

Collector & Emitter

Central Oklahoma Radio
Amateurs, Inc. Publication

November 1999
Volume 25, Number 11
Issue 297
75¢

Postmaster See Page 2
For Postal Information

Periodical Mail

C&E Rate Increase Scheduled

Tales From The Log

JOTA a Huge Success



"Looks like old Dale has finally
decided to clean out his van"

CW5 Net Starting

Oklahoma Statehood Day

Y2K Virus's

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.

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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: 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, N5WVU 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
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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.: George Summers, KK5QY 580-355-6514 VP: Charlotte Cole, KB5OJV 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 405-893-2227 Editor: Jimmy Payne, W5JEP 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, K5PX 918-455-2599 VP: Lu Fisher, K5YP 580-254-5641 VP: Jerry Chouninard, K5YAA 918-341-2659 Sec/Tr.: Editor: Nelson Derks, KC5QVV 918-451-1594	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 December, 1999 Issue of *Collector and Emitter* is Friday, November 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.

Collector and Emitter Rate Discussion and Vote Scheduled

For over ten years the rates for the Collector and Emitter have been fixed at 40 cents per issue for members of CORA affiliated clubs. With the cost of doing business going up it has finally come to the point where a decision must be made on how we are going to continue to fund this newsletter.

A packet with our costs and income from November 1996 to present has been mailed to all clubs; sent to the club treasurers. I have included the following information:

1. Issue – Month of Publication
2. Printing Costs – Our Cost to the printer for a completed issue. Printed, folded and collated ready for labels and mailing.
3. Copies – Number of copies requested from the printer to meet subscriber requirements and administrative needs. Plus a few to give out at hamfests and classes.
4. Size – Number of pages in that issue.
5. Postage Costs – How much that issue cost to mail at Periodical Non-profit Rates.
6. Issues Mailed – How many issues were mailed out to subscribers and exchanges with other clubs and organizations.
7. Costs – Total costs of Printing and Mailing added together.
8. Income – What the clubs and independent subscribers paid that month for their newsletter.
9. Deficit – How we fared that month in dollars and cents. Of course negative numbers indicate we went into the hole.

I have also included graphs of these numbers in a fairly easy form to read. I want all recipients of this publication to be aware of this upcoming discussion and vote.

We need to handle this so as to keep from eating away at our hamfest funds. The newsletter should support itself.

This will be discussed at the next CORA meeting at the Salvation Army HQ NW50th and Pennsylvania at 7:30 p.m. All are welcome to attend, however only three representatives from each club will be eligible to vote on this issue.

Minutes of the CORA meeting for October 23rd, 1999.

The meeting was opened at 1PM by the president of CORA Hal Miller, KB1ZQ. There were four directors present representing three clubs. This was our dinner Meeting held at Skyline Restaurant, and as usual the food was really good.

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

Treasurer's Report - There was no Treasurer's report.

President's Report - It's now official, CORA will be hosting the ARRL Oklahoma State Convention July 28 – 29, 2000. Time to mark those dates on your calendar.

C&E Report - The C&E will have to raise its rates. The last cost increase was in 1990, and at this time the newsletter is losing about \$100.00 dollars a month. There have been several postage rate increases since 1990, the C&E has increased in size, and we have about tripled our number of subscribers. It was decided to let the member clubs of CORA decide. We can raise it to .50 cents a month or .60 cents a month. The board of directors will accept your decision. **But we must raise the rates to keep the C&E running.** The increase will need to take effect January 1st, 2000.

Ham Holiday 2000 - Under consideration is contacting a rental company to rent our tables and chairs from. At present we get them from the State Fairgrounds, but we want to see if there is a better deal available.

We hope to invite an astronaut to Ham Holiday 2000. We also hope to get the hearing impaired ladies to run the concession stand.

The meeting was adjourned.

The next meeting will be November 23rd, 1999. This is an important meeting, so be there!

Respectfully submitted,

Forrest Rush, N5VWF
CORA Secretary

CORA VE Testing

On Monday, October 18, the most recent edition of our testing was conducted at the Salvation Army. A comfortable fall evening greeted those in attendance. The session began at 6:00 pm which is the start time each third Monday. The CORA VE team was in place, on schedule, as were the applicants.

Test results of the of the October session are as follows:

Applicants: 2
Elements Administered: 4
Elements Passed: 0
Number Upgraded: 0

Hope to see these applicants, and others, come for the November 15 session. Some resources to assist in preparing for Amateur Radio exams might be useful to you or a friend. Here are some web locations to help in exam preparation: <http://w5ac.tamu.edu/ham-exam-v2/ham-exam.html>

<http://www.clicktron.com/ham/index.html>

(Site to request email test:)

<http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam/html>

(To receive a test via email)

Send an email to exams@www.biochem.mcw.edu. In the body of the email, show generate novice - or- generate technician (or the theory exam you are studying) Within a short while, you will receive a return email with a test, followed by the answer key.

Look forward to seeing you on November 15 at 6:00 pm. Location of the test session is the Salvation Army Divisional Headquarters located at Penn Ave and Northwest Expressway in Oklahoma City. Results of the November 7 Edmond CORA VE session will be in the December Collector and Emitter.

73 de John-WB5SYT

Chit-Chat

By Linda, NILPN

THE FRIEND ALPHABET

A Friend...

- (A)ccepts you as you are
- (B)elieves in "you"
- (C)alls you just to say "HI"
- (D)oesn't give up on you
- (E)nvvisions the whole of you (even the unfinished parts)
- (F)orgives your mistakes
- (G)ives unconditionally
- (H)elps you
- (I)nvites you over
- (J)ust "be" with you
- (K)eeps you close at heart
- (L)oves you for who you are
- (M)akes a difference in your life
- (N)ever Judges
- (O)ffers support
- (P)icks you up
- (Q)uiets your fears
- (R)aises your spirits
- (S)ays nice things about you
- (T)ells you the truth when you need to hear it
- (U)nderstands you
- (W)alks beside you
- (X)-amines your head injuries
- (Y)ells when you won't listen and
- (Z)aps you back to reality

(via the internet)

Calling all Ladies....

If you have not heard yet there is a weekly net held just for us Ladies on 147.090 plus off set on Tuesday evenings at 8:00 PM. It is an open net and everyone is welcomed. If you do not have your ticket, you can listen in or ask your husband if he will allow you to operate with him being third party.

This net gives us a chance to make new friends, exchange ideas and practice our radio skills. If you know of the wife of a ham who has been thinking about getting her ticket, this net is great for her to get her feet wet in. If you have your ticket but have found there was no one to talk to on two meters, this net is what you have been searching for.

There is a second YL/XYL Net just celebrating it's 5th year. It is the YL Packet/e-mail Net. The best way to describe this net is you form friendships

with other lady hams across the USA and around the world. If you would like to learn more, check into the 2 meter YL/XYL Net and ask about it.

LADIES, these nets are for you and if we do not use this gift, it could die due to lack of interest. What are you waiting for? I hope to hear your voices checking in on a YL NET soon.

HH 2000...

We will be hosting the Year 2000 ARRL Oklahoma State Convention in July at the state fairgrounds. In the past several years I have held a craft class/demo for anyone wishing to attend. I am open to requests, suggestions and ideas on what you might want to have me teach at HH 2000. E-mail me at nllpn@swbell.net with your ideas.

HH 2000 planning began in June of 1999 while the final touches were being planned for HH99. There are a handful of individuals who promote and work year around lining up programs and dealers. We have two dealers who also help by bringing us new dealers who have never been to our show before. We have a few hams that attend other ham conventions in at least 4 different states, gathering up information on what works and what doesn't. They do all of this spending their own money and investing their own time. We need your suggestions and ideas NOW so we can discuss them among the board and vote on them. This hamfest is for YOU the members of the ham community and we need your help. It is that simple!

Please send in those Holiday Recipes and stories for the December issue.

Until next month...

Scarcity of repeater sites

In speaking of real estate, of late more and more hams are complaining that its getting hard to find a site for their repeaters. Others wake up to find a notice of eviction with no reason given. In all, it appears as if commercial radio site owners seem to be turning a deaf ear on the needs of ham radio and in this report, Newsline's David Black, KB4KCH takes a look at why this is happening.

Consolidation of broadcasting and other telecommunications properties is having

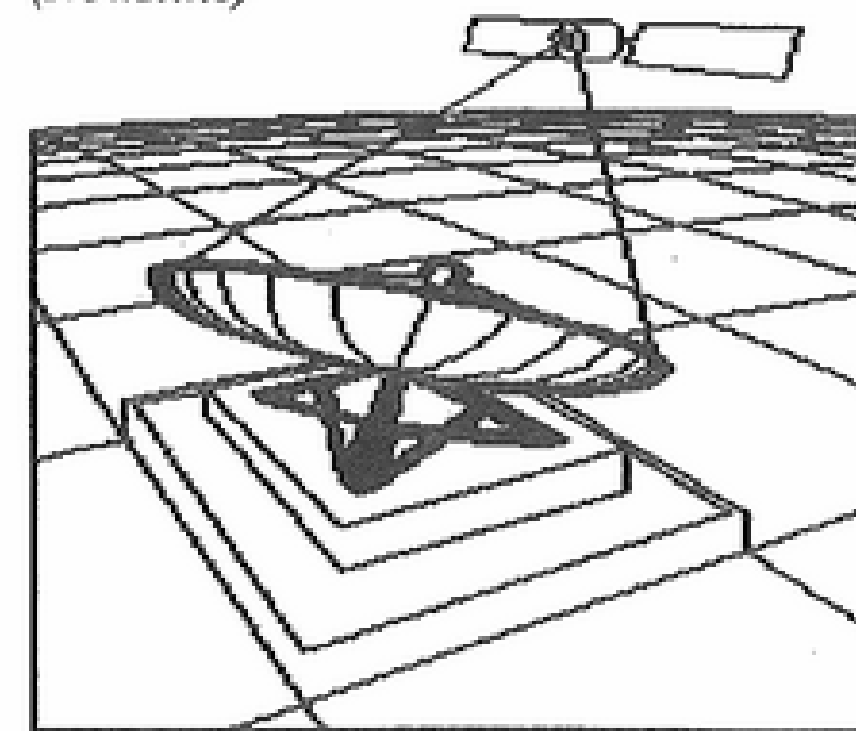
an adverse impact on ham radio repeaters finding and keeping sites. More and more repeater operators are reporting receiving letters from their site landlords telling them that the days of free or reduced tower rental space are over. Others are getting notes telling them that their site has been sold and that the new owners don't want experimental or hobby radio systems at their sites. And as some hams have already found out, no amount of begging, pleading or arguing will persuade the site owner to change its mind.

Most of the problems seem to stem from a recent spate of commercial site buy-outs by a small number of large management corporations. New owners could be hundreds or even thousands of miles away. These companies usually hire a single individual to look after all their properties in a given geographic region. Many of these site managers are business people with no background in two-way radio. Their job is to maximize profit. This means that any non-paying guests are being asked to leave. About 99% of these are ham radio repeaters.

There is also the issue of corporate liability. In the litigious society we live in, site owners want to minimize their risks. If a ham gets hurt working on a radio or falls from the tower, the site owner's knows that a lawyer will soon be knocking at the door. To prevent this, many sites are now off limits to hams, even if the repeater sponsors are willing to pay the commercial rate for the site. And that number is growing as more and more radio sites change hands and the mega-corporations tell Amateur Radio that the welcome mat has been withdrawn.

What can hams do to keep their repeaters on the air? That part of the story, next week.

(Newsline)



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 Thirteen: A Butte Of A Signal From An Unlikely Source...

Xander was spending a Saturday morning doing what he does best, optimizing a microwave version of his world-famous SHAFT ionized column antenna in preparation for the first serious attempt at WAZ (Worked All ZIP codes) on 1.3 GHz. The design challenges were many as he modeled an infinite monopole against a high altitude point source radiator. Designing the top section was relatively easy, but the ionized column transmission line presented a far greater challenge. As he pondered his options, the telephone rang...

It was the director of the National Institute of Standards and Technology. Last-minute Y2K concerns were expressed earlier in the week and Xander was asked if he'd be willing to operate 'warm standby' on December 31st as the primary backup for WWV. Sure, that would be no problem, and this could be a handy test of the worldwide capabilities of the Broadband Ultra Linear Loaded Symbiotic Hyper Impedance Transconductor antenna (also known as a "Pocket Rhombic") operating in continuous carrier duty. With a copy of the time and frequency announcements no one would be able to tell the difference except for the increased signal strength (of course) and perhaps signing as WWVX.

Returning to his work on the 1.3 GHz SHAFT at the visible RF test bench, a few quick experiments revealed an ionized waveguide would likely be his best choice as long as the virtual height was below 50 miles... Minimizing feed line loss was critical as even the best transmit signal becomes QRM when the receive side goes 'poof' before it hits the first preamp... The telephone rang a second time. Could it be the friendly folks at CHU, Canada?

Xander was pleasantly surprised to hear the lovely voice of Desiree Xowolski on the other end of the line... "Doug, could you tune around 27.025 MHz and tell me

what you hear?" Stand by for a minute while I patch a receiver into the phone... A moment later they were listening to a CB'er running the usual "CQ Skipland" patter through an echo box, but in this case the S-Meter was nearly pegged on the right pin... Bodacious signal, and it looks squeaky-clean on the 'scope. "That's just it, Xowolski continued, I've never heard a signal that strong or clean on 11 Meters and the good buddy squeezing the mic claims to be in Montana... I was trying to work some 10 Meter FM, but my receiver is badly de-sensitized more than two megs up despite the mode difference..." Xander flipped on the console monitors and initiated a point of origin search... You won't believe this, but your CB friend wasn't kidding... I'm reading the source about thirty miles outside of Butte.

A moment later, the CB'er was gone. A long silence followed as both Xander and Xowolski tried to make sense of what they had heard. Freak band conditions? D-104 Ducting? Not likely, as the second loudest signal on the band was more than 40 dB down on Xander's modified H-P 3586B. Xowolski's readings were about the same. It was too weird... As if a CB'er had randomly mutated into a superior species of 'Good Buddy'. Could this be the first of a new breed on 11 Meters...? Shooting skip without sounding like they've been Dumpster Diving behind a Radio Shack? There was nothing more to say than 'goodbye', and please call back if you hear it again... Both were puzzled.

Xander couldn't believe how this day was developing... A serious attempt at WAZ on 1.3 GHz would be a challenge for any Ham, but now he'd need to work on the possibility of backing up WWV for the first few days of 2000... Which, he mused, could be pretty cool if he modified the station ID's on the hour and half-hour. "This is Doug Xander, broadcasting on internationally allocated standard carrier

frequencies of Two Point Five, Five, Ten, Fifteen, and Twenty Megahertz..." Nahh, he'd play it straight, nothing to be gained by changing the ID, but it was tempting.

Returning to the WAZ experiment, he found a promising dimension for the ionized waveguide with a projected loss below .2 dB per mile, significantly better than a solid metal design and not much greater than normal path loss. The only trick remaining would be in finding a way to accurately position a point-source radiator at the top of the column. By pulsing the ion generator between half-cycles at the zero crossing point of the RF field this should be possible, but it would demand a super-fast switch he'd need to home-brew. As Xander was making a high-precision wavelength measurement at the standard calling frequency, the phone rang...

It was Xowolski... The CB'er was back. But, this time dominating 27.185 MHz and daring anyone to talk over him. The signal was profoundly strong and probably made 10 and 12 Meters almost unusable for every Ham in the Midwest. Xowolski was justifiably concerned about the QRM, but Xander had a slightly different motivation... If anyone radiates the most potent signal on this planet, it would be Xander... Historic precedent was at stake and could not be ignored!

He asked Xowolski if she was in the mood for a Field Trip, like a quick jaunt up to Montana in the private jet. "What are you going to do, pin his coax?" Nahhh, I just need a closer look. This is not the work of someone using off-the-shelf components, and I believe it's in the national interest to begin our investigation immediately... Xowolski didn't buy this load of QRN any more than you did, but it was an intriguing invitation. "I'll be there in about 15 minutes... Don't do anything stupid before I get there". Xander wasn't

sure how to take that, but he filed his flight plan and re-checked the location of the signal against his on-line library of 3D topographic maps. If his compensation for path distortion was correct, the signal was coming from just outside federal reserve land in a particularly rugged part of the high plains... This made no sense, unless it was another propagation experiment much like the HAARP antenna field in Alaska. A search of budget appropriations in the area gave no clue. If this is a federal or military experiment, it's a secret job...

A few moments later, Xowolski ran her key-card through the reader at Xander's QTH and punched the 'X' button on the elevator... As she entered the shack, he was once again struck by the incredible brilliance of her flowing red hair, her full and pouting lips, the sensuous outline of her female charms barely contained by her casual yet elegant clothing... She was the perfect vision of allure and sophistication. Then, as Xander looked into her sparkling sea-green eyes and her gaze locked onto his, as if exploring the windows into each other's soul, he said: "The charts are almost printed, can you help me carry some of the gear out to the plane?"

As the rest of us paused for lunch, Xander guided his craft through the skies while Xowolski monitored the radio. The CB'er had gone silent again, but to pass the time she began checking in to various HF Nets "for the count" as she didn't want to be overly distracted from the task at hand. As she was listening to a particularly unique 10 Meter Net intended for albino beer can collectors, the S-Meter slammed the peg and the receiver went almost mute. She scanned 27 MHz and found the offending signal. As the CB'er was challenging a station in Newington, Connecticut to talk over him, and questioning the legitimate birth of a trucker, she grabbed her iambic paddles and banged out a particularly salty joke at 35 WPM about a Priest, a Rabbi, and a CB'er who find themselves looking up the hill toward the Pearly Gates... The CB'er responded by mocking the ditty-dot noise on his frequency, then whistled a string of CW gibberish.

Xander asked where she was learning her jokes. "...Just wanted to see if you were paying attention... And I think we found a way to keep this guy on the air". Good

Deal, but save it for when we get there, it could come in handy... She agreed.

Within an hour they were on the ground in Butte and loading their gear into a 4x4 rental. Before leaving town they stopped for lunch and began studying the maps in detail while waiting for their order to arrive. A grizzled old codger in the next booth (it wouldn't be Montana without one) couldn't help but overhear their conversation and asked where they were headed... Xander replied they were going out by the government reservation, and the local asked if they were UFO spotters. No, they just wanted to look at the rock formations. The local laughed and said they'd picked a good place to look at rocks, since that was about all they'd find. The only person who lived out there was a weird guy. Really? Yup, he did some trim work on the house years ago and warned them not to stay too long as rumor had it the area was full of radioactive material. In fact, one of the guys he worked with on the house told him the foundation was on sixteen inches of lead. Damned if he could figure out why anyone would want to live in a place like that, but at least he doesn't have to worry about gophers and moles...

Xander thanked him for the warning and they finished their lunch pondering what they'd find when they arrived. They were looking for radio activity, not the other kind... As the Butte skyline receded in the rear view mirror, the landscape turned to sagebrush and boulders as the road turned to gravel. Dodging ruts and washouts, they made progress slowly as Xowolski wondered if they'd taken a wrong turn back by the section line fire road... Check the GPS, Xander replied. He knew they were going toward something as he'd been keeping an eye on the telephone poles that roughly paralleled the road. Before she could get the GPS working, they crested a hill and noticed a solitary structure in the distance... Unremarkable in every way, except for the location and what appeared to be a set of four Rhombics surrounding the building. Xander pulled the vehicle off the road and parked behind a rock outcropping.

"Do you think that's our guy?" Xowolski asked... "Can you make an old Navy CW op blush?" he replied. Using an ingenious piece of home-brew gear, Xander pointed

a far-field inductive AC ammeter at the power lines. The display took a moment before it settled on a nominal draw of 1.4 amps while the GPS indicated they were within a mile of the predicted source. Xander studied the terrain with a spotting scope as Xowolski clipped a dummy load to the rain gutter for a wideband antenna. Nothing heard. The first thing that caught Xander's eye was the large warning sign less than 300 yards from the building. "No Trespassing, US Government Property. Lethal force has been authorized beyond this point..." Geez, he'd read about these, but this was the first one he'd ever seen. The antenna supports came within a few yards of the perimeter and it looked like someone wanted them as close as possible without risking an incident. The antennas were Rhombics with a pair of stacked wires half a wave apart. If this wasn't the guy, it was one incredibly serious SWL.

The minutes passed slowly until Xowolski could wait no longer. She picked up the paddles and banged out a 35 WPM burst of CW on 27.185 MHz. BOOM...! The frequency lit up at 40 over 9 through the dummy load as the power line ammeter jumped near 20 amps. This was their guy.

As they walked toward the site, Xowolski noted a rising background radiation level. The local rumors were true; it's a waste dump from cold-war uranium processing. Then... Xander had a Blinding Flash of Inspiration... A depleted uranium ground plane would add tens of decibels to the normal signal strength; this is a devilish example of a brute-force RF design...

Xander approached the front door and paused for a moment as Xowolski caught up with him, then knocked firmly... After a few moments, the door opened slowly and a shadowy figure drew near the light. Xowolski gasped... The man at the door was the exact image of Xander himself.

Xander turned to Xowolski as the late afternoon sun highlighted their faces, then said: "May I introduce you to Damien...? Damien Xander... My Evil Twin".

To Be Continued in the Next Century!

The QSO is out there.

Contents Copyright 1998-1999
by Nelson Derks - KC5QVV

Tales From The Log

By Jerome Doerrie, K5IS

There have been many interesting contacts during my 40 years in ham radio. Come and set beside me while I reenact the passion and excitement of one of the special QSOs.

#1. DX SNIFFING TECHNIQUES

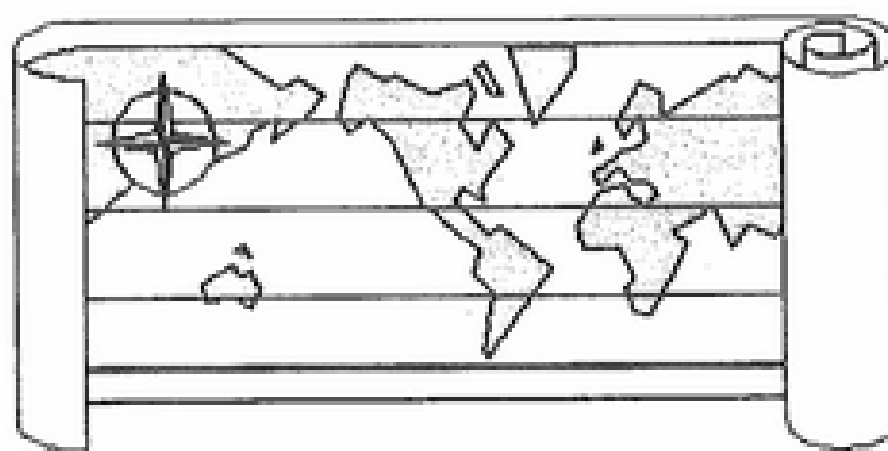
It is rumored that there are only two kinds of hams DXers and Dxr wannabes. Some, more so than others. Whether using voice or code, the mystique and glamour of talking to someone in far-a-way places does pique my adrenaline. During the low of the sunspot cycle, there may be random eruptions of activity from the sun that cause the upper hf bands to briefly open. This was one of those times on December 14, 1995.

The sun will be up in a few minutes. Around local sunrise, the signal of the station on the east end of the path will rise up out of the noise for about thirty minutes and be good copy by stations to the west. Tuning across 3.500 to 3.515 MHz reveals several JA (Japan) stations ready for the sunrise action. Quickly I scan the bottom end of 40 meters, also hearing several JAs. Today, I can choose between working the JA stations or prospect the bands for something more interesting. I am not in the mood for JA QSOs this morning. I would like something less common, so I go on to check 20 meters. European stations are coming in on long skip with lots of short skip stateside interference. I hear countries that I have worked many times so next check 15 meters. No signals are heard. It will be later in the morning before 15 meters opens, if it makes it with the low sun spot count. Now is the time to stay up late at night and work 80 and 40 meters. When the spots return again, then 15 and 10 meters will be the fun bands. I put the rig on 17 meters and start tuning up the band from the low end, stopping to check out and identify each signal.

There is a YO (Romania) working a HK (Columbia) station. Slowly tune up in frequency by stopping to sniff out each signal to figure out the call signs. There is an EA (Spain), next a DL (Germany), and then a G (Britain) all working South American stations. What is this? A brisk operator handing out signal reports at the

rate of 3 a minute. There, he calls "QRZ de 1A0KM" - - that is one A zero. Checking the list I see that this is the unofficial prefix for the Sovereign Military Order of Malta.

For the DXCC, an award for working 100 or more countries, it is amusing about what is considered to be a country. It is easy to see how political boundaries like Canada, France, or Mexico can be a country. Islands that are independent nations count as countries such as Iceland and Tuvantu. Even islands that are far enough away from the main land, such as Hawaii, are included on the country list. Sometimes, buildings such as the United Nations building in New York City counts as a country. But, how does a military order count as a country?



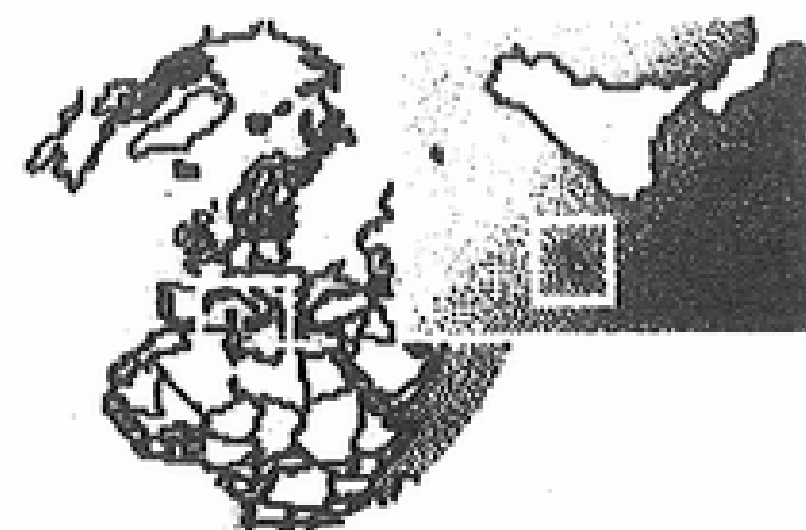
According to the encyclopedia, the origin of the Knights of Malta dates to the 11th century when a group of men maintained a Christian hospital in the Holy Land. This group was recognized in 1113 by Pope Paschal II as the Knights Hospitalers of St. John. In the 1200s, the order was militarized and fought in the Crusades. In 1291, the Moslems expelled the order from the Holy Land. The group eventually moved to Malta and took the name Knights of Malta. Napoleon defeated them in 1798 and the order lost political power. Its headquarters was moved to Rome in the 1840s. The order has some rights of sovereignty and maintains diplomatic relations with 24 governments. This sovereignty lets an area of about 2 blocks by 3 blocks in Rome count as a country. Ham activity is permitted on special occasions, provided that the antennas are not visible to the public. Usually they take their antennas down during daylight hours and only operate at night. This makes for difficulty in making a QSO with this country.

Today, they are operating during daylight, so I need to figure out the operating style of the operator. Where is he listening? What is his pattern of tuning? A good

operator wants to work as many stations as fast as possible. This means getting the stations lined up and having little lost motion. The practice of using the last two letters of a call sign only tends to slow down the process, because the operator will have to ask for the full call sign, then wait while it is being sent. It is a good practice to use your full call sign.

No stations are heard making contacts on the 1A0KM frequency, so he is operating split frequency. Now to figure out where he is listening. Put the 1A0KM frequency into the A vfo, then push A=B, and start tuning with the B vfo. The rig will transmit on B and receive on A with the vfos in split. Start by looking up 2 to 6 KHz. Punch the A button to listen to KM, then punch B to hunt for the station he is working and try to figure out his tuning pattern. I want to place my signal in just the right spot at the right time so that the next station he will work will be me. Ah, he is working a station 4 KHz higher. Next he works a station 4.2 KHz higher. Quickly, set my frequency for 4.4 KHz higher, wait for the QRZ, then send my call sign one time. What's this? He answered a W3, but the W3 is not near my frequency. Now what? On a hunch look back down at 2 KHz above KM's frequency....oops, KM is transmitting. Next station worked is 2.2 KHz up. Set up at 2.4 KHz. OK, send my call one time.... hear "K5IS ur 599 K" and I send "de K5IS R TU 599 k" and he comes back "R K5IS QRZ de 1A0KM". Fifteen seconds later and it's over at 1511 UTC.

My 100 watts and wire antenna (a Windom) worked a new country! The sun has been up about 60 minutes and I need to go tend to the irrigation water. I listen for a bit to all that are calling but have not learned how to sniff out the dx. Feeling happy, I turn off the rig and head out to go play in the mud. What a great morning, I have a new country in the log!





Oklahoma City Autopatch Association

Minutes of the OCAPA meeting for September 21st, 1999.

The meeting was opened at 7:32 PM by the president of OCAPA Glynn Massey, N5WNL. Nineteen members signed in at the meeting.

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

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

Program - The program was a presentation and an appeal from Chris Bradshaw, Oklahoma County Emergency Coordinator. Oklahoma County is asking OCAPA to form the core of a countywide emergency net to be called on in an emergency. This would include severe weather, but can include items beyond severe weather. Net control would be stationed at the OK County EOC located at 320 Robert S. Kerr. As a result of this presentation, the following motion was made and passed: Motion: Move that WA9AFM, WD0GTU, WL7FT, and WA6LBU meet with the OK County E.O.C. and fix up the details concerning this proposed Metro Area Emergency Net.

Technical Committee - No Report

JOTA - Mark, WL7FT, needs volunteers for JOTA October 15 & 16, 1999

Respectfully Submitted,
Forrest Rush, N5VWF
OCAPA Secretary

Minutes of the OCAPA meeting for October 19th, 1999

The meeting was called to order by Glynn Massey, N5WNL, president of OCAPA.

Introductions were made. There were nineteen members present.

Secretary's Report - The Secretary's Report was accepted as read.

Treasurer's Report - The Treasurer's report was accepted.

Technical Committee - The technical committee is still waiting for the coax for 147.210 to come in.

JOTA - The Jamboree On The Air was a huge success. There were about 250 scouts at our location, and everyone had a lot of fun. Hopefully we also interested some scouts and scout leaders in amateur radio. We intend to do it again next year in a different Scout District.

CORA - Elections were held. The current officers were all re-elected.

President: Hal Miller, KB1ZQ.

Vice-president: Tom Webb, WA9AFM.

Treasurer: Perry Jenkins, N5PJ.

Secretary: Forrest Rush, N5VWF.

Christmas Party, 1999 - The Christmas Party will be held at the Hometown Buffet at 1012 SW 74th street in OKC. The date is the 21st December. Bring a white elephant gift to the party.

OK E.O.C.

The organization between OCAPA and the OK county E.O.C. will be very similar to the weather spotting organization we have with KWTU channel 9 for severe weather.

Special Event Station for Oklahoma Statehood Day - On the 13th of November from 10am to 4pm EARS will have a station set up in the rotunda of the state capitol building. OCAPA has been invited to join with them in operating the station. Mark this down on your calendar.

Code Practice - Johnnie Sakaly, KM5GM, will be putting on 5wpm code practice beginning November 15, 1999. This will last for one month. Now is the time to get your 5wpm code if you don't have it.

Special Program - Sam Anderson of Wayest Safety, Inc. gave a very interesting presentation on the latest technology in "fall protection". He demonstrated a full body harness for tower climbers, and had a lot of interesting stuff. Because he is a

sales rep for DBI, he can give a much better price than if you went out and bought retail.

Since we moved that we would buy the necessary equipment for our tower climbers, once they let us know what they need, we will get it.

The meeting was adjourned to Coits for refreshments.

Respectfully Submitted,
Forrest Rush, N5VWF
OCAPA Secretary

Boy Scouts and OCAPA make JOTA a huge success.

This year over 300 Scouters participated in the 1999 international Jamboree On The Air (JOTA). This year's Big Teepee District Fall Council was scheduled to allow OCAPA, and the American Red Cross to show as many boys what Amateur radio was all about. Scouts from all over the world were able to see and hear first hand how the scouting movement is actually a worldwide brotherhood.

The assistance of local Amateur operators from the Oklahoma City area also made this a huge success. Scouts talked worldwide for 48 hours into areas such as the Kamchatka Peninsula (Soviet Union), Midway Island (South Pacific), and St. Helena Island in the South Atlantic.

Participants of this year's event included 180 Boy Scouts and Webelos, 120 parents, and 12 Girl Scouts. Everyone who participated raved of first class effort by all. This caliber of participation in ham radio makes a distinct difference for today's youth. One might call it "taking stock in the future", showing all that it is possible to stay off the streets, and giving them a look at a personally and professionally rewarding hobby.

Key volunteers From OCAPA were the MARKS Brothers: Mark, WL7FT; Mark, W5PDH; Mark, KD5CXP; and Clay, WB6LBU. Many thanks to all, and hope we may have as good an event next year.

WELCOME ABOARD!

You should feel proud of your accomplishment in passing the Technician/Novice exam, and you can look forward to a lifetime of enjoyment in ham radio!

With the ticket you now hold, you can operate VHF and above, voice, packet, satellite, television ... with nets, foxhunts, contests, hamfairs -- plenty to keep you busy (and broke).

So why upgrade? Because there's a whole n'other side of hamming. The HF bands are literally the area of worldwide communications. Tacking that Plus onto your ham license will open the door to the wide world of HF. There is just that one tiny bridge to cross -- the dreaded **M O R S E C O D E !**

Or CW, as we call it for some odd reason. Is it old-fashioned? Yes, it was the first radio mode back in the Marconi days, but it still works for an estimated 200,000 hams around the world - and it's the top mode on today's ham satellites.

Is it difficult to learn? No, it has been mastered by children, men and women of all ages, and by people of every handicap, including the deaf. It is not "another

language". It's simply another alphabet -- an alphabet of rhythm. Musicians love it.

So what's in it for you? First, the 10-meter band. Even if you never touch a key, you'll get voice privileges on a world class ham band for ten years, renewable. But wait, there's more...

Suppose you discover, to your surprise, you actually like CW? You will also have CW privileges on 80, 40, 15, and 10 meters, which you will retain even if the FCC changes the rules later.

Soon we'll be offering a free on the air CW training net, with the goal of helping you pass that 5 words-per-minute exam. It is called the "C W 5 Net", and is held on the 2-meter band. This will be our sixth edition of the CW5 Net.

The net frequency will be 146.820 MHz, negative offset.

The Oklahoma City Auto-Patch Association (OCAPA) has generously offered this repeater for our purpose.

Even the simplest one-watt unit with a whip or rubber ducky antenna is fine. You will NOT need a Morse key or textbook. You WILL need pencil and paper, and your full concentration.

The CW5 Net begins MONDAY, NOV 15th at 7:00 PM local time.

The net runs six nights per week (Saturdays off) for a month. Each meeting lasts no longer than one half-hour. If you are not sure you can attend every session, sorry - we cannot help you.

How does it work? We follow a planned syllabus of drill, quiz, and review for each half-hour meeting. We cover all of the required Morse characters and procedural signals. Time allowing, we toss in some tips on taking the exam.

We use the Chinese Water Torture Method, also known as good old rote memory - it works. We begin with the most difficult letters. This gives you time to learn them well. When you get through the first week, the rest is downhill.

If you stick with the program, you will be ready to PASS your five words-per-minute exam by Christmas. Why not go for it? Maybe Santa will bring you that HF rig you've had your eye on.

Do you think it's time to begin your next step in Amateur Radio? I invite you to join us on the CW5 Net, and would like you to contact me in advance for more info.

Once again, Congratulations and Welcome Aboard!

73 --- "Johnny" --- KM5GM

Phone: (405) 239 - 2779 - Leave message include name, callsign & phone number

Write: KM5GM P. O. Box 83452 OKC, OK 73148-1452

E-mail: KM5GM@ARRL.NET



Left to right are Mark, W5PDH; the boys of Troop 116 (Tinker AFB), and Mark, WL7FT



Edmond Amateur Radio Society

Birthdays:

The following EARS club members have November birthdays:

11-01	Opal King	KB5BUK
11-03	Bob Hebert	N5SAG
11-04	Jim Richardson	N5OHL
11-04	Garland Holmes	KC5SMM
11-04	Gary Carson	KD5CPL
11-14	Linda Richardson	N4OJP
11-14	Tony Reed	N5QIP
11-19	Jesse Jones	KD5BFB
11-21	Robert Coxsey	KM5GZ
11-21	Patrick Martin	KD5CPQ
11-23	Curtis Foote	KC5GEP
11-25	Phyllis Hand	KC5QJS
11-25	Sara Grossman	KD4GDF

New Members:

We welcome the following members to the club:

Lewis Keeling, KA5HYJ

Member Information:

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

de Sharon Thompson KM5GV

Past Activities:

We staged the UCO homecoming parade a few Saturdays ago. We were out bright (?) and early before 8:00 AM in a new area on the campus to stage from. The parade went off with very few hitches. Many thanks to the crew that got it all together.

Future Activities:

The following will look familiar from last month. Colder weather is here. These activities will be a good opportunity to get outside.

The November EARS Emergency Net will be at 11:00 AM Saturday the 6th of November. Be sure to check in and verify your radio operation at the following event:

The November Siren Test will be Saturday the 6th of November at high noon. The December Siren test will be the 4th of December at high noon. Have you done your monthly public service yet? Edith Vaughn KA5YPX always needs to hear from you if you can spend some time watching the sirens. Give Edith a call at 348-2961 to get a spot to watch and listen from.

Breakfast still happens each Saturday at 2nd and Coltrane in Edmond at the Country Kitchen some time around 8:30 to 9:00. Come see whether mountain lions roam around northern Edmond.

Don't forget about the Monday Night Information Net! Tune up on 147.135 mc. at 8:00 PM. You never can tell what you're going to hear about on the net. Do you have an interest in calling this net? Bob Coxsey is the net manager. Give him a ring and he'll sign you up.

The EARS Christmas Party is coming up on the 4th of December. Plans are still being made, and there are still many ways to help. Make your plans now to be there. Bring all the family. Gossip has it that Santa may stop by!

The Big One:

The HF committee has arranged for our Oklahoma Statehood Day Special Event Station to be set up in the rotunda of the state capital on November 13th. Be sure and get this on your calendar. Members and non-members (and even non-hams) are all welcome at this event. This will be a wonderful opportunity to showcase amateur radio for the public to appreciate. The state has been very cooperative in use of the facilities. Bring your whole family by. It will be a fun time.

Future Events:

Board Meeting - 7:00 PM Tuesday, October 9th at the club station. Come on by and see how the club operates. Make your voice heard. If you don't come, we may nominate you for something.

Thursday nights at the club station. Around 7:00PM. Anyone for a little Elmering? Come on down!

November Club Meeting - 6:00PM Sunday, November 14th - St John the Baptist Catholic Church. All members will want to be there for elections of next year's officers. Again, be there or we might surprise you with your new office!

de Curtis Foote KC5GEP

Novice/Tech Classes: Licensing Class 1999

EARS classes remain in session, having started August 22. The classes are meeting in the Edmond Downtown Community Center each Sunday afternoon. 32 students enrolled with 28 remaining in good attendance with support from the club and their peers. Over 10 students have perfect attendance. It is a very active and interested group of students who are being taught Novice/Technician theory and 5-wpm code.

Code instructors are: Brad Thomson-AC5CQ, Sam Sitton-W5CU and Dave Storey-K0TYC. Larry Traub-N5OL, Dave Storey-K0TYC and John Thomason, WB5SYT have provided on-air demonstrations. These sessions have been very productive and caught the eye, if not the ear, of our students. Being able to showcase such a nicely equipped club station is a great benefit of the having the classes at the KC5ORP site. Nice effort guys!

Theory instructors are: Earnie Wolf-K5YKD, Dave Storey-K0TYC, Lee Vaughn-KA5WIS, Clarence Dollmeyer-KB5RR, Curtis Foote-KC5GEP, Rick Tasetano-N5KLM, and Harold Wells-WA5ZKX. The students have found these theory lessons interesting and appreciate the test equipment, radios and materials which are demonstrated. Our instructors have put forth great effort, energy and time in covering the weekly sessions in an accelerated fashion and are to be commended.

Highlights from the 1999 licensing class include, but are not limited to, the following:

- High student interest and attendance rate
- Excellent club support
- Weekly communication with the students between class sessions
- Treats! Cold drinks and plenty of "brain-food"
- Including Rick-N5KLM, as instructor
- On air demonstrations using the club station
- Mid course evaluation by the students which provided constructive input
- Several club members having family members in class.
- City of Edmond assistance with classroom accommodations and logistics

Several club members have provided organizational and on site assistance to the class. These include: Sherry Storey-KD5CPJ, Sharon Thompson-KM5GV, Justin

Soliday-KM5IA, Terry Deas-KC5GDC, Clara Granger-KG5UG and John Thomason-WB5SYT

By the time you read this the VE session of Sunday, November 7 will be completed. The CORA VE team provided the testing.

New to the curriculum this year is a student gathering on November 14. It is being termed the "Now that class is over, what now?" session. The plan is to provide resources to assist our students' entry into the hobby by discussing and demonstrating antenna building, operating strategies and etiquette, repeater operations, operating awards, and QSL cards. Organizations, locally and nationally, to assist a new ham in enjoying the fruits of their effort, will be covered.

An exciting cast of characters, including Allen Watson-W5ERY, is expected to give our newly licensed hams the benefits of their many years of experience in Amateur Radio. We feel this day will jumpstart our students in making the transition from being newly licensed to finding their home in Amateur Radio in a smooth, fun and positive way.

Will give an update after the licensing class is completed.

73 de EARS Licensing Class Staff

Health And Welfare:

Here is the latest concerning the EARS members.

We wish to extend our deepest sympathy to the Richardson family, Jim N5OHL, Linda N5OJP, Paul KB5KPL, Jennifer, and Emily. Jim's mother, Margie, passed away on Saturday, October 23rd, 1999 in Dallas, Texas. We want you to know that we share your loss. May your strong faith, many fond memories of your loved one, and our thoughts and prayers help to lighten your burden of sorrow. God bless you and all the rest of your family.

Hope all is going well with the rest of you. Let us all take a few moments to count our blessings. I will sign off wishing everyone a Happy Thanksgiving.

73 de Clara Grainger KG5UG

Final Thoughts:

As the year starts to wind down, next year starts to gain importance. The nominating committee is starting to work on filling officer slots for next year. Who will they get to fill the positions? Who will volunteer to do the work?

Maybe it is the same in every club. Some of the people do quite a bit of the work. Those people will typically have held lots of offices, spent lots of years in leadership positions, and would like to back off and let some others in on the fun. But who will step up to the plate now to do the work and take on leadership responsibilities? Yes, it takes a little time to keep the club's affairs in order. "Someone" has done it for a long time. But who is going to do it now? Can the newer members step right up? Will the older members do it again? Does either type of member have more time to devote to the club than the other? Will you serve if asked? Important questions for the future of any radio club. I like the Blood Drive T-shirts that say "Don't be chicken, give Blood!" Maybe its time to say: "Don't be chicken, Serve Your Club!" May your nominating committee have an easy time.

That's it for this month. Please send information for next month's C&E to Curtis Foote at cfoote@theshop.net or curtis.foote@nextel.com so I won't have to take up so much space.

Oklahoma Statehood Day

EARS is hosting a special event station on Saturday, November 13th in the State Capitol rotunda to honor Oklahoma Statehood Day. The event is held on Saturday the 13th as the official day (November 16th) is on a Tuesday which would limit participation. As you may know Oklahoma became the 46th state in 1907. The week of November 13-20 has been declared Amateur Radio week in Oklahoma by Frank Keating, Governor. The proclamation recognizes the public service effort by Amateur Radio operators throughout Oklahoma. All Oklahoma Amateur Radio operators should be honored to have this recognition. Amateurs from near and far are encouraged to come to the state capitol on this day to participate in the special event station.

Entrance to the capitol will be on the West Side, under the green awning, with hopeful nearby parking. Talk-in will be on 146.52 and 147.135+. Antennas will be on the South side of the capitol. The station should be in operation by 9:00 am with setup starting around 8:00 am. Based on band conditions and available stations to contact, the special event should go through early to mid afternoon. The State Capitol police will be able to direct you up one level to the Amateur Radio station. Might be a good time to pack your Amateur Radio license along. Operating frequencies for the station are 50.189, 28.389, 21.389 and 14.289. Check page 90 of November QST for certificate information.

For several years now, EARS has celebrated statehood day with a special event station. Future plans call for taking the event to Guthrie (first capitol of Oklahoma) and other historically significant sites in Oklahoma. All to say, we encourage all to participate and join in the fun.

To put 1999 and the Special Event Station into perspective we take a look into Oklahoma of yesteryear:

Fossilized remnants of prehistoric America are preserved in a creek bed in Oklahoma's western Panhandle, where huge footprints mark the presence of the dinosaurs that trampled through ancient tropical forests

200 million years ago. The early Indian cultures that developed in the region at least 10,000 years ago also left behind some traces--intricate carvings on the canyon walls along Oklahoma's Cimarron River. The development of Oklahoma was different from that of any other state because it was untouched for so long by the culture of the settlers.

History books say the development of Oklahoma's vast resources began with the Indians. In the 1800s, the US government made most of the area a huge Indian reservation. The Indians with their own governments and schools developed separate nations. The combination of two Choctaw Indian words -okla, meaning people, and homma, meaning red resulted in the name Oklahoma

Then in 1897 the drilling of a commercial oil well started a new and richer boom. The population had soared to more than 1,400,000 by 1907. In the early 1900s the farms and ranches of Oklahoma were fertile and productive. The population had soared to more than 1,400,000 by 1907 (November 16), the year Oklahoma became a state. It is this time period of territorial days that is told in Rogers and Hammerstein's musical play Oklahoma! (1943) The title song from this play became Oklahoma's State song.

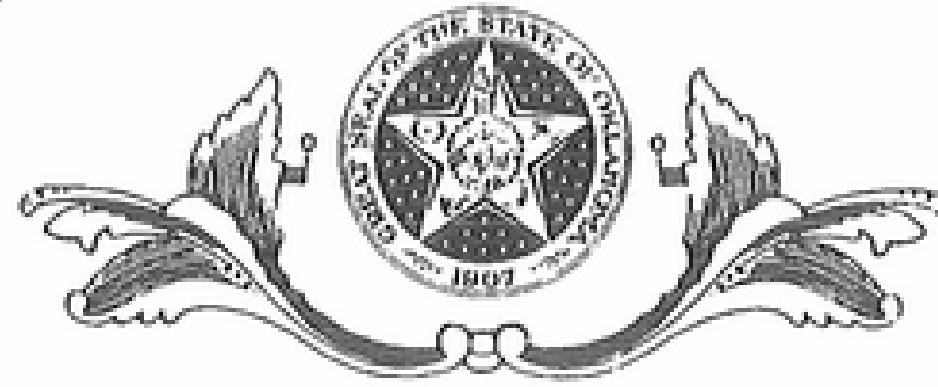
In the 1930s times changed. A long dry period and low farm prices brought disaster to the farmers. Oklahoma's population dropped as many farmers and other workers left the state. John Steinberg's famous novel, The Grapes of Wrath, (1939) was a fictional but credibly regarded description of the drought of the 1930s. The term Okies was coined in the 1930s for the dispossessed farmers from Oklahoma's Dust Bowl in the Northwest. Popular autobiographies about growing up in Oklahoma were written by folksinger Woody Guthrie, and humorist Will Rogers.

History books cite the following notable events in Oklahoma:

1541 Coronado crosses Oklahoma area; claims land for Spain.

1802 Pierre Chouteau, Jr., a Frenchman, establishes fur-trading post on site of Salina.

STATE OF OKLAHOMA



EXECUTIVE DEPARTMENT

Proclamation

Whereas, the Edmond Amateur Radio Society will be operating a special events station from inside the State Capitol to celebrate Oklahoma statehood day. Contacts are planned with other Amateur Radio operators throughout the United States and other parts of the world; and

Whereas, more than 8,700 citizens of the State of Oklahoma have been licensed by the Federal Communications Commission as Amateur Radio Operators. These dedicated volunteers, also known as Hams, have been providing vital supplemental communications to their communities during times of natural disasters, in local emergencies, and at public events since the earliest days of wireless radio; and

Whereas, these dedicated volunteers have greatly assisted the Oklahoma citizenry during the extreme trauma associated with the May, 1999 tornadoes and the April, 1995 federal building bombing. This assistance by the Amateur Radio operators was provided using personal equipment including vehicles; and

Whereas, these Hams work without compensation in the best interest of the State of Oklahoma as well as the world; and

Whereas, Hams are on the alert for any local or global emergency. They practice their communication skills during the course of the year, including the American Radio Relay League's Field Day exercise; and

Whereas, Amateur Radio promotes international goodwill, encourages young people to pursue an education and career in scientific, engineering or liberal arts fields, and expands communications and electronics through experimentation;

Now Therefore, I, Frank Keating, Governor of the State of Oklahoma, do hereby proclaim the week of November 13-20, 1999, as

AMATEUR RADIO WEEK

in the State of Oklahoma.

In Witness Whereof, I have hereunto set my hand and caused the Great Seal of the State of Oklahoma to be affixed.



Done at the Capitol, in the City of Oklahoma City, this 22nd day of October, in the Year of Our Lord one thousand nine hundred and ninety-nine, and of the State of Oklahoma the ninety-first year.

David L. Munger
ASSISTANT SECRETARY OF STATE

Frank Keating
GOVERNOR

1821 Sequoyah completes Cherokee alphabet after 12 years of work; moves to Oklahoma in 1828.

1888 Oklahoma's first oil well drilled.

1890 Congress creates a territorial government in western Oklahoma; capital, Guthrie; governor, George Steele.

1906 Delegates from Indian and Oklahoma territories meet to draft state constitution. Prohibition adopted.

1907 Oklahoma becomes 46th state, November 16; capital, Guthrie; governor, Charles N. Haskell.

1910 State capital moved to Oklahoma City.

1917 State Capitol completed.

1928 Oklahoma City oil field opened.

1940 Pensacola Dam on Grand (Neosho) River forms Lake o' the Cherokees. Denison Dam completed on Red River, forming Lake Texoma, in 1943.

1959 Prohibition in state repealed.

1963 Oologah Dam on Verdigris River dedicated. Canadian River dam creates Eufaula Reservoir and Arkansas and Cimarron Rivers dam creates Keystone Reservoir.

1964 H.E. Bailey Turnpike opened.

1971 McClellan-Kerr Arkansas River Navigation System dedicated in ceremonies at Catoosa.

1986 Kerr-McGee Corporation, based in Oklahoma City, agrees to pay \$1.38 million to the estate of Karen Silkwood, who was contaminated with plutonium while employed by the company.

1995 Terrorist car bomb destroys federal building in downtown Oklahoma City, killing 168 people.

1999 Amateur Radio Week declared by Governor Frank Keating with Special Event Station honoring Statehood Day

New Orleans DX Convention folds

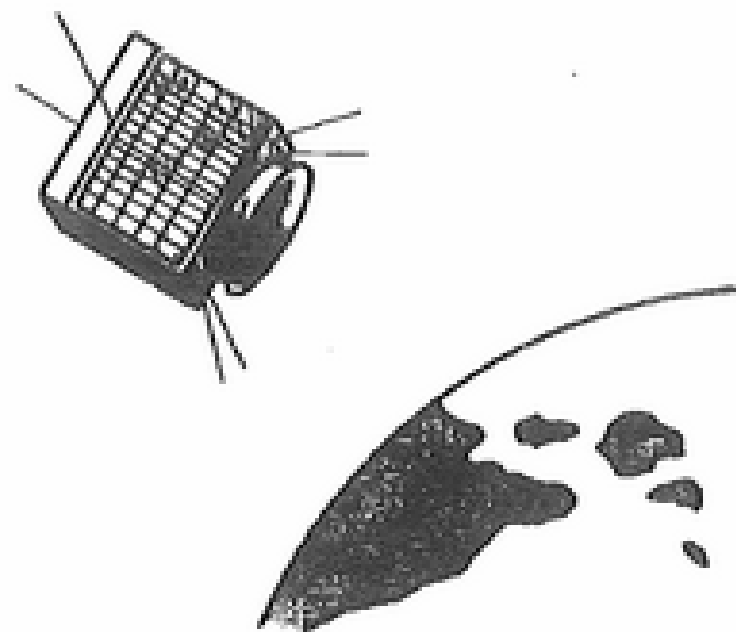
The New Orleans International DX Convention has called it quits after eight years. A message from Convention President Don Boudreau, W5FKX, says that after several weeks of review, the convention's Board of Directors have voted to dissolve the annual event.

Boudreau says that the decision to close the show is based on a combination of a financial deficit and a flat attendance for the last several years. This he says has convinced a majority of the Board

members that they could no longer justify the extensive amount of work and effort that was required to maintain a quality program.

The convention organizers extended a sincere thanks to the Convention's friends and supporters, as well as to all those who have attended over the last eight years. The final New Orleans International DX Convention took place the weekend of August 28th.

(W5FKX, ARRL)



Phase 3D gets launch contract

AMSAT's Phase 3D ham satellite finally has a firm launch commitment. AMSAT says the Phase 3D Amateur Radio satellite has been accepted as a payload for the what the ham radio space agency calls the "first suitable" Arianespace Ariane 5 vehicle launch.

The announcement came Friday, October 10th from Phase 3D Project Leader and AMSAT-Germany President Karl Meinzer, DJ4ZC, who said a launch opportunity could come during the first half of next year.

Timing of the announcement could not

have been more propitious. The AMSAT-NA Symposium and Annual Meeting were held last weekend in San Diego. Specific details of the launch agreement -- signed October 5th -- were not released and at air time, an exact launch date is still not known.

(AMSAT - DL)

World's first tram to satellite contact

The first successful QSO from a tram via an amateur satellite occurred on Saturday, October 2nd. It was a true satellite DX pile-up.

Tony Langdon, VK3JED was the ham behind the tram to satellite project. He was on a tram in Melbourne when he made the contacts you just heard. Langdon says that he had a few prior failed attempts before achieving success via the FM crossband repeater aboard the recently launched South African Sunsat ham satellite.

(Q-News)

ITAMSAT IO-26 opened to APRS use

Alberto Zagni, I2KBD reports that the ITAMSAT satellite is now available for digital use. Alberti, who is the Mission Director for the Italian ham satellite project says that ground controllers have switched on the digipeater function. He says that many stations in Europe have already used it started to use IO26 to repeat back their own UI frames and to perform APRS tests.

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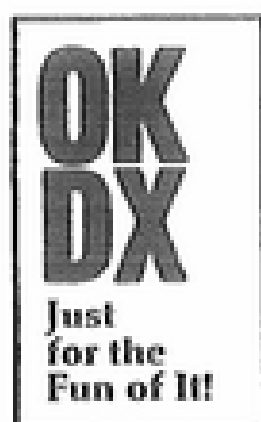


Mike LaPuzza – KM5QX

(405) 745-3394 or 745-1019

e-mail: km5qx@juno.com





OKlahoma DX Association

From Da' Prez...

By LARRY SHIMA, WØPAN

Fall is upon us and that means it's time for DX Chasing and Contesting. With the static crashes of spring and summer a distant memory, the low bands are filled with comfortable copy and I hope you've been taking advantage of the excellent DX opportunities heard on 10 Meters lately. From top to bottom, the HF bands are putting on a show rivaled only by the autumn colors of nature. I hope all of you will take advantage of the season and finally get that elusive station that always seems to go QRT just before it's your turn.

Several weeks ago I received e-mail from Onis Cox, K5COX (x-KC5RPC) resigning as our Secretary / Treasurer. Mark Byard, N5OG is patiently handling the duties until we can hold an election. This election will be done via E-Mail & Snail Mail after a candidate is finalized. Which, I hope, will happen by October 31st. In the meantime, I'd like to remind the membership that Mark has been our Secretary / Treasurer for more than SIX YEARS and if anyone has done more than their share for the Association, it has to be Mark. I find it somewhat amazing that in a club with 93 members it has been so difficult to find just one willing to take the office... The OKDXA is a fine Association, but it won't run on good intentions alone.

Shortly after the election, you will receive a letter reminding all members that we are in the new club fiscal year that runs from October 1 to September 30 and that means **IT'S DUES RENEWAL TIME**. There will also be some ideas on projects for the year 2000 included in the letter and I hope you'll take the time to read them and share your thoughts with me via E or Snail Mail.

Nelson has put together an excellent follow-up to my column of last month so I will let that conclude my comments for this month. But, before I go, I'd like to remind everyone that we actively seek your advice on ways to promote the OKDXA as the outstanding group of

DX'ers and Contest enthusiasts it has become. We invite all kindred spirits to join with us as we assist DXpeditions and other projects with our financial support. If your radio universe extends beyond the local repeater, **WE NEED YOU AS A MEMBER OF THE OKDXA**. For now, please address your interest in joining us via E-Mail to w0pan@arrl.net and I will get the membership information to you.

73, Larry Shima, WØPAN

From Da' Editor...

By NELSON DERKS, KC5QVV

Let me begin by saying I am very grateful for the recognition of the Association in presenting me with the 'OKDXA Ham of the Year' award for 1999. There are plenty of members who are better DX ops than I'll ever be, and even more who run a better station, but when it comes to appreciating the goals of the OKDXA and pride in membership there are very few I'll take a back seat to. **THANK YOU** for your generosity! I'm proud to represent the Association through this Newsletter. The OKDXA is fortunate in the quality of its members and one of the best radio clubs I could hope to be associated with...

On a sad note, a recent E-Mail from the ARRL noted the passing of Jean Shepherd, K2ORS. Many of you won't recognize the name, as he was best known for his 20+ years on the air with WOR in the late Fifties through early Seventies. That's a tough copy in Oklahoma as WOR in NYC shares 710 KHz with KCMO in KC, MO. (how's that for a Vanity Call?) He wrote several books, a fair number of TV shows for PBS and others, and a few articles for *Playboy* magazine... Which we looked at for the articles. Right?

Jean Shepherd worked late nights and could hold an audience for hours with his humorous stories. At times he would run 5-10 minutes long and rarely got cut which is unheard of in Big Market Radio today. There were other nights when he'd get the crew rolling on the floor and WOR would drop a news break because the announcer got a bad case of the giggles. He was that good. I know this because I was living in Philadelphia and working nights in the late 60's and became a regular listener despite some of the best Top 40 stations ever heard sharing the dial. Jean Shepherd was definitely 'One Of A Kind'. Broadcast and Amateur Radio lost a gem when he passed.

If you took the time to read the comments of Larry Shima, WØPAN last month you discovered he has a significant history of supporting the Amateur community, both locally and nationally. Larry touched on the need to promote the hobby with an emphasis on how much fun this radio stuff can be... I'd like to continue the thought.

Like many of you, I developed an interest in electronics as a teenager. I tinkered with 1940's vintage 'Curbside Consoles' in the 60's which usually needed a new tube or wax paper condenser (what?) and weren't too hard to fix. Remember the fancy glass dials with the World Capitols and a 6U5 'cats-eye' tube? Pretty nifty stuff to a kid like me, and when I got one going I could spend hours listening to DX BCB stations. It seemed like the whole world was inside that box, and I still enjoy pulling KDKA in Pittsburgh out of the QRM late at night...

I can remember tuning around 4, 7, and 14 MC's (huh?) to hear Radio Amateurs from across the country when AM was common on the HF bands. Imagine being a teenager today when a short wave radio is a rare item and the low cost models receive SSB as gibberish. How will you become aware of the Amateur Arts? Maybe through a magazine or special event like Field Day, but most likely through a scanner or CB radio. Will you have the same fascination I found 30 years ago on HF DX? I suspect it depends on what you're listening to...

CB radio is often confused with Ham radio among the unaware as the descriptions are similar... An acquaintance mentions they "Talked to somebody in Massachusetts on the radio" which is pretty cool stuff, but did you hear it from a Ham or a CB'er? It could work either way. Anyone with the urge to radiate will find the easiest path is a cheap CB radio and mag-mount whip, but plenty of would-be Hams get turned off by the rude traffic and go no further. If Ham Radio is like CB, why bother?

As for VHF scanning, how many times can you hear "in for the count" before it gets boring and you hit the scan button? There are plenty of homes with Cable or Satellite TV, Internet connections or other means to bring 'The World' into a teenager's life without the hassle of study guides or running coax through the walls. Maybe I'm putting too much emphasis on teenagers, but I believe those are the years when 'Ham Pox' most often takes hold.

So... Where does that put the hobby? The days of relying on tinkers like myself are gone. Electronic goods are too disposable. The scanner hobby is in decline while CB radio is far below its peak of the 70's. If you really want to get morbid about the radio hobbies, tell me how many Amateur Radio stores are in Oklahoma? Last I heard, it was 'Zero' and I'd prefer to be wrong about that... Radio Shack tried expanding their Ham line while Kenwood considered offering study guides and Two Meter rigs at truck stops, but almost every town near a major highway has a CB shop doing enough business to keep their doors open... Ham Radio hasn't been so lucky. A small percentage of CB'ers will remain our most likely source of new Hams, the rare birds who admire the variety of bands and modes that come with every Amateur Radio license.

This Newsletter is read by plenty of Hams who belong to their local ARC and, in my opinion, the best activity you can organize are well advertised VE Sessions... Think about it... In some cases the most difficult step in becoming a Ham can be finding the study materials and test session. You may know how it's done, but are you getting the word out to the general public? The Green Country HamFest in May of '95 was advertised to the public as an Electronics and Computer Swap Meet. I hadn't been to a HamFest in years but I bought the study guides on Saturday and returned Sunday for a VE Session, then started checking the mailbox for my ticket. At that time I had almost no idea of what was available locally or how to get started, but they had the books and VE Sessions. I took the bait and the rest is history...

I salute the OM's who drag themselves out of a warm bed on rainy Saturday mornings to hold VE Sessions. They build the future of this hobby one upgrade at a time and we should all say THANK YOU. If you have regular VE Sessions, take the extra step of appropriating a few dollars from the club treasury for a small classified ad in your newspaper. They tend to run \$5.00 or less. "Become a Radio Amateur (at time & place)" can be cheap and effective when done regularly. Would you rather see your club dues spent promoting the hobby, or on a project that interests three people...?

Most clubs have a repeater and they can be a great resource for promoting the hobby. Announce your VE Sessions and Club

Meetings often enough that someone in the club complains... That's a good sign it's being heard, and potential Hams do listen on their scanners. Talk up the local Club Meetings, VE Sessions, and be sure they are heard at the top & bottom of every Net. The most effective way to build awareness is through consistency and repetition in promoting your club activities.

Finally... (for now) Don't be a repeater snob! We've all heard a new Tech calling for a QSO, nervous and sounding a bit like a CB'er... And it's so easy to QSY... But think for a moment. Where do CB'ers learn their patter? Where do Hams learn theirs? Good QSO Etiquette is learned by practice and example. Given half a chance, the new folks will become FB OM's. That's why they tested. Treat every Ham as an equal since the newest Tech is just as legal on the 2 Meter machine as the oldest Extra. They will learn from you as you learned from others, especially if you're a friendly OM and not a crusty OB. You'll be rewarded with a reminder of how much fun this hobby can be. And, tell the truth, wasn't your first year on the air one of your best? It's the same for the other guy... There's nothing worse for a new Tech who passed their tests only to get the doofus treatment on the local machine. Be a positive influence, it helps all of us!

- KC5QVV

Does this sound familiar to anyone?

Received via E-Mail as follows:

From:

Shigeru UEDA <QZB01227@nifty.ne.jp>

Subject: Want to confirm KH9's QSL

Date: Sunday, October 24, 1999 6:57 PM

Dear OKDXA friends,

I made some QSO with KH9's on September 1993 which QSL info to OKDXA. The calls are AH9B, AB6EV/AH9, AH6ML/NH9 and AH6MM/WH9. But I have never received any QSLs.

It was include the new band for my DXCC. I want to confirm them. Are the logs still open? How can I do to confirm.

Please inform me. 73

de JR4QZH Shigeru UEDA

Ex. S21YO JR4QZH/4S7 DX1IYY(Op)

E-mail jr4qzh@jarl.com

OPDX Bulletin - Internet Edition

The Ohio / Penn DX PacketCluster

Editor Tedd Mirgliotta, KB8NW

Provided by BARF-80 BBS Cleveland, OH

3B8, MAURITIUS

The "LNDX" reports Jacques, F6HMJ will be active as 3B8/F6HMJ from November 15th through December 5th on all bands and hopes to be on 160 Meters.

3F, PANAMA

Cam, HP1AC reports he and other Panama stations will be using the special 3F prefix between December 1 and January 5, 2000 to commemorate the turnover of the Panama Canal to the Republic of Panama. Listen for him as 3F1AC on 40-10 Meters CW only and QSL via HP1AC.

3W6, VIETNAM

"The 59(9) DXReport" claims Mike, NØODK will be active November 15-29th as 3W6DK. His activity will be mostly 20 and 15 Meter SSB. QSL via NØODK.

3XY, GUINEA

Dennis, E2DPS will be active here until December 22nd as 3XY2D. His activity has been mostly 10 and 20 Meter SSB. Check above 28500 and around 14190 kHz. He will be using an FT-840 and G5RV. QSL via his home call VE2DPS.

4X, ISRAEL

Enia, YO3JGC is active as 4X/YO3JGC. QSN's report activity on 10 meters (28436 kHz around 1515z). However, Enia says her QSL info is not correct in some books. QSL 4X/YO3JGC Eugenia Radu, P.O.Box 18-56, Bucharest 71500, Romania.

9G, GHANA

A press release from Roger, G3SXW says the Voodoo Contest Group will be active from West Africa in the CQWW CW Contest (November 27-28th) for the seventh year. After successes as 5V7A, the group returns to Ghana and will sign as 9G5AA in the Multi / Multi category with seven full stations and 18 antennas. Before the contest, November 24-26th, listen for activity on various bands including 160 and 6 Meters which is likely to be all CW. QSL 9G5AA via GM4FDM, Tom Wylie, 3 King's Crescent, Elderslie, Renfrewshire, PA5 9AD, Scotland. Bureau replies may be requested by sending QSO details and your callsign by E-mail to Tom at: twylie@net.ntl.com Also visit the Voodoo Contest Group site: <http://voodudes.com>

9H, MALTA

Deryck, G3VLX will be active as 9H3AM from October 21st until the early part of November using an FT-757 with vertical and dipole antennas.

9M6, EAST MALAYSIA

Phil Whitechurch, G3SWH will be active as 9M6PWT from Sabah between November 3-15th. This will be a vacation operation on all bands, 40 through 10 Meters, CW only. Times of activity will be on an "as and when" basis, but he will probably follow the established pattern of early mornings and late afternoons, local time. QSL via his home address.

9U, BURUNDI

Ragge "Gus" Jagero, SM5DIC (aka 5X1D, 9Q5TE and 9X/SM5DIC) is now active as 9U5D and will stay there until Christmas. Gus reports his license serial number is 001 and he will be active on all HF bands including 6 Meters from Bujumbura. QSL via SMØBFJ (Direct only, no bureau) at: Leif Hammarstrom, Birger Jarlsgatan 38, SE-114 29 Stockholm, SWEDEN. Gus has forwarded all his documentation to the ARRL which (apparently) has accepted it.

C6, BAHAMAS

The Cinco Nueve Contest Group (CNCG) will be active between November 23rd and December 2nd. They will participate in the CQWW CW Contest as C6AJX (QSL via N7NU), outside the contest they will sign homecall/C6A. QSL to home calls. During the operation, or as uploads permit, logs and photos will be posted on the CNCG Web site at: <http://www.qsl.net/k7ar>

Ed, WA3WSJ will call as WA3WSJ/C6A from Abaco Island (NA-080) in the Bahamas from November 23-30th. He will take his Elecraft K2 rig and operate QRP on 80, 40, 20, 15 & 10 Meters. QSL via WA3WSJ with SASE, IRC, etc.

CEØZ, JUAN FERNANDENZ ISLAND

Marco, CE6TBN reports the Ministry of Telecommunication has granted the call CEØZ for a DXpedition to Juan Fernandez Island Janury 6-16th, 2000. Marco also mentions he is still looking for a sixth operator. E-mail ce6tbn@qsl.net

EA8 - V2 - ZB, CANARY ISLANDS, ANTIGUA and GILBRALTAR

Dave Clark, W8DO will be active from the Canary Islands (EA8) for the first two weeks in November followed by a transatlantic sail aboard the sloop "Kiwi" to Antigua (V2). Dave will be active on FISTS frequencies of 7058, 14058 and 21058 kHz. QSL via the FISTS bureau or his home call.

EV5, BELARUS

Igor, EU1EU (President of AGB - Activity Group of Belarus) reports he will be active as EV5M through the New Year. Listen on Thursday, Friday and Saturday. QSL via his home call, EU1EU: Igor Getmann, POB 143, Minsk-5, 220005, Belarus. QSL's for EU93ØEU, UC2ABO and the club station EW1WC ("Argonauts") can also be sent to him.

FK, NEW CALEDONIA

Danny, FK/F5CW has received an FK call and is now signing FK8VHY. He has been spotted on 17 and 15M CW after 0300z.

FO, FRENCH POLYNESIA

"The 59(9) DXReport" reports Yann, F1NGP will be here October 29th through November 13th. Modes and bands were not mentioned and he will receive his call on arrival.

FO & FOØ, FRENCH POLYNESIA AND MARQUESAS ISLANDS

The "LNDX" reports that Serge, F6AUS and F6AOI will be active as FO/home call or an FOØ call from these islands:

FOØ Marquesas Islands (OC-027):

Hiva-Oa from November 3-10th

Nuku-Hiva from November 10-14th

FO French Polynesia Islands:

Raiatea (OC-067) from November 14-17th

Bora-Bora (OC-067) November 17-20th

Moorea (OC-046) November 20-22th.

Operation will be SSB, CW & RTTY.

FOØ, CLIPPERTON

A Web site for the upcoming March 2000 DXpedition to Clipperton Island is set up at: <http://www.qsl.net/clipperton2000> The web site contains: Clipperton Island Pictures and History, Clipperton Island Factbook, QSL's and Stories from Previous DXpeditions, Operator Profiles, Pictures of the boat, Operating Frequencies, Propagation aids and more... This DXpedition is still looking for sponsors. Please contact John Kennon, N7CQQ n7cqq@laughlin.net.

HC, ECUADOR

Rick, NE8Z will be active as HC1MD in Tumbaco, Ecuador and HC1MD/HC7 from the Amazon Jungle from November 30th-December 14th. Most of his activity will be on the WARC bands CW. Rick will also be active on 6 Meters with a TS680s and Yagi. All QSLs go to: K8LJG, direct CBA or bureau.

HSØ, THAILAND

Bruce, AA4XR reports he will be active as HSØZCY from November 20th through December 7th. Activity will be on 40-10 Meters CW/RTTY. QSL via WB4FNH.

Listen for HS72A to be active during the CQWW SSB Contest. This is a special call celebrating his Majesty King Bumipol's (HS1A) birthday. QSL Manager is Winit, HS1CKC. The King is 72 years old and the call will be used until December, 1999.

LSØ, ARGENTINA

"The 59(9) DXReport" says the "Radio Club Villa Angela" will operate from the El Suazalito Region November 27-29th as LSØG on 40-10 Meters CW, SSB, SSTV and PSK31. A special certificate will be available for 5 IRCs from LU4GO.

OD, LEBANON

The "LNDX" reports Genevieve, F5SQM has received a license and is active as OD/F5SQM. She is active mostly on CW and will participate in all major contests. QSL via her husband F6FYA.

P4, ARUBA

Alan, K4AVQ (ex-WØRIC, V2-WØRIC), will be active as P4ØAV from December 18th through January 1st 2000 at P49V's QTH. Activity will be on all bands 160-10 meters. QSL to his home callsign K4AVQ.

PJ2, NETHERLAND ANTILLES

Joeke, PAØVDV will be active from Curacao (NA-145) as PJ2/PAØVDV between October 7th and November 15th. His activity will be mainly CW.

PYØS, ST. PETER & ST. PAUL ARCHIPELAGO

The Natal DX Group announces the Brazilian Navy has scheduled a new departure date for St. Peter & St. Paul Archipelago. They will depart from Natal November 3rd. After a three day trip, they will begin operating as soon as the stations can be set up. The distance between Natal and the rocks is around 1100 KM. They plan to be on the air 24 hours a day on 80-6 Meters SSB, CW, RTTY and SSTV and will try to set up a longwire for 160 Meters. Their calls will be ZXØSK - SSB, RTTY, and SSTV. QSL to PS7KM via callbook. ZWØSP - CW. QSL to PT7AA via callbook. Please Note: Cards with insufficient postage will be returned via bureau. The group states "The Brazilian Bureau is working very bad and slowly".

UAØ, ASIATIC RUSSIA

Yuri, UAØSJ lives in the city of Bratsk, 600 kilometers on the north side of Lake Baikal and plans to operate the CQWW SSB Contest as a Single OP/Single Band (15M) entry. Please QSL direct to: Yuri A. Maltsev, P.O. Box 2304, Bratsk-City, 665700, Russia (Asiatic).

UP2, KAZAKHSTAN

Valery, UN7LZ will use the special call UP4L in both CQWW DX Contests (SSB and CW) as a Single Op/Multi-Band entry. QSL all direct cards to: Valery Zhilyaev, P.O.Box 7, Kostanay, 458000, Rep. of Kazakhstan.

Romeo, UN5PR will operate the CQWW SSB Contest as UP5P, a Single Operator / All-Bands entry. Yuri, UN6P will operate the CQWW CW Contest as UP6P, a Single Operator / All-Bands entry. QSL's for UP5P and UP6P are via UN5PR direct: Romeo Y. Loparev, P.O.Box 73, Temirtau, 472300 Republic of Kazakhstan. The UP2 QSL Bureau is not working.

V26, ANTIGUA

Listen for Bud, AA3B to be active as V26K from November 22-29th. John, K3TEJ will join Bud after his Montserrat operation from November 25-30th as V26KW. Both will be on 160-10 Meters including the WARC bands and will be in the CQWW CW Contest using the V26K call as a Multi / Multi entry. QSL V26KW via K3TEJ and QSL V26K via AA3B.

VK9C, COCOS-KEELING ISLAND

The "DX News Letter" claims a VK2 Ham is said to be on Cocos Keeling and should be active after October 1st. No QSN's have been reported so far.

VP2, MONTSERRAT

John, K3TEJ will be active as VP2MKW from November 22-25th. This operation will be CW only on 160-10 Meters. QSL via K3TEJ.

VP6BR, PITCAIRN ISLAND

Jukka Heikinheimo, OH2BR will start his DXpedition to Pitcairn Island in January 2000 to celebrate his 40 year Amateur Radio career. Jukka plans to give the DX community a maximum number of VP6 contacts on all ten amateur bands from 6 to 160 Meters on CW, SSB and RTTY. Pitcairn Island, VP6, stands at position 52 on The Most Wanted List. With the recent DXpeditions its actual position might be

closer to 30. The call has been confirmed as VP6BR. QSL via home call OH2BR.

VQ9, CHAGOS ISLANDS

Ron, AA5DX will be operating from Diego Garcia until the end of January (or beginning of February) 2000. He will be active as VQ9DX (mostly CW) and concentrating on the lower bands of 160 and 75 Meters. Ron states he will be active on the other HF bands as well as 6 Meters. QSL via AA5DX (home call) and allow time for his reply as he will answer the cards only after his return stateside.

A later report from Rick, NE8Z states that Ron, VQ9DX has been looking for stateside on 1828 kHz about 4 nights a week, but with no takers. He had a couple of European openings at his sunrise, but no stateside. "Currently we're back on the hook, not dockside, so I can't get to the club at sunrise for the next couple of weeks, at least. But continue to be QRV at our sunset on 1.828. I usually stick around till after W6 sunrise." QSL via AA5DX.

IOTA NEWS

AF-NEW The Italian team of Peppino, I8IYW; Tony, IK8UHA; Tony, IK8VRH; Robby, IK7XIV; IZ7ATN; Alex, IZØCKJ and Robby, ISØJMA will activate Giftun Island in the South Red Sea Group in May of 2000. The team is looking for sponsors and expects this DXpedition will cost \$10,000 US for the 5 day operation and may activate Tawila Island (another new IOTA) in the North Red Sea Distant Group if finances permit. QSL via IK8UHA, Antonio Barbato, PO Box N.5039, 80144 Naples, Italy. Visit their Web page at: <http://www.qsl.net/su9dx>

AS-NEW An excerpt from a press release from Ray, HSØ/G3NOM states the Radio Amateur Society of Thailand (RAST) announces their DXpedition to a new Thai IOTA Island Group and participation in the RSGB IOTA Millennium Competition. "First-ever" operation is planned for the Malay Peninsula, Southeast Group, (Kra Maeo, Nu, etc) for March 2000. Contacts qualify for "premium" points in the RSGB IOTA Millennium Competition. These islands are uninhabited and off the coast of the Southern Thai Provinces of Sonkhla and Nakhon Si Thammarat in the South China Sea. Details will be announced later.

AS-032 Listen for Takeshi, JI3DST to be active from Oosumi Archipelago (Tanega-Shima) (Nishinoomote-City Kagoshima),

as JI3DST/6, November 20-22nd. Activity will be on 17/15/12/10 Meters SSB (40 meters for JA). QSL via the JARL Bureau (preferred) or direct (see AS-049 below).

AS-041 Takeshi, JI3DST reports he had to cancel his trip to Oki Island because of a typhoon but plans to go there in the future.

AS-049 Takeshi, JI3DST plans to be active from Takara in late December 1999. QSL to JARL Bureau or JI3DST - Takeshi Funaki, 2-18-26 Hannan-Cho Abeno-Ku Osaka-City Osaka, 545-0021 Japan.

EU-060 Kostas, SV1ENI has moved to Evia Island and will operate CW 160-10 Meters from there. His previous address in Athens is no longer good. QSL only to the bureau or his new address: Kostas Sarmas, Gialtra, 34300, Evia, Greece. Please do not add call signs to the address.

SA-058 The "Grupo DX Caracas" is celebrating its 10th Anniversary with a DXpedition on November 12-14th to Farallon Centinela Island in the Caribbean Sea off the coast of Venezuela. They will try to operate all bands SSB and CW with the call YW5FC. QSL via W4SO.

CEØZ, JUAN FERNANDEZ ISLAND

Operators CE6JOE, XQ3SAI, HC5EA, LU9AY and CE6TBN will be active from IOTA SA-05 between January 6-16th of 2000. No callsign has been announced yet. They plan to operate on all bands 80-6 Meters plus the WARC bands using SSB, CW, RTTY, SSTV and Satellite from five stations. The team is looking for another operator. If interested, contact Marco, CE6TBN at: ce6tbn@qsl.net. Donations for this operation are welcome and QSL's should be sent to: Marco A. Quijada, CE6TBN, Box 1234, Temuco, Chile. Visit <http://www.qsl.net/ce6tbn> for more info.

MISCELLANEOUS NEWS

The ARRL DXCC List is officially up one entity as of October. With the addition of Palestine (E4), the current total is at 332.

NEW CONTEST LOG FILE FORMAT

The ARRL Contest Branch is pleased to announce the new electronic file format known as 'Cabrillo' has been adopted for all ARRL Contests. Starting with the 1999 November Sweepstakes, the Cabrillo V2.0 format will become the ARRL standard file format and in November 2000 it will become the ONLY acceptable file format. You may continue using any file format

previously acceptable for ARRL contests during the transition period of November 1999 to November 2000.

Stations may still use text editors on their home PCs to generate the log files but only if they conform to the Cabrillo file format. The Cabrillo standard was developed as a joint effort of software developers and contest sponsors in response to the proliferation of incompatible file formats being submitted to various contest committees. In the 1998 ARRL 10 Meter Contest, several dozen file formats were submitted and required significant work by contest staff and volunteers to process. Major software developers have agreed to incorporate a Cabrillo format update into new versions of their programs and operators should contact the software publisher regarding these updates.

For more detailed information on the format, please refer to the "General Rules for all ARRL Contests" in the November 1999 issue of QST. Specifications for the Cabrillo file format can be found at: <http://www.kkn.net/~trey/cabrillo/> where you can view sample templates for various ARRL contests, a history of modifications to the format, and some insight into the development of the Cabrillo file format. For more information on the technical specifics of the Cabrillo format, please contact Trey Garlough, N5KO at trey@kkn.net. For more information on ARRL contests, contact ARRL Contest Manager Dan Henderson, N1ND at n1nd@arrl.org or (860) 594-0232.

VYØ MULTIPLIER CLARIFIED

The Contest Branch has been asked to clarify how VYØ, Nunavut Territory fits into the ARRL Contest Program. In particular, how it will count as a multiplier in various contests. The Nunavut Territory was created in April 1999 from territories formerly part of the Northwest Territories. It was granted the specific amateur radio callsign prefix of VYØ. Within Canada, it remains a Territory, not a new Province. In ARRL HF contests, scoring in the US and Canada takes place in one of two ways: based either on ARRL/RAC sections or by a political delineation in the respective countries. In contests using the ARRL / RAC sections for scoring, Nunavut remains part of the Northwest Territories / Yukon multiplier, not an addition or new multiplier. This includes the November Sweepstakes and the 160 Meter Contest.

In contests that use a political delineation, the Nunavut Territory, which is being given the abbreviation designator of NU, will count as a new multiplier effective January 1, 2000. This will include the International DX Contest, the RTTY Round-Up and the 10 Meter Contest. Field Day, which does not use sections, provinces or states as scoring multipliers, is not affected. The IARU HF World Championship uses ITU Zones as multipliers and is not affected. Also, the November Sweepstakes and 160 Meter Contests will not be affected. For more info contact: Dan Henderson, N1ND at n1nd@arrl.org or at (860) 594-0232.

NOIDX GOES QRT

From a press release by Don, W5FKX: "After several weeks of review and soul-searching, the Board of Directors of the New Orleans International DX Convention voted to dissolve the convention. Faced with financial deficits and flat attendance for the past several years, a majority of the Board were no longer willing or able to justify the extensive amount of effort required to maintain a quality program. It was with great sadness this final step was taken. The Board extends its sincere thanks to all of our friends and supporters, as well as all those who have attended, over the last 8 years."

ANTARCTIC HAM INFESTATION

Jeff, WB3JFS reports the Austral Summer is approaching the Southern Hemisphere. Many of the Antarctic bases are coming out of "hibernation" and preparing for new crews, scientists and explorers. Along with these groups are a few Hams who like to operate from "the ice". You never know what you might hear, and there is a great website that contains a vast amount of information about Antarctic amateur radio. Visit: <http://www.avana.net/~polar>.

BORNEO / SPRATLY UPDATE

The 1999 "Hillview Gardens" Borneo DXpedition schedule is as follows:

November 7-10: 9M6AAC

Hillview Gardens, Sabah, East Malaysia

November 11-17: 9M6OO

Layang-Layang Island, Spratly Islands

November 18-21:

The team will be attending the SEANET Convention in Brunei

November 21-25: V85OO

Operating from Brunei

November 24-29: 9M6AAC

Hillview Gardens, Sabah, East Malaysia, with an entry in the CQWW-CW Contest.

They will have a Web page linked from: <http://www.qsl.net/n2oo>. Full updates will be posted as well as pictures during the operation, but not during the 9M6OO "Spratly" activity as internet access will not be available. Contributions would be most appreciated. Contact point for this DXpedition is Bob Schenck, N2OO: n2oo@arrl.net or via mail: Bob Schenck, N2OO, P.O. Box 345, Tuckerton, N.J. 08087-0345 U.S.A.

3CØ ANNOBON ISLAND QRT

The 3CØR operation is now QRT. The team was given approval for future operations and will leave their generators and gear at the Base on Annobon Island.

EAST TIMOR OP IN THE WORKS

Peter, 5X1T/ON6TT reports that Brian 'Joe' Poole, G3MRC (5X1P) is in East Timor and Darwin installing their stations. Brian has a VK8 license, but forgot his callsign. However, it may take a while before East Timor becomes qualified as a new country as it must conform to one of the three criteria for a DXCC entity.

9M2 6 METER BEACON

Tex, 9M2TO reports the members of MARTS have placed a new 6 meter beacon on the island of Penang (9M2TO QTH) using the callsign 9M2TO/B. The beacon is on 24 hours a day running 25 watts into a 5/8 GP on 50.005 MHz.

FT5X/FR5HR QSLs NOT FOR DXCC

Mike, W4SMG reports he and others are finding out these cards are being rejected by the DXCC Desk. The Desk claims the operator was not physically on the island but operating from aboard a ship which does not count. This operation took place in January of 1998.

3A PIRATE REPORTED

Gino, 3A2MF says a station operating on CW signing 3A/I1YRL between August 1-22nd was a pirate. Gino has talked to Luc, I1YRL and he was not in Monaco. Do not QSL as cards will be returned to sender.

A PYTHON-ESQUE QSO, ANYONE?

GM3WIL, GMØSEI and GMØDEQ operated from Horse Island (IOSA CL13) October 17th using the call GB2NAG.

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

Doctor DX

Doctor DX Evaluates the first Two Meter Shoe Transceiver. Operating Frequency is unknown, but the effective range was Two Meters. Development was discontinued after an unfortunate incident in a City Park.

Dear Doctor DX:

A few of us local ops get together on 10 Meters in the evenings to chew rags, but lately we've had problems with DX'ers interrupting our conversations... I've been keeping a list to see if some call prefixes are more likely to bug us than others, but with 319 countries confirmed this year, I think they're all bad operators. How can we get the DX ops to leave us alone when we're trying to have a local conversation?

Signed: Limited Horizons

Dear Limited:

That's a tough problem to fix, as I've been told some Hams actively spend enormous amounts of time and money trying to work the most distant stations possible. Call it a weakness in our Gentleman's Hobby, but I don't think there's any polite way to keep the DX'ers off your frequency... You may want to consider a VHF or UHF band, but this may limit your local coverage.

However, you can increase your range by installing your antenna as high as possible and using an external amplifier and mast mounted pre-amp. By relying on high-gain directional antennas and operating modes tolerant of weak signal conditions, like CW and SSB, many VHF / UHF ops enjoy DX opportunities in excess of 1,000 miles. During the annual Sporadic-E Season, even modest stations can enjoy their share of DX. Some OM's specialize in satellite techniques to extend their range while EME 'Moonbounce' can be an exciting and challenging aspect of the hobby. In fact, Tropospheric Ducting has been known to open the Midwest to Caribbean DX and has been responsible for many QSO's between California and Hawaii on 144 MHz and above... Six Meters is also a band that's been coming on strong lately... I hope this helps you work more DX, and Good DX Luck to you and your friends...

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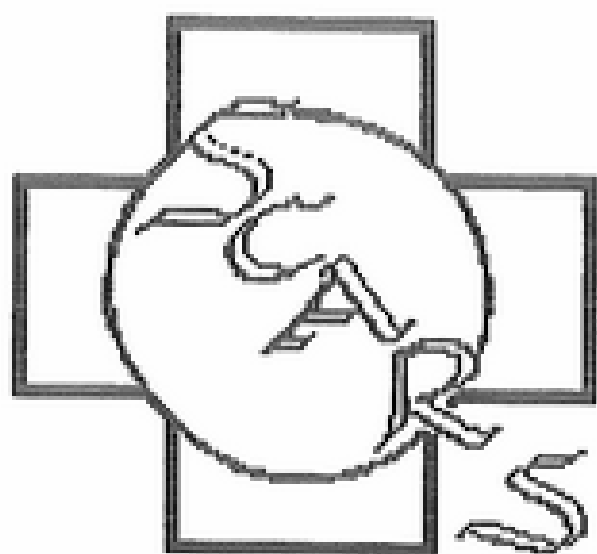
Be Sure to mention you saw it in the Collector & Emitter - Visit us on the Web at <http://www.american-politics.com>

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 MONDAY EVENING AT 6:30PM ⇐ 3860 kHz +QRM



South Canadian Amateur Radio Society

Minutes - SCARS

□

Regular Meeting - October 9, 1999

□

□

The October meeting of the South Canadian Amateur Radio Society was held on Saturday, October 9, at the Red Cross Building in Norman. Club President Dennis, KC5EVH, called the meeting to order at 0930.

REPEATER REPORT: Ken, N5BEW, was not present at the meeting. It was agreed that the repeater seems to be working fine.

TREASURER'S REPORT: Jeff, KE5EB, reported a healthy balance in the club account.

C.O.R.A. REPORT: Tom, KD5ENL, reported that the same officers were re-elected again this year. Nothing else to report.

CLUB APPAREL: Action was delayed until the next regular meeting.

HAM RADIO CLASSES: Per Dennis, KC5EVH, the O.U. Amateur Radio Club will begin classes Monday, January 17, 2000. Classes will run from 7 - 9 pm each Monday through March 6, 2000. The classes will be held at the Weather Service building, and Dennis reminded everyone to park in the south lot only. Dennis also mentioned the open house to be conducted at the Weather Service on November 27. He will talk more about it at the next meeting.

BOY SCOUT JAMBOREE: Bob, N5KVG, gave us information about the

event to be held at McFarland Memorial Methodist Church in Norman on Saturday, October 16. The club was invited to host a demonstration of Amateur Radio. Several members agreed to participate, and we will find out how things went at the next meeting!

ANNUAL CHRISTMAS DINNER PARTY: This year's Christmas party will be held on Tuesday, December 7 at Walton's BBQ in Goldsby. To get there, just go south on I-35 to the Goldsby exit (exit 104). Exit and proceed west about 2 blocks. More on the dinner party at the next meeting, but it's time to clear the calendar and make plans to be there!

MEMBERSHIP RENEWAL: This is an early reminder that ALL club memberships will expire at the end of December, 1999. Unless changes are made between now and then, the dues will remain the same; \$20.00 per year/single membership/includes one Collector and Emitter subscription. \$21.00 per year/family membership/includes one Collector and Emitter subscription. There was some talk about raising the Collector and Emitter subscription rates, but nothing has been set in stone at this time. Please start planning for prompt renewal this year. It should go a lot smoother this year with all the renewals occurring at the same time!

The meeting was adjourned at 1015.

See you at the next meeting!

Jeff Wyke, KE5EB
Secretary/Treasurer - SCARS

Virus authors catch millennium bug

By Jim Kerstetter, PC Week Online

Yes, Virginia, there really is a Y2K virus. Four of them, actually.

For at least the last two months, anti-virus companies have been warning that malicious programmers will take advantage of year 2000 fears to slip viruses into users' hands. Anti-virus researchers have identified at least four, although there have been no reports of widespread damage.

The first is the Count2K, or Y2KCount. The Trojan horse virus is disguised as an

e-mail message from Microsoft Corp. Support, with an attachment that the e-mail claims helps deal with Y2K problems. It doesn't. It enables an outside user to scan data coming into and out of the Internet.

The second virus is called W95/Fix 2001. It arrives as an e-mail attachment called Fix2001.exe. The subject of the e-mail is "Internet problem year 2000," sent by "Administrator." In short, it has the potential to destroy hard-disk data by overwriting it with I/O port commands.

The third, the W97M.Chantal.A, or VBS.Chantal, is are. Opening a document infected with the virus immediately inserts a Visual Basic Script file and registers it to run every time Windows starts. The payload of the virus can delete all files from the C drive.

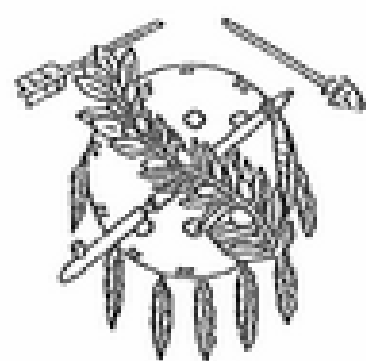
The fourth, which has three variants and is also rare, is called W97M.MMKV. When a user opens an infected Microsoft Word 97 file, the virus unleashes code that deletes all files on several directories, depending on the variant.

According to anti-virus experts, Y2K viruses, worms and Trojan horses will usually do one or more of the following:

- Trigger on or around Jan. 1, 2000.
- Display a message about Y2K issues.
- Reset a computer's system clock to simulate a Y2K problem.
- Modify programs or data to simulate a Y2K problem.
- Masquerade as a Y2K patch or fix.

Herb's note: There will probably be more information forthcoming about these virii but that's all there is at the present time...

Cheers! Herb



Broken Arrow Amateur Radio Club

November Meeting Program
Aeronautical Radio Communications
By Nick Marsala AB5M

October Meeting Minutes

Minutes of the tenth Meeting of the Broken Arrow Amateur Radio Club for 1999. The meeting is called to order by President Wayne Hartsfield, KK5AT at 7:05 PM. Introductions are done of all persons present.

OFFICERS REPORTS:

Secretary: The minutes for the September meeting are read by the Secretary Gerry Paschal, KC5JKU. A motion is made that the minutes be approved as read. The motion passes unanimously.

Treasurer: The Treasurer's report is read by the Treasurer Harlan Kinney, K9GDK. Wayne reviews income and expenditures for the month including CORA and GTE payments. Guy Richie asks that a check be made to assure that the phone bill does not include a cost for provider of long distance service. Harlan will report on this check at the next meeting. A motion to approve the Treasurer's report without amendment is and seconded. The motion passes unanimously.

COMMITTEE REPORTS:

Engineering: - Jeff Scoville, KC5RTH reports that all equipment is currently working well with the exception of a recent problem with the weather node that is under investigation.

VE Report - Don Doyle, AC5II reports that three persons tested for Novice with two passing. There were also two tests for upgrades with both passing.

Packet Report - Jeff Scoville, KC5RTH indicates that there is nothing to report on packet since the last meeting.

ARES: No Report

E.O.C.: Jef Scoville notes that plans are being made for a Fall operator training session at the E.O.C.

Nets: Wayne indicates that there is nothing new to report since the last meeting.

PRESIDENT's COMMENTS: Wayne asks for a volunteer to act as chairman of the nominating committee for officers for year 2000. No volunteers come forward. Wayne notes that the newsletter seems to be working out well and that all members seem to be receiving the newsletter.

SPECIAL ADDRESS:

Ron Lancaster, KB5VDB, coordinator of the disaster net for local hospitals, gives an update on plans to provide volunteers for service at local area hospitals on New Years Eve and on into the future during communications breakdowns. Ron describes how the hospitals are allocating themselves on a three tiered priority system and the efforts to have each hospital equipped with a standardized communication system. Ron notes that presently only two hospitals are set up with antennas and radio gear. Ron asks that BAARC members consider volunteering for this service and to work in a disaster drill to be run at 9:00 AM on Wednesday, October 27, 1999.

OLD BUSINESS

None

NEW BUSINESS:

Wayne reports that the BAARC is investigating the possibility of participating with the Buffalo Interlink System, which is a linking of repeaters across Oklahoma in an West - East orientation. There will be a cost of around \$ 40.00 in hardware to complete this link-up. There is membership discussion about an existing repeater link in a North - South configuration. Further discussion is carried on about who owns the equipment, who maintains the equipment, etc... A decision about joining is put off until a

future meeting so that additional information can be gathered.

Wayne notes that Parker Drilling has contacted the BAARC regarding assistance in setting up an emergency international communications system for use when there are problems communicating into/out of a foreign country that Parker Drilling is working in. Parker plans to put up a tower, purchase radios, set up a station and train personnel as necessary to be able to operate the station when required.

Member's Comments:

Guy Richie asks that a handout with member special features be made available at the table at each meeting. This will detail information such as speed dial numbers and how they are handled, etc...

7:43 End of Business Session and Break

7:50 Program

The program is a video presentation by Jeff Scoville of the details of current APRS technology. An operating portable APRS system is demonstrated and current Windows software for APRS use is demonstrated.

8:50 Program Completed. Wayne once again reviews plans for the nominating committee and the December dinner meeting with white elephant exchange. A show of hands indicates that a majority of members present desire to meet at the Luby's near the water tower rather than at the China Star. Nick Marsala is assigned in absentia to finalize arrangements and date for the December meeting.

8:58 Meeting Adjourned.

There were a total of 29 persons present for the meeting.

Submitted by Gerry Paschal, KC5JKU, Secretary BAARC

Repeater Info & Codes

REPEATER INFORMATION

VHF 146.910 -600 Offset
UHF 444.000 + 5Mhz Offset

Both VHF and UHF are linked

".91/444" REPEATER CODES:

825 Time of Day
 590+test digits Touchpad Test
 300xx DTMF paging from xx
 memory location (ask Mark if you need
 the memory location list)
 750xx Dual tone paging 01-20
 (01 = 112.5-832.5 Tones)

".91/444" REVERSE AUTOPATCH & DTMF PAGING:

Call 251-3145, Press * followed by person's SD# (can be found in club roster, replace 7 with 1) and #. For example, to contact Nick Marsala, SD#765, you would press *165#. The generic "Call for a ham" reverse autopatch code is *299#. To answer a call on the RF side, simply press * after the "Call for ____" message.

To page someone with DTMF tones, call 251-3145 and enter 875 followed by the DTMF tones.

VHF: 145.470 -600 Offset

W5BBS Local Packet BBS: 145.03
 Simplex

AUTOPATCH: * up # down on all machines

REDIAL/RADIO MUTE: ** and *3 on all machines

Club Nets

Mon at 8 PM: 146.91/444.000 Mhz
 Info & Swap Net

Wed at 9 PM: 50.59 Mhz 6 meter
 simplex net

Thurs at 9 PM: 28.305 Mhz 10 meter
 Sidebanders Net

Code practice is held each Thursday evening from 8-9 PM on 28.305 Mhz simulcast on the 145.47 Mhz repeater.

President's Report

By Wayne Hartsfield KK5AT
 Greetings,

We just concluded our first meeting under the new third Monday meeting date. It was a successful meeting in terms of attendance and programs. We had around 30 members present which represent a very good turn out. Jeff Scoville, KC5RTH provided an excellent demonstration of the APRS packet system using the latest software and a PowerPoint Presentation Projector. He was able to connect live to several stations and get

responses all the way from the Oklahoma City Area. Using maps he and others have developed, allowed detailed locations of various stations connected to APRS that evening. Great job Jeff and special thanks to Joe Horn, KC5VPO for providing the projector to make it happen.

On the disappointing side, folks, a club has to have its members involved. I had asked for a nominating committee chair to develop a slate of officers to be presented at the next meeting. It just didn't happen. So, here is how we will have to proceed. Nominations will have to come from the floor at the next meeting in order to conduct our elections at the November meeting. I for one will not be a candidate for office this time around. My best advice is to discuss, plan, or at least be prepared to nominate from our club a new president, vice president, secretary, treasurer, and three directors for the year two thousand. I have tried to do my job, although I haven't been excited about what I was able to accomplish, so now it's time for each of you as members to do yours. Wouldn't it be embarrassing to not have officers for the club to start the new century?

Our club has tremendous potential. I hope this next year will see some of the growth and activity I know it is capable of. One of the strongest assets of our club is its ability to foster new ideas. As I have pointed out before, a lot of the area amateur radio ideas came from within our own organization. The other local clubs can boast all they want about having plenty of members, the latest and greatest equipment, the biggest budget, or even the age of their organization. The Broken Arrow Amateur Radio Club should be proud of the impact, and the ideas that have provided some pretty exciting activities around our region. I would only hope the members get more involved to make it even better. Anyone wanting to participate (new member or old) only has to ask how to be included in the process. Complacency is a big killer of any organization. The "Not me let the other guy do it" attitude seems to be thriving. Oh well, enough harping.

Here are some of the latest numbers on our hobby excerpted from the ARRL Bulletin.

AMATEUR RADIO SHOWS SLOW GROWTH

According to Amateur Radio census statistics cited in the October 15, 1999, W5YI Report, US licensee growth has nearly stalled overall during the past year. The W5YI numbers--which exclude hams whose licenses have expired but remain within the two-year grace period--show 675,739 US licensees as of September 30, 1999. While that's up by more than 3000 hams over the same month in 1998, the number represents less than one-half percent growth.

The number of US amateurs peaked over the past year at 676,318 at the end of July. Looking at the numbers by license class, only Technician showed substantial growth--up by more than 10,500 from a year earlier. Tech Plus and Amateur Extra classes rose slightly too, but the numbers were down slightly for Advanced and General, and the number of Novice licensees declined by more than 5100 over the past year.

I don't know if this takes into account the large number of Silent Keys across the country either. As to whether or not we feel the hobby is important enough to preserve, is a big question that will have to be addressed in the coming year. That's where a good club comes into the equation and can make a positive impact.

The Christmas Banquet

We will again have two meetings in December, one will be our regularly scheduled meeting and elections, the other will be our annual meeting and Christmas Banquet. We are looking at Luby's Cafeteria. That is where the majority of members at the last meeting would like to have the banquet. We will also plan on having our White Elephant exchange during the banquet. I will get with the officers and directors and compile our annual report to be presented as well. Nick Marsala/AB5M will be making the arrangements. I would like to know as well who your nominations for the Ham of the Year Award. You can e-mail me at kk5at@juno.com. I would also like to hear from you on where you want the club to go in the year 2000, this would allow me to pass those recommendations on to the new officers and help them get a head start on the new year.

Other stuff; The National Weather Service is conducting a Special Event Station on November 27 of this year, I will get more information and hope everyone will participate. They will be issuing Certificates for the percentage of stations worked.

That's all I have for now. Please make plans now to attend the next two meetings as they are very important. It's your club, why not have a voice. The program for November will be on Aeronautical Radio by Nick Marsala/AB5M. It should be a very informative discussion.

73 de KK5AT

New Net Schedule - Broken Arrow Amateur Radio Club

October 12, 1999 through December 27, 1999

Joe Horn - KC5VPO
October 25 November 29

Jeff Scoville - KC5RTH
November 8 December 13

Wayne Hartsfield - KK5AT
October 11 November 22

Russell Self - KC5FCA
November 1 December 6

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 To!

THURSDAY NIGHT SIDEBANDERS NET

1ST THURSDAY.....NELSON
DERKS KC5QVV

2ND THURSDAY.....JEFF
SCOVILLE KC5RTH

3RD THURSDAY.....CHUCK

MYERS KK5IC
4TH THURSDAY.....Need
Operator

THESE NIGHTS MAY BE SWAPPED AMONG OPERATORS TO SUIT YOUR NEEDS

Special Event Station To Be Held in Claremore Nov 6-7

The Rogers County Wireless Association is having a special event station to commemorate Will Rogers Day. The special event station will operate from 8 AM to 5 PM daily. Callsign will be W5R. For more information, listen to the 147.09 Mhz repeater in Claremore.

Looking for a few good officers!

Final nominations for officers will be taken at the November club meeting. Since noone volunteered to be the nominating committee chair, all nominations will be from the floor!

Club Christmas Party Coming Up In December

The annual Broken Arrow Amateur Radio Club Christmas party is coming up. Nick Marsala is working on the details of "When & Where". If everything goes as planned, we should be having it at Luby's Cafeteria in Broken Arrow.

As always, we will be holding a white elephant/lighthearted gift exchanger and honoring several members for their service to the club.

Once everything's finalized, information will be posted in the newsletter, club home page, and repeater DVR.

New Zealand Special Event

This month in New Zealand there are some special activities to celebrate the 75th

Anniversary of the first ever trans-world two way radio communication.

The first ever two way radio communication between New Zealand and England was made on the 18th of October 1924 by Frank Bell of Shag Valley Station, in the New Zealand South Island region of Otago.

Frank Bell held the callsign Z4AA and on that date 18th October 1924, using primitive homebrew radio equipment, made contact with Cecil Goyder, G2SZ at the Mill Hill school in London.

In 1974, on the occasion of the 50th Anniversary of the contact, 80 years old Frank Bell, then ZL4AA, remembered the historic contact:

"We had already gotten in touch with Australia and South America and I happened to be just listening. I think about 11:00 our time at night. And I heard this call from England. So, full of hope, I answered the call.

But he didn't believe it. And he said if you are really 4AA, which is my call, cable." Frank Bell, ZL4AA

The CW QSO lasted for about 1 hour and dealt mainly with issues concerning signal quality. Again, here's Frank Bell.

"From then on, every night, for several nights running, we were kept in touch and another man in New Zealand joined in." Bell

To Celebrate the 75th Anniversary of the historic QSO.

The Otago Branch of the New Zealand Association of Radio Transmitters is operating throughout October, on all bands, with the special callsign ZM75AA.

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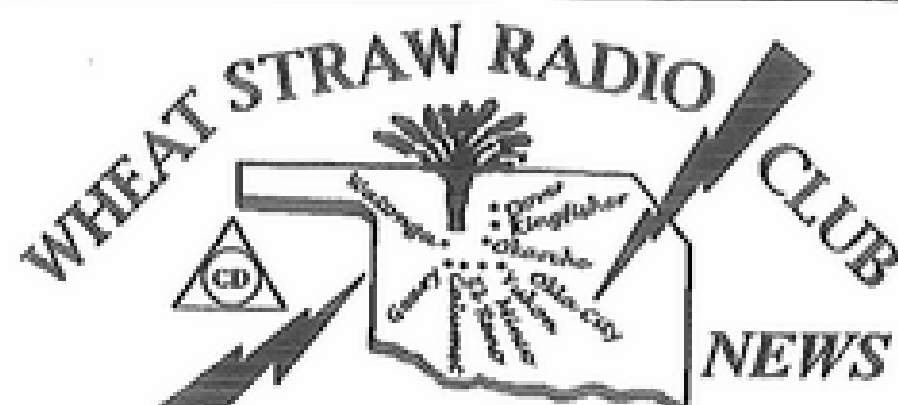
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Terry L. Smith
Owner



Wheatstraw Amateur Radio Club

The following story is about a family and the hardships they faced during the Depression years. They say we must learn from our history so we do not repeat it. The sad truth is, this story is still happening today, just different setting and time. When will we learn and when will we say enough? ...

Survival of a family

There was a family who lived in east Texas back in the 1930s. Every one was poor in that country. The land was mostly covered with tall slender pine trees with various under brush.

The oldest son's name was David and the second son was named Jesse. There were five younger sons in the family. The sixth son was named J. R. There was always something going on in the family. One of the main problems was the father didn't work. The mother and boys had work to feed the family. David and Jesse had to get up early each day to do chores around the homestead. They cleared the ground to plow and raise crops on it to feed the family.

When school was out for the day they were back in the fields working. They were required to work until it was so dark they could hardly see. School work was important to both boys but it was very hard to find time to study.

When they graduated out of the seventh grade, which was as high as the little country school went. The sons wanted to continue in school to get an education. Their father decided if they wanted to go to school, they could go back through the seventh grade again. Just maybe that would satisfy them.

David and Jesse got real tired of working that many hours every day. The family's

name was Williams. David saw a man walking down the road coming toward them. David said, "let's ask that man to pray for us." Jesse said, "no that wouldn't be right." They talked about it back and forth.

As the man approached the boys David said, "say mister would you pray for us." The man said, "Oh sure would you get down on your knees please." The Williams boys kneeling the gentleman prayed a good long prayer.

When they all got up from kneeling the man ask, "can you boys tell me where Brother Williams lives?"

The Salesman

This salesman sold fruit trees for the Stark's nursery Farms. The salesman's name was Mr. McKee, every time he came through he got to the Williams family late in the evening. Some times the Williams had eaten their supper.

Mr. McKee always ate at the Williams and asked if he could stay the night. He always planed it that way.

Mrs. Williams always told Jesse what was left from supper, which most of the time wasn't much. Well Jesse waited on him that evening. The reason Mrs. Williams turned supper over to Jesse, Mr. Williams always accused Mrs. Williams of flirting with other men. It most certainly was not true.

McKee drank coffee like a hog drinking swill. When his cup got empty Jesse ask, "Mr. McKee would care for more coffee." McKee, said just a sip son less than a half of a cup." At that time he would always turn to Mr. Williams and tell him something to pass the time while Jesse filled his cup. McKee would drink the cup of coffee, and Jesse was right there to ask, "Mr. McKee would you want some more coffee?"

Same old story, "just a sip less than a half cup." Jesse went on back to the kitchen, and the pot was empty. Jesse wondered what on earth to do. Mrs. Williams had a teakettle full of boiling water on the stove to wash the dishes with. In those days the only known way to wash dishes was your two hands. There was no hot water so you had to boil it on the stove.

Jesse decided he would use his mother's hot water to pour into the coffeepot. When Jesse went in McKee insisted he wanted just a half-cup and turned toward Mr. Williams to tell him another tale. McKee drinks the cup of hot water and said he was through eating.

Mrs. Williams caught David's eye and motioned him into the kitchen. Sleeping arrangements needed to be made. The mother said, "David you will be sleeping with Mr. McKee tonight, because Jesse slept with him the last time." David said, "no morn I am not sleeping with him." Mrs. Williams said, "you will or I will give you a good whipping." David said, "morn if you make me sleep with that snuff dipping old man, I will kick him out of the bed."

Every one went to their bed rooms to go to bed, David said, "Mr. McKee, some times I talk in my sleep, some times I get up and walk around, or I might kick you out of bed, I have been known to have done it time or two."

In those days money was almost a wish. The houses were built small also the bedrooms were small. The bed David and Mr. McKee slept in was small with one side of the bed against the wall. David got in bed first on the back with his back against the wall. The kerosene lamps were out. David lay there thinking just how he was going about this kicking McKee out of bed.

David stayed wide-awake thinking what he was going to do. Shortly McKee went to sleep and started snoring. David thought now is the hour. With his back to the wall, he worked his feet slowly in McKee back. David fired one kicking the old man out in the middle of the floor. McKee jumped up and hollered, "what is going on.!" David awoke and asked, "What's the matter." McKee said, "well you kicked me out of the bed." David ask, "did I do that, well am so sorry I do things some times when I am sleeping sound,"

McKee would stop by when he was making his rounds again, but never at mealtime or at night.

The Hidden Nests

Mrs. Williams's hens quit laying but a few eggs in the hen house one day. So she ask David and Jesse when they got any extra

time would they look for hen nest around the barn or brush piles. Well they got a chance to do some looking. Soon David saw a hen nest with several eggs in it. It was in a small dry brush pile next to a large dry haystack.

David said, "I will get the eggs." Jesse said "There is a yellowjackets nest just above the hen nest. How you gonna get to the nest?" David said, "I will put a little of this dry hay on a pitch fork, light it and singe them." Jesse said, "don't do it. The fire will set the hay stack on fire and dad will beat us to death." Jesse started crying and begging David not to do it. David did it anyway.

The hay caught on fire. Jesse went toward the house crying and his father met him with one of his favorite switches, grabbed Jesse and started whipping severely. Mrs. Williams went to them and tried to stop the whipping telling Mr. Williams that Jesse had nothing to do with it. David had started the fire, but it was an accident. Mr. Williams would not stop whipping Jesse. Mr. Williams whipped from the top of the hips to the shoulder blades, breaking the skin in many places and bleeding.

When the father finally stopped, he turned and walked off not saying a word about whipping the wrong young man.

Short Term Syrup Making

Mr. Williams hired out David and a team of horses to run a ribbon cane juicer, the ribbon cane was stripped and cut down. The stalks were stuck in to the rollers squeezing out the juice for making syrup.

They didn't work on Sundays; Mr. Williams went home on Friday for the weekend. He did not work anyway just bossed every one. His final order to David was to take the horses down to the creek where the grass was tall and graze the horses. David was not to let the horses to bite on any short grass; they might get sand in their mouths that would wear down their teeth.

Mrs. Craig was the family David was staying with. Mrs. Craig said to David "your daddy will not be back until real late Sunday evening. You turn the horses loose in that four acre melon patch, let them graze by themselves, and your daddy don't have to know any thing about it." Mrs. Craig said, "You go on with the other boys

down to the train trestle where they play and hand up cane to the trainmen as the train goes by slowly."

Mr. Williams came back earlier than he had said, and saw his horses grazing in the watermelon patch. Mr. Williams always told one thing and did another in order to catch his family off guard. Well all hell broke loose. As soon as the boys got back they all ate an early supper, which Mr. Williams didn't want to do.

It was over twenty-five miles from Quitman to the Williams farm north of Winnsboro. They got home when the sun was coming out bright in the east. David said, "neither of us got sleepy during the night." One of the other brothers ask, "why not?" David said, "because dad never stopped cursing me all way home."

One of the Nights of Terror

Mrs. Williams' oldest brother came from Houston, Texas to his brothers for a short visit, due to his job. Being less than ten miles away from their home, Mrs. Williams ask her husband if they all could go see her older brother whom she had not seen for over twenty years.

Mr. Williams grabbed Mrs. Williams by the throat choking her and threw her to the floor. He asked, "how she would like to die." He went in his bedroom unlocked his trunk taking out his 38 special gun and put it in his belt. Mr. Williams then got a board about four inches wide and four feet long out of fear.

David was past twenty-one years old and this was the first time he had stood up to his daddy. He said to his mother, "if you want to go get ready and I will take you to your brothers." Mrs. Williams got ready with her small children, all of her boys got in the truck and went to visit their uncles. The Williams family was warned to say nothing about the troubles

□

Time came time to go home for the Williams and every one worried about what was going to happen when they got home. When they got home Mr. Williams was gone.

Mr. Williams had hooked up the black horses to his traveling wagon, loaded his personal things and left, leaving no note or no clue where he went. The family found out where he was in a couple days. The

man had gone to his oldest son's house born to him and his first wife. Within a week Mr. Williams was back home saying nothing about what had happened.

Written by Ralph WA5PFK

WHEAT STRAW CLUB

□

Before the meeting started Johnny, K5GBN announced, "Steve Lawrance, a member of Wheat Straw Club, KC5TDM now lives at 212 S.17th Okemah, Ok." Zip 74859"

Neal, N5KCO our president called the meeting to order at 2:30 PM. There were 14 members with no visitors.

Johnny, K5GBN, read the minutes of the previous meeting. There were no corrections or additions. The minutes stood as read.

Jimmy Payne, W5JEP reported what he had found in the way of cable for replacing the guy cable to the Calumet repeater. About five hundred feet of 3/16 in size. No one really knew the size of cable is on there now. Ralph reported on the cable that Jim Strack has. Jim said, "he had sold it down in pieces and there was not enough left." "The cable is too large for us anyway, so stiff it is doubtful we could bend it for our purpose."

The next item on the agenda was Christmas dinner. Dinner will be served December 12th at 1:30 PM. The dinner will cost \$8.60 for dinner drinks tax total. This is located at the End-O-Main at 210 E. 'Main St. This is not the Motel 6, but they will turn the light on for you.

The dues for membership in the Wheatstraw Radio Club is \$12.00 for the first member of the family, second membership if they are single and still at home or the spouse is \$5.00 each additional If you join in a partial term, the dues will be prorated. That way your dues can be brought to December 31st of that year.

Wanda, KC5GTW made a motion we pay our dues for the year of 2000 in the month of November. Seconded by Ray, AB5Z.Motion carried. Doing this in November saves a congestion in December paying for our dinners, making

Cripple Children's Hospital. We have been making this contribution for several years. The ladies buy Christmas presents for the children.

The next meeting will be November 14, 1999 at the City hall in Calumet. One block south the stop sign in the main square. Turn west and it is the first building on the north side of the street.
Ralph WA5PFK

This is an article I thought we all should read and to live it. I copied this from the Oklahoma Legionnaire.

It's all about mission

Are you Familiar with the Mission statement of this organization for which you volunteer your time? This statement describes the primary reason for the non-profit's existence; it lays the purpose of this organization.

It's important that we remember and review our mission statement from time to time, to remind us of whom we are and it keeps us focused on what it is that we are supposed to be doing

Keeping this mission statement in our mind will:

1. Inspire us to keep giving of our time, even there's no more time to give.
2. Provide a link between what we do as volunteers and why it's so important to keep doing it.
3. Keep us focused on the work and activities that matter most.
4. Help to remind us why we decide to help this organization in the first place.
5. Enable each of us and our associates/colleagues to collectively move in the same directions with the same goals in mind.

Ralph WA5PFK

Some Parting SHOTS FROM THE AMERICAN LEGION MAGAZINE

Education

This is how it is today: The teachers are afraid of the principals, the principals are of the superintendents. The superintendents are afraid of the board of education. The board is afraid of the parents. The parents are afraid of the children. The children are afraid of nothing. By Milton Berle

Politics

I don't know what people have got against Jimmy Carter. He's also done nothing!
By Bob Hope

There is only one thing that can kill the movies, and that's education.
Will Rogers

Politics is the art of looking for trouble, finding it every where, diagnosing it incorrectly and applying the wrong remedies.
By Groucho Marx

Everything is changing. People are taking the comedians seriously and the politicians as a joke.
By Will Rogers

Women are always involved in spiritual affairs. All of the women I ever asked out said, "that I don't have a prayer."
By Bob Hope.

Ralph WA5PFK

Changes at Dayton

Some major changes are coming to the way forum speakers are reimbursed at the Dayton Hamvention. Until now, forum leaders and speakers were given sixty dollars a day for up to two days to cover part of their lodging. They were also given a Hamvention entry ticket making them eligible for all prize drawings as well as a ticket to the grand awards banquet. But in 2000, that will not be the case.

According to information supplied by Forums Chairman Jim Ebner, N8JE, the Hamvention 2000 planners have announced that the cash reimbursement will now be made at a rate of one hundred dollars an hour for each hour that a forum runs. But there is a kind of catch 22. The payment will go only go to the forum moderator only. No payment will be made to the other participants.

In other words, if there is a session with a dozen speakers that runs two hours, the person listed as moderator or forum leader gets a two hundred dollar payment. He or she then has the option to keep it all or share it with the other participants. DARA says that it will not get involved.

Also gone is the free Hamvention entry ticket and free banquet ticket. Session

moderators and their speakers will get badges that will give them entry to the entire Hamvention. If they want to be eligible for the prize drawings they will have to buy a ticket on their own. Also, if they want to attend the banquet, DARA will sell them a ticket at fifty percent off face value, but the days of free banquet tickets are also now gone.

No reason was given for these changes but its believed that the rising cost of putting on a ham radio convention the size of the Hamvention make cutbacks like this, inevitable.
(N8JE, DARA)

Tower Evacuation

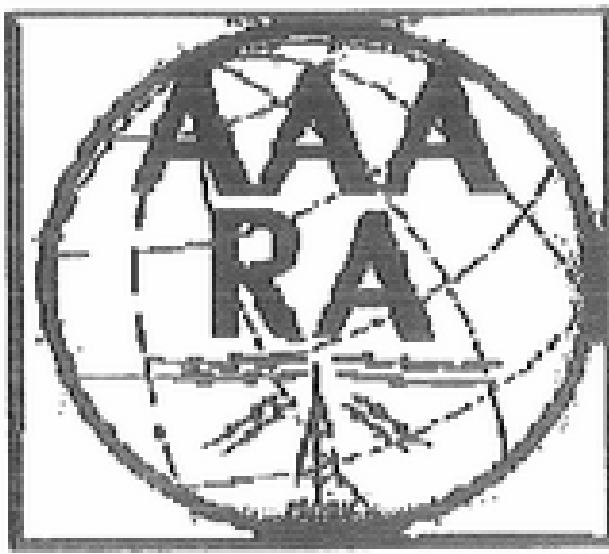
Several Baltimore TV and radio stations were left hanging when a bolt anchoring a crane atop a TV tower snapped while crews were removing an antenna just before noon on Thursday, September 17th. Broadcasting and Cable TV reports that WBAL-TV and radio and WJZ-TV evacuated their facilities, located within 200 feet of the tower.

The accident occurred while crews were removing an out-of-service antenna for WBAL-TV to make room for a new digital antenna that it will share with WJZ and WMAR. WBAL canceled its noon newscast while WJZ produced its noon news in the parking lot outside their studios.

WMAR was unaffected because its studio is 5 miles off-site. The station kept other programming on-air thanks to station automation. According to WMAR's Chief Engineer Joseph Bruno, workers had the site secured but people in the area are worried because of the threat of Hurricane Floyd, which was making its way up the East Coast at the time.
(Published news report)

An accident looking to happen

A recent study found that using a cellular telephone while driving quadruples the likelihood of having an accident. The report puts mobile cellular phone use at about the same level as driving while impaired from alcohol or drugs.
(Published news report.)



Altus Area Amateur Radio Association

The Altus Area Amateur Radio Association was called to order by the President James, AB5FS at 7:11 PM Thursday Oct 14, 1999 at the Votek Building of the Western Oklahoma State College in Altus. The minutes of the last meeting were read and approved as well as the treasury report.

Dale, N5VX gave an update on the current status of the Red Cross Emergency Communications Van. The van has been painted a nice bright white, a new bumper has been installed and it now sports a new taillight. Also completed is some new inside wiring. A 2M radio has been donated and Father Joe donated a weather station. It also now has a light bar, and orange lights. The van needs a variety of repairs and fixes including new tires, rims to fit the tires, window repair, replacement outside mirrors, flooring and soundproofing rugs. An air conditioner will be needed sooner or later also. Mark's Lumber has donated materials for the interior and Vo-Tech has done some work on the front end. A new radiator is needed since the old one was completely shot. Also some cleanup and roof repair work should be done.

Ed, KD5DPK can get some Formica for the consoles and Dale, N5VX, has bought some replacement roof vents. Still needed are a battery, carpet for sound proofing the walls and ceiling. The engine is burning some oil and will need to be looked at sometime in the future.

Considerable discussion ensued about the Club paying for all these repairs with John, KC5HUW leading the way. Doc, KM5IO wanted to know if all this work could be completed for \$1000 to \$1500, and would additional expenses be covered

in the future. Dale advised the group there would be some ongoing expenses on a permanent basis. Mike, W5VXU, asked what the essential expenses would be.

Ron, WB5UVC suggested that a limit of \$1800 be placed on van expenditures for the time being. His motion was passed with John, KC5HUW objecting to Club funds being spent in this way. Mike, W5VXU, asked if the Club was committed to the Red Cross Van restoration project and the group was reminded that a vote had been taken in the recent past covering this subject. Several other motions were made but these died for lack of a second.

Mike, W5VXU, gave a report on the status of the Altus Ham Fest. Everything seems to be in readiness for the event; on Oct 23 at the Altus Community Center, Falcon Rd in Altus. All but 11 tables have been reserved, the location is ready, the Band is confirmed, the lunch caterer is ready, the workers have volunteered for the various jobs which need doing and all seems in readiness. Setup will begin Friday evening around 5 PM and Security is ready to go that evening. The hall will be opened for business at 8AM on Saturday and the day will finish with a Grand Finale i.e. the Auction at 3 PM.

The Mars Repeater project chaired by Ed, KD5DPK is coming along nicely and only the crystals need peaking. It should be on the air in about 3 weeks.

The Christmas donation was made by Robert, W5RRB and the motion to adjourn was made and approved. Ann, KA5YWY acted in the capacity of Secretary in the absence of our regular staffer with Mike, W5VXU doing the typing. The meeting ended just before 9 PM with everyone looking forward to the Hamfest.

Sorry folks,

My goof, I had this message ready to go out to the C&E and Xfer'd it to the wrong box, so it did not make the OCT C&E, well I apologize for that. Ron- KD5CYW

**Altus Area Amateur Radio Assn.
(AAARA) September Minutes**

Meeting held at 711 W Tamarack Rd. Altus, OK; 9 Sept 1999

Meeting called to order at 7:15 PM. by James, AB5FS.

Intro.'s- Done, 12 attended plus a New Member, David KF4KWW, from Altus, OK. Welcome to the AAARA Family.

Last months Minutes - Read, voted and approved

Treasurers Report - Read, voted and approved

Old Business-

AAARA Comm Van - It is at George's, N1GM House. Dale, N5VX is working on some things, he needs some help.

John, KC5HUW has an UHF repeater at Roosevelt, 449.775 (444.775). Looks like a new managing Silo man now there, he likes the Idea of the repeater on a silo, and he will get the Owners to agree to get it set up.

Mike, W5VXU, reported on Ham Fest and Rummage Sale status. At the present time, The date for the Hamfest has been set for Oct 23. Ron, KD5CYW will mail it out tomorrow, 10 Sept 1999.

MARS Repeater, Crystals are on order, and should be in by the end of the month.

New Business

Club Picnic - When, Where, let's think of some dates.

Christmas Party - Place to use (Talked about using Western Sizzlin again), Need a date and time.

Dwight's Grandmother Passed Away this week, Ann, KA5YWY will send a card to him from the club.

Boy Scouts will be having their JOTA, Jamboree On The Air, 16 OCT. The local scout leader talked to James, AB5FS about our club helping out the Altus Pack. Dave KC5SII, and Dave KF4KWW, along with Nathan KD5GML will help out in doing this, we also really need a General Class or above to really help out. Nathan is a Tech Plus, that limits him a bit.

Christmas Fund donation - Dave, KF4KWW. What a Ham.

James, AB5FS, advises all members that they need to park their vehicles in the regular parking lot and to refrain from parking along the driveway to the building. This will leave the visitors slots for the regular visitors.

The meeting was adjourned 8:00 PM.
Next Meeting 14 Oct 99 at SWTC 7:00 PM

AAARA Next Test session 26 Oct 99, at SWTC 6:30 PM

Ron, KD5CYW took the minutes. (Correction to last month's minutes, Ann KA5YWY wrote them down, and Mike W5VXU typed them up, thank you both for helping me out last month.)

Altus Area Amateur Radio Association Hamfest and Rummage Sale

The Hamfest got off to a great start at 8:00 AM on Saturday morning at the Altus Community Center. People were arriving well before 8 o'clock and walking among the dealer's tables while others were still setting up and getting ready.

Among the many tables loaded with wares for everyone were Radio Shack, Radcom, Corporate Computer Liquidators and many others. Just about everyone entering the door was given a door prize drawing ticket and the festivities started right off. The door prizes were designed to give everyone or nearly everyone something starting with \$25 gift certificates which could be traded with dealers and table owners in the building, \$6 lunch certificates good for one meal with the Fortune Cookie Restaurant catering the event. Many were seen loading up their plates when lunchtime rolled around and the smiles were wide and handsome all around the lunch tables.

A lot of good merchandise changed hands during the day and the gift certificates were popular all over the building. Rumors said that CCL earned something near a record in their rebuilt computer sales. In fact, during the auction, which traditionally ends this hamfest, they gave

a complete computer with monitor, keyboard and loaded with Windows 95 to be offered at the auction. In addition there were tables by Al's Sports Cards, trading baseball cards, one individual working with beanie babies, several tables loaded with the usual goodies such as o'scopes, signal generators, radios, power supplies and a variety of old true and tried items. Also present was Kenny's Kustom Etching which Annie, KA5YWY used to get ahead of her Christmas shopping.

Something near 50 people at the Hamfest won a door prize of some sort and it was discovered very quickly that in fact there really is such a thing as a "Free Lunch" after all. First one in line was KA5YWY, waving her plate to start the lunch rush. Every table available was rented out and loaded with numerous goodies and sales items.

There was plenty of socializing during the day and many old acquaintances were renewed this day. In fact, I know of one little girl who got an EWOK costume for herself. You should have seen the smile. Finally there was the auction and the Altus Ham Club came away with a little bit of money for another one of their many projects.

Many "Thanks" are due to a number of people who were instrumental in making this Hamfest a great big success. My gosh, there is already talk about next year and this one isn't even over yet. Then came cleanup of the facility and again, many thanks go out to such individuals as Doc KM5IO and Birtie, Fred KC5SRJ, Ed KD5DPK, James AB5FS, Dave KC5SII, Bob KC5CNC and Dwight WB5KRH who made sure the Public Address system was available & working, Johnny AB5WQ, Dave KF4KWW and Ron KB5UVC, as well as Mike and Annie, W5VXU and KA5YWY

While I think about it, I really don't think we will be seeing much of Fred KC5SRJ for a while. He ran around so much during the Hamfest he has to be worn down to a nub.

And last but not least Ron WB5CYW for his help and council during the flier mailing and sorting process.

Also much appreciated are the folks of the Economic Development Committee for their contribution to making this Hamfest such a success this year.

So, for now, Mike and I are going to take some time off before the next one comes along. 73s, KA5YWY



Lawton / Ft Sill Amateur Radio Club

The LFSARC will provide support for The Boulevard of Lights Parade in Lawton on the 19th of November. Amateurs are asked to meet at the LFSARC trailer on the corner of 9th St. and A Avenue. Be there at 4:30 PM with handheld radios and flashlights. LOTS of help is required for this event. Experienced and new amateurs are needed and all are welcome to join in.

Everyone that has helped in the past has enjoyed himself or herself. Amateurs assist the organizers of the Parade and pass communications back and forth from the participants and the organizers. Members work closely with Law Enforcement in the safe organization of the event. We have even performed some lost and found when it comes to young scouts waiting for a parent to pick up the little one.

The temperature cools quickly when the sun goes down so please consider that when you are running out the door with your handheld and are wearing only a short sleeve tee shirt. Please remember to bring along that sweater or jacket. Talk-in on 147.36(+).

Come on out and have some fun.

Bob Sims

Ada Amateur Radio Club

Happy Halloween to everyone, Our last meeting was held at Wintersmith Park here in Ada Saturday October 2, 1999 at 12:00pm. This was the club's annual picnic / cook out. This year we had great weather for the first time in several years, no cold and rainy weather. After the cook out we held our monthly club meeting, sorry to say that not to many notes were written down at the meeting or a count of how many was in attendance. We all had a great time and we had plenty of food even Bandit "my goat" attended the picnic not on the menu. I didn't know that a goat could eat so many cookies and hotdog buns the kids had a great time feeding him all he could eat all day long. Bandit was a gift from the club to me after the field day cook out; I have enjoyed having him around this summer. I want to say thank you to the club members for being so thoughtful.

We also want to say congratulations to Roy Throne, KC5STV on his recent promotion at work. Roy is a fireman here in Ada; he was promoted to captain. We're glad to have him on the job and as a member of our club. Also our clubs vice-president Charles Eiter, KC5TGA also had a recent kidney transplant we are glad to see him doing so well after his surgery, its great to see him up and going after all the years of being so sick and tied to the hospital three days a week for treatments. We are really happy for him and his family his wife is also a club member Levonna, KD5BJM, the club is glad to have them both as members.

At the monthly club meeting Saturday November 6, 1999 at the Salvation Army Headquarters, at 9:00 am. It is time to start getting names together for the club officers for the year 2000. That's only a couple of months a way, if you have any suggestions for someone for office come to the meeting and put in a nomination, or if you think you might like to be a club officer just let the club know that you are interested. Also that time is also upon us to start thinking about our club membership dues for the new year of 2000. At the last meeting we were all trying to think of some ways for our club to raise money for our clubs equipment is

getting pretty old and if something happens to the repeater and antennas we would not have any way to replace them.

If it wasn't for Mason Smith, WT5X doing a lot of our repairs we would be in trouble, Mason is very good at working on radio equipment. He has fixed a lot of equipment for the club and several of us around here. We are glad to have Mason as member of the club, for several years now we have been using his call as our field day control operator. He is also trustee for the clubs repeater, he does almost all of the work of keeping the repeater up and running. A special thanks to Mason for all the time you have spent keeping everything up and running.

Also following our November 6th meeting the last I heard we are going to holding a test session for any one interested in taking your test or upgrading come on down we will be glad to have you.

Probably by the time the next newsletter comes out it will be thanksgiving "Happy Thanksgiving" to every one.

Ada Amateur Radio Club
Darla Coffey, KC5RGU



A. R. R. L. Bulletins

From: ARRL Headquarters
Newington, CT
To: All radio amateurs

ARRL Bulletin 85
October 20, 1999

Hurricane Watch Net Tracking Jose

The Hurricane Watch Net activated today on 14.325 MHz as Hurricane Jose threatened the Puerto Rico, the Virgin Islands, and the Leeward Islands. As of 1800 UTC, the storm was reported near latitude 17.2 north, longitude 62.0 west and had just passed over Antigua in the Leewards.

A hurricane warning remains in effect for Montserrat, Antigua, Barbuda, Nevis, St Kitts, Eustatius, Saba, Dutch St

Maarten, Anguilla, the British and US Virgin Islands, and Puerto Rico. A hurricane warning also is in effect for French St Martin, St Barthelemy, and Desirade.

ARRL Virgin Islands Section Manager John Ellis, NP2B, credits the Hurricane Watch Net with providing the best information on the storm. "All ears are focused on the Hurricane Watch Net, which provides the most accurate and up-to-the-second coverage available," he said. "When these things get this close, it is extremely helpful for us to know exactly where they are and what direction they are going. Thanks to the folks on the Hurricane Watch Net."

Ellis expects to be on the Hurricane Watch Net. He also was planning to be available on the Caribbean Maritime Mobile Net on 14.300 MHz and on 14.160 MHz passing traffic as needed. He reports that hams are monitoring local repeaters, including the 147.25 MHz machine with its "hurricane antenna."

Jose is moving toward the northwest near 12 MPH and this general track is expected to continue during the next 24 hours. Maximum sustained winds are near 100 MPH with higher gusts.

The Hurricane Watch Net has been taking reports from stations in the storm's track and transmitting advisories. Hurricane Watch Net participants file real-time storm and weather data, which is relayed to forecasters via W4EHW at the National Hurricane Center in Miami.

ARRL Bulletin 84
October 15, 1999

Hurricane Watch Net Tracking Irene

The Hurricane Watch Net reactivated today on 14.325 MHz as Hurricane Irene threatened southern Florida. The storm was centered over Key West as of 1500 UTC today, and Key West authorities have declared a state of emergency there. The Net secured last night at 0200 UTC after the storm moved off the coast of Cuba leaving one person dead. The net resumed operation today at 1100 UTC to track the storm's progress toward Florida.

Hurricane Watch Net participants file real-time storm and weather data, which is

relayed to forecasters via W4EHW at the National Hurricane Center in Miami.

The National Weather Service has posted storm warnings on both sides of the Florida peninsula. A hurricane warning remains in effect from south of Florida City around the Florida peninsula to the Anclote Keys, including all of the Florida Keys and the Dry Tortugas.

Irene is considered to be less of a wind threat than a flooding threat. Winds are barely hurricane strength--around 75 MPH with some higher gusts--but the storm is dumping considerable rainfall in southern Florida.

ARRL Southeastern Division Vice Director Evelyn Gauzens, W4WYR, reports the storm's current track is bringing stronger winds to the Miami area than expected, with gusts of 60 MPH and expected to increase later today. Up to 20 inches of rain is expected in the Miami vicinity. Power and telephone outages already are occurring as the winds increase, she said. Two shelters are open in the Miami area for evacuees from flooded areas, which are becoming more numerous.

Southern Florida ARES Net Manager Jim Goldsberry, KD4GR, reports voluntary evacuations in Collier County and a couple of shelters open there.

The National Weather Service predicts a storm surge of 5 to 7 feet above normal tide levels is expected in the warning area of southwestern Florida and 2 to 4 feet in the Florida Keys and Florida Bay. Hurricane force winds now extend some 45 miles from the storm's center. There is a risk of isolated tornadoes over portions of southern Florida and the Florida Keys today.

At 1500 UTC, the storm was located very near Key West, 100 miles south of Naples, Florida, and moving toward the north-northeast at around 8 MPH. On this track, the storm was expected to reach the southwest Florida coast this evening.

ARRL Bulletin 83
October 12, 1999

*New West Central Florida Section
Effective January 15, 2000*

The ARRL Board of Directors has voted to approve a resolution to create a new West Central Florida section. The vote was 14-0 with one abstention, said Board Secretary David Sumner, K1ZZ.

The resolution approved calls on ARRL Field Services Manager Rick Palm, K1CE, "to establish, at the earliest date consistent with a smooth transition, a West Central Florida section consisting of the counties of Charlotte, DeSoto, Hardee, Highlands, Hillsborough, Manatee, Pinellas, Polk, and Sarasota."

After consulting with Southeastern Division Director Frank Butler, W4RH, Southern Florida Section Manager Phyllisan West, KA4FZI, and petitioner Paul Toth, K2SEC, of the West Central Florida Section Committee, Palm said that January 15 was determined to be the best date to formally bring the new section into existence. A recommendation on the appointment of a section manager for the new section is pending.

The January 15 implementation date means the new West Central Florida Section will not be a factor in any ARRL-sponsored contests until 2000.

The nine Southern Florida counties involved voted overwhelmingly in favor of creating the new ARRL section, which will be number 71. Ballots counted September 15 at ARRL Headquarters showed 920 ARRL members in the proposed new section favored the idea, while just 86 were opposed.

The West Central Florida Section Committee filed the petition with the ARRL last April. The Committee's Web site is at <http://www.qsl.net/wcfla>.

ARRL Bulletin 82
October 5, 1999

Texas schedules on-air ARES drills
Attention Texas hams!

Drills will be held on HF SSB October 7 and 21, 0001 to 2400 Central time both days to help the Amateur Radio Emergency Service organize a pool of Amateur Radio operators to be available during emergencies in Texas.

The drills will begin on 3873 kHz at 0001

and switch to 7285 kHz at 0900, then return to 3873 when the band starts to change. Technician class operators are invited to check into their local 2-meter nets and have the net manager forward the information to the appropriate Section Manager or to the HF Net.

Participation from hams in every Texas county is invited regardless of RACES, ARES, club or group affiliation. Out-of-state hams are welcome to check in. Following the drills, the Texas Department of Public Safety's Division of Emergency Management will encourage all emergency management offices to contact Amateur Radio resources if state government HF radio resources are not available. Individual hams are urged to contact local emergency management officials to make them aware of their availability.

Texas hams should contact their Section Manager with any questions: South Texas SM Ray Taylor, N5NAV, n5nav@arrl.net; North Texas SM Don Mathis, KB5YAM, kb5yam@arrl.org; West Texas SM Charles C. Royall, WB5T, wb5t@arrl.org.

ARRL Bulletin 81
September 27, 1999

VOLUNTARY COMMUNICATIONS EMERGENCY - CANCELED

The FCC has canceled the voluntary communications emergency declared recently for 3923 and 7232 kHz in North Carolina, effective 1400 UTC September 27, 1999. Notification of clearance should be transmitted on each frequency.

The Tar Heel Emergency Net has resumed its regular daily schedule, starting at 1930 Eastern time.

North Carolina Section Manager Reed Whitten, AB4W, reports that amateurs continue to provide communications for emergency operations centers in Pitt and Edgecombe counties and in shelters--primarily in Edgecombe County. Most shelters have released their Amateur operators as telephone service has been restored. Hams continue providing backup communications for local EOCs, the State EOC in Raleigh, and the Southern Baptist Convention/American Red Cross mass feeding efforts. Volunteer operators remain available to replace those who have traveled into the affected areas.

United States Postal Service

Statement of Ownership, Management, and Circulation

1. Publication Title		2. Publication Number		3. Filing Date	
Collector and Emitter		1165-150		30 Sept 1999	
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Central Oklahoma Radio Amateurs, Inc. (CORSA) 4216 Spiva Drive Del City, OK 73115-4424					
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Editor (Name and complete mailing address)					
Barold C. Miller, KB1ZQ 4216 Spiva Drive Del City, OK 73115-4424					
Managing Editor (Name and complete mailing address)					
Barold C. Miller, KB1ZQ 4216 Spiva Drive Del City, OK 73115-4424					
10. Owner (Do not leave blank. If the publication is owned by a corporation, give the name and address of the corporation immediately followed by the names and addresses of all stockholders owning or holding 1 percent or more of the total amount of stock. If not owned by a corporation, give the names and addresses of the individual owners. If owned by a partnership or other unincorporated firm, give its name and address as well as those of each individual owner. If the publication is published by a nonprofit organization, give its name and address.)					
Full Name Complete Mailing Address					
Central Oklahoma Radio Amateurs, Inc 4216 Spiva Drive Del City, OK 73115-4424					
11. Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages, or Other Securities. If none, check box <input checked="" type="checkbox"/> None					
Full Name Complete Mailing Address					
12. Tax Status (For completion by nonprofit organizations authorized to mail at nonprofit rates) (Check one)					
<input checked="" type="checkbox"/> Has Not Changed During Preceding 12 Months					
<input type="checkbox"/> Has Changed During Preceding 12 Months (Publisher must submit explanation of change with this statement)					

PS Form 3526, September 1998

(See Instructions on Reverse)

13. Publication Title

14. Issue Date for Circulation Data Below

13. Publication Title		14. Issue Date for Circulation Data Below	
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a. Total Number of Copies (Net press run)		846	
b. Paid and/or Requested Circulation (Include advertiser's proof and exchange copies)		524	
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h. Total Distribution (Sum of 15g and 15f)		836	
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k. Percent Paid and/or Requested Circulation (15b divided by 15g, times 100)		94.49%	
16. Publication of Statement of Ownership		Date of this publication	
17. Signature of Publisher, Editor, or Owner		Date	
Barold C. Miller, Editor		30 September 1999	

Instructions to Publishers

- Complete and file one copy of this form with your postmaster annually on or before October 1. Keep a copy of the completed form for your records.
- In cases where the stockholder or security holder is a trustee, include in items 10 and 11 the name of the person or corporation for whom the trustee is acting. Also include the names and addresses of individuals who are stockholders who own or hold 1 percent or more of the total amount of bonds, mortgages, or other securities of the publishing corporation. In item 11, if none, check the box. Use blank sheets if more space is required.
- Be sure to furnish all circulation information called for in item 15. Free circulation must be shown in items 15d, e, and i.
- Item 15b. Copies not Distributed, must include (1) newspaper copies originally stated on Form 3541, and returned to the publisher (2) estimated returns from news agents, and (3) copies for office use, leftovers, spoiled, and all other copies not distributed.
- If the publication had Periodicals authorization as a general or requester publication, this Statement of Ownership, Management, and Circulation must be published; it must be printed in any issue in October or, if the publication is not published during October, the first issue printed after October.
- In item 16, indicate the date of the issue in which this Statement of Ownership will be published.
- Item 17 must be signed.

Failure to file or publish a statement of ownership may lead to suspension of Periodicals authorization.

PS Form 3526, September 1998 (Reverse)

October 31 - December 11, 1999

CORA Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<i>October 31</i>	<i>November 1</i>	<i>November 2</i>	<i>November 3</i>	<i>November 4</i>	<i>November 5</i>	<i>November 6</i>
	7:00 PM LFSARC			7:00 PM Aeronautical Center ARC 7:30 PM Cimmaron ARA		9:30 AM BAARC Ve Exams 10:00 AM Ada ARC 2:30 PM Vinita VE Exams
<i>November 7</i>	<i>November 8</i>	<i>November 9</i>	<i>November 10</i>	<i>November 11</i>	<i>November 12</i>	<i>November 13</i>
2:00 PM Red Cross Ve Exams	7:00 PM LFSARC VE Exams		11:00 AM OK VHF ARC	7:00 PM Altus Area ARA 7:00 PM Tri-State ARG		9:30 AM S. Canadian ARS 10:00 AM EARC Ve Exams 10:00 AM SCARS VE Exams 3:00 PM Stillwater VE Exams
<i>November 14</i>	<i>November 15</i>	<i>November 16</i>	<i>November 17</i>	<i>November 18</i>	<i>November 19</i>	<i>November 20</i>
2:30 PM Wheatstraw ARC	6:00 PM CORA VE Exams 7:00 PM Broken Arrow ARC 7:00 PM Choctaw ARC	7:30 PM Oklahoma City APA				9:00 AM SBC VE Exams
<i>November 21</i>	<i>November 22</i>	<i>November 23</i>	<i>November 24</i>	<i>November 25</i>	<i>November 26</i>	<i>November 27</i>
2:00 PM Edmond ARS		7:30 PM CORA Meeting		7:00 PM Enid ARC	5:00 PM Collector and Emitter Deadline	
<i>November 28</i>	<i>November 29</i>	<i>November 30</i>	<i>December 1</i>	<i>December 2</i>	<i>December 3</i>	<i>December 4</i>
	6:00 PM Shawnee VE Exams			7:00 PM Aeronautical Center ARC 7:30 PM Cimmaron ARA		9:30 AM BAARC Ve Exams 10:00 AM Ada ARC 2:30 PM Vinita VE Exams
<i>December 5</i>	<i>December 6</i>	<i>December 7</i>	<i>December 8</i>	<i>December 9</i>	<i>December 10</i>	<i>December 11</i>
2:00 PM Red Cross Ve Exams		7:00 PM LFSARC	11:00 AM OK VHF ARC	7:00 PM Altus Area ARA 7:00 PM Tri-State ARG		9:30 AM S. Canadian ARS 10:00 AM EARC Ve Exams 10:00 AM SCARS VE Exams 3:00 PM Stillwater VE Exams

September						
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31						

November						
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28	29	30				

December						
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30	31					