouldn't have a clue." Xander

wasn't so sure about that... "My name's Doug... What's yours?" "Oh, I know who you are, I believe we're aware of each other but haven't met before... My name is Desiree... Desiree Xowolski".

Xander thought for a moment... Could it be... could it be her... the only person in the entire universe to ever demonstrate an operating skill superior to his own?

You wouldn't happen to be a high-speed CW operator, would you? He asked with a slight smile... Why, yes... she replied. "I've exchanged a few dots and dashes". As Xander was about to ask about her recent DX activities, she looked down at the 7603 'scope frame he was carrying and advised him to replace the filter cap in the secondary +5 volt regulator. "I couldn't help but notice that R-1673 is running hotter than normal. Usually that means C-1527 is leaky. It's only a matter of time before it opens and the regulator shuts down". Wow... Not only is she good looking, Xander mused, but she has x-ray vision too. I wonder if she could tell how glad I was glad to see her the first time...?

"How do you know that?" he asked. "Isn't it obvious?" came the reply. "Look at the oblong discoloration in the paint along the third row of ventilation holes, top left rear corner..." She was right. It was barely visible, but definitely there. Xander couldn't decide if he was more embarrassed by missing the subtle flaw in the 'scope frame or impressed by her knowledge of electronics... He held up the 7D20 to ask if she'd like to give it a quick diagnostic. She smiled and said "I don't have x-ray vision, but if you like, maybe we can arrange something later... You know how to get in touch." She turned and disappeared into the crowd, a faint trace of her perfume lingering in the air...

Xander couldn't believe it... He finally met her. A few years ago he applied for a vanity call sign. Due to his magnificent grasp of the communication arts and superb technical skills, he was entitled to a "One by Zero" call. He chose 'A'. As luck would have it, another applicant chose the exact same call. The paperwork arrived on the same day at the same time. The Commission decided to compare their

test scores and award the call to the highest qualifier. Their scores were equal. Two independent testing sessions were arranged in two cities where 1,000 of the most diabolical and torturous questions ever devised by the most sadistic VEC's... you know, the Hezbollah wing of the Arabian Radio Rock League... would be administered to determine the winner.

Once again, their test scores were equal. Then, in a moment that would strike fear in the heart of every repeater kerchunker and tighten the sphincter of even the most experienced OM, they decided the call would be assigned to the applicant with the best high-speed CW copy...

Xander's VE reached into his test kit and produced a dusty audiocassette labeled "The Ball Buster". It was plain text CW taken from a 1987 Tibetan phone book and sent at rising speed... The other two VE's howled in delight... Not only do Tibetan names tend to use the alphabet backwards, but due to the many Chinese residents, it is filled with Wong numbers.

Xander clocked in at 56 WPM before his copy began to falter... Some say it was his typing skills, others say it was the string of Mandarin area codes that did him in...

Regardless, the VE's said someone with the code name "Desiree Xowolski" held solid copy up to 58 WPM and now had the first One by Zero vanity call ever issued... A moment later they burst into maniacal laughter as they were being put back on the bus from the Sanitarium...

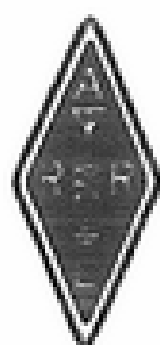
As Xander was replacing C-1527 (yes, it was leaky...) and re-calibrating the 'scope frame, a strong CW signal came across his HF receiver that sounded remarkably like someone setting up a new iambic keyer with red paddles... At 45 WPM.

Xander reached for his key...

...It was fate calling.

The QSO is out there.

Contents Copyright 1998-1999
by Nelson Derks - KC5QVV
"Illegitimus Non Carborundum
Ipso Facto"



A. R. R. L. Bulletins

From ARRL Headquarters
Newington CT.

ARRL Bulletin 12
February 19, 1999

FCC takes enforcement actions

The FCC has told a Delaware ham that she must take her Amateur Radio examinations again or lose her license. The FCC's Riley Hollingsworth, K4ZDH, says "questions were raised" about how Sheila Bowden, N3QQS, of Millsboro, upgraded to Extra. He said the FCC is requesting that Bowden start from scratch and retake "all the elements." Bowden was notified February 16.

The FCC has the authority under Part 97 to re-administer exam elements previously administered by VEs. The FCC told Bowden that she must retake the Amateur Extra Class examination series at an ARRL/VEC session before March 19 or lose her license.

Hollingsworth said the FCC plans to call in additional amateur licensees for retesting in the near future. In all of those cases, Hollingsworth said, the FCC has reason to suspect the integrity of the examination process.

"The ham community needs to have a sense of confidence in the examination system," Hollingsworth said. "This is a critical link in the chain."

Last month, the FCC dismissed the Extra class license formerly held by Bowden's husband, Wayne, after the Commission discovered "irregularities in the administration of the examination by the Volunteer Examiners." Wayne Bowden, formerly AA3RT, took the complete Amateur Radio examination series at an October 4 W5YI-VEC session. He had not held an amateur license before then.

The FCC is continuing its probe into alleged testing irregularities at

Pennsylvania W5YI-VEC sessions October 4 and 6, including allegations that examinees might have been coached or given test answers.

In a separate action, the FCC has suspended the HF privileges of a New Jersey ham. The FCC notified Walter P. Miller Jr., W2YEE, of Edison that his privileges to operate below 30 MHz were being suspended for 180 days.

The license-modification letter February 16 from Hollingsworth came in the wake of an earlier warning letter to W2YEE. Hollingsworth alleged that W2YEE's 75-meter operation on February 4 and 5 was contrary to the Amateur Service Rules. Hollingsworth said Miller violated Section 97.1, basis and purpose of Amateur Radio, Section 97.101(a), good engineering and good amateur practice, and Section 97.119, identification requirements. The alleged operation took place on 3901 and 3950 kHz, the FCC said.

Miller has 30 days to formally protest the modification.

ARRL Bulletin 11
February 12, 1999

J. A. "Doc" Gmelin, W6ZRJ, SK

Former ARRL Pacific Division Director Jean A. "Doc" Gmelin, W6ZRJ, of Los Osos, California, died February 11, 1999. He was 71. An ARRL Honorary Vice President, Gmelin, was Pacific Division Director from 1968 until 1978. He also had served as an assistant Pacific Division director, as Santa Clara Valley Section Communications Manager, and as an Assistant Section Manager for public service and external relations in Santa Barbara.

First licensed in 1947, Doc was a past officer of the Santa Clara Valley Amateur Radio Association, the Merced Amateur Radio Association, and the Northern California Traffic Association. He was active in the Southern California CW Net. He was a member of the AI Operators Club and had been active in RACES.

He was a Life Member of the ARRL and a member of QCWA, as well as a QST author and a Worldradio magazine columnist.

A graduate of San Jose State University, he served in the Naval Reserve and later worked for several San Jose-area newspapers as a photographer. Later, he taught electronics and math and was audio-visual coordinator at a high school in Sunnyvale, California. He also was an avid duck hunter.

Pacific Director Brad Wyatt, K6WR, reports that a combined Amateur Radio and Masonic memorial service will be held Sunday, February 14, 2 PM PST, at the Los Gatos Memorial Cemetery, Los Gatos-Almaden Road, Los Gatos, California.

Gmelin's wife, Caroline, K6BGM, is among his survivors.

ARRL Bulletin 10
February 11, 1999

Wireless Privacy Bill Reintroduced

The Wireless Privacy Enhancement Act of 1999, HR514, has been introduced by Rep Heather Wilson of New Mexico. The measure is aimed at amending the Communications Act of 1934 "to strengthen and clarify prohibitions on electronic eavesdropping, and for other purposes."

"HR514 is identical to the amended version of HR2369 that passed the House on a 414-to-1 vote during the last session," said ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA. The Senate did not act on that measure.

The original bill, HR2369, would have banned most types of scanners and scanner listening, however, the bill's sponsor, Rep Billy Tauzin, worked with the ARRL and representatives of manufacturers, public service organizations, and scanner enthusiasts to redraft the bill top to bottom.

HR514 forbids manufacturing or modifying scanners to receive cellular, PCS, or "protected" paging service frequencies. The bill also forbids receiving, divulging, publicizing, or utilizing such communication. The measure is part of a package of legislation introduced early in the session in the expectation that it will pass quickly and help restore Congressional momentum.

Mansfield says, however, that the Senate prospects for HR514 remain murky.

While Amateur Radio appears to be unaffected by the new bill, the League is on record as opposing the expansion of prohibitions on radio monitoring beyond those that now exist to protect the privacy of services that interface with wireline networks.

HR514 has been referred to the Commerce Committee. The bipartisan list of co-sponsors of HR514 includes Reps Tauzin of Louisiana, Markey of Massachusetts, Oxley of Ohio, Eshoo and Rogan of California, Deal of Georgia, Wynn of Maryland, Cubin of Wyoming, Luther of Minnesota, Sawyer and Gillmor of Ohio, and Pickering of Mississippi.

A copy of the bill is available on the Web at

<http://thomas.loc.gov/>.

Hollingsworth on RAIN

"The sleeping giant has awakened now and we are coming in and I don't want to see a lot of good, qualified, long-term operators get fines and revocations because they were jamming the jammers." Hollingsworth

Words of ham radio wisdom coming from the man in a position to know. The FCC's Riley Hollingsworth, K4ZDH who is the new Legal Advisor on enforcement to the Compliance and Information Bureau says that the commission is out to clean up the ham bands.

Hollingsworth's remarks came in an exclusive interview with RAIN producer Hap Holly, KC9RP. During their conversation, Hollingsworth said that he understands the frustration faced by many amateurs over a lack of enforcement on the part of the FCC. But K4ZDH also says that has recently changed:

"I understand why they are frustrated. And I know that they saw no presence from the FCC and they think that they are helping to police the bands. But we need them to back off and let us take the hard core riff-raff out - so as to speak"; Hollingsworth

And how will the FCC accomplish this:

"We are talking about fines, and revocations. I know that in the past its usually been one or the other, but if we open a case now it will be for both."; Hollingsworth

You may be wondering just how dedicated the FCC and Hollingsworth are to this ham radio clean up. The answer is that it's a total commitment. To find out for yourself, we suggest that you visit RAIN, the Radio Amateur Information Network and listen in on part one of Hap Holly's interview with K4ZDH. It's on line right now at (847) 827-7246. The interview is also available in RealAudio at: <http://www.rainreport.com>

FCC acts in more cases

The FCC's enforcement steamroller is moving right along with Riley Hollingsworth, K4ZDH making good on his promise to take action against all regulatory violators.

The latest ham to feel the long FCC enforcement arm is Walter P. Miller Jr., W2YEE. He has received a six month unilateral suspension of his high frequency operating Privileges after the FCC charges that the Edison, New Jersey ham has been holding QSO's with nobody.

On December 16th The FCC notified Miller that his privileges to operate below 30 MHz were being suspended for 180 days. In his letter telling Miller of the punitive action, the FCC's Riley Hollingsworth, K4ZDH, wrote that W2YEE had been monitored allegedly broadcasting and talking to no particular station for several hours. That during this time Miller's operation prevented the use of the frequencies by others and maliciously interfered with other stations attempting to use the frequency.

The license-modification letter follows an earlier warning letter to Miller alleging violation

Section 97.1 of the Amateur Service rules. This is probably since 97.1 outlines only the basis and purpose of Amateur Radio. (FCC)

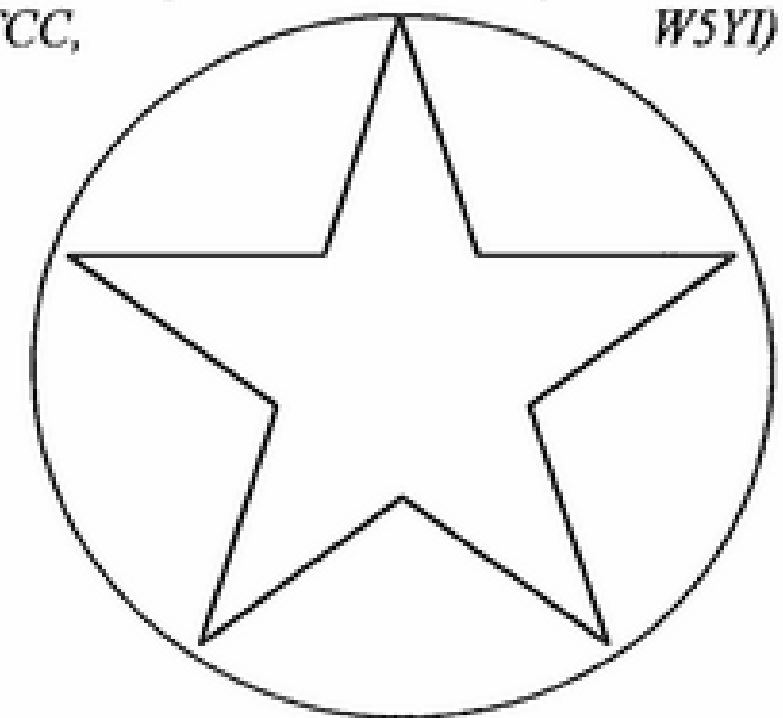
Hollingsworth has also sent a very stern warn letter to a New York City Ham Anthony Barben, N2WNF of Brooklyn. In it the FCC warns Barben that he faces a monetary forfeiture and license revocation proceedings before an Administrative Law Judge if he is caught again interfering with area repeater operations.

The letter to Barben says in part that he FCC has irrefutable evidence that N2WNF has been deliberately and maliciously interfering with VHF repeater operations of other licensed radio amateurs in the New York City area. The FCC continues by alleging that Barben has engaged in harassment, malicious interference and transmitting FM phone signals on a frequency of 144.100 MHz. That's a frequency well outside the FM part of the 2 meter band.

The FCC says that in addition to the fine and license revocation, it will also consider confiscating his ham radio transmitting equipment if they receive any more complaints about his operation.

(FCC,

W5YT)



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Enid Amateur Radio Club

1999 *EARC President's Chili Supper* a smashing success! If you weren't there, you really missed out! Chili lovers (and even those who weren't or couldn't) from as far away as Lamont (hi Jeff) gathered for the annual pilgrimage to "Chili Mecca" (held this year at Union Hall) to pay homage to the greatest of meals - chili! This year's cook-off was even better than last year's event! Better ask Sam, KD5EUS and Anna about the rum cake, and if Mike, KC5TFA needed a ride home after his *second* piece! Between "trips back to the trough" for additional chili and the excellent desserts, the Club even managed to fit-in a little official business.

Minutes of the February 1999 Enid Amateur Radio Club Meeting, 25 February 1999 held at Union Hall, 1901 North Washington Enid, Oklahoma

The meeting was called to order by the president John, KA7GLA at 7:33 p.m.

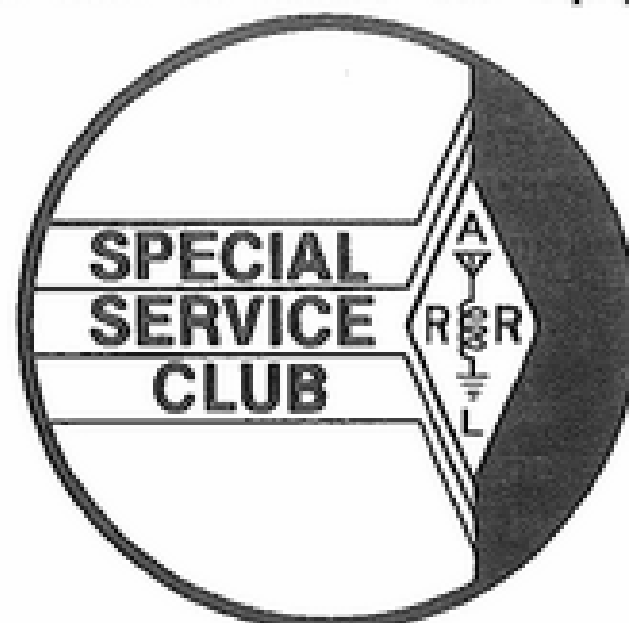
Members and guests in attendance were: John KA7GLA, Dwayne KC5QVS, Eldon KC5RRS, Clint KB5OEQ, Vicky KD5AOZ and Scott N5VRL (and son Joe), Ray W5REC and guest Della, Bill KC5OKG and Martha, Fred N5QJX and Nel AA5XC, Al KD5BA, Walter AA5LI, Bill N5SDC, Dan KM5DH, Dave KC5GUD, Sam KD5EUS and Anna, Jeff KM5EV and Paula KC5TFJ and their "herd" Sarah, Brittney and Tori. We want to extend a special welcome to guests and family members!

The treasurer's report was presented by Bill, KC5OKG and approved. **SPECIAL NOTICE:** of our 55 members from last year, only 42 have renewed, leaving 13 unmotivated or undecided (and certainly unrenewed). If you have not renewed by this time next month, **this will be your last newsletter**, and we will be forced to drop your name from the membership roll. If you intend to renew, please contact our club treasurer Bill, KC5OKG and make arrangements to pay your dues and remain an active member!

The minutes from the January meeting were approved as printed in the Collector and Emitter.

Old Business:

As part of the Red Cross move, John announced an antenna party for Saturday, February 27th, 2:00 p.m. at the *old* Red Cross facility on West Cherokee. We need help in disassembling our existing tower (which will be stored at *Wheat Capital* until ready to put up again at our new facility). John updated the Club on the status of the Red Cross move. They've moved in, but some finishing work remains to be done. We'll have access to the Boardroom, in which is a radio room (6' X 8') that will have a locked door to secure our equipment.



Reports are that the room area is about twice what we had at the old facility on West Cherokee. Future plans include an HF antenna for additional communications capability. John has scheduled the Boardroom for periodic monthly Club meetings for the next calendar year. The facility will also be available for ham training classes as needed. Sounds great!

Al, KD5BA reviewed dates for upcoming Enid parade events. The March of Dimes walk-a-thon will be on April 24th (and presents a conflict to our first choice of dates for the Club Tailgater). The old Maine Street route will be used as in years past. Tri-State will be held on Saturday, 1 May 1999 (it will rain for sure), and the Cherokee Strip Parade will be held on Saturday, 18 September 1999. Mark your calendars now!

Scott, N5VRL discussed plans for an all-you-can-eat (*and I'll bet we can all eat a lot*) BBQ to be held on Saturday, May 15, 1999 at the Cherokee Strip Convention

Center. An Emergency Services program will follow the feast and will feature a discussion on the grain elevator explosion in Kansas last year. Ham support continued for 22 days after the devastating blast - are we ready to support our community if this were to happen here? Come and find out!

New business: None.

The next meeting will be held on Thursday, March 25, 1999, 7:00 p.m. at the new Red Cross Facility located at 401 North Grand, Enid. Come and check out the new facilities and see how you can help the club help the Red Cross. See you there!

The meeting was adjourned at 7:52 p.m.

In other news, Dave, KC5GUD has been accepted as a T-37 Instructor Pilot in the Air Force Reserves, (Vance AFB) and if all goes well, will attend Pilot Instructor Training (PIT) at Randolph AFB later this summer. We'll need a temporary secretary during Dave's leave of absence (approximately four months, or more if he can't figure out how to land that thing).

Don't forget VE testing on Saturday March 6, 1999. Contact Tom, N5LWT at (580) 233-8473 or Fred, N5QJX if you intend to participate. **PRE-REGISTRATION IS REQUIRED.**

Keep Dick Stricker, NJ5S in your prayers - he's having a tough time recuperating from a recent operation. Get well soon Dick!

73's

Dave

Announcing the Annual EARC Tailgater Party!

Central Christian Church

1111 West Broadway

(West of McDonald's on Van Buren)
Enid, Oklahoma

The date has not been finalized due to a discovered conflict with the March of Dimes walk-a-thon. The Club decided NOT to hold the tailgater on April 24th (as originally reported) - stay tuned for a revised date. You should, however,

continue to organize your *junque* for the event which promises to be the biggest and best yet! Join us for coffee and donuts as we gather with old friends and make new ones. Swap and shop till you drop!

New antenna for KD5EUS - First contact: Zimbabwe!

Don't let anyone tell you that you've got to have a super powerful multi-element beam with a kilowatt to work DX. Just ask KD5EUS about his new super-simple dipole antenna. Sam and Dave worked a few hours to build an antenna to get him on the air (after Sam's recent success with the amateur radio testing!). We elected to use the chimney on his house as the center support for the dipole. At about 30 feet each side and fed with coax, we were fairly uncertain as to how it would work. The proof is in the logbook now! Following several unsuccessful CQ attempts, we stumbled onto a Z21 station calling CQ. As we nervously pushed the button (on the as-of yet-unproven new rig also), we were rewarded with a cheery, very British accent on the other end of the line confirming our QSO with a 5 and 7 report. Not bad, even without CORA's super efficient DX WAX! He could sense we were "new guys" and even took the time to chat about his home, the former capitol of Rhodesia (remember from high school history)? Pretty cool how a simple piece of wire thrown up into the air can make it possible to work the world. Don't let your fascination with radio die! Amateur radio is magic - pass it around!

We received the following e-mail regarding a proposal from the Texas State Legislature to *regulate the placing, screening, or height of amateur radio antennas*. Here is HB1345:

A BILL TO BE ENTITLED AN ACT relating to municipal or county regulation on the placing, screening, or height of amateur radio antennas.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS: SECTION1. Chapter 250, Local Government Code, is amended by adding Section 250.002 to read as follows: Sec. 250.002 REGULATION OF AMATEUR RADIO ANTENNAS.

(a) A municipality or county may not enact or enforce an ordinance or order that does not comply with the ruling of the Federal Communications Commission in "Amateur Radio Preemption, 101 FCC 2nd 952 (1985)." Or a regulation related to amateur radio service adopted under 47 C.F.R. Part 97.

(b) If a municipality or county adopts an ordinance or order involving the placement, screening, or height of an amateur radio antenna based on health, safety, or aesthetic conditions, the ordinance or order must: (1) reasonably accommodate amateur communications; and (2) represent the minimal practicable regulation to accomplish the municipality's or county's legitimate purpose. Section 2. The importance of this legislation and the crowded condition of the calendars in both houses creates an emergency and an imperative public necessity that the constitutional rule requiring bills to be read on three several days in each house be suspended, and this rule is hereby suspended, and that this ACT take effect and be in force from and after its passage, and it is so enacted.

We'll see what happens from down south of the border. Looks like our neighbors from Texas are finally doing something right for a change. Wonder if it'll rub off on the legislature in Oklahoma City. Ed

FCC a coordinator?

The failure of a frequency coordination counsel has forced the FCC to decide a mutual interference problem between two repeaters. In a letter to New Jersey's West Morris Amateur Wireless Association, the regulatory agency says that the trustee of the club repeater must cease the adjacent channel interference to an established WR2M repeater operating on an adjacent channel pair about ten miles away.

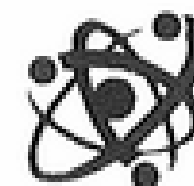
The mutual interference situation seems to have come about as the result of the disappearance of frequency coordination in the New York City, New Jersey and Southern Connecticut area. Unable to solve the mutual interference and no longer having the Tri State amateur Repeater Council to intercede, William Lupo, WR2M wrote to the FCC demanding relief. The FCC's answer was to warn the newer of the two machines -- W2WMW -- that its trustee would be in violation of Commission rules regarding malicious interference if it did not eliminate the disturbance to communications on the WR2M system.

But the FCC involvement did not end there. The FCC's Riley Hollingsworth also sent a letter to the mayor and city council of Hopatcong, New Jersey. In it, Hollingsworth explains what a repeater is and why both open and closed repeaters are permitted under FCC rules.

Hollingsworth has also questioned the legality of a fully automatic repeater to Internet Eyephone link operating on the W2WMW machine. He has asked the system license holder to supply detailed information regarding the connection and to show how it is kept under positive control. (Newsline)

**50 Watt UHF Transmitter w/ 4CX250B Tube
Rack mount, complete with power supply
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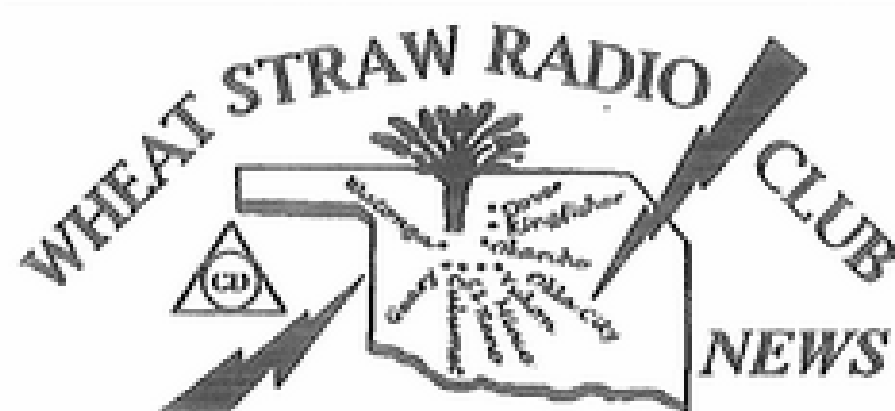


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OKLAHOMA CITY, OK 73105



Wheatstraw Amateur Radio Club

Wheatstraw ARC Minutes

The February Meeting was held on Valentines Day in Dover, Oklahoma at the Dover Christian Church Fellowship Hall. The meeting was called to order by the new President, Neal N5KCO. The minutes of the Christmas meeting was read by John K5GBN, the new club Secretary.

We had quite a turnout and we all had a good time. There were 19 members present and 3 guests, one of which joined the club. A big Welcome from the club goes out to Bill Mills, K5ALM of Hennessey, OK. Our other 2 guests were friends of Tom and Bertha Johnson. They were Donna Iker and her daughter, Natasha of El Reno, OK.

Ray, AB5Z made a motion to drop the club's call sign and it was seconded by Leo, WZ5H. It passed by a majority. Tom, N5IKN made a motion to donate some money to the memory of Wilma Garland, the mother of Joe Garland, WA5FLT and Goldie Wilder, the wife of Ralph Wilder, WA5PFK. It was seconded by Ray, AB5Z and passed by a majority. Both of these ladies will be truly missed.

Wanda, KC5GTW (Good Time Wanda) was feeling 'foxy' because of Valentines Day. She held a couple of contests for us. One was who had been married the longest. The winner was Tom, N5IKN and Bertha, N5ING Johnson of El Reno, OK. The runner up was Stu, K5DSR and Alice, WA5UEW of Mullhall, OK. Each couple won prizes and I got two kisses from Wanda, they were 'G' Rated.

Wanda took a poll on how we all met our mates. The stories were very interesting and enjoyable. A perfect way to share Valentines Day. Stu shared news of receiving a letter from Jim Guy, K7UAN and Georgina, WA7NLC. They are former Wheatstraw members who now reside in

Arizona. Stu sent him a newspaper article on a relative of his, the famous Bill Picket of 101 Ranch fame.

My lovely wife, Donnis, KB5TGT made a motion to adjourn the meeting and it was seconded by Ray, AB5Z. We then had refreshments that everyone had brought to share. The next meeting will be held at Watonga in the American Legion Hall on March 14, 1999.

Jimmie, N5VDY

Tales from the Supermarket

While a lady was hurriedly putting her groceries on the conveyer belt at the checkout stand, her potato chips tumbled to the floor. She retrieved the package and handed it to cashier, but missed the connection and the chips fell again. After being rung up, they went to the baggie. Just as he reaching for them, a shopper's cart bumped into him and the chips flew off the counter. In the parking lot, as the baggie was placing the groceries in the lady's car, the helpless chips toppled to the ground. As he picked up the chips, he asked, "Is there somewhere special you'd like me to put these?" "Oh," she replied in exasperation, "just put them on the front seat, and I'll just sit on them!"...

When my son was a high school sophomore, he got a part time job at the supermarket bagging groceries. He wanted to earn his own money and it was his first job. I was waiting for him when he got home. He was all smiles. "How was your first day?" I asked. He replied, "It was great dad! I got to talk to some good looking girls." Since my son is not very talkative, I had to ask, "What did you say to them?" He looked me straight in the eye with a heart warming grin and said, "Do you prefer paper or plastic?"

Wanda's Corner

Jim Payne and I were elected Co-conspirators (club reporters) for the Wheatstraw ARC group and decided he would do all the work and I would get to play. In other words, he will report the meetings and I get to do the interesting stuff like interview people. Now I am not saying his job is not interesting, it is and is also an important one as well. Let's get back to my little corner of reporting the news, shall we. I had thought to interview one of the oldest members of our club

first, but then I met our newest member. He is such an intriguing young man; I made an appointment to talk to him.

Bill Mills was born in Shattuck, OK and soon afterwards his family moved to Folette, TX. where he was raised. He went into the army at age 18, took his basic training at Ft. Lenoard Wood, MO. The Army moved him around a lot. He has been stationed in Korea, Ft. Bragg, NC, France, Germany, and Viet Nam. While in Nam, His sight began to fail. He lost his sight completely in 1983. He was living in Mustang, OK before moving to Hennessey, OK on November 4th of this past year.

He was 33 years old when he became a ham in November 1977. He had to go to Dallas TX to take his test. He and his brother became hams at the same time. Bill is on his third (and he says last) call sign which is K5ALM. You might try to call him on the radio sometime and I am you will be in for some good conversation.

Bill was born on March 21, 1945. His favorite color is Navy Blue. Favorite music is Country Western and he lists as his favorite hobbies as ham radio and sleeping. When asked about favorite foods, he replied, "You know Swan's and I do a pretty good job of cooking!"

He has one daughter Zeota Jean Ramerz, and a grandson and granddaughter who live in Texas. His mother lives in Welston, OK. He has three brothers, Bobby of Hennessey OK, Glen of Dallas TX and Michael of Oklahoma City, OK.

He came to live in Hennessey to be near his brother Bobby who is the Hennessey Police Chief.

Bill has a marvelous sense of humor. His blindness does not stop him from enjoying life and he is quite self sufficient. I am very sure he will be a real asset to our club. I enjoyed talking with him. Welcome Bill to our family at Wheatstraw ARC.

Smile...

Stu, KC5GTW keeps me supplied with jokes, and since I am no jokester, at least I don't tell them, just live them. I think I will pass along a couple of jokes to close for this month's article.

Noah Vail, who tighter than a Bull's Eye, Got married in his own back yard so his chickens could have the Rice.

Exercise is a morning ritual for old Ned Johnson. The first thing he does is to bend down and touch his slippers 50 times. Then if he feels like it, he gets out of bed!

Old Bill Johnson told his wife it was too cold to do the 'honey do's' in the Winter. He also said it was too hot to do them in the Summer. (I wonder if she thought about Spring and Fall?)

Wanda KC5CTW

Oklahoma Repeater Society, Inc

The Oklahoma Repeater Society, Inc otherwise know as ORSI contrary to recent rumors is alive and well. We held our first meeting this year on Feb. 6th in Stillwater. Our new repeater coordinator is Ed Jennings, KB5UKV. The permanent mailing address for ORSI is:

ORSI
P.O. Box 893175
Oklahoma City, OK 73179

We would like all coordination requests to go to this address, they will then quickly be forwarded to the coordinator. If you need the coordination forms write to that address. We will have a new web page soon which will have the forms available for download. If you have email you can send a request for the forms to the ORSI secretary at kd5fx@poncacity.net.

If you would like to join or re-join ORSI the annual dues are \$10, send a check to the PO box above. What are the benefits of membership? To facilitate the coordination of amateur radio repeaters under a state organization that is recognized and affiliated with the Mid America Coordination Council (MACC) and the American Radio Relay League (ARRL). We especially need members from the Southern parts of the state. Our next meeting should be in April and we plan to have it in the Southern part of the state, possibly Sulphur or Pauls Valley. Questions or comments can be sent to me at my email address above or the PO Box.

73,

Dave, KD5FX
ORSI Secretary



VHF Club

NEWS

W5LOW

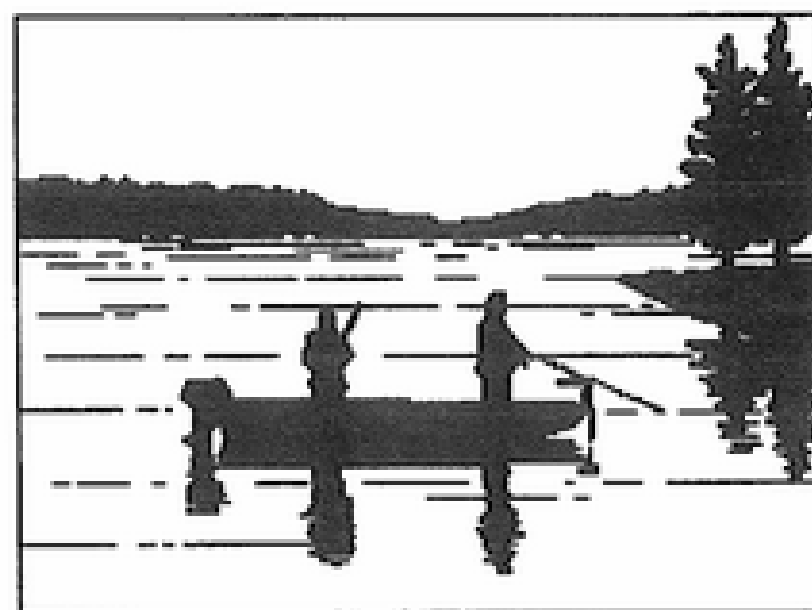
Elmer Goekler Memorial
Station

Oklahoma Central VHF ARC

The Central Oklahoma VHF ARC held the Feb 10th meeting at Home Town Buffet, 3900 N. W. 63rd. Meeting was called to order by Bill, WA5FWD at 1145 with 23 present. Treasurers' report was given and approved, as was minutes of last meeting. There was no Old Business and under New Business a good discussion was held concerning use of the club repeater during scheduled check-ins and at all times. Considering the ownership of the repeater that we are allowed to use, all members are reminded to be cognizant that others may be trying to utilize the repeater for priority traffic and to be alert to this possibility. Someone may be just waiting for a chance to transmit.

It was a good meeting, and a good luncheon, with a lot of good discussions.

73, de J. R., KB5WVE



Notice For All OK Hams

Right now the state Senate is busy at work and there is one bill we need to pay very close attention to. It is SB 671. This bill, if passed, will give us back the freedom to hold door prize drawings at our hamfest with a limit of \$2,500.00 spending cap.

SB 671 will cover other organizations as well such as churches, schools, little league baseball raffles and so on. It will allow them to sale tickets to raise funds and not be in violation of the current Raffle/Lottery Laws. It will allow us to sale admission to our hamfests and hold door prize drawings.

Make you voices heard on SB 671! Call your state Senator and ask him or her to please support this Bill. Many hamfest organizers have chosen not to comply with the current law, which made it a felony to hold any type of drawings, effective July 1, 1998. It takes just one person to make a call to the State Attorney General's Office and report your hamfest and it is all over for your organization. Instead of risking everything by breaking a law we do not believe in, lets change the law. CORA will work toward changing this law. Here is our chance!

The bill again is SB 671. Oklahoma State Senate, not the one in Washington, DC. If you do not know who your Senator is, call the OK State Senator's main line, tell them where you live and you would like to talk to your Senator. It is that easy. What are you waiting for?

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Skyline Restaurant
"country cooking"

Bryan, Cindy, Jennifer and Jessica

Ada Amateur Radio Club

The regular monthly meeting was called to order at 09:15 local by our club president Scott, KD5AJL there were 18 members in attendance at the Salvation Army Headquarters in Ada.

The financial statement was read and approved by the members as presented.

Old Business:

Mason, WT5X explained the problems with the VHF repeater antenna and what repairs will likely have to be made. It was decided to check with 10-2 Communications in McAlester and McKeels Towers to see what they would charge to climb the tower and make the needed repairs. It was also approved to pull the problem board from the VHF machine and send it away for repairs. The UHF machine is up and running on its own controller now and the old one is being modified as a back-up for either VHF or UHF we also have an uninterruptible power supply for emergencies on the repeater and will soon install a large back-up battery at the sight. The VHF digipeater north of town now has a pre-amp on the receive which has helped immensely and also has a new chip and firmware and is working better than ever. By now the UHF digi will also have a new pre-amp and should be working fine.

New Business:

John, KC5EJC talked to us about the new OKFIRST system here in Oklahoma, for weather information. He told us about a school at Murry State College in Tishmingo on the system. On the 18th of Feb at 06:30 P.M. in the new Nursing Center a class to be qualified would be held. Attendance is required and your organization must be approved.

Also on the 20th of February at the National Guard Training Center in OKC classroom #103 there will be a seminar and training for the Emwin system. John also reminded us, that when reporting weather be sure to give the section line

numbers on the maps. And report what is happening, the exact time this is happening so it can be forwarded to the National Weather Service as quickly as possible, in a useful format as our local landmarks will mean nothing to the people in Norman.

Charles, KC5TGA gave a short talk on how to get the Salvation Army badges for use when an emergency occurs you can show that you are part of the emergency services that will be coordinated through the Emergency Operations Center and John Burchett, KC5EJC.

On March 15-19th there will be a school for Public Information training at Oklahoma City, the cost of rooms, and mileage will be paid if interested please contact John, KC5EJC, or Charles, KC5TGA.

We were informed that ADA almost lost their Red Cross in the area we will have to see how this develops.

The new club rosters were passed out and we now have a of the owners manual for our Alinco-605 which will stay in the building and our club station at the Salvation Army is getting better as we have time to get things going.

The meeting was adjourned at 10:10 AM local time. Hope everyone had a good Valentines Day so long from ADA.

D. E. Coffey KM5LB
Club Secretary

DX'ers investigated

The United States Postal Service is reportedly investigating about a half a dozen U.S. hams for alleged postal fraud. This, involving the way that they allegedly prepared Self Addressed Stamped Envelopes sent to QSL managers of DX'peditions.

The inspectors are trying to determine in the hams deliberately misplaced postal stamps in such a way as to avoid being automated canceled and making them reusable at a later date.

The investigation is being coordinated by the Postal Inspector in Phoenix, Arizona where the alleged fraud was uncovered. The inquiry reportedly includes radio amateurs residing in New Jersey, Ohio, Massachusetts, Connecticut, Kentucky and Florida. A number of overseas hams are also alleged to have taken part in the scheme.

ARRL vs. Y2K

The ARRL will take on the dreaded Y2K bug. Following a study of the Year 2000 computer issue by its Volunteer Resources Committee, the Leagues Board of Directors has recommended that Section Managers, Section Emergency Coordinators, and ARES groups enter into Memorandums of Understanding with public utilities and public safety agencies. This to provide for any emergency communications necessitated by possible Y2K problems.
(ARRL)

1999 AMSAT Symposium

AMSAT's 17th Space Symposium and AMSAT North America annual meeting will be held at the Hanalei Hotel in San Diego, California. The dates are October 8th to the 11th. For more information go to the world wide web at:
<http://amsat.org>
(AMSAT)

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Oklahoma City Autopatch Assn.

Minutes of the OCAPA meeting for January 19th, 1999.

Secretary's Report - There was no Secretary's Report.

Treasurer's Report - The treasurer's report was approved.

Technical Committee - Loyd, AB5I, reported that OCAPA cannot get on the KWTW tower until KWTW has finished its work on the tower. That means we cannot get up there until March or April.

It was decided to conduct an antenna survey to discover how the present antenna covers our local area and where the nulls are. If you are interested in helping to conduct the survey, contact Hal, KB1ZQ or Glenn, N5WNL.

CORA Report - There was no December CORA meeting. The next CORA meeting will be on January 26, 1999 at 7:30 PM. It will be held at NW 50th and N. Penn. at Salvation Army Divisional Headquarters.

Storm Spotters - John, N5SAM, will check with KWTW on scheduling a storm spotter meeting.

Meeting was adjourned.

Respectfully submitted,
Forrest Rush, N5VWF
OCAPA Secretary

Minutes of the OCAPA meeting for February 16th, 1999.

The President of OCAPA, Glynn Massey, N5WNL, opened the meeting at 7:30 PM.

Secretary's Report - The Secretary's Report was accepted as printed in the C&E.

Treasurer's Report - The Treasurer's Report was approved.

Technical Committee - No Report.

Antenna Survey - To conduct the survey properly we need volunteers. We also need two 300 watt inverters. If you would like to help, Contact Hal Miller, KB1ZQ at (405) 672-7735 or Glynn Massey at (405) 631-2731.

CORA Report - Ham Holiday 1999 will be held on July 23rd- 24th, 1999. Friday will be from 5 PM to 9 PM; Saturday will be from 8AM to 5PM. Prices remain the same as last year's hamfest.

If you have an idea for a program you would like to see at Ham Holiday 1999, get in contact with Hal Miller, KB1ZQ or Forrest Rush, N5VWF.

Field Day - Mark Hamblin, WL7FT and Forrest Rush, N5VWF were elected to the Field Day Committee.

ARRL Membership - If you are a member of the ARRL as well as OCAPA, call D.C. "Mac" Macdonald at (405) 672-4947 and give him your membership information.

Meeting was adjourned at 8:10 PM

Respectfully Submitted,
Forrest Rush, N5VWF
OCAPA Secretary

From Clarence Warstler, KB5IBY

The students in CRT/Ham class 001 completed the course and are all licensed amateurs. The students were required to also be graduates of the OKC PD Citizen Police Academy Class and our purpose is to assist the OKC Mobile Command Post with communications. The names and calls of the students are:

Sara Grossman, KD5GDF
Glenn Grossman, KD5GDG;
Earl Willey, KD5GDS;
Ron Cochran, KD5GEZ
David Layne, KD5GFA
Dianne Jones, KD5GFB;
Robert Mitchell, KD5GFC
Dennis Deal, KD5GFE

Their instructors were Clarence Warstler, KB5IBY and Brad Nelson, KJ0W
Congratulations to all these students!

TEXAS HAMS MOUNT PRB-1 EFFORT

At the request of radio amateurs, a bill was introduced in the Texas House of Representatives to incorporate the essence of the limited federal preemption, PRB-1, into state law. The measure, HB 1345, was introduced by State Rep Patricia Gray at the request of Karl Silverman, N0WWK. Silverman is president of the Johnson Space Center Amateur Radio Club.

The bill would amend the Local Government Code in Texas to prevent local jurisdictions from enacting or enforcing ordinances that fail to comply with PRB-1. The bill further would require ordinances dealing with Amateur Radio antenna placement, screening, or height based on health, safety or aesthetics to "reasonably accommodate amateur communications" and "represent the minimal practicable regulation to accomplish the municipality's or county's legitimate purpose."

A hearing on the bill before the Land and Resource Management

Committee is set for March 1. Silverman is scheduled to speak

on behalf of the bill, and other speakers also might have an opportunity as well. A letter Silverman circulated to Texas clubs to gain their support for the measure cites the success of Virginia hams in passing the nation's first and only specific tower protection bill. Silverman's appeal asks hams to contact the governor and state lawmakers to express support for the pending legislation. He's also asked Texas hams to turn out for the committee hearing March 1 (8 AM CST, Room E2030, Capitol Building).

Last year, the Plano Amateur Radio Klub (PARK) was instrumental in negotiating a amateur tower compromise in that Texas city in the wake of concerns over Amateur Radio antennas and interference. The compromise would permit 50-foot towers or units that could be cranked up to 75 feet while in use without requiring a special-use permit.



Choctaw Amateur Radio Club

February Meeting Minutes

Club Dues Now Due

This is your last edition of *C&E* if you have not paid your club dues are \$20 per calendar year and can be paid by mail to: Ron Earnest at 1125 N Anderson Rd. Choctaw, Ok 73020.

Old Business

It was brought up how to pay for the electric bill at the repeater site. A vote was taken and it was decided upon to pay \$60 to the repeater trustee out of the clubs account.

A discussion was held about incorporating the club to protect the members from libel. No action was taken.

New Business

A new location needs to be found for the packet tower. It will need to be dismantled and moved, and volunteers will be needed. Please contact any of the club officers if you would like to help.

An idea was put forth to move the voice repeater's antenna on the tower to help reduce interference with Claremore's repeater. No action was taken.

It was discussed that opening time for the April 10th swapfest be moved up to 8:30 am for general admissions, but the vendors will still be allowed in at 8am. The club would like to let the amateur community know that there are voice announcements posted on the 147.090 club repeater. If for some reason the event is cancelled, it will be announced there. I will do my best to check in on other repeaters and spread the word as I am notified.

BBQ for hams...

It was decided that the next club meeting will be held at Spencer's BBQ at 6:30 p.m. The location is at 23rd and Post Rd. in the strip mall. The reservations for us are confirmed, so please show up, as we would love to see everyone there.

KC5DSW Tim Harper passed out GPS documents and displayed a military surplus antenna that is designed for NVIS and is designed to be laid out on the ground and used on frequencies 2-65 Mhz

We had planned to hold the meeting on the air, but we were not able to hit the repeater from inside the building. Next meeting we may try to crossband out to a vehicle and conduct the meeting on the air that way for those of you who wondered where we were.

The meeting was adjourned at approx. 7:52 p.m.

This report submitted by Tim Harper, KC5DSW

Handi Ham Campout

The Handi-Hams will be holding their winter 1999 Convocation and Camp-out in Malibu, California from February 28th to March 7th. The venue is again Camp Joan Meier overlooking the Pacific Ocean. For more information, go to the web at:

<http://www.handihams.org>
(Handi-Hams)

In tune

The South Australian Company RF Systems has announced the world's first tunable footprint antenna for the DCS Band, the Celwave DPD panel antenna.

The company claims that by altering the phasing within the antenna that beam tilt is achieved without any physical change. This enables the user to fine-tune the footprint to suit service areas changes such as

subscriber density relocation, direct and indirect interference problems and so on.
(Q-News)

DX

In DX, word from Matti Laine, OB2BH that a major international amateur radio operation from Palestine began operation on Tuesday, February 16th. The DXpedition came on the air at about 12:00 UTC signing E44DX. That's the new callsign of the Palestine Wireless Society.

The operators are using two stations and concentrating on 3.795, 7.005, 14.195 and 21.295 MHz. Before winding up the DXpedition on Tuesday, February 23, the team will provide additional bands, with frequencies to be announced later. QSL the E44DX operation via OH2BN

Teenage Irish Genius

The story of an Irish teenager who may have revolutionized the world of electronic mail.

Sixteen year old Irish schoolgirl Sarah Flannery has devised a new code that will send e-mail ten times faster, and just as securely, as the current data protection code for e-mail. The current code was developed in 1977 by three MIT students. Sarah says she is considering publishing her discovery rather than patenting it, because she does not want people to have to pay for it. As you might expect, Sarah is being deluged with job and scholarship offers.

Now -- if we could only get Sarah and other kids like her interested in ham radio. She's the kind of young person that we really need in the hobby.
(Q-News)

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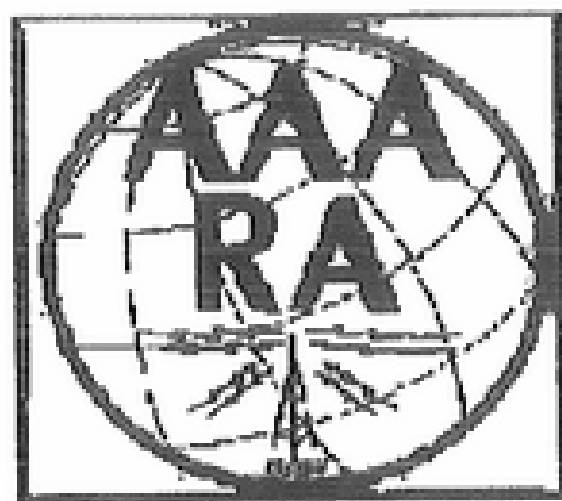
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Kansas City, MO 64152

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(816) 891-0036 Fax

E-Mail: szahos@tfs.net



Altus Area Amateur Radio Assn.

February Minutes

Meeting held at 711 W Tamarack Rd.
Altus, OK 11 Feb 1999

Meeting called to order at 7:10 PM. by
James, AB5FS.

Intro.'s- Done, 21 attended.

Last months Minutes - Read, voted and
approved

Treasurers Report - Read, voted and
approved

Old Business-

Red Cross Van - The White Ghost is in
need for a home, the city has made several
comments about it to Dwight. Any one,
who has worked on it and/or seen it,
knows that some work has gone into it
with a labor of love, knowing we would
have a Mobile Command Post, for area
events. Any Ideas or a Home?

Dave Wallace from CH 7 (KSWO- TV)
Lawton, did a great job with the yearly
Pre-Storm Season training program.
(Dave, too bad the screen was not
working, but it was, just had no screen in
it, that white board did the trick. Hey the
Video would have worked too, If you had
one. Great job once again, till next time.)

February 25th will be the 5th Season
Storm presentation at the City Auditorium
at 7:00 P.M. This is done by CH 7
(KSWO- TV) as a live broadcast.

Dwight, had made known that the Altus
area NOAA Weather Radio Station is up
and running at 162.425 Mhz.

New Business-

Club UHF Repeater, needs a second
Antenna and some coax to get it near
running stage. The Club Voted and
Approved Funds for this, any remainder
will go back to the club funds.

MARS Radio - was Tabled till next
Meeting.

The Bunny Rabbit Award was given away
by Dale, N5VX, to Yes, James, AB5FS,
well here it goes again to James. But don't
worry James, Dale had it for 2 months in a
row.

Christmas fund donation - Ron, KD5CYW

Meeting adjourned at 9:20 p.m.

Next Meeting on: 11 Mar 1999 at 7:00
PM. at South West Technology Center.
711 W Tamarack Rd. Altus, OK

Addendum to -

Gene and Jane sent a thank you card to the
club for the Christmas Dinner.

by Ron, KD5CYW

AAARA Secretary

Email rroman@intellisys.net

Note: If any AAARA member has an
Email Address, please let me know. We're
trying to get club member listing together.

Thanks,
Ron.

23 Feb 99 Test Session....

6 VE's on hand...3 Folks Tested

4 Elements taken, 4 Pass, with this...2 New
'Techs' (no-code), 1 Upgrade to 'General'
100% rate, good going folks, and enjoy.

South African hams respond to flood emergency

Thursday, February 4th saw South Africa's
Hamnet KZN emergency communications
network go to full alert. This, in response
to the serious flooding in and around the
city of Durban.

In excess of seven inches of rain fell in the
Durban area in less than an hour. The
deluge caused roads to be blocked and
houses to be washed away. Local
emergency services in many areas were
inundated with calls.

So hams set up an emergency
communications net on a repeater in the
Durban area. ZS5VO was its coordinator
with the net staying on full alert until
Sunday, February 7th. The South African
hams are credited with providing valuable
backup communications through their well
established links with the emergency
services.

Weather experts say that the effects of the
La Nina weather system over the Pacific
could result in further unpredictable
conditions and flooding well into March
and April. South Africa's Hamnet says that
it is well prepared to respond to any
emergency.

(SARL)

The Ham Radio Business Report

Some happenings in the world of ham
radio commerce. Here's our business
reporter Don Wilbanks, KC5MFA.

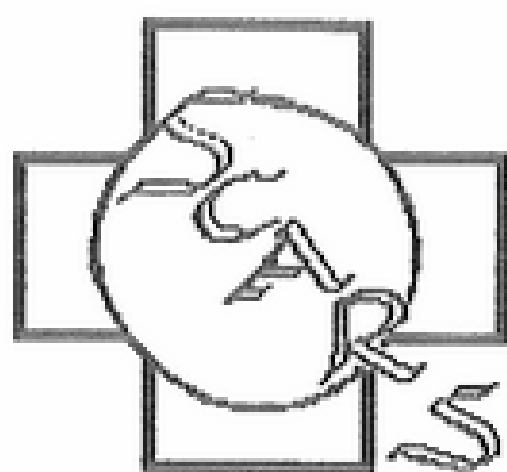
We start this week in Newington,
Connecticut with word that Eugene
Hastings, W1VRK, along with League
Directors John Kanode, N4MM, and Greg
Milnes, W7AGQ, were elected to three
year terms as directors of the ARRL
Foundation. Also, the Leagues Board of
Directors has reversed its policy of
providing consignments of publications to
be sent on request to ARRL conventions
and hamfests. The Board said that several
years of experience had shown that the
policy was not financially successful.

Now to Torrance California where Ten
meters is starting to sizzle and Alinco is
helping to keep the band hot with is new
DR-M03SX ten watt FM mobile
transceiver. The radio features with 100
memories, CTCSS encode standard,
adjustable repeater offsets, and a DTMF
Microphone. The suggested retail price is
\$259.95. For more information go to:

<http://www.alinco.com>

on the world wide web.

(ARRL, Alinco)



South Canadian Amateur Radio Society

Minutes - SCARS Regular Meeting
Saturday, February 13, 1999

The Club Vice President Steve called the meeting to order at 09:30
Pierce, W5BIV.

Treasurer's Report - Jeff, KE5EB, reported on the balance in our account.

W1AW Receiver Kits - Ed, N3US, is ordering five of the receiver kits for the club construction project. Several members volunteered to assist with the project. Any additional members interested in assisting please give Ed a call.

Station Equipment - Jeff, KE5EB repaired The Kenwood power supply, at a price of \$55.00. THANKS to Jeff! Gayland, KC5MMU, reported that the radio room was temporarily being used to store some ARC material. This should be resolved in the near future. Congratulations to Gayland on his selection as the new Disaster Director for the American Red Cross tri-county area. Volunteers are needed to assist with disaster communications during Red Cross drills and emergencies. If you can help, give Gayland a call.

The upcoming Ham Holiday was discussed and our role again this year is to set up and run the swap tables. We will follow the same procedure as we did last year - it worked very well. Our faithful volunteers will be needed - they did a GREAT job last year!

It was announced that the Norman Weather Service Office would be

conducting a Storm Spotters school on March 9 at the Moore-Norman Technology Center (the Vo-Tech). The date and location of upcoming Hamfests and swap meets was announced, as well as information on the FCC approved ARRL 5 Mhz communications test. It is anticipated that this band will become a new authorized Amateur frequency in the future.

The meeting was adjourned at 10:00.

Submitted by Steve Pierce, W5BIV
VP/Secretary

Colombian disaster fund

Amateur Radio is helping to bring together Colombian citizens worldwide with their relatives in the earthquake devastated city of Armenia. Rick Lindquist, N1RL, of the ARRL Audio News has more: Hams are helping to staff a Miami telephone call center for those seeking to get in touch with family and friends in the earthquake stricken region of Colombia. The number for the Colombian Information Center at (305) 805-5550.

A quake measuring 6.0 on the Richter scale struck January 25 in west-central Colombia's mountainous coffee-growing region. Upwards of 1000 people died, thousands of others were injured, and damage was wide spread.

Many of those staffing the call center are affiliated with the Sociedad Internacional de Radio Aficionados (Society of International Radio Amateurs).

David Rosen, K2GM, of the Radio Readiness Group says continued spotty telephone service to the region has kept the call center busy since it started up February 2. Rosen said the center resulted from an AT&T request for help in furnishing information about the affected region to callers unable to get through by telephone.

Rosen credits SIRA President Rafael Estevez, WA4ZZG with the idea of setting up a single location to receive incoming calls. With telephones down in the affected area Estevez says Ham Radio is making the difference.

"Definitely Amateur Radio was the main link because when you don't have telephones you cannot have internet. But, Amateurs still can still carry back and forth messages."; Estevez

SIRA volunteers are being assisted by members of the Kiwanis Club of Colombia, students from the University of Miami, the Colombia Disaster Fund, and the Radio Readiness Group.

The Colombian Information Center number again is (305) 805-5550.

For more information you may contact Rafael Estevez, WA4ZZG at (305) 822-1688 or David Rosen, K2GM at (212) 987-4550.

(ARRL, SIRA, WA4ZZG)

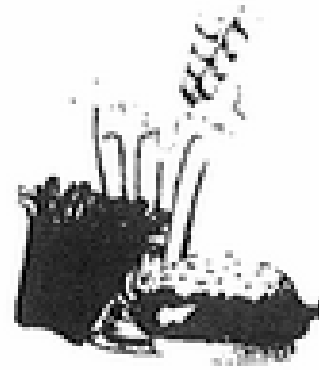
ZS Special Event Station

On the international scene, word that South Africa's Boland Amateur Radio Klub will be running a special event station over the weekend of February 27th to Monday, March 1st. This, to celebrate the 150th birthday of the L'Agulhas Lighthouse. The special callsign ZS150LL will be used on all the popular High Frequency bands and all contacts will be confirmed with a very special QSL card.

The L'Agulhas Lighthouse was built in 1848 and put in to operation on the 1st of March 1849. It is the second oldest lighthouse and the Southern most lighthouse in Africa.

(Q-News)

NSWNL
GLYNN MASSEY



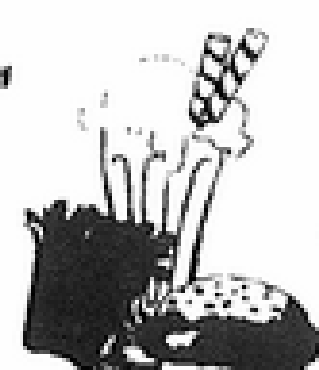
Dairy Kurl Drive Inn

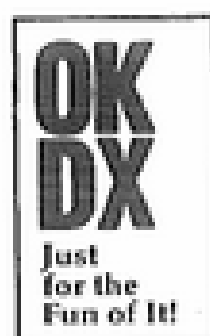
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KC5VZN
JAN MASSEY





OKlahoma DX Association

From Da'Prez...

By Bruce Burnette, K5PX



OKDXA President Bruce Burnette
at the Golden K5PX Microphone
(not)

OKDXA Meeting Coming Up...!

It's time to look forward to the next meeting of the OKDXA! Join us at the Green Country HamFest in Tulsa on Saturday, March 20th at 11 am. Check the HamFest schedule for the room location or any last minute changes. And, be sure to look for the OKDXA table in the swap meet area. We suspect there are many C&E readers who have wanted to join the OKDXA but just haven't gotten around to it... If this sounds like you, there will be no better opportunity in the Tulsa area to join the OKDXA until next year. For the paltry sum of \$10, new members can enjoy a half year, that's six full months, of the imaginary esteem, envy, and respect of all Radio Amateurs from coast to coast (and the farthest reaches of the globe) that comes with every OKDXA membership... Can you think of a better way to invest a measly \$10 in your favorite hobby?

Well, sure, we know you can, especially at a HamFest, but at least give us some thought. The OKDXA is internationally recognized for their support of activities like DXpeditions enjoyed by many Hams worldwide. If your radio universe extends beyond the local repeaters, the OKDXA shares your interests. Be sure to stop by and pick up a membership application. We'd enjoy seeing you and sharing a few 'exaggerations' about your DX contacts, but only if you'll listen to ours...

- de KC5QVV

Secretary/Treasurer News...

By Mark Byard, N5OG

Greetings fellow OKDXA members. I am happy to report that I have a few items for this month's newsletter. Poor Nelson was left to go-it-alone last month. Sorry, but there was simply nothing to report.

Call Sign Change

OKDXA member and transplant to North Texas, Lee Ward, is sporting a new vanity call sign. Lee, who was W5UDA for several millennia, is now N5PO. I am including Lee's e-mail address that still uses W5UDA for now.

Hi Mark:

Just a short note to let you know about my new call: N5PO. It's a great CW call. My e-mail address w5uda@juno.com is still



Club members Larry Fine (left) and Moe Howard (right) demonstrate the OKDXA method of adjusting audio compression at the 1998 Green Country HamFest

good until I decide what to do about that. I'm not on the air yet, but I have my tower base and plate done. Just waiting for the concrete to set up good. I hope to be on the air for the ARRL DX CW Test later

this month. I have the DX cluster up and running and see W0ECM, N5OK, and N0MSX connected most of the time. My home node is WC5P.

Gotta run... Take care es 73's

Lee ex-W5UDA

Members on the DXpedition trail

We have two OKDXA members who will be setting sail for the hinterlands in the coming months. Read on

• N5PA to Malawi, 7Q

OKDXA member Alan Clark, N5PA from Edmond, is planning to be in Malawi again this summer. Alan writes that he plans to operate as 7Q7PA from July 3 through July 13. He promises to forward more info as the time approaches. If you'd like to contact Alan his e-mail address is alan_clark@rocor.com and his phone is 405-945-2621. Thanks for the note Alan!

• AH0W to Rodrigues Island, 3B9

OKDXA member Frank Smith, AH0W, sends this note regarding the Midway-Kure Foundation's DXpedition to 3B9 scheduled for early April

"The Midway-Kure DX Foundation announces details for its 1999 Rodrigues Island 3B9 (AF-017) DXpedition, scheduled for 01 through 10 April 1999. A team of nine operators representing five countries will conduct the DXpedition on all modes from 160 through 6 Meters. Plans are for up to nine fully equipped HF stations to operate from a number of locations throughout the island. One station will be dedicated to RTTY only.

The DXpeditioners are Bruce Butler W6OSP, Kimo Chun KH7U, Jari Jussila OH2BU, Victor Keller XE1VIC, Jacky Mandary 3B8CF, Garry Shapiro NI6T, Yuuji Yoshitani JA3IG/K1NT, Ned Stearns AA7A and Frank Smith AH0W/OH2LVG, team-leader.

Chief pilot stations will be Andy Chesnokov UA3AB and Gary McClellan K7ZD. QSL manager is Joyce Johnson

N7LVD. Callsign TBA later. Inquiries: mkdxf@aztec.asu.edu

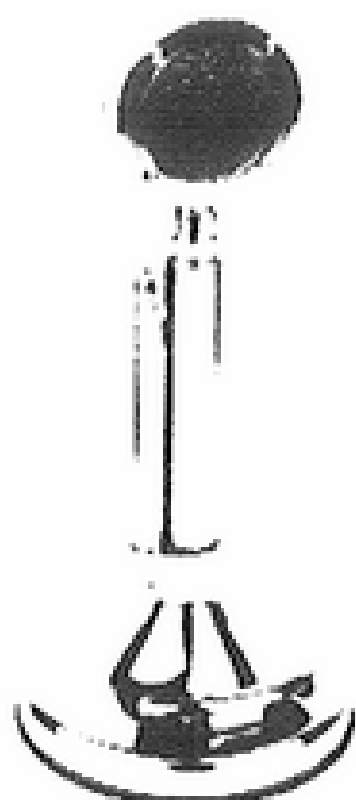
Best 73/GL and CU in the pileups!
Midway-Kure DX Foundation WH7M"

Current Membership

Our membership as of this writing is 85. We have had no new members this month. If you need membership apps for your friends, let me know and I'll get them to you, or you can visit our web site:

<http://www.poncacity.net/n5og/okdxa>

That is all for March. More next month from N5OG. 73!



OPDX Bulletin - Internet Edition

The Ohio/Penn Dx PacketCluster, Editor
Tedd Mirgliotta, KB8NW Provided by
BARF-80 BBS Cleveland, Ohio

DXCC News Release

DXCC STATUS OF BURUNDI CONTACTS (9U)

Since 1994, the DXCC Desk has received documentation for operations from 9U, Burundi, including licenses complete with stamps and signatures. However, the DXCC Desk has heard rumors these documents were forgeries. The Director General of ONATEL, the communications authorities in Burundi, contacted us by fax inquiring if we had seen licenses from Burundi. After several faxes back and forth, they informed us the licenses were forgeries.

Since that time the DXCC Desk has been rejecting cards from Burundi and as soon as possible the DXCC computer program will purge all 9U contacts from the DXCC database. This should happen by March, 1999 and will affect all entries since 1994. The submission of forged documentation is a clear violation of DXCC Section 1,

Basic Rule 7, and also Rule 12 (a). For more info contact Bill Moore, NC1L.

E44DX meets Yasser Arafat

The following press release was provided by Tim Totten, N4GN

In their first 48 hours of operation the E44DX Palestine DXpedition has logged more than 10,000 QSO's and met with Yasser Arafat who expressed his support for Ham Radio and sent his regards to the worldwide Amateur community.

E44DX has two stations on the air with Yaesu FT-1000MP radios, FinnFet amps and several dipole and vertical antennas. Power has been limited to 400 Watts or less due to interference with the hotel's telephone system. The current schedule is:
06-1000Z - Japan, 10-1300Z - Europe
13-1600Z - U.S.A.

E44DX is the call of to the Palestinian Amateur Wireless Society. Arrangements are being made to leave behind equipment for the club station, assuring continued amateur radio activity from Palestine.

DX News

• **E4, PALESTINE**

The excitement continues even though the LIDS, KIDS and SPACE CADETS try to disrupt operations. REMEMBER to ignore them! Anyway, several stations have been active with more to be aired in the coming weeks. In mid February, Ali, JY4NE and Sami, ZC6B/KF2GJ were active from Gaza as E44A and E44B respectively. QSL E44A to JY4NE, PO Box 9392, Amman 1191, Jordan. QSL E44B to: P.O. Box 1008, Gaza, Palestine.

Ray, HS0/G3NOM reports five members of the IARV (International Amateur Radio Volunteers) led by JA1UT will soon return to Palestine, Gaza and West Bank to complete their aid project at a hospital facility. In their evenings they plan to be active as E44MPT (Ministry of Post and Telecommunications) on 3.5 through 28 MHz including the WARC bands using CW/SSB/RTTY. QSL will be via JA1UT as per ZC6MPT.

A third group is headed to Gaza. Look for Martti, OH2BH - Pekka, OH1RY - Pekka, OH2TA and Bernie, W3UR to be active from the Palestine Hotel. Their call signs

and QSL routes have not been announced, but they will operate with the E4 prefix. Bernie, W3UR editor of "The Daily DX", reports their team will be working with the IARV to prevent interference to other E4 stations. They plan to operate the most productive bands using CW and SSB.

• **CEØ, EASTER ISLAND**

Roberto "Bob", CE3CDV, reports a group of 10 friends will depart on February 27th to activate Easter Island as CEØAA. They will be active until March 20th on 160m thru 6m CW/SSB. Their QSL Manager is Sergio Del Gaudio, CE3WDH, P.O.Box 240-3, Santiago, CHILE. QSL's via the Bureau are OK.

• **3D2, FIJI**

Karl, KØKL, will be active as 3D2KE March 20-27th. Activity will be mostly on 40 and 15 meters CW. QSL via home call.

• **9G, GHANA**

The "DX News Letter" reports that Hardy, DL1IAL was expected to be active as 9G5HK for three months starting in February. So far there have been no QSNs reported. QSL via DL1IAL.

• **KG4, GUANTANAMO BAY**

The Florida DXpedition Group will be active March 18-25th. Listen for Bill, W4WX / KG4GC and William, N2WB / KG4WB to be active during the BARTG RTTY Contest (March 20-21st). Their contest call sign will be KG4WB. Also, listen for them before and after the contest on all bands with special attention to 6 Meters and RTTY. QSL via home call.

• **GU, GUERNSEY**

"The 59(9) DXReport" is reports that Bill, G4YWY will be active March 24-28th as GU4YWY/M. Listen for him on 17 and 15 Meters plus the IOTA frequencies. QSL via his home call.

• **VK9L, LORD HOWE ISLAND**

Ed, K8VIR will be active March 6-18th as VK9EHH. Listen for him SSB on 14162, 14260 and 21300 kHz. QSL via W8WC.

• **5T, MAURITANIA**

The International Amateur Radio Volunteers (IARV) will establish an emergency radio communication system in the North Mauritania area. Tada,

JA1CPS is the leader and will head up a team of 5 operators. Yoshi, JA1UT, is NOT going to Mauritania this time due to the Palestine operation. The IARV will be on the air from March 11-17th. Listen for them on 80-10 Meters, including the WARC bands, CW/SSB/RTTY. They will operate on the popular DX frequencies during their spare time. QSL via JA1UT.

• 3B8, MAURITIUS

The "DX News Sheet" reports that Mart, DL6UAA will be active from March 8th to April 24th as 3B8/DL6UAA. He will be part of the PAM (Paradise on Air Mission) DXpedition. QSL via home call.

• 9M2, WEST MALAYSIA

"The 59(9) DXReport" reports that Ross, 9M2AX, is quite active on 160 meters. He uses a Sloper 160 ft. up for JA, EU and NA; and an Inverted L at 170 ft. for Africa, 4S7 and VQ9. On the receiving end, he uses 1000 ft. Beverage at 130 ft. (?-ed) OPDX has spotted 9M2AX on 1833 kHz between 1400 and 1430z. Also, check 80 meters during this time.

• XF4, REVILLAGIGEDO

A group from XE1 operators will activate Socoro Island, NA-030 in the Archipelago of Revillagigedo March 1-15th. Their call will be XF4MX. Activity will be on 160-10 Meters, Satellite, RTTY, CW and SSB. They will also be in the ARRL DX SSB Contest as a Multi-Single entry.

• HKØ, SAN ANDRES (Update)

Woodbridge Wireless Inc. (WWI) of Woodbridge, VA announces their 4th DXpedition will be active during the 1999 ARRL DX Phone Contest. The call is expected to be HKØ/W4DC but they are trying to obtain a shorter contest call. They will operate March 2-9th with two transmitters on the air during the contest. All contest QSOs will be confirmed with a photo QSL via the bureau. Send an SASE to W4DC direct or for QSOs outside the contest. The "TEAM SAN ANDRES" members are W4DC, K5OF, AA3KX, WB4ZNH, WN4FVU, N2PP, and WZ8P.

• S7, SEYCHELLES

Erik, SMØAGD with his XYL Eva and Thor, LA7XB will be here from March 1-14th. This is not a full-scale DXpedition.

Listen for S79AG and S79XB on 40 CW above 7050. QSL to operator's home call.

• A3, TONGA

Paul, A35RK, has returned to his home on Lifuka Island. Cyclone Cora did some damage. He has received repair parts for his Force-12 Yagi and will overhaul it as soon as possible. ("It works, but it's bent and loads a little funny"). His Butternut vertical (80/40/30 meters) is not working on 80m. His TS-450 was repaired in New Zealand and he bought a new battery bank and solar panel to solve the "chirpy CW" problem. His ICOM 706 is still in New Zealand waiting for parts from Japan. He has a 2 element 6m beam and will be working 6 Meters when the IC-706 returns. Future plans include a trip to Fiji in May for 3-4 weeks. He will operate as 3D2RK from both Viti Levu and Vanua Levu, CW. He may return to Tonga via Wallis Island (FW) but this is not certain.

• 3V8, TUNISIA

The "DX News Sheet" reports that Vlad, UA2FF, and other operators will be active in the CQ 160 Meter SSB Contest from the 3V8BB station.

• 4U1ITU, ITU HQ

Listen for Don/K2KQ, Tom/K1TW and Piero/IK2BHX to activate 4U1ITU in the ARRL DX SSB contest as a Multi-2 entry.

• EN5, UKRAINE

Listen for EN5J as a Multi-Single in the ARRL and CQ WPX SSB Contests. QSL via KG6AR: Chris Williams, 1117 S. Del Mar Ave., San Gabriel, Ca. 91776-3034.

QSL INFO AND NEWS

3D2DX: Roberto, EA4DX reports all the QSLs received direct with postage have been processed, labeled and mailed. If you have not received your cards, e-mail Roberto via rdiazg@nexo.es and he will check. You can check the logs on the web at www.qsl.net/ea4dx/3D2DXlog1.htm. Do not send bureau cards as he is not a member of the Spanish Bureau. Roberto states the September, 1998 3D2DX DXpedition netted a total of 15,500 contacts on 160-10 Meters SSB and 500 on RTTY (15/20 meters).

There is a new QSL route for WP3C. Please QSL to: Alfredo Velez, HC-02 Box

7455, Utuado P.R, 00641 U.S.A. Alfredo's E-mail address is: morse@coqui.net

Pierre, VE2EH, reports that he is the QSL Manager for CO9BCC, CO2WF and HH2LQ.

Masahiro, AJ3MI has returned from his trip to Vienna, Austria; Tbilisi, Georgia; and Geneva, Switzerland. Masahiro was on the air from 4U1VIC on January 28th and 4U1ITU on February 5, 6, and 7th. He made about 200 QSOs from 4U1VIC and about 1,650 QSOs from 4U1ITU. He suggests sending your QSLs via the bureau or direct to the following address: 4U1VIC - Vienna International Centre, P.O.Box 200, A-1400 Vienna, Austria 4U1ITU - International Amateur Radio Club, P.O. Box 6, CH-1211 Geneva 20 Switzerland

BQ9P, B1A and BT2HC update:

Steve, KU9C expects to be mailing QSL's by the time you read this. If you requested several calls in one envelope, be patient as this slows the process. He is aware of most award deadlines and will do his best.

Steve, DJ7AO reports that he is now the QSL Manager for Ray, DL2GG/YV5. Please send your QSL via bureau or direct to DJ7AO: Stefan Reyers, Luebecker Str. 4, D-22964 Steinburg, Germany. Don't use the CBA of DL2GG because he is living in Caracas.

SPECIAL EVENT

Industry Canada has issued the call sign **XL3D** to celebrate the 25th Anniversary of the Ontario DX Association for the period starting 0000z March 25th, ending at 2359z April 25th. XL3D will take the place of **VE3ODX** as one of the two "10 point" stations in the 3rd Annual Ontario QSO Party to be held April 24th at 1800z through April 25th at 1800z. QSL direct with SASE or SAE with sufficient return postage to: XL3D, Ontario DX Association, P.O. Box 161, Station A, Willowdale, Ontario, M2N 5S8, CANADA. Or you may QSL via the bureau to VE3ODX or VE3SRE.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit.

Doctor DX...

Doctor DX, Halloween 1998

Dear Doctor DX:

I'm on a limited budget and my antennas suffer from a lack of height. What are the alternatives to an expensive tower?

Signed: Limited Horizons

Dear Horizontal:

Depending on your QTH, trees, low cost telescoping TV masts and wire antennas are the usual solutions. But, if you want the latest wrinkle in antenna supports, consider a set of tower seed nuts. Rumor has it they were co-developed by ShaZamaHamaTronics in cooperation with the OSU Ham Extension Service

near Bochita, Oklahoma and are well adapted to growing conditions in the Midwest. When buying your tower seed nuts, look for firm examples of equal size with no signs of improper storage. The concept is simple. You plant three or four seed nuts 18" to 36" apart in a triangular or square pattern and grow a tower. The rate of growth depends on your weather and QTH while the height is determined by the seed nut size. Common sizes are 1 1/16" through 1 7/8" for towers in the 30 to 120 foot range.

While the technique shows promise for low-cost antenna supports, it's not without a few drawbacks. Late frosts will not harm the tower sprouts, but soils with low iron content can stunt their growth and weaken the tower. Treat your soil with generous amounts of iron sulfate and zinc phosphate before planting and during the growing season. This will cause Bermuda lawns to die back from the tower base and reduce the risk of lawn mower damage from the sprouts. Thick clay soils and areas with poor drainage encourage root rust but the commercial grade stainless varieties should be more resistant.

The galvanized varieties grow much faster and are far less expensive than the stainless varieties but field trials are

currently underway on hybrids. If a galvanized sapling can be grafted to a stainless rootstock it will offer the best of both varieties and will likely be sold as a dormant 'ready to plant' bare-root tower.

Common mistakes include failing to brace the sprouts against wind damage and training their growth to the proper angle. Another is keeping the tower pruned. A clean, sharp hacksaw blade sterilized with a bleach solution before each cut is essential to prevent infection or excessive scarring. A follow up with a flat mill file to dress the pruned surfaces will result in a tower you can be proud of. You should not use a young tower for any but the lightest antennas as they bend easily and can become bowed for life. Despite the maintenance involved in starting your antenna farm, don't forget a mature home grown tower gains strength every season in contrast to a conventional tower that grows weaker with age. This is a strong advantage that will make home grown towers popular in the future.

According to the Old Farmer's Almanac, the best tower planting day for 1999 is April First.

Good Luck.

* Our monthly C&E Special from your friends at FUBAR ShaZamaHamaTronics of Broken Arrow *

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Year 2000 Compliant - Y2K OK !!!

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CALL 1-900-I-AM-A-LID TO ORDER YOURS TODAY !

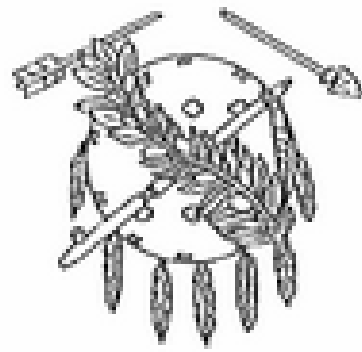
Be Sure to mention you saw it in the Collector & Emitter - Visit us on the Web at <http://www.victoriassecret.com>

Want to become a member of the OKDXA? Contact Mark Byard, N5OG, 504 Foster Ave. Ponca City, OK 74601-2519

Have some DX News? Contact Nelson Derks, KC5QVV, 13410 South 128th East Ave. Broken Arrow, OK 74011

E-Mail to: n5og@poncacity.net or kc5qvv@gte.net - Visit the OKDXA Web Page <http://www.poncacity.net/n5og/okdxa>

OKDXA Net - Every Saturday Morning at 9AM - (except major HamFest & Contest weekends) on 3860 kHz +QRM



Broken Arrow Amateur Radio Club

January Meeting Minutes

Minutes of the First Meeting of the Broken Arrow Amateur Radio Club for 1999

The meeting was called to order by incoming President Wayne Hartsfield, KK5AT at 6:34 PM. Wayne opened the meeting with welcoming comments to members, Officers and guests. New Officers were introduced. Wayne named Program Directors for 1999 and announced that these folks were retained from 1998. Member introductions were made. There were a total of 26 people present for the meeting.

December 1998 meeting minutes were read by the Secretary. A motion to approve the minutes without amendment was made by Ernie Buck, W5CDW and seconded by Lou Smith, W5ZAV. The motion carried unanimously.

Harlan Kinney, K9GDK, made the Treasurer's report. A motion to approve the Treasurer's report without amendment was made by Nick Marsala, AB5M and seconded by Lou, W5ZAV. The motion carried unanimously.

Packet Report: no report

ARES: no report

VE Testing: Nick, AB5M reported that John Kester of Pitcher tested successfully. Mr. Kester is publisher of a Catoosa newspaper.

Engineering: Nick, AB5M reported that the .91 machine is in good condition while the .47 machine seems weak and is in need of repair. There is a project underway to build a DB-200 antenna. The project to build an emergency repeater for Police use has been completed and delivered to the City of Broken Arrow. Nick and Wade Harris, KF5IF reported on plans to build a 2-meter

repeater antenna harness rather than buying a new harness.

Nets: Wayne, KK5AT reports that nets are doing well.

Old Business: none

New Business/Announcements:

Wayne, KK5AT reported that plans are underway to have a pancake breakfast at the Broken Arrow Community Center on Main Street on Saturday, February 27, 1999. Lauri Harris, KC5YML volunteered to arrange and coordinate this event.

Wayne, KK5AT reported that the March meeting of the BAARC will be Replaced by a weather seminar to be held at the Southeast Campus of the Tulsa Technology Center located at 129th East Avenue and 111th Street. Further specifics on this event will be provided at the February meeting of the BAARC.

Jeff Scoville, KC5RTH reported that the new DVR (Digital Voice Recorder) for the .91 repeater is expected to be received in a few days and will be installed immediately upon receipt.

After the discussion of New Business and Announcements, Wayne, KK5AT reported on his plan for a proposed Organizational Outline for the Broken Arrow Amateur Radio Club for year 1999. This information is available on the club web site at <http://www.qsl.net/w5bbs>. Also, any member not having access to the web can contact the club secretary for a copy, or pick one up at the meeting. Additional volunteers will be needed to complete the proposed organizational outline. The Outline was reviewed in depth and many questions and comments were received from the floor.

The President initiated a specific review of the Promotional Programs portion of the Outline. A motion to accept the Promotional Programs and put the Promotional Programs into effect was made by Russell Self, KC5FCA and seconded by Lou Smith W5ZAV. Open discussion was made of all 7 points of the Promotional Programs and it was determined to eliminate the \$ 20.00 gift certificate from item 1 of the Programs. No other amendments were suggested. A vote on the motion was taken and the result was to accept and implement the Promotional Programs as amended. Amended copies

will be available at the club meeting or on the club web site.

A break was taken at 7:45 PM and the meeting was called back to order at 8:04 PM.

The floor was opened for general discussion:

Jeff, KC5RTH noted that the BAARC web site has been updated to include a chat room, discussion group and on-line calendar. Jeff noted that the new functions of the site have not been completely debugged.

Tom Hance, KD5CNY noted that there would be a Weather Spotter breakfast on Saturday, January 9, 1999 at the Western Sizzlin on 71st Street and Mingo in Tulsa. This is a regular meeting of the group and all interested persons are invited to attend. There will be a private meeting room for the group and breakfast bar is available.

President Wayne Hartsfield, KK5AT noted several miscellaneous items:

There will be a BAARC add in the Broken Arrow High School yearbook this year.

Joe Horn, KC5VPO, is making up new handout brochures for promoting the club and amateur radio.

A postcard program is being developed to invite previous members back to visit and potential members to join the club. This will also entail using OOP's cards for late payment of dues.

Eyeball QSL cards are going to be available to members through the club, this is a combination fundraiser and opportunity to promote the club. The cards are basically business card size with BAARC information with your call sign and contact information. The officers will also be working on developing some additional promotional items as fund raising mechanisms including calendars, coffee cups, and if possible, caps with the Broken Arrow Amateur Radio Club logo.

Officers and directors contact information will be posted in the newsletter and other publications by the club.

Wade Harris, KF5IF suggested that a study be made to plan for teaching a class on ham

radio and directing it toward young people. A class on code as a part of regular BAARC meetings was also suggested.

The meeting was adjourned at 8:28 PM

Submitted by,

Gerry Paschal, KC5JKU

President's Special Notes:

1. The courtesy tone on the .91 machine is reported to be weak
2. The clock on the .91 machine may be off and need resetting
3. A large sign advertising the pancake breakfast needs to be prepared and placed on main street for the one week period before the pancake breakfast.

February Meeting Minutes

The meeting is called to order by President Wayne Hartsfield, KK5AT at 6:32 PM. Wayne opens the meeting with welcoming comments to members and guests. Member introductions are made. There are a total of 41 people present for the meeting.

Committee Reports:

VE Testing: Nick Marsala, AB5M reports that VE testing is scheduled for this Sat., Feb. 6, 1999.

Packet: Wayne, KK5AT reports that the W5BBS bulletin board has been off-line due to a computer lock-up and that Mark Hogan has been unable to get over to it to reset it. Otherwise Packets are OK. The Sapulpa node is reported to be up.

ARES: no report

Public Relations: Joe Horn, KC5VPO is working on a new members invitation, OOP's cards, club brochure and a number of other publicity items for the club. Joe needs to receive e-mail addresses for as many members as possible to use in updating the roster.

Nets: Wayne, KK5AT reports that the nets have all been held on schedule with alternate operators functioning as required. There is a report of several new check-ins on the 10-meter net.

Engineering: Wade Harris, KF5IF reports progress in efforts to eliminate an interference problem on the .47 repeater. Wade also reports that the coax cable and connectors are in for the 2-meter antenna

harness to be built. Wade and Nick, AB5M report that element spacing information has been obtained for the new repeater antenna that is to be built by the club. Jeff Scoville, KC5RTH reports that the new DVR on the .91 repeater can accept more messages than are presently loaded and he invites any club member to submit a message to place on the DVR. Wayne, KK5AT reports that plans are still underway to construct a 6-meter remote base.

General: Bob Mitchell, W2CSL reports that Dick Horan, AC5NY is in St. Francis Hospital with Pneumonia and is in poor condition. A motion is made by Guy Richie, WA5QDG to "Send flowers to Dick Horan on the behalf of the BAARC". This motion is seconded by Bob Mitchell, W2CSL and passes unanimously without discussion. The equipment list is reported to be up to date and on file with the Secretary. The pancake breakfast is reported to be on schedule and a coincident tailgate swapmeet is planned for the same location. A review made of Search and Rescue classes those classes that are planned for various Counties and may be made available for Broken Arrow if interest is great enough. The Storm Spotter orientation mtg. being held at Tulsa Tech SE is scheduled for March 4 at 7:00 PM.

Officers Reports:

Harlan Kinney, K9GDK, made the Treasurer's report for January. A motion to approve the Treasurer's report without amendment is made by Tom Hoflich, KC5UL and seconded by Nick, AB5M. The motion is approved unanimously.

The January 1999 meeting minutes are read by the Secretary. A motion to approve the minutes without amendment is made by Nick, AB5M and seconded by Tom, KC5UL. The motion is approved unanimously.

Old Business:

Wayne, KK5AT gives a brief review of the Operational Outline for 1999 as presented at the January meeting. There is a review and pass-around of typical promotional items such as cards. The cost of the cards is reported at \$ 17.00/hundred count. Order forms for the cards are made available to all. There is no other old business.

New Business/Announcements:

President Wayne Hartsfield, KK5AT passes out copies of a Projected Budget for the BAARC for 1999. Wayne asks for review and approval. Bob Mitchell, W2CSL makes a motion to "Accept the Projected Budget for the BAARC for 1999". Nick, AB5M, seconds the motion.

In discussion it is revealed that current member dues of \$ 20.00 annually that appear in the Projected Budget include \$ 15.00 for membership and \$ 5.00 for newsletter. This \$ 5.00 amount is reported by Jeff Scoville, KC5RTH to be insufficient to cover the cost for having the newsletter handled by the BAARC directly rather than letting CORA handle it as is now done. The motion is voted on and approved without amendment with one vote opposed.

President Wayne Hartsfield, KK5AT also passes out copies of a Proposed Project Budget for the BAARC for 1999. Wayne asks for approval of the Proposed Project Budget as a guideline for efforts that the BAARC may make to raise funds for special activities for 1999. Wayne asks that the club consider this \$ 1,500.00 Proposed Project Budget as a take-it or leave-it plan for activities for 1999 and suggests that an alternative plan as proposed by a club member be considered if this plan not be acceptable to the club. A motion is made by Virgil March, KC5FCE to "Accept the Proposed Project Budget as an outline for projects to shoot for in year 1999" and seconded by Nick, AB5M. In discussion Guy Richie, WA5QDG suggests that it is not a good idea to propose a budget for general work categories without including specifics of major equipment items and the club votes work breakdown structures and that every item so described on. Wayne, KK5AT points out that such discussions occurring during business meetings tend to cause the meetings to be rather difficult and unpleasant to visitors and members and ought to be avoided. Wayne also points out that each work item would have to be paid for by a fund raising effort dedicated to it rather than from the club treasury and that such fund raising efforts would have to be approved of by the club. Wayne suggests that the Proposed Project Budget is actually a vision statement for the BAARC for the year 1999. The motion is voted on and is approved without amendment and with two votes opposed.

Wayne, KK5AT reports that Rooster Days is scheduled for May 8, 1999.

Wayne reports that March 19 is the date for a special event station dealing with the Green Country Hamfest. Frank Schneider, W5TDL offers to coordinate representation of the BAARC at the Green Country Hamfest.

Wayne, KK5AT reports that a suggestion had been made that the BAARC confer (grant) a life membership upon Ed Covington based on his many gifts to and general support of the BAARC. Nick, AB5M moves to "confer a life membership in the BAARC upon Ed Covington". The motion is seconded by Frank, W5TDL and is voted on and approved unanimously without amendment.

No other new business.

Program

Mike Foster, WA5TXX and Jeff, KC5RTH present a program on packet radio procedures and basics.

9:05 Meeting Adjourned

Submitted by,

Gerry Paschal, KC5JKU

President's Special Notes:

The Tulsa Area VE Testing Sessions information sheet needs to be updated and made available to all members at the next regular meeting.

Updated Net Schedule

VHF/UHF Net (Monday nights at 8 PM on 146.91/444.0 Mhz)

Joe Horn - KC5VPO

February 8 March 22 April 26
May 24 June 14

Russell Self - KC5FCA

January 18 February 15 March 15
April 19 May 31

Jeff Scoville - KC5RTH

January 11 February 22 April 12
May 17 June 21

Wayne Hartsfield - KK5AT

January 25 March 8 March 29
May 10 June 28

Tom Richison, K5FRI has agreed to be emergency back up. His number is 486-4811. He will be glad to pick up the net on contingency basis only.

Thanks Guys and Feel Free To Trade Off If You Want To or Need Too!

Thursday Night Sidebanders Net

1st Thursday. Nelson Derks KC5QVV

2nd Thursday. Jeff Scoville KC5RTH

3rd Thursday Chuck Myers KK5IC

4th Thursday Wayne Hartsfield KK5AT

These nights may be swapped among operators to suit your needs - TNX. On Months that provide us with A 5th Thursday, 1st One On can pick Up the Net.

Words from the Prez

By Wayne Hartsfield KK5AT

Greetings and Happy New Year,

After getting our first meeting off the ground I am pleased at the response I have been receiving as your new club president. I want to take this opportunity to express my appreciation to all of you for your support and optimism going into the New Year. At this rate we are going to have a fantastic year at the Broken Arrow Amateur Radio Club.

Here's what I mean. First off, Joe Horn/KC5VPO already has a great start on bringing the roster up to date and hopefully no one will miss their newsletter. He is also actively pursuing public relations activities which you will here more about as the year progresses. Gerry Paschal/KC5JKU being our new club secretary will also be working on bringing up to date our equipment list. I have other plans for Gerry as well, and he is more than willing to do whatever he can for the club. Jeff Scoville/KC5RTH our past club president has agreed to help keep the club moving. He has agreed to maintaining our newsletter reports, and work on our ATV project. He is also our Web Master for the W5BBS web site. That's: <http://www.qsl.net/w5bbs>, give it a try. Jeff has already made some impressive improvements on the site. One of our members had suggested a swap n trade/looking for item section on the web site, this is something Jeff was already considering, so he got right on it and is making it happen.

So far, the folks I have asked to serve as coordinator (see the organization outline for info), have all agreed and I look

forward to their input and developing activities for the club. I also had Rex Terry, KC5UVN approach me and volunteer to head up our home brew activities. I figure with some of our enthusiastic builders we should see some interesting items this year. Steve Bradley, KB5ZSD came through like a champion, he got us a date at the Community Center for our "Pancake Breakfast" on February 27, 1999, Mark Your Calendars. Chuck, KK5IC, Dick, AC5NY and other will be cooking up some major breakfast of champions that morning. Laurie Harris, KC5YML has agreed to organize the breakfast, so she is looking for volunteers. She will need servers, clean up crew, coffee makers, setup crew, etc. Give her a call, this should be our most successful event ever. Joe is following up with lots of Public Relations on it. Steve also has us set up for our meeting room for the year. Another item of interest, our March meeting will be a Severe Weather Seminar, 7:00pm at the SE Campus of Tulsa Technology Center, near 121st Street South and 129th East Avenue. Mark your calendar for that as well.

As you can see, it's already getting busy! I have a schedule for the years programs, should be in this newsletter. I need volunteers to provide each of the programs listed. Let me hear from you on which one you could do or assist with. If there is a program you would like to give that is not listed, let me know that too. I'll be glad to reschedule. We also have some antenna work to do this spring, I'm wanting to do a Tech Day, where we set up all the available equipment and have signal checks and reports on local amateur and club members equipment. Things like deviation, frequency, antenna check, etc. And, I really would like to see us concentrate some time and effort on Operating Procedures. New amateurs and seasoned operators can always use reminders on Good Operating Practice. I hope we can focus on this item this year with some how to seminars. You can help on this one, regardless of your license class. I have seen new technician operators work just as hard as anyone, sometimes harder, so let's make room for these folks and try and teach the good methods. The ARRL Operating Manual is the best twenty-two bucks I've ever spent on Ham Gear.

Greetings

This month has been a busy one and with your help we should be able to keep a moderate pace for the rest of the year. Coming up this month is our pancake breakfast, which should turn out to be a great opportunity for public information presentation. It should also prove to be a good fundraiser for our club.

At our last meeting I presented our operating budget which was approved by the membership present. It consist of expenses totaling \$1,145.00 with projected income of \$1,700.00, this is based on maintaining 75 paying memberships. We hope to raise at least a couple hundred dollars clear on the pancake breakfast. This will meet our current obligations leaving hopefully a few hundred to start off the next year. Also presented and approved was a "Proposed Project Budget", this budget is kind of a wish list of about \$1,550.00 which could fund repeater work, ATV, packet and do some upgrades of equipment. The key here is to raise the \$1,550.00. Otherwise none of these projects get off the ground. I was really hoping to have someone (a club member) appointed as fund raising coordinator by this time. So far no one has volunteered. There are several ways our organization can generate revenue, and we have some good ideas to date. Other ideas are surely available as well. I am more than willing to set the guidelines and help direct someone who is willing to take on this position. However, the pay is zero, no benefits, and lots of grief is sure to come with the package. Oh yea, no travel packages either. You get the picture? The upside is it would be a great benefit to the club to have someone commit to this particular job.

On the benefit side of things, I have developed the "W5DRZ - Meritorious Service" Award and will have guidelines published in the next newsletter and available at the next club meeting. This award should accomplish two things. One, it will further recognize and memorialize one of our founding and most dedicated past members, Adrian (Preacher) Rea. Second, it will allow us as a club to recognize and honor those members who have dedicated much of their time and resources to the club in the spirit of dedication. The first of these I hope to issue at the April meeting.

Joe Horn our vice president is working on several things to help the club in the public relations area. He also is trying to promote interest in some search and rescue training for those interested.

Frank Schneider has volunteered to head up our club effort at Green Country Hamfest and could use your help to man the club information table. This would give us a nice presence at the hamfest. Far better than having brochures lay out on a table with no one around to answer questions. We will have club brochures available, hope you can help distribute them at Green Country.

I still need your input on club projects, activities, and the club newsletter. Where do you want to go with the club is important. Our last meeting hosted 41 members and guests, that is a lot, one of the largest meetings I have attended. Out of over 110 members, it's still only around half. We can make decisions with only a few members present, but that to me is still not an overall consensus of what members want or need. That is only a majority of those present. This is ok, if you are comfortable with the way the club is going. I would still like to have your input via phone or email, just so the record is clear on members' input.

One of my main goals for the year is to try and allow the meetings, to the extent possible, to be more for socializing and information exchange, programs and discussions. I would like to keep heated issues to a minimum. Everyone has say in the club if they're a member and no one should want to dictate the rest of the club. As president I hope I can allow each of you to make your point, and understand that all of us are members of the same club. Even though a majority present may not pass your particular issue or concern, it can still benefit from discussion. And, I always like to ask myself, Is this something that could really benefit the club as a whole. I want to assure all of you the clubs best interest is and has always been my main concern. I have no hidden agendas. Almost everyone I have met in the club, or

ham radio, I consider a friend and hope that I can have an impact on the big picture. Nothing more, nothing less. I hope you can share my outlook on amateur radio and our club.

Until next month...73

Just in Time For Severe Weather Season Skywarn Signs

By Mark D. Conklin - N7XYO

Hi Guys and Happy New Year!

Well here it is. The layout for the door signs I spoke of. Each sign will be magnetic, and will be about 16"W x 8"H. The colors are as you see.

"Signs Today" has agreed to bear the cost of set up and design. And PAIR of signs can be purchased by Amateurs for only \$21.53, (tax included) wow! Only one catch, we need to buy 25 pairs (that's 50 signs) each time we order, in order to get this super break on the price of the signs. Basically, "Signs Today" is selling us the signs at their cost, plus tax. These sign must be purchased in advance, (all 25 pairs in one order) and we are ready to go when we have all the money collected.

Signs like this were very helpful in building the image of Amateur Radio and its role in Public Service, Emergency Communication, Skywarn, and any other event where Amateur Radio is serving our community.

I ask that you PLEASE share this information with others, our newsletter, and the leadership and members of other Public Service minded Amateur Radio organizations/people.

Let me know what you are interested and/or your comments... we'll put an order together soon.

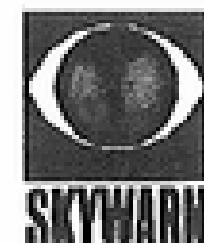
'73's Mark D. Conklin - N7XYO
(918) 366-2007 Home
(888) 597-1492 Pager

AMATEUR RADIO



EMERGENCY COMMUNICATIONS

Serving Our Community



***The Broken Arrow Amateur Radio Club
W5DRZ Meritorious Service Award
By Wayne Hartsfield KK5AT***

Purpose

To recognize individuals, who through dedication and service have made a significant impact on the Broken Arrow Amateur Radio Club and/or Amateur Radio activities.

History

In recognition of past and founding member "Adrian (Preacher) Rea", whose dedication and influence brought forth the Broken Arrow Amateur Radio Club. Whose efforts toward Amateur Radio encouraged and motivated others to follow the traditions and join the ranks of Amateur Radio.

Criteria

I. Individuals must hold at least a Novice Class amateur radio license.

II. Individuals must have exhibited significant support for the Broken Arrow Amateur Radio Club or Amateur Radio in the form of active participation in related activities for at least three consecutive years.

III. Individual must aspire to maintaining the History, Traditions and High Operating Standards of Amateur Radio operation and practice.

Nomination

Any individual licensed amateur radio operator, being a club member or not, may directly nominate anyone for this award to the officers or directors of the Broken Arrow Amateur Radio Club. The Board of Directors may at their discretion approve or disapprove the nominees based on the information provide at the time of nomination.

Award

The recipient(s) for this award will receive a nicely printed certificate worthy of display and should hold this honor in the highest esteem.

***Volunteers Needed For Green Country
Hamfest***

The BAARC would like to take an opportunity to "show off" all the great stuff we've been doing with the weather paging system, ATV, the repeaters, Internet, etc. We're looking for some volunteers to man a table at Green Country

Hamfest at the downtown convention center.

If you're interested in helping out, contact Wayne KK5AT at 357-2139.

Rooster Day: Just Around The Corner

The club is looking for a "few good volunteers" to help out with this annual event, including a Rooster Day chairperson. Contact Wayne Hartsfield KK5AT at 357-2139 if you're interested.

Pearl Harbor Information

By Wade Harris KF5IF

Pearl Harbor... December 7th, 1941...A day that will live in infamy. A man has spoken no truer words in this century. It was both an end of an innocence and a new beginning in technology, both good and bad, for all mankind.

Our regular club meeting last December fell on December 7, And at some point the discussion turned to those members who told where they were at and what they were doing when they first heard the news from the American Bases in and around Pearl Harbor. I unfortunately was not present at this meeting and have only hearsay about. I do have an interest in hearing these stories and maybe reprinting these for all to read, especially the younger generations. If you would like to tell your stories, whether "nothing special" or "you were there" I would like to hear from you. Your age at the time is not important as long as you can recall the events in history. Doesn't matter if you were licensed at the time.

Basically I would like to know what your life was like before, during, and after the war. The kind of things I would like to hear are where were you, what was happening at that time in you life, was radio a part of it then. What your call sign and class was, what equipment did you operate, your best DX at the time. What you may have done during the war, etc.

If you would like to participate, or know some on who does, whether a BAARC member or not, please contact me as soon as possible. Early mornings or late evening are the best time to reach me at home by phone. You can also E-mail me or leave me a message at work and I will return your call later.

Wade Harris

21601 E 33 St
Broken Arrow, OK
74014
Home 918-355-3176
Work 918-266-1180 ext. 12
KF5IF@Juno.com

Some Interesting Sites on the 'Net

By Wade Harris KF5IF

For those of us that are also on the Internet might like to visit a couple of ham's web sites that I found too most interesting. The first one is operated by Dave Ross N7EPI and is for all those old Military Radio Lovers out there. It is appropriately called "Real Radios have Motors". This is a site for all those Military radios including PRC portables as well as the Rack mount radios of the fifties and sixties. There's even a section for the ton and a half truck mounted Field Base stations. Lots of pictures and Technical descriptions. You can find this site at:

<http://www.hypertools.com/homepage.html#prc38>

The Second site can be best be described as a "good all around" Ham radio site. I Find it's "Reading Room" particularly interesting. There are numerous text articles on antennas, Transmission lines, Towers and different Radio modes. The site is operated by Jerry Pendergrass, KM5JN who is very interested in radio antenna design and construction. He also has some good programs to download on this subject and links to many others. Look Jerry up at:

<http://www.zianet.com/elm-station/ham.html>

Enjoy

Wade Harris KF5IF

Organization Outline for 1999!

By Wayne Hartsfield KK5AT

Organizational Outline Broken Arrow Amateur Radio Club

Vision Statement - Preparing For The New Millennium Goal Prepare and Grow For The Future By Involving The Membership In Club Operations and Activities; and To Educate Membership On Club Constitution and Processes Objective To Allow The Executive Committee To Function In Accordance With The Constitution.

Today's Situation

- 1 Declining Membership for whatever reason, this is a national issue.
2. Declining Participation and Funding needs to be addressed.

History 1998 President - Jeff Scoville's, KC5RTH Accomplishments New Directions and Projects Undertaken

- » 146.910 Repeater Improved Dramatically
 - » Emergency Operations Center Refined
 - » Successful Field Day Despite Problems
 - » Weather Paging System Completed
 - » Amateur Television Tested and Confirmed, Ready for final installation.
 - » 145.470 Repeater Moved
 - » Membership To CORA providing a Regional Newsletter
- Jeff got things going pretty well, these projects and accomplishments need to be preserved.

How Did We Get Here?

1. Declining Interest In Our Hobby
2. Lack of Commitment
3. Failure To Retain Membership
4. Conflict Between Members and Activities
5. Lack of Understanding About The History and Traditions of Amateur Radio

Available Options

- 1: Member Participation
2. Increase Membership Totals
3. Educate and Advise New Amateurs
4. Take Actions To Be The Solution Not The Problem
5. Publicize Activities and Needs

Recommendations

1. Each Member Assumes A Greater Role
2. Provide A Sense Accomplishment As A Group, Individually and An Organization
3. Members Fill Roles As Volunteers

This May Include Organizing A Specific Activity, Coordinating A Function Of The Club, Chairing A Committee, or Provide A Technical Service To The Club

Organizational Outline

1. Identify and List The Many Segments Of Our Hobby
2. Develop Duties For Each Segment
3. Recruit Members To Take Charge Of Each Individual Segment, Creating A Whole Organization Called The Broken Arrow Amateur Radio Club

Amateur Radio Segments Identified For Action With Responsibilities Listed

Home-brew Coordinator

1. Schedule A Home-brew Night or Activity
2. Develop Lists of Projects and Publish
3. Provide Demonstrations on How To
4. Provide Reports On Other Clubs Home-brew Activities

DX Coordinator

1. Develop and Publish Methods Of Identifying and Making DX Contacts
2. Report on Solar Activity of Interest
3. Develop and Publish Contest Related Information
4. Develop "How To" Activities and Presentations

Newsletter Coordinator

1. Recruit Reporters For Club Activities
2. Prepare/Submit Information To CORA

Packet Coordinator

1. Plan and Budget For Packet Operations
2. Report On New and Ongoing Activity
3. Prepare/Present "How To" Demos

Special Events Coordinator

1. Plan and Execute All Special Event Activities For The Broken Arrow Amateur Radio Club
2. These May Include: Rooster Days, Field Day, SET, Contests or Others
3. Prepare and Submit Reports As Needed

Engineering And Design

1. Plan and Budget All Repeaters and Equipment Owned By The Club

2. Report As Necessary On Technical Information
3. Schedule Work Projects To Maintain and Operate Equipment
4. Monitor In Service Equipment Regularly

Amateur Television Coordinator

1. Develop, Plan and Budget ATV Activities
2. Provide Status Reports and Updates
3. Schedule Demonstrations and Activities
4. Develop Outline of Uses

Emergency Operations Center Coordinator

1. Coordinate With City Emergency Management Authorities
2. Provide Status Reports and Needs
3. Maintain A Current Roster Of Volunteers Specific To Emergency Operations

Fund Raising Coordinator

1. Develop, Plan, and Schedule Fund Raising Activities
2. Report Status As Needed
3. Recruit Volunteers As Necessary
4. Insure Funds Are Recorded and Turned Over To The Club Treasurer
5. Advertise and Promote Activities

Membership Coordinator

1. Maintain Current The Club Roster
2. Maintain Club Application Forms
3. Sign Up New Members, Forward Funds To The Club Treasurer
4. Develop Special Promotions
5. Report Status At Regular Meetings

Organization Liaison

1. Track information from ARRL, FCC, OKDX, CORA, Area Clubs, Local Government and Others
2. Report at Meetings and Through The Newsletter
3. Recommend Actions When Necessary

Net Operations Coordinator

1. Recruit Operators
2. Maintain Net Schedules For All Club Nets
3. Report As Necessary

Operating Practices Coordinator

1. Plan and Execute "How To" Programs Emphasizing Good Operating Practices
2. Publish Information In CORA and In Handout Information

Satellite Operations Coordinator

1. Prepare Updates and Reports On Satellite Activities To Generate Interest
2. Develop and Schedule "How To" Presentations For Working The Birds

Elmer Coordinator

1. Develop and Maintain Database of Elmers
2. Be Available For Inquiries through Voice Mail, E-mail, Packet or Other Means
3. Publish Roster Regularly, Individually and In The CORA Newsletter

VE Liason

1. Recruit Volunteer Examiners
2. Schedule and Coordinate Test Sessions
3. Publish Testing Times and Locations
4. Report As Needed On Activities

Public Relations Coordinator

Develop and Implement Methods Of Promoting The Club and Educating The General Public On Activities of The Broken Arrow Amateur Radio Club

Broken Arrow Amateur Radio Club Officers Roster

President - Wayne Hartsfield/KK5AT 357-2139 831-8265
 Vice President - Joe Horn/KC5VPO 451-0028
 Secretary - Gerry Paschal/KC5JKU 455-6514
 Treasurer - Harlan Kinney/K9GDK 251-2672
 Director - Mark Hogan/N5OBC 251-1475 596-9610
 Director - Mike Foster/W5TXX 357-1044
 Director - Nick Marsala/AB5M 251-7048

Broken Arrow Amateur Radio Club Promotional Outline

All members should participate in the following to help build our club:

1. Be as active as possible, allowing for family and personal time.
2. Dedicate as much time to duties and activities as your schedule allows.
3. Promote the Club as often as possible
 - a) On the Air
 - b) To your friends and fellow amateur operators
 - c) To fellow club members, past and present
 - d) Invite people to the meetings and club events
 - e) Formal advertising in Local Newspapers, etc.
 - f) Use of flyers and brochures
 - g) Public Service Announcements

h) Support of Club Activities

- 1) By helping out or Chairing an activity.
- 2) Attending meetings and activities.
- 3) Donation of Time, talent or resources.
- 4) General Acceptance of Club Activities and Plans.

Broken Arrow Amateur Radio Club Promotional Programs As Approved January 4, 1999

1. Most useful circuit designed, built and published by a club member this year. This could be a vox circuit, an audio amp, an ID'er or other useful easy to build circuit. The award would be a BAARC certificate of recognition.
2. CW Upgrade award for any club member upgrading to Tech Plus by passing the 5 WPM Morse code examination at our club VE session. The award would be a code key and a club certificate of recognition.
3. DX country of the month award for anyone confirming a QSO with a foreign station via QSL card. Certificate of Recognition from the BAARC.
4. Best Station Award for the club member who provides a photograph of their station at a club meeting, with the members present picking the best overall layout and capability of the photographs presented. Award would be a Certificate of Recognition.
5. Special Operator Award for the club member reporting the most traffic handled for the quarter. Award will be a Certificate of Recognition.
6. Active Net Award for the club member who consistently checks in to the most BAARC nets, including VHF, HF, and others. Award will be a certificate of recognition.

3. Motorola Spectra (800Mhz with Mic)
4. Motorola Maxtrac - 16channel UHF
5. Rib Box and Cable

Items are all in nice to excellent condition. I also have a whole bunch of other stuff in boxes if you want to look at it, I'll price it. Contact Wayne, KK5AT at 918-357-2139 or email: kk5at@juno.com

K5FRI, Tom, is looking for the February 98 issue of 73 Radio Today magazine. He can be reached at 918-486-4811.

KF5IF, Wade, is looking for a 2m or 2m/70cm FM base radio. Radio with SSB may be considered. He can be reached at 918-355-3176.

KD5EJO, Chris, has for sale a Kenwood TR7950 - 2mtr mobile and an Alinco DJ582 dual band HT. He can be reached at 918-693-3615

N0MUA, David, has a Cushcraft 13B2 and a 17B2 yagi (beams) antenna for sale. He can be reached at 316-251-5694.

If you want to list one or more items for SWAP or TRADE, you may contact any a club officer, the editor, or the net control operator on the regularly scheduled Swap and Trade Nets, which are held every Monday at 8:00 PM on the BA repeater, 146.910 Mhz.

SWAP & TRADE



KK5AT, Wayne, has the following for sale:

1. Kenwood TS450SAT, Built in Tuner, Matching Power Supply and Speaker (Like New In Original Boxes)
2. Kenwood MC85 Desk Mic (Needs Mic Cable)



Edmond Amateur Radio Society

March Birthdays:

03-03	KB5BIN	Bob Ellsworth
03-09	KC5SRH	John Neslon
03-16	KB5SPM	Merle Wilson
03-18	KM5GM	John Sakaly

MARCH MEETINGS AND EVENTS:

March Board Meeting

The March Board meeting will be held on Tuesday, Mar. 9th at the Edmond Emergency Operations Center. If you have not yet had the chance to see Edmond's emergency center and the EARS station there, now is your opportunity. The EOC is located in the basement of the City offices. Enter from an outside stairway on the East Side of Littler, between 1st and Main. The meeting will begin at 7 PM. The meeting is open to all interested parties. Come see your Club in action.

March Club Meeting

The March Club Meeting will be held on Sunday, Mar. 21st at St. John's Catholic Church, located at 9th and Littler in Edmond, at 2:00 PM. The program will be the showing of a video of the Heard Island DXpedition, followed by a time of fellowship and rag chewing. The Club meetings are open to anyone interested. We look forward to seeing you there. (I will have some service monitors at this meeting if you want to see how your radio is doing. Curtis, KC5GEP)

St. Patrick's Day Parade

This year, the parade will be on Saturday, Mar. 13th. Approximately 25 volunteers are needed to man (and woman) the various checkpoints. Contact Lee Vaughn, KA5WIS (348-2961) or David Wolf, KC5KJE (340-7486) for further information.

Blood Donation

Don't forget. There is always an ongoing need for blood. Contact your local Oklahoma Blood Institute office and plan on giving to this much-needed cause. When completing your forms, please indicate that you want your donation to be credited to the Edmond Amateur Radio Society. This will ensure that the EARS account stays active, which will help Club members and their families if they are ever in need of blood. Give Now! Give Regularly!

Welcome New Members

A hearty welcome to the following new members to EARS:

John Welsch, KC5GHS
Glen Grossman, KD5GDG
Sara Grossman, KD5GDF

E-Mail Information

If you have not already advised the Club of your E-mail address and would like to do so, please E-mail Sharon KM5GV at Sharon_Thompson@Capitalland.com

To notify the Club of a change in your Call, Address, Phone number or E-mail address, please also contact Sharon by E-mail. Thank you.

de Sharon Thompson KM5GV

Emergency Preparedness

There will be a storm spotting class the 27th of March. It is good training and good experience. Saturday the 6th of March will be the next EARS Emergency Net before the siren test. Have you checked in yet? More details on these events will come out on the EARS Monday Night Information Net at 8:00 PM on the 147.135 EARS repeater. Hamfests, special events stations, public service opportunities, VE testing opportunities, and more are happening in our area. They are often announced on the EARS Monday Night Information Net.

Who is it that helps out with all these events? YOU do! Each and every member (and even non-members) can help out with all these activities. See the next item below. It sometimes says it pretty well.

de Curtis Foote, KC5GEP

Who's Job is it?

This is a story about four people named Everybody, Somebody, Anybody, and Nobody. There was an important job to be done, and Everybody was asked to do it. Everybody was sure Somebody would do it. Anybody could have done it, but Nobody did it. Somebody got angry about that, because it was Everybody's job. Everybody thought Anybody could do it, but Nobody realized that Everybody wouldn't do it. It ended up that Everybody blamed Somebody when Nobody did what Anybody could have done.

de Jim Richardson N5OHL

Last Month's Events:

Business after School

On Tuesday afternoon, February 16th, EARS participated in this event which was held at Santa Fe High School in Edmond. This annual event brings together the business community and educators of all levels in the greater Edmond area. Sponsoring groups were the Edmond Chamber of Commerce and Edmond Public Schools. Purpose is to make products, materials and services available to those in the education field. Display booths, numbering about 52 were decorated and polished with the latest and greatest products including education software, textbooks, communication equipment and news periodicals.

EARS provided vehicle-pedestrian coordination and communication. The multitude of vendors had a generous task in parking, loading and unloading the booth set-up materials.

To preclude fist fighting for parking spaces, EARS coordinated traffic flow and parking while lending a strong back but a weak mind. And with a ready smile! The sponsoring entities expressed appreciation for the assistance from EARS while looking forward to the same effort at the 2000 Business after School. Many thanks for the EARS participants for once again providing service to the community while honing emergency service skills.

de John Thomason WB5SYT

Hams In Our Vicinity:

In case you did not see this in the ARRL Letter from last Friday, here is the wrap-up on the Arkansas Tornadoes and the ham's response.

Arkansas Hams Take Stock Of Tornado Response

Members of the North Central Arkansas Amateur Radio Service recently took stock of Amateur Radio's performance when tornadoes struck January 21. For the most part, the club was pleased with its response. "For the first 24 hours," we were it," Arkansas Section Manager Roger Gray, N5QS, said of Amateur Radio's communication system. Gray, who lives in the stricken area, proposed constructing a permanent emergency net control site in the center of White County. At present, various net control stations operate out of their homes. But in the recent weather disaster, some net control stations were forced to evacuate and leave the air.

After the tornadoes--upwards of three dozen in all--hit the White County area, hams who had been serving as weather spotters moved into the disaster recovery phase. Eight people died in Arkansas, and many others were injured. Damage in the stricken area was widespread. Ham stations were established at two Red Cross shelters and at the police station in the badly damaged town of Beebe. Salvation Army teams from Little Rock and Jonesboro integrated ham gear into their feeding stations in Beebe and McRae. "Over the course of the net, the stations handled untold numbers of Red Cross messages and probably 50 to 100 health-and-welfare messages," Gray said.

Gray himself got climbing duty when a group of amateurs made repairs January 24 to the Beebe Ambulance base station antenna, located atop a water tower. Hams also worked with cleanup crews. Formal nets ended on January 27.

"The hams of this area have been great and bounced right back," Gray said. Hams even managed to participate in the School Club Roundup February 8-13 from the McRae High School gymnasium. "Almost every student we talked to remembered one of their teachers [Larry Sicks, AC5AV, a math teacher at the school] sitting in the lobby all day talking on the

radio, and it gave them another perspective of our hobby."

Among Gray's "lessons learned" was a suggestion to get local or state governments to issue standardize IDs to those needing access to affected areas, such as ARES/RACES members. He also advises hams to carry a copy of their Amateur Radio license when on emergency or disaster duty.

A newspaper story on ham radio's role in the storm and the club's evaluation appeared February 10 in the Searcy Daily Citizen.

de Alan Clark, N5PA

Here is another story concerning the east Texas flooding:

Hams Fill Texas Communication Gap

Red Cross and local emergency officials in East Texas benefited from ham radio in late January during flooding along the Sabine River. The flood gates at the Toledo Bend Reservoir had to be opened under emergency conditions January 29 after heavy rains the previous week north of the lake. The next day, the area downstream of the Toledo Bend Dam--slightly east of the town of Burkeville, Texas, was declared a disaster location. The Red Cross headquarters in Orange, Texas, was notified that many families living below the dam were forced to evacuate due to rising water in the Sabine River.

When the Red Cross mobile units arrived on scene January 31, however, they found that their cell phones and VHF radios would not function, causing a major disruption in the provision of food, blankets, and other disaster aid.

Red Cross Manager Tom Martin contacted ARES DEC J. R. Aaron, K5SUB, for help in setting up emergency communication from the affected flood area to the Orange Red Cross headquarters. Aaron then contacted Gene Vanscoy, KA5VMF, Dick Porter, KK5GV, Bill Lexa, WA5LFS, and Paul Clark, W5UHG in the Orange area to assist in relaying information via HF from the affected area to the Red Cross HQ in Orange.

In turn, K5SUB contacted Newton County EC Garland Meredith, K5VY, to activate the Newton County mobile EOC, KD5GBG. The mobile unit arrived at the Red Cross location below the Toledo Bend Dam power generating facility around noon. W5UHG, KA5VMF and KK5GV established HF and VHF links. WA5LFS, manned the HF equipment at the Orange Red Cross headquarters. In all, hams handled 28 formal and 41 informal messages.

Nearly 150 people were evacuated. Authorities reported no serious injuries, no fatalities and no one reported missing in the Burkeville area. The relief effort wrapped up February 1.--Garland Meredith, K5VY

de Alan Clark, N5PA

Health and Welfare News

Hi to everyone-

We wish to offer our deepest sympathy to Joe Watson, W5WBR I the loss of his dear wife, Glenda, and also to his family. We were saddened by your loss and shall remember all of you in our thoughts and prayers.

Shannon Lytle, KB5VQM, wife of Jay Lytle, KB5VDH, had surgery on February 17th. She had some problems during her recuperation, but is doing fine now. In fact, she is back to work.

Bob Hebert, N5SAG requested we remember him in our prayers. His surgery will take place the 3rd or 10th of March. We hope all goes well for you, Bob.

Congratulations to John, KB5BLE and Opal, KB5BUK King. They celebrated their 65th wedding anniversary on February 8th. We are privileged to have had the opportunity to know them and we with them many more happy years together.

Enjoy the good weather and I'll see you at the next meeting.

73's de Clara Grainger, KG5UG

That's it for this month. Send information for next month's *C&E* to Curtis Foote at cfoote@theshop.net or Curtis.Foote@nextel.com

K & E ELECTRONICS

3540 N. W. 23rd St., OKLAHOMA CITY, OK 73107
(405) 947-2891

MARCH MADNESS!!!

ADI 600 LP DUAL BAND HT --- \$255.95

ADI 600 HP DUAL BAND HT --- \$269.95

**REMEMBER, WE ARE A STOCKING MFJ
DEALER AND WE ARE GIVING 10% OFF
ALL CATALOGUE PRICES ON PURCHASES
OF \$100.00 OR MORE!!!**

**ALSO, COME AND TAKE A LOOK AT OUR
CONSIGNMENT SHELF. WE HAVE SOME ICOM HF
EQUIPMENT, KENWOOD DUAL BAND EQUIPMENT,
HANDY TALKIES, AND MORE!!!**

**FOLLOWING IS A LIST OF REPEATER FREQUENCIES IN THIS AREA. WE
HAVE HAD REQUESTS FOR THESE. IF ANYONE KNOWS OF ONE THAT IS
NOT LISTED HERE, PLEASE CALL AND WE WILL ADD IT FOR FUTURE
REFERENCES.**

CHANDLER	147.360		OKLAHOMA CITY	145.410
CHICKASHA	145.130		OKLAHOMA CITY	145.490
CHOCTAW	147.090	K & E ELECTRONICS	OKLAHOMA CITY	146.670
EDMOND	147.135	3540 N.W. 23 rd ST.	OKLAHOMA CITY	146.760
EL RENO	147.240	OKLAHOMA CITY, OK	OKLAHOMA CITY	146.820
GUTHRIE	147.105	(405) 947-2891	OKLAHOMA CITY	146.850
KINGFISHER	146.640		OKLAHOMA CITY	146.925
NEWCASTLE	147.320		OKLAHOMA CITY	146.985
NORMAN	146.880		OKLAHOMA CITY	147.030
NORMAN	147.060		OKLAHOMA CITY	147.210
OKLAHOMA CITY	145.150		OKLAHOMA CITY	147.340
OKLAHOMA CITY	145.210 (BUFFALO INTERLINK)		SEMINOLE	147.195
OKLAHOMA CITY	145.330		SHAWNEE	145.390
OKLAHOMA CITY	145.370		SHAWNEE	147.165

Up Coming Events

March 13 1999 - Kansas City, MO - Ararat AR Shrine Club, Kansas City, MO Steve Dowdy, WJ0I 12411 Olive St., Kansas City, MO 64146 816-941-3392 E-mail: sdowdy@qni.com

March 13 1999 Fort Smith, Arkansas Location - Fort Smith Civic Center (More information later) or call Kelsey Mikel, KK5KU 8604 Urban View Dr. Fort Smith, AR. 72903 Phone: 5016517003 e-mail: kk5ku@amsat.org

March 19-20, 1999 Oklahoma State Convention, Tulsa, OK Green Country Hamfest Association Merlin Griffin, WB5OSM PO Box 470132, Tulsa, OK 74147-0132 Phone 918-622-2277 E-mail: info@GreenCountryHamfest.org Click Here, for faster response email 9188085377@messaging.sprintpcs.com (alpha-numeric text only) www.GreenCountryHamfest.org

April 2-3, 1999 Mooreland, OK Tri-State AR Group, Duane Henderson, KC5NID RR 1, Box 171, Mooreland, OK 73852 580-994-2223 E-mail: kc5nid@pdi.net

April 10, 1999 - Midwest City Swap Meet sponsored by Choctaw Amateur Radio Club. Starts at 8:00 am done by noon.

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 at Southern Temple Baptist Church, 1821 S High, OKC. Talk

in on 146.76 MHz. For more information contact Audie, AA5GB @ 799-9916.

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 the first Saturday of each month, at the Church of Christ, 811 N. 4th St., Broken Arrow. Starts at 9:30 AM and lasts until everyone is finished. New hams and upgrades are welcome.

VE exams on 2nd Saturday of each month are held at 1000 after the SCARS meeting at the American Red Cross in on Westheimer Airport in Norman. Contact Jim Copeland, NW0K at 329-1681 or e-mail jimhelps@juno.com for more information.

VE exams on 4th Tuesday of even months are held at 1830 at the Altus Vo-Tech in Altus, OK. Contact George Mateyo, N1GM 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 in Enid is done on odd months starting with the month of January. On the 2nd Saturday at 10:00 AM at the Oklahoma Natural Gas Co located at the corner of HY412 & Garland Rd., across east from Atwoods store. The testing is PREREGISTER ONLY. Contact Dick NJ5S 580-233-9869

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, N5BEQ 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

SW Oklahoma - Thursdays @ 7:00 p.m. on 146.31/91.

North Central Oklahoma meets on the first and third Monday of the month at 7:30pm on the 147.150 rep

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

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.

Enid Amateur Radio Club Monday Night Net Mondays @ 8:00pm on 147.150MHZ.

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

QCWA Chp 63 HF - Sundays @ 8:00 on 3855.0kHz USB.

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

Oklahoma Training Net - Daily @ 0000Z on 3692.5 kHz (CW Net)

Oklahoma Section Net - Daily @ 0030Z on 3692.5 kHz

First Sunday VE Exams are Scheduled for 2 p.m. Through Calendar Year 1999 at the Oklahoma City Red Cross, 601 NE 6th Street OKC, OK

March 7

September 5

May 2

October 3

June 6

November 7

August 1

December 5

Enrolls call Jim, N5BEQ at 405-232-2299

February 1999							CORA Events							April 1999						
S	M	T	W	T	F	S								S	M	T	W	T	F	S
1	2	3	4	5	6													1	2	3
7	8	9	10	11	12	13								4	5	6	7	8	9	10
14	15	16	17	18	19	20								11	12	13	14	15	16	17
21	22	23	24	25	26	27								18	19	20	21	22	23	24
28														25	26	27	28	29	30	

March 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	9:30PM Broken Arrow ARC	7:00PM- Lawton/Ft Sill ARC		7:00PM Aeronautical Center 7:30PM- Cimmaron ARA		8:00AM: Elk City Hamfest 9:30AM- BAARC VE Testing 10:00AM- Ada ARC 2:30PM- Vinita VE Exams
2:00PM American RC VE Exams	7	8	9 11:00AM Oklahoma VHF Club	10 7:00PM- Tri-State ARG 7:30PM- Altus AARC	11	12 9:30AM-10:00AM South Canadian ARS 10:00AM-10:30AM SCARS VE Exams 10:00AM-10:30AM EARC VE Exams 3:00PM-3:30PM Stillwater VE Exams
2:30PM-3:00PM Wheatstraw ARC	14 6:00PM-6:30PM CORA VE Exams 7:00PM-7:30PM Choctaw ARC	15 7:30PM-8:00PM OCAPA	16	17	18	19 8:00AM-9:00AM Green County Hamfest 9:00AM-9:30AM Southern Temple BC VE...
2:00PM-2:30PM Edmond ARS	21	22 7:30PM-8:00PM CORA	23	24 7:00PM-8:00PM Enid ARC	25 5:00PM-6:00PM C&E Deadline	26
	28 6:00PM-6:30PM Shawnee VE Exams	29	30	31		27