

# Collector & Emitter

Central Oklahoma Radio  
Amateurs, Inc. Publication

**January 1999**  
Volume 25, Number 1  
Issue 287  
50¢

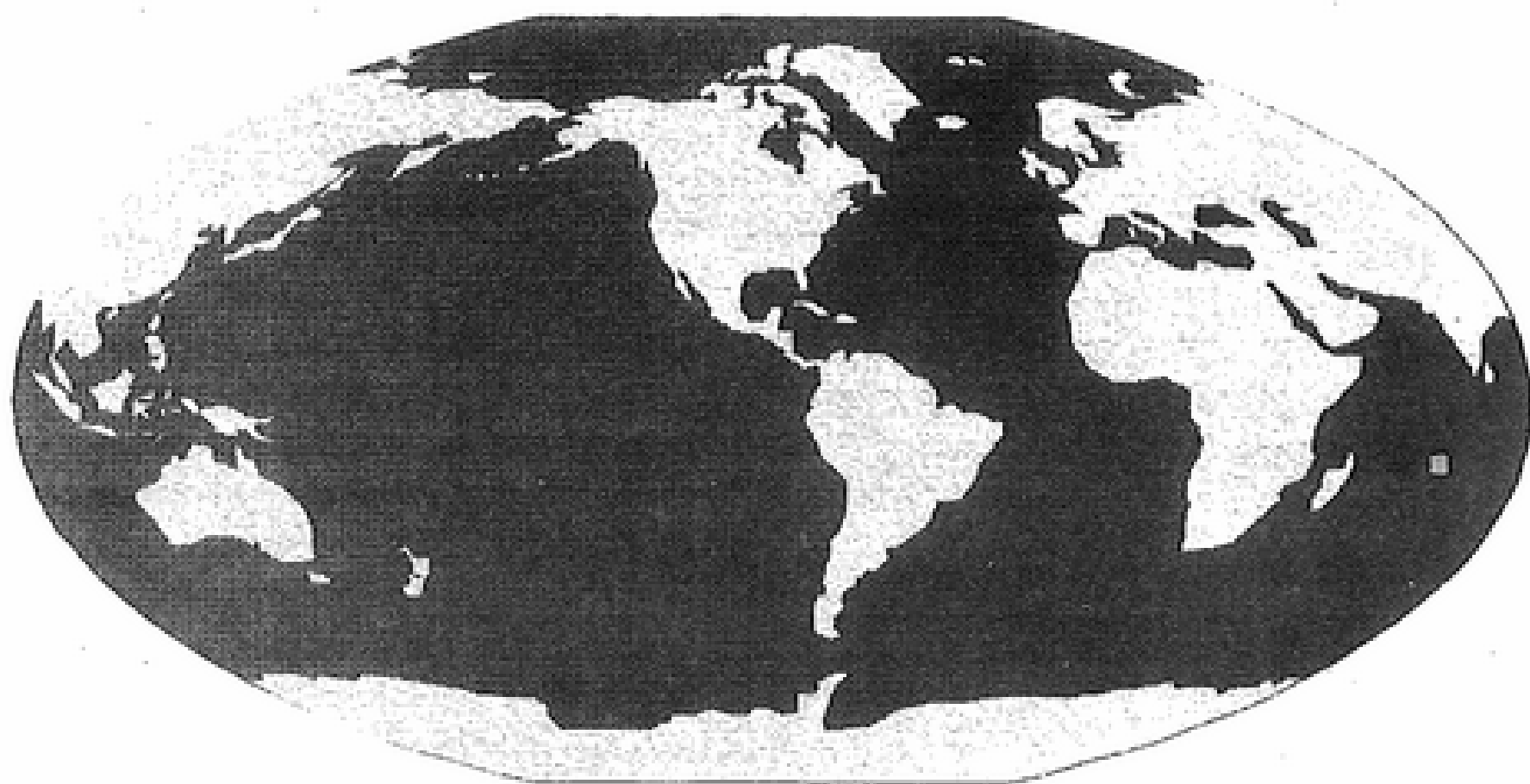
Postmaster See Page 2  
For Postal Information

Periodical Mail

**Emma's Radio Project**

**Welcome to Enid ARC**

**It's Tutu good to grow**  
Would you do this to get your club to grow?



**Lee Vaughn, KA5WIS**  
EARS HOTY

**Medical Emergency on CW**

**Remember When...**

**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](http://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  
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.

**January 1999****VOL. 25, No 1, Issue 287****Collector and Emitter****(USPS 116-150)**

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

Subscription rates:

CORA Associate \$4.80 per year

Paid subscription \$9.00 per year

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

<b>1. Aeronautical Center ARC</b> Meets: 1930L, 1st Thursday, FAA, S. MacArthur, OKC Pres.: Bob Kremer, WA9FCT 381-3182 VP: Chuck Bryant, KB5ZVZ 737-0423 Sec/Tr.: Brad Nelson, KJ0W 793-9470 Editor:	<b>11. Edmond Amateur Radio Society</b> Meets: Odd Months, 1400L, 3rd Sunday, St. John's the Baptist, Even Month, Dinner, 3rd Saturday Pres.: Steve Kuper, KC5RYT 722-5789 VP: Curtis Foote, KC5GEP 359-6514 Sec: David Hartman, KC5UNO 210-5949 Treas.: Gary Carson, KD5CPL 751-0006 Editor: Curtis Foote, KC5GEP 359-6514 E-mail: <a href="mailto:kc5orp@juno.com">kc5orp@juno.com</a>
<b>2. Oklahoma Central VHF ARC</b> Meets: 1130L, 2nd Wednesday, Home Town Buffet, 3900 NW 63rd, Oklahoma City Pres.: Bill Noland, WA5FWD 354-5018 VP: Bob Ashby, W5HXL 942-5375 Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI 842-3055 Editor:	<b>14. Cimmaron Amateur Radio Assn.</b> 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
<b>4. Oklahoma City Autopatch Assn.</b> Meets: 1930L, 3rd Tuesday, Salvation Army BldgNW 50th and Penn, OKC (Back Door) Pres.: Glynn Massey, N5WNL 631-2731 VP: Kieth Baker, K15XA 392-5402 Sec: Forrest Rush, N5VWF 842-8486 Treas.: D. C. Macdonald, K2GKK 672-4947 E-mail: <a href="mailto:ocapa@juno.com">ocapa@juno.com</a>	<b>15. South Canadian ARS</b> Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Dennis McCarthy, KC5EVH 447-2012 VP: Steve Pierce, W5BIV 329-7978 Sec/Tr.: Jeff Wyke, KE5EB 329-6762
<b>6. Altus Area Amateur Radio Assn.</b> Meets: 1900L 2nd Thursday, Southwest Area Vo-Tech Center, 711 W Tamarack Altus, OK Pres.: Ron Hughs, KB5UVC 580-482-7994 VP: Bob Casey, KC5CNC 580-482-7437 Sec: Ron Roman, KC5CYW Treas.: Doc Barker, KM5IO 580-726-3623 Editor: Alan Snider, KD5COH Unlisted	<b>16. Broken Arrow ARC</b> Meets: 1830L, 1st Monday, Broken Arrow Community Center, 1500 S. Main, Broken Arrow, OK Pres.: Wayne Hartsfield, KK5AT 918-357-2139 VP: Joe Hom, KC5VPO 918-451-0028 Sec: Jerry Pascal, KC5JKU 918-455-6514 Tr: Harlan Kinney, K9GDK 918-251-2672 E-mail: <a href="mailto:w5bbs@juno.com">w5bbs@juno.com</a>
<b>7. Enid Amateur Radio Club</b> Meets: 1900L 4th Thursday, Enid/Garfield County Public Library, Enid, OK Pres.: Al Fox, KD5BA 580-242-4800 VP: Dwayne Posey, KC5QVS 580-237-3218 Sec: Clint Clay, KB5OEQ 580-863-2229 Treas.: Bill Wehling, KC5OKG 580-233-5022 Editor: Dick Stricker, NJ5S 580-233-9869	<b>17. Ada Amateur Radio Club</b> 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
<b>8. Choctaw Amateur Radio Club</b> Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Duane Angles, KA5WRG 670-6163 VP: Mike McFarland, N5WNT 799-0612 Sec: Treas.: Ron Ernest, WB9DAF 769-3207 Editor:	<b>18. Lawton Fort Sill ARC</b> Meets: 1900L 1st Tuesday, Great Plains Area Vo-Tech room 301, Worley Center. Pres.: Terry Oates, KR5IYB 580-492-5743 VP: Mark Ewell, KC5IZN 580-536-2777 Sec/Tr.: Danita Haney, KC5YYU 580-549-6717 E-mail: <a href="mailto:w5ks@rli.net">w5ks@rli.net</a>
<b>9. Wheatstraw Amateur Radio Club</b> Meets: 1430L, 2nd Sunday, Location Varies Pres.: Neal Kappus, N5KCO 405-262-1151 VP: Leo Piel, WZ5H 580-886-2998 Sec/Tr.: Johnny Fish, K5GBN 580-893-2227 Editor: Jimmy Payne, N5VDY 580-496-2312	<b>19. Tri-State Amateur Radio Group</b> 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 580-886-2383 E-mail: <a href="mailto:W5OKT@unibuilt.com">W5OKT@unibuilt.com</a>
<b>10. Oklahoma DX Association</b> 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.: Mark Byard, N5OGP 580-762-1966 Editor: Mark Byard, N5OGP 580-762-1966	<b>Central Oklahoma Radio Amateurs</b> 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: <a href="mailto:n1lpn@swbell.net">n1lpn@swbell.net</a>

Deadline for January, 1999 Issue of *Collector and Emitter* is Friday, January 29, 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](mailto: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.

## CORA VE Testing

Well... as you likely recall, the weather on December 21 was real winter like. At least for Oklahoma in that the wind was howling, the snow blowing and flesh was freezing. So, in the best interest of mankind the December CORA VE session was cancelled. No precedent for taking that action but appeared the best course of duty. Known applicants scheduled for testing that evening were contacted and were thankful for more study time and not having to venture out and battle Mother Nature. Most of the regular VE team was able to be contacted as was the Salvation Army administrative staff who posted an Event Cancelled sign for us. Thanks to Forest, N5VWF for taking care of this request and coming up with the idea.

So, the 1998 calendar year for CORA VE testing ends a bit early but ready for the next session which is set for Monday, January 18, 1999 at 6:00 PM. Hope to see you and yours all set for some successful testing on this date at the Salvation Army divisional headquarters. It is located at the southwest corner of Penn Avenue and Northwest Expressway in OKC.

Happy New Year!

73 de John-WB5SYT

## SM Greetings

Hi all!

I wanted to touch base with you all fairly quickly since Coy made the announcement a couple of days ago. I am very pleased that we have Coy in a division leadership role now. He has worked hard for us as SM and will now get to work even harder as Vice Director. I have worked with Coy over the past couple of years and am honored that he selected me as his replacement.

I want you to know that I will do my best not to let him nor you down. I will try and

keep things running as smoothly as Coy has. I am not planning any major changes to the way things are done. They are working great today, so I don't want to mess with that.

I guess I should introduce myself to you and tell you a bit about myself. I admit I am a fairly new ham, but only according to the FCC. I have grown up with Ham Radio. My Dad, Charlie Calhoun, Sr. W0RRY, introduced me to ham radio at a very young age, when I shared my bedroom with his ham shack. I remember waking up at 2 in the morning, when I was about 6 years old, hearing Roger S2 Roger S2 Roger S2 BREAK!!! We both love to work the meteors. I have been a ham now for over 5 years. As soon as I moved back from Stillwater, where I attended OSU, I started working on my ticket. I started out with a Tech+ license and soon upgraded to General. I plan on upgrading to Advanced, now, shortly. My first call was KB5ZUD then I took advantage of the Vanity system and got K5TTT. My interests in radio are fairly broad, so I believe I can relate to almost all of you. I enjoy contesting, although it is fairly difficult with a modest station. I operate packet, though mostly only DX Cluster work. I really enjoy VHF and above. I think 6 meters is my favorite band. I try to work all the meteor showers when I can and I have an interest in Moonbounce and other weak signal work. I am involved with the Central States VHF society and was nominated, but not elected, for a director position in 1997. I served one year as VP and two years as President of the Tulsa ARC. I am very active in community events and emergency communications. I passed traffic during the San Francisco earthquake, served several days in the field after the Catoosa Tornado and served under Frank McCollum, N5FM, for 10 days during the Oklahoma City disaster. I love to go weather spotting, but I didn't get much of a chance this year, my wife and I had twin boys in March, Blake and Brock, and they keep us quite busy. I work on computer systems by trade. I am the OpenVMS systems administrator for National Data Corp. in Tulsa (formerly CIS Technologies).

I am excited to have the opportunity to serve you in this position. I look forward

to working with each of you and I hope I can count on your support. You are welcome to contact me anytime, if I can't help you I'll find someone who can. I will be moving the OK Section Web Page over to my own internet provider before the first of the year, so I will provide you with the new address once I have it up. I welcome any comments you may have and look forward to hearing from you.

Charlie Calhoun, K5TTT  
k5ttt@tulsa.com  
Section Manager,  
Oklahoma Section

## From The CORA President

Happy New Year! I hope that your holidays were pleasant and Santa brought all the necessary part and pieces to complete your ham shack. With the bands being what they are it is time to get prepared for those spring projects. Antenna repair, tower maintenance, new antennas or other things your station needs.

I also want to welcome the Enid Amateur Radio Club to the CORA family. We hope that the *Collector and Emitter* meets with your approval and look forward to some of the great information we have seen in the *Enid ARC Light* in the past.

We are getting into the early stages of planning for Ham Holiday '99. We need your input as to what you want to see, do, and other inputs. The board planning the hamfest could use all the help we can get.

A word on our advertisers, I hope that when you make a purchase from one of our advertisers you mention that you got their address or phone number from their advertisement. These fine folks help support this newsletter with their ads.

Well I hope all of those DX chasers are doing well, with the bands being very open the chances of finding a rare one is out there. Linda and I have worked three contests in the last 3 months and have had a ball. I have worked countries, which I have only heard tell about. With that I wish you all Great DX and a Joyful New Year.

73,

Hal, KB1ZQ/5

## Chit-Chat

### "Do Your Worse..."

By Linda, NILPN

A ham on 80 meters states crystal clear to another ham, "Do your worse, I'll just go over you! You won't bother me in the least!" during a recent ARRL SS Contest. That small phase seemed to shock and shatter my belief in all hams being gentlemen. I had heard other hams talking trash, throughout the past two days during the event, about 'those damn contesters' (direct quote) and wishing they would go away. I heard the contesters being called old CBers who had invaded the hobby and everything was going to the dogs. Those who were complaining acted as if they were royalty and all other hams were peasants, which they can hardly tolerate. Here is what I heard during a recent ARRL SS Contest as well as a few points to ponder.

On 80 meters, a ham with a one by two call had found a frequency, which was not in use, and started calling CQ SS Contest. He worked hours on end, many times helping first time hams trying to contest. He thanked every contact made and wished them good luck in the contest. About 6 hours into the second day, another ham came on and told him he had to release the frequency, a weekly informal net was about to start and he had to move. The contester asked if it was an Emergency Service Net and was told no, it was just an informal one. The contester said he had the spot first and there was a contest in progress that is held once a year. A heated battle of words erupted between the two.

It became ugly and embarrassing. I could not understand how two amateur radio operators both with one by 2 calls act so childish over the airwaves. It reminded me of when I taught the 2-year-olds class in Daycare. It was very common for two little boys to be fighting over a toy or a spot on the rug. Neither would be willing to give in or step down. Neither had the social skills or the maturity to respect one another's rights. The best I could do to break up the fight was to remove what they both had laid claim to and tell them they needed to learn to share. You have no idea how tempted I was to step between

these two hams fighting over a spot on the airwaves. My husband told me to stay out of it.

Finally, the ham that had squatters right to the frequency challenged the other ham; "Do Your Worse! You can not drown me out!" The battle was on and as the contester continued calling CQ SS Contest, the other ham tried to tune up his radio on top of the first. Somehow, the contester was able to get through the noise and went on as he had before. We moved on to continue contesting ourselves in search of one state which we never found.

Looking back on the contest and the hostile feelings some hams have toward the activity, I can see a possible link between the shrinking of the ham bands and the attitudes of the hams themselves. It is reflection of the same mentality noblemen had back in the 1800's. We are too divided on many issues and have lost our sense of purpose. A divided house is an easy target and is easy to destroy, but a well-united one is hard to tear down. Something else that seems to have been forgotten is the airwaves are open to anyone wishing to listen. You never know who might be listening. I hate to think what example those two hams presented to those monitoring from across the globe.

Contesting serves a major purpose to the ham community. It gives each ham a chance to check out his personal equipment and to discover how far it will reach by making as many different contacts as possible in a set number of hours. It is a fun way to practice radio skills and improve on listening ones. Contest activities are the learning grounds to develop skills that are needed in time of an emergency. During an actual emergency is not the time to learn proper radio operations when lives are at risk.

"Do your worse..."  
If hams continue to fight among themselves and refuse to follow the rules we all have agreed to follow, the worse will surely follow closely behind.

This next year we will be faced with some major challenges concerning the future of ham radio, can we find a common ground and not act like 2 year olds?

The sad truth is I really have just a slim hope we will find a way to stand united on the issues. Too much intolerance has developed toward the lower licensed hams and the new proposed changes will just increase that attitude. Too many people are allowing their emotions to rule their actions toward one another without thinking things through. We must look at all of the facts, see the issue from every angle and have our facts straight and not go on what someone else may say they think is true and it is not. I fear that many will let their fears over-rule their better judgement and everyone will lose.

There is a story in this issue about a call for help. It is a story we all should try and remember. It brings to light the importance of CW as well as setting an example for us all on what it means to be a ham.

### For Ralph, WA5PFK

You have over the years, become a very dear person to me. Your articles and stories each month were a blessing. You made me laugh, think, and at times, brought a tear to my eye as I typed up your monthly articles for this newsletter. I will miss you!

My heart felt thanks for all you have shared with us and for all you have done. Enjoy your retirement from the C&E Staff, it is well earned. If the itch to send in a story or two comes upon you, please send it my way. I wish you and Goldie only the best. Thank you!

Until Next Month...

1631 SE 15th

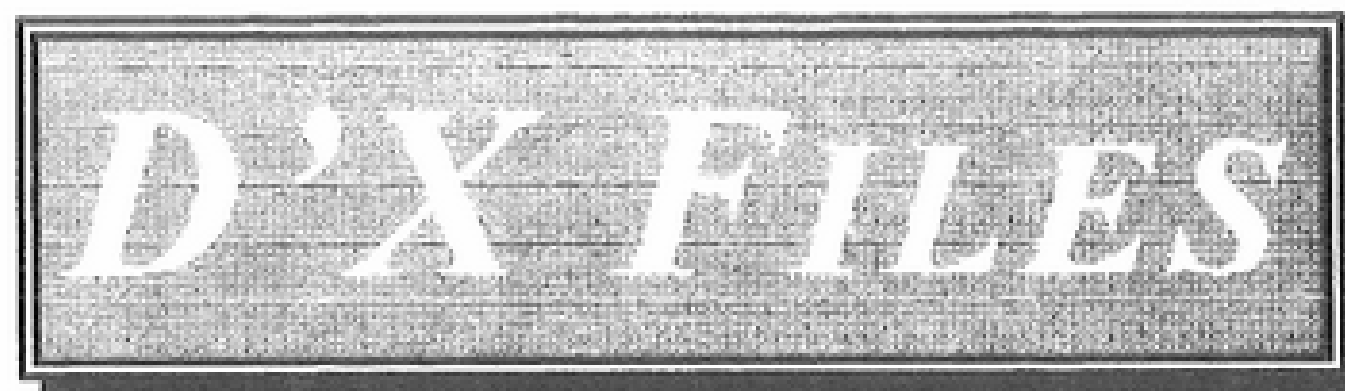
677-9001

**Skyline Restaurant**  
"country cooking"

*Bryan, Cindy, Jennifer and Jessica*



*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:*



## ***Episode Four: Here's A Big 2 by 4, Good Buddy...***

Despite Xander's access to the most advanced technology, the covert nature of his work compels him to maintain a low profile antenna presence. At times he envies the average Ham who can plant a 60' tower and decorate the sky with aluminum. The ground mounted Fresnel-Turnstile tracking array is a potent performer on 160 and 80/75 Meters, but limited above 40 Meters. The Broadband Ultra Linear Loaded Symbiotic Hyper Impedance Transconductor is positively lethal on any band, but lacks the subtlety and finesse needed for Xander's ultimate goal of Pinpoint Propagation Control. His desire to work the upper HF bands in style grew stronger as Cycle 23 developed...

While strolling the estate one morning, he was struck by a simple but elegant solution to his HF antenna dilemma. If he installed a vertical monopole in the center of the low-band array, might the array serve as a tunable ground plane with capabilities beyond those of the usual ground radials? Computer modeling revealed this could be a superior design, and also revealed four monopoles with adjustable spacing and feedline phasing in a four-square array would be a superb all-band performer.

The following Saturday morning, after the OKDXA Net, Xander went to his local Deep Discount Antenna Emporium to price their self-supporting 132' tapered aluminum flagpoles. Custom ordered in one section with a base insulator, silver plating, and Teflon™ weather coating, Xander realized the visual impact of such a massive antenna array was beyond serious consideration. Even a single quarter wave vertical cut for 160 Meters would look out of place at his QTH and might give the neighbor reason to suspect he was a Radio Amateur... Shhhhhhh.

Fortunately, Xander was experimenting with designs for a visible RF generator. One of the great shortcomings of even the most sophisticated RF modeling software is the inability to accurately represent a three dimensional energy field on a two dimensional display. Although a clever imagination can fill in the gaps, it would be very advantageous to observe the RF wave patterns directly.

### **Author's Warning**

The following concepts should NOT be considered a practical design by anyone living within ten miles of Lawyers, Rednecks, Lawyers, Livestock, Lawyers, Children, Lawyers, or Lawyers !

Xander discovered a plasma field seeded with metallic ions would give off a faint phosphorescence, but he had yet to devise a way of coupling this effect to an RF field. However, he had discovered a method of pulse modulating the field to control its size and shape. While the glowing form rising from his lab bench was most impressive to watch, it needed a practical application. Xander wanted a low-profile directional array. Perhaps an RF controlled plasma field would be the answer and become his next D'X File...

In a Blinding Flash of Inspiration, Xander visualized the answer... Actually, he was reading a cereal box with a Star Wars promotion on the back when he was struck by the concept of designing a Jedi Light Saber that could radiate RF...

Xander fabricated a rough prototype and discovered a short length of silver plated Tritium pipe with a Palladium anode fogged in a fine mist of WD-40 could be excited into radiating a densely ionized field of infinite length. A pulse-width modulation circuit was added to the plasma generator for precise field length

adjustments. If the plasma field could radiate RF without disturbing the control devices, he had the makings of an infinite length antenna element.

Careful testing of the prototype revealed it was capable of carrying more than 20 amps of RF current with negligible loss. Further refinements, like a slight taper in the coupling pipe, increased the efficiency to the point where it compared favorably to aluminum antennas and obeyed the basic formulae of antenna design.

Xander's legendary attention to detail had paid off once again. Four vertical plasma radiators were soon installed on motorized tracks above the Fresnel-Turnstile array so they could be readily adjusted for element spacing. Sliding couplers in the parallel line feeders allowed tuning as needed. A small signal applied to the Fresnel-Turnstile ground plane yielded a modest tilt effect in the elevation pattern.

With full control of the vertical element spacing, length, and ground plane shape, the low-profile array was infinitely tweakable for direction and beam tilt. Xander found the system tuned up beautifully on all HF bands and returned many 5x9 +20 DX reports on 17 Meters when driven at QRP levels. Breaking through the 'California Kilowatt Curtain' into Asia on 20 Meters was relatively easy despite 'poor to fair' band conditions.

The antenna was working so well on the low bands, Xander almost qualified for the Worked All Mongolia QRP Award on 75 Meters in an hour. He had no problems with signal levels, but Mongolian 75 Meter ops tend to be crusty old codgers who ramble on forever...

Then, without warning, he was struck by another of his now famous Blinding

Flashes Of Inspiration... If he could blanket the ground under the vertical elements with a secondary plasma field, could he not elevate and contour the ground plane for best results? A few quick experiments in the anechoic RF lab with a scaled radiator and low power plasma source showed the technique was indeed viable. The faint purple glow of the plasma allowed Xander to easily measure the contours of the ground plane while measuring the radiated field strength.

*"Xander documented the technical details and named it the Stealth High Altitude Field Terminated (or SHAFT) Antenna..."*

The results were astounding. The ground field could be adjusted to create a 'tipped cup' pattern to stream RF in any direction or angle. A parabolic reflector alignment resulted in a concentrated beam straight up from the vertical elements that could be focused into an RF point source. Calculating the scale readings against the full size dimensions, a transmitted signal could propagate as if originating from a virtual high intensity isotropic source several miles above the array. Further experimentation revealed the horizontal pattern could be split into many directional lobes when the plasma field was tweaked into a pocket comb pattern. Xander realized the enormous potential of this design. He could independently adjust the direction, elevation and power ratio of each lobe. Imagine an antenna capable of infinite pattern adjustment and radiation height. No doubt this would be a dream antenna for HF Traffic Net operators... Struggling with a weak check-in or poor band conditions into 9 Land? Just dial in another lobe and watch the S meter dance.

Xander documented the technical details and named it the Stealth High Altitude Field Terminated (or SHAFT) Antenna.

Xander had concerns about safety. After all, how many Hams install variable shape plasma force field generators in their landscaping? Xander powered up the array and tossed a rock into it, which bounced off the plasma field with no ill effects. This was a good thing. If the rock had been sucked into a parallel universe

he'd have to re-think the whole concept. Don't you just hate it when your signal is louder in a parallel universe than it is here? He measured the perimeter field strength to confirm it was reasonably low. As he was carrying his test equipment back to the lab, a stray cat wandered near the far side of the array. Xander watched as the cat bumped into the field and demonstrated the feline version of Marcel Marceau climbing a glass wall. The cat was very confused, but since this is a normal condition for cats, Xander decided he had no unusual safety concerns.

The following day Xander was surfing the HF bands and smiling as dozens of signals rolled in at S9 +40dB levels while some OM's complained about the 'poor band conditions'. Tuning around an allegedly dead 10 Meter band, he heard signals clustered in various parts of the world. Apparently the old saying about regional band openings is true. Unfortunately, one of the signals he heard was from the Kingdom of Lesotho and was not a positive conversation...

Although Xander was fluent in Sesotho, the most common language in Lesotho, the QSO included phrases in Nguni, a dialect of Bantu. Despite this, Xander realized he was listening to a conversation between a medical rescue flight from Machache and a ground station near Maletsunyane Falls. Apparently local band conditions were difficult in the Sengunyane Mountains and the small plane was heavily loaded. Unable to increase his altitude enough to improve communications, the pilot was having difficulty copying their exact location. A mining accident and the approaching nightfall added to the urgency of their situation.

Xander immediately fired up the Ten Gallon Continental rig at the 1.2 kW level to offer assistance. Despite 5x7 signals from the 7PA's, his language skills were not quite up to the task. Mixing a few Nguni phrases he had just learned with Sesotho and Ebonics, he was finally able to convey his ability to relay traffic.

As luck would have it, an interfering signal appeared at just the wrong time.

Xander couldn't tune it out, as it appeared to be local in origin and was 'scratch' from a dirty transmitter. By tuning around with a second transceiver he found the source was an over-modulated AM signal on 27.185 MHz. And what a lovely signal it was. Mindless epithets and obscenities repeated endlessly into a modified CB radio. Xander keyed up on 19 and advised the operator he was interfering with a medical emergency in progress. The reply cannot be printed here. Apparently this person needed a tad more persuasion.

Xander made a split second decision that might eliminate the QRM... He cranked up the Continental near maximum smoke on 27.185 and optimized the SHAFT for a signal focused into eleven square meters on top of the CB'er... Then keyed a single 'T' at 5 wpm on channel 19 at 12+ kW...

Silence returned to the frequency.

Xander returned to his QSO and was able to relay navigation and medical data throughout the flight. Despite a sincere offer of a recommendation for Royal Commendation from the King of Lesotho, Xander said that wouldn't be necessary. He was only doing what any OKDXA member would do in the same situation.

The following morning, Xander was reading *The Tulsa World* and noticed a small article about a CB'er near Bochita, Oklahoma. Dazed and stunned, he had been operating a CB radio when a freak electrical disturbance struck his antenna and reduced the radio to a pile of ash. Some neighbors described it as a 'purplish bolt of lightning' coming straight down from a clear blue sky. One neighbor said it looked like 'The Finger of God'.

Only Xander knew exactly which finger it was.

**The QSO is out there.**

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



## Choctaw Amateur Radio Club

### Minutes of Meeting 11-16-98

The Treasurer opened the meeting at 7:03 PM with 9 members and 1 guest present.

#### *Reports:*

The Texnet system is still down from the lighting strike and John Mathis is working on getting it repaired.

The repeater is up and working, but the original power amplifier is still not right. Ron wb9daf proposed to change out the power transistors. The decision was tabled and several members were to help explore alternative solutions to getting the amplifier repaired.

The nominating committee recommended Dave Downing for President; Don McDown for Vice President; and Tim Harper for Secretary. Ron Earnest agreed to serve as Treasurer for another term. A motion was made and seconded to elect this officer by acclamation, and all members voted to accept the motion. These then are the slate of officers for the year 1999.

#### *Old Business:*

The quarterly swap meet was discussed and the members present agreed to cancel the scheduled swap meet for December. A motion was made, seconded and carried to hold the swap meet during the months of January, April, and October 1999 and continue with the second Saturday of those months as the schedule. Ron. WB9DAF is to make the arrangements with the Midwest City Community Center.

#### *New Business:*

December 19, 1998 was selected as the date for the December meeting. Bill Crossland was asked to find out if the Choctaw Restaurant was available on the same basis as last year. All agreed that this is a good choice.

A discussion was initiated regarding ways to make the club more visible to the Choctaw community. And, several members thought it a good idea to get more involved in community affairs such as the Old Timers Day. A motion was made to invite the Choctaw Police Chief and his wife to our Christmas Dinner meeting as a way of letting the Chief get to know our members and what we are about. This motion passed unanimously.

#### *Adjournment:*

There being no further business the meeting adjourned at 8:18 and several members relocated to the local Braums for further socialization.

Addendum: The Christmas Dinner meeting is set for 6:30 PM, Saturday, December 19, 1998.

Submitted by: Bill Crossland, N9SQV

## Emma's Radio Project

Word from the United Kingdom about its 1998 Young Amateur of the Year Emma Constantine, 2E1BVJ. Emma has issued a radio construction challenge that's quickly become a sponsored national United Kingdom ham radio youth contest.

Called Emma's Challenge, the project involves building a 6 meter, 3 watt FM portable transceiver for less than fifty pounds. Contestants have until the end of 1999 to submit their entries. The United Kingdoms Radiocommunications Agency has also pledged its support and has donated 1,000 pounds.

The competition is open to all young British hams. Two main prizes awarded for individual and group or club entries. For further information write to the RadCom office at RSGB Headquarters. The e-mail address is:

radcom@rsgb.org.uk  
(RSGB, GB2RS)

### 10% OFF CATALOGUE PRICES ON ALL MFJ, AMERITRON, MIRAGE EQUIPMENT

MAHA RL-115 2M W/ EXTRA NiMH BATT.

MAHA CHARGERS, BATTERIES & DOCKING BOOSTERS

ADI 600-HP DUAL BAND HIGH POWER

PRYME PR-52 6M HAND HELD

VECTRONICS KITS (ALSO 10% OFF CATALOGUE PRICE)

LARSEN, HUSTLER, TRAM & MFJ ANTENNAS

### EXTRA SPECIAL SPECIALS!!!!

2 METER ANT. - NMO MNT. - NO GROUND PLANE REQ'D. - \$29.95!!!  
NEW-MFJ SWITCHING POWER SUPPLIES - 25A \$124.95, 45A \$169.95

\*\*\*\*\*  
K & E ELECTRONICS  
3540 N. W. 23<sup>rd</sup> ST.  
OKLAHOMA CITY, OK  
73107

STORE HOURS: TUES.-FRI. 10AM-6PM

VISA/MASTER CARD ACCEPTED  
LOCAL (405) 947-2891  
ORDERS (800)-545-4089  
FAX (405) 949-0524  
CLOSED SUN & MON.

## Enid Amateur Radio Club

### Greetings to all:

Well this is the first issue of the Enid Amateur Radio Club to be published in the CORA *Collector and Emitter*. I would like to thank Hal and the CORA team for allowing our Club to be a part of CORA. I hope everyone had a very nice Christmas and a Happy New Year, well it is the 22nd but by the time you all receive this it will all be over.

The Enid Amateur Radio Club had a very nice Christmas get together at the Western Sizzlin and a great time was had by all. The audit committee finished up and the new club officers have taken over.

Few of the members had a great time working the ARRL SS contest and also the 10meter contest. Dave, KC5GUD Installed a new Antenna at his home QTH and got to try it out on the past contests more will follow on the Antenna installation.

Ray Miller, W5REC Asst. Dir. West Gulf Div. has turned in his resignation as of Jan 1 1999 after serving Twenty some years, Ray we thank you for such an outstanding job well done.

The 147.375 repeater has been replaced with a new Kenwood repeater and is working very well, also Curt, N5RHO of Fairview Ok. Will be on the air soon with a new repeater on 444.725 Mhz watch for it.

For myself Dick, NJ5S I am in the process of rebuilding a Collins KWM-2A and 30L1 for a winter project

Here is some more Info on the Enid Club. The VE testing at Enid is done on odd months starting with the month of January. They are on the 2nd Saturday at 10:00 AM at the Oklahoma Natural Gas Co located at the corner of HY412 & Garland Rd., across east from Atwoods store. The testing is PREREGISTER ONLY

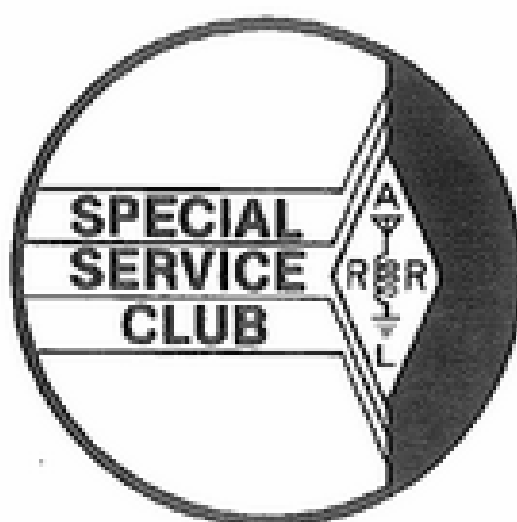
And it is W5YI brand. Contact Tom N5LWT 580-233-8473, Fred N5QJX 580-242-3551, Dick NJ5S 580- 233-9869 and

the commercial license test by request also.

The Enid Amateur Radio Club has two local nets that all amateurs are welcome to join in and they the Enid Amateur Radio Club Monday Night Net which meets each Monday night at 8:00pm on 147.150MHZ.

The North Central Oklahoma ARES Group also meets on the first and third Monday of the month at 7:30pm on the 147.150MHZ rep. All are welcome; John, KA7GLA is the local EC.

The normal Club meeting is held at the Enid Public Library on the fourth Thursday of the month at 7:00pm



But for the month of January it will be at the Red Cross bldg. Located at 323 W. Cherokee St. at 7:00pm

Not to change the subject but congratulations are in order for Coy Day N5OK as our new Vice Dir. West Gulf Div. And Charlie Calhoun K5TTT as the new SM.

Well for now this is it from the Enid bunch I hope every on has a great New Year so until next month

73 and of course Great Dxing to all.

Dick NJ5S

### Enid Hamfest Trivia

There were 509 people who signed in at the 1998 Enid Hamfest. We served 900 cups of coffee, 50 dozen doughnuts, 450 hotdogs, 3 gallons of chili and 3 very large containers of (Hamfest) Ham & beans...of course loads of fun. Thanks to all that was there.

### John and Annie Glenn honored

Senator and astronaut John Glenn has been awarded the Medal for Distinguished Public Service. This is the Defense Department's highest civilian honor and presented to him by Defense Secretary William Cohen on December 4th. At the ceremony, Cohen called Senator Glenn a true American hero who, from the streets of a small Ohio town to the high heavens above, has indeed lived a life of courage, integrity, judgment and dedication.

Cohen also honored Annie Glenn, the senator's wife of 56 years, with the Department of Defense Medal for Outstanding Public Service. In making this presentation, Secretary Cohen called Annie Glenn a hero in her own right. He praised her for overcoming a stammer to become a strong voice for children, speech and communications, and the disabled.

(DoD Release)



405-737-3781

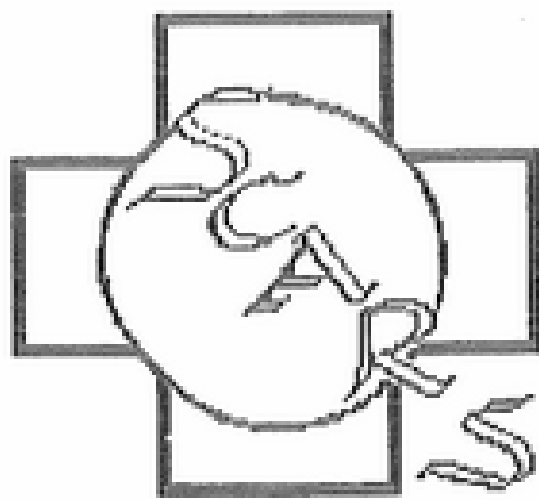
[www.bookrack.com](http://www.bookrack.com)

### THE BOOK RACK

Books & Comics

1717 S. Air Depot  
Midwest City, Okla. 73110

Terry L. Smith  
Owner



## South Canadian Amateur Radio Society

Minutes - SCARS Regular Meeting -  
December 12, 1998

The December meeting of the South Canadian Amateur Radio Society was held on Saturday, December 12, at the Red Cross building in Norman. Club President Dennis, KC5EVH, called the meeting to order at 9:30 a. m.

### Reports:

Repeater - Ken, N5BEW advised there was nothing new to report. The repeaters are all working fine.

CORA - No report this month.

Treasurer's - Jeff, KE5EB reported on the account balance and again invited members to renew memberships. Renewals may be sent to P.O. Box 720993 Norman, Ok 73072.

O. U. Ham Classes - Classes will begin January 19 at 7:00 p.m. at the Weather Service building in Norman. Helpers are welcome.

THANKS, DENNIS! - Jerry, W7DAD, offered thanks to Dennis, KC5EVH, for the great service he provided in purchasing the gifts for the Club's annual Holiday party. We all join with Jerry in offering Dennis our appreciation. Great job, Dennis! It was a lot of fun, and approximately 45 people were there to make it so.

One more reminder...BE SURE TO GET YOUR RENEWALS IN AS SOON AS POSSIBLE!!!!

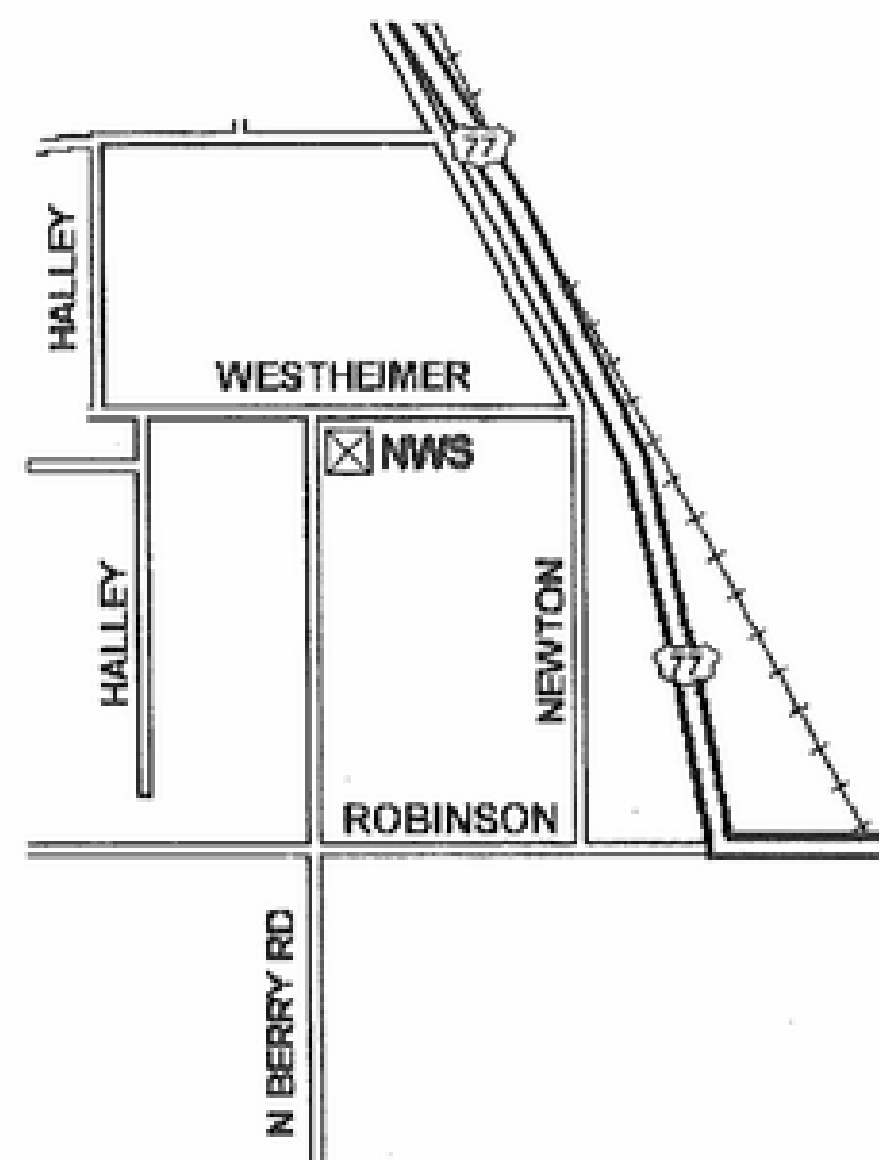
Jeff, KE5EB  
Secretary/Treasurer

## Amateur Radio License Class Offered in Norman

For your New Year's resolution, how about learning some new skills by taking a free Amateur Radio License Class? The class is open to anyone, any age, interested in becoming an Amateur Radio Operator (Ham). The 8-week class meets Monday nights, 7 pm - 9 pm, from January 18 to March 8, 1999, at the National Weather Service (NWS) Forecast Office, 1200 Westheimer Dr., Norman (see map). No Morse code knowledge is required for this license. If you are interested in taking the class, please contact Jud Ahern, W5JA, at jahern@ou.edu or 325-4480.

The no-code Technician License Class is sponsored by OUARC (Oklahoma University Amateur Radio Club -- Alpha Sigma Delta Radio Fraternity) and SCARS (South Canadian Amateur Radio Society). Participants will need to purchase the book *Now You're Talking!: All You Need to Get Your Ham Radio Technician License*, 3rd edition, (\$19), which will be available through the class.

Sessions will consist of about 50% video material and 50% demonstration and lecture. The 7th night of class, March 1, 1999, students will complete preliminary paperwork for the test, review material with instructors, and take a practice exam. FCC license testing will take place during the 8th class, March 8, 1999, by ARRL volunteer examiners.



## It's Tutu good to grow

When Central Michigan Amateur Radio Club president Erv Bates, W8ERV said he would wear a tutu if it increased the organizations membership he probably never thought he would actually have to do it. Bates made the comment that he would wear the ballet dance-wear if club membership reached 200 by November's meeting.

It did and Erv was informed that he was duty-bound to pay up at the clubs December meeting. And he did.

According to club secretary Julie McLain, KB8ZXR, Bates really looked cute in the tutu with the yellow striped shirt. The costumes designer, Kim Carpenter, arranged the get up in the "bumble bee" style, complete with antennae and wings. Want to see for yourself? Go to the clubs website at:

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

(KB8ZXR)

## Straight Key Night on the Ham-Sats

Ray Soifer, W2RS, is inviting amateur radio operators around the world to take part in the 27th Annual Straight Key Night sponsored by AMSAT-North America.

The Straight Key Night operating event is entirely unofficial. There are no rules, no scoring and best of all, no need to send in a log. The only thing that satellite operators need to do to participate is call CQ SKN in the CW passband segment of any OSCAR satellite from 00:00 to 23:59 UTC on January 1, 1999, or answer a Straight Key Night call from another station.

OSCAR Zero, that's the moon, Oscar Zero EME contacts also count. All Straight Key Night operating must take place on CW using a straight hand key.

(AMSAT-BBS)



## Edmond Amateur Radio Society

### Thoughts from Your 1998 C&E Editor

I would like to take this opportunity to thank all of those people who contributed columns to the EARS C&E Articles for 1998. It has been a good year and an active year for EARS. If you have been keeping up with our articles, we have done many things from parades to nets to car shows, with a few dinners thrown in here and there! Special recognition goes to Sharon Thompson, KM5GV; EARS Secretary for 1998, for all of her input to the articles, and to my wife Trish Kuper, KC5YBP for her help.

I look forward to serving you in a new capacity next year as your club president. I'm sure 1999 will bring many good things for EARS as well as amateur radio in general.

73 de Steve K, KC5RYT

### December Board Meeting

The Board and other Club members met at Brick's restaurant on Friday, Dec. 4th. The meeting was opened by VP, Steve Kuper, KC5RYT. The minutes of the Nov. Board meeting were accepted as presented. The Treasurer's Report was also approved.

Lee, KA5WIS reported that the 147.135 repeater is working very well. The buzz on the phone line has been corrected. Final programming is being done on the new controller and is expected to be installed within the next month. The Technical Committee will be installing the tower at its new location behind the building at 28 E. Main.

HF Chairman, Dave, K0TYC indicated that he has received quite a few QSL cards from folks who contacted KC5ORP during the Statehood Day special event. The Club needs 7 more States confirmed to earned its Worked All States. He also reminded everyone of the 10 meter contest on December 12th.

Sherry, KD5CPJ reported that she had received 42 responses to date on Christmas Dinner participation. Five donated turkeys will be cooked. Clara, KG5UG indicated that she needs some volunteers to set up for the Dinner at 3 PM. Bob, KM5GZ said he would be bringing some antennas for display, along with instructions for building them. Lee indicated that certificates of appreciation would be presented at the Christmas Dinner.

The ICOM Funmobile was here Monday Night Nov. 30th and was well received by all.

### EARS Christmas Dinner

On Saturday, Dec. 5th about 3:00 PM, stirrings could be heard at St. John's Seton Hall where little Christmas elves were beginning to set up tables and decorations. A huge row of tables were set up for the food, with expectations of sugar plums, turkeys and delicacies galore. In homes throughout Edmond and Oklahoma City and even beyond, turkeys were roasting, salads were jelling, dressing was baking and pies were cooling.

By 5:30, hungry hams were beginning to arrive. The church parking lots outside were filled to the brim as the church was having other functions at the same time, and potluck dishes were sometimes carried from afar and deposited on the tables inside. The aromas were wonderful as each family contributed to the buffet.

At the door was the Money Team, outgoing Treasurer, Carl, KM5PA, incoming Treasurer, Gary, KD5CPL and Membership Coordinator, Sharon, KM5GV. As folks came in, they paid their donation to the Scholarship Fund, some offered canned food donations for the Hope Center, and many took the opportunity to renew their membership and receive their new card.

It wasn't long before the pangs of hunger were satisfied. Dee, WD5FHR offered thanks for the time together and the food, and folks lined up to fill their plates. A good group was present; a total of 55 people ate that evening and the sounds of conversation and laughter abounded.

Bob, KM5GZ had a table display of simple 2 meter antennas and instructions for building them, and several took the opportunity to examine the gear and pick up some information. We don't call Bob "J Pole" for nuthin'. Bob also had information available for those interested in trying their hand at being a Net Control for the Monday Night Information Net. Several picked up the packet of information, and some signed up for a spot in January.

With so many Net Controllers interested and on the rotation, it's getting to where you have to really be on your toes to secure one of those Monday nights. They're in hot demand.

After dinner, outgoing President, Jim Richardson, N5OHL got everyone's attention for a few announcements. He welcomed everyone, and then had everyone stand. He then asked all those who had received their first ham license within the past 5 years to sit down. Many were eliminated right off. Of the remaining people still standing, he asked for those who had been licensed in the previous 10 years to sit; more were eliminated. On he went. When he got to the last 20 years, there were still about 12 hams standing. Very commendable! 22 years; 24 years; 28, 30, 35, 40? Finally, a Lone Ranger was still standing. Licensed in 1950, Ray Wilson, W5TYR has been licensed for 48 years. Congratulations, Ray.

Recognition was then given to the youngest ham present, with the honor going to Curtis' son, Wesley Foote, KC5ZBX, who is 12 years old. Jim then presented Certificates of Appreciation to various Club members who have served the Club and the community during 1998. Jim then intended to present the Club's first ever Outstanding Ham of the Year plaque, but just as he began, jingle bells could be heard, and a jolly Ho-Ho-Ho and Santa Claus came through the door, with

his sack of candy over his shoulder. The children in the room clapped for joy and moved closer to St. Nick. Jim announced that the award was to go to Lee Vaughn, KA5WIS, but in his absence Santa Claus received the plaque for him?? Hmmm - is that a second white mustache beneath the other on Santa's face??? Santa bears a striking resemblance to someone else we all know and love.

Too soon, it was time to close out the festivities and return to our separate homes. A bunch of people stayed behind to put away tables and chairs, and sweep the floor, and before you know it, not a creature was stirring, not even a mouse. But, as the last car pulled out of the parking lot, you could hear it exclaimed - Merry Christmas to All and to all a Good Night.

### ICOM Visits Edmond

Just after dark on Monday evening, Nov. 30th, a large, decaled vehicle rolled into the parking lot across the street from the Club Station. It was the ICOM Funmobile. ICOM sponsors this roving radio shack, which travels all over the U.S. and appears at various ham fests, radio retailers and other amateur radio events. The Club had been contacted earlier in the month and asked whether we would like them to visit. The answer was a resounding Yes! Their schedule would allow for them to be in Edmond on that Monday, which was perfect for us, since we gather on air that evening for the regular Monday Net. The funmobile pulled in from Springfield, MO, spent the evening with us, and then rolled out again the next morning, bound for Dallas and then on to California.

Club members and other amateurs from the metropolitan area began arriving about 7:00 and soon, the area was crawling with hams of all ages, sizes and gender. An array of antenna was electrically raised on top of the van, and folks poured into the vehicle to see the dozens and dozens of radios of all shapes, sizes and bands. Eyes glazed over and many could be seen penciling in additions to their Christmas lists. Never have so many grown men drooled so much in one place! ICOM's representative, Ray Novak, KC7JPA

demonstrated the equipment and answered at least a million questions.

At 8:00, Net Controller, Carl, KM5PA fired up one of the 2 meter rigs and went on the air, amid a background of murmurs and drool. The excitement was contagious and the Net had its all-time record for check-ins - 77 fellow hams wanting to register their presence, either in person or over the air. This number included 7 out-of-area operators just driving through or contacting the station from towns as far away as Ardmore.

All too soon, the Net was over and folks were heading for their cars. To help in the celebration, one operator, Hai, KM5LK had brought a whole batch of egg rolls from his restaurant and we all had a feast. But soon, those too were gone, the mobile antennas were lowered again, and Ray drove off in the sunset, and most of us now had visions of new rigs under our Christmas tree.

Because of its heavy schedule and the numerous places it is sent, it may be that we will never again have the honor of its visit. But, for now it was terrific and we thank ICOM very much for taking the time to stop by and let us enjoy their funmobile.

### Time to Renew

January - you know what that means! Time to renew your membership in the Edmond Amateur Radio Society. We appreciate all of you who support the Club and its many activities and we look forward to your continued participation.

E.A.R.S. is an ARRL Special Service Club and is proud of its contribution to amateur radio in general, and the local communities in particular. The Club fosters the enhancement of amateur radio through its participation in Field Day, Jamboree-on-the-Air, and its annual Novice/Technician and General licensing classes. A weekly Information Net keeps everyone abreast of local events and announcements.

We serve the community of Edmond by monitoring testing of the warning sirens monthly, opening and manning the shelters during storms, and conducting a Weather Net with storm spotters when needed.

We handle communications for various events, such as OKC's St. Patrick's Day parade, Edmond's 4th of July Parade and Fireworks, UCO Homecoming Parade, Classic Car Show, Edmond CROP Walk and others.

We have numerous social activities throughout the year - picnic and dinner meetings, our annual Christmas Dinner, Field Day activities, as well as Special Events for Statehood Day and 89'ers Day.

And, the Club sponsors the Bertha Watson Memorial Scholarship in conjunction with UCO for students planning on attending that University.

Your membership fee also helps support the 147.135 2-meter repeater, high atop the radio tower at the University of Central Oklahoma.

The membership fee for adults is \$25.00 per year, or \$35.00 for a Family membership. Student membership is \$12.50. Your renewal can be mailed to the Club at P. O. Box 48, Edmond, OK 73083. If you have any questions, please contact Treasurer, Gary Carson, KD5CPL at 751-0006 or Sharon Thompson, KM5GV at 844-6245.

### Welcome to our Newest Members

Kent Bourland, KJ5UI  
Phyllis Bourland, KC5ICV

### Welcome to the EARS Officers for 1999

President - Steve Kuper, KC5RYT  
Vice Pres. - Curtis Foote, KC5GEP  
Secretary - David Hartman, KC5UNO  
Treasurer - Gary Carson, KD5CPL  
Board - Patrick Martin, KD5CPQ  
Board - Judy Johnson, KM5QW  
Board - Dave Storey, K0TYC  
Trustee - Dee Mize, WD5FHR  
EC - Ken Stepp, N5DBM  
C & E Editor, Curtis Foote, KC5GEP

### WANTED! Your articles and comments

Your comments, stories and items of interest are always appreciated for the EARS article each month. If you have something you would like to include, please send your item to the C & E Editor, Curtis Foote, KC5GEP. If you have



access to email, that is the best way to forward your item: [curtis.foote@nextel.com](mailto:curtis.foote@nextel.com). If you have any questions concerning an item, give Curtis a call at 359-6514. Items should be forwarded to Curtis several days before the C & E Deadline. (You will find that date on the back page calendar of each issue). Remember, this is your newsletter and the more varied, the better.

#### Dates to Remember

Friday, Jan. 8 - Board Meeting - Club Station 7:00 PM

Sunday, Jan. 17 - Business Meeting - St. John's 2:00 PM

#### \*\*\*\*GIVE BLOOD\*\*\*\*

Remember, during this holiday season, as always, the need for blood is crucial. Donate at any one of the Oklahoma Blood Institute locations in Edmond and Oklahoma City. On your form, show the Edmond Amateur Radio Society as the group to receive credit for the donation. This will keep our account open with the Blood Institute and will assist members and their families in the event they ever need blood. Give! You will feel good about it, and many folks will be helped.

As we move into 1999, we wish you all many blessings of the New Year - health, happiness and fulfillment in all your endeavors.

73 de Sharon, KM5GV

#### Health and Welfare Report

Hi everyone! We would like to offer our deepest sympathy to Ken Stepp, N5DBM, his wife and family in the loss of their loved one Volney Stepp (Ken's father). May the many fond memories help you through this difficult time.

Joe Watson, W5WBR, his wife has been ill for some time.

Please keep the Stepp family and Mrs. Watson in your prayers. Hope all of you had a nice Christmas, and may the joy of the season be with you through the New Year.

73 de Clara Granger KG5UG

#### Birthdays

Birthday greetings go out to all our club members celebrating birthdays in January!

01-01 KB5UKS	Gary Moore
01-10 KC5YKE	Shondrea Hamlin
01-14 WA5ZKX	Harold Wells
01-15 KC5RYT	Steve Kuper
01-17 KC5YBO	Gail Foote
01-18 WB5SYT	John Thomason
01-23 KA5WAV	Tommie Guinn
01-27 N5PA	Alan Clark
01-28 KB5VQM	Shannon Lytle
01-28 N5KLM	Rick Tasetano

#### Net Control Schedule

The following amateurs have agreed to serve as Net Control for the EARS Monday Night Information Net on 147.135 at 8 p.m. Be sure to tune in and check in to find out the latest happenings. If you are interested in serving as Net Control, please contact Bob Coxsey, KM5GZ.

Jan. 4 <sup>th</sup>	John, WB5SYT
Jan. 11 <sup>th</sup>	Forrest, N5VWF
Jan. 18 <sup>th</sup>	Steve, KC5RYT
Jan 25 <sup>th</sup>	Dave, K0TYC

#### **Allocation at 2 GHz for use by the Mobile Satellite Service**

The FCC has acted to move a step closer in its bid to allocate spectrum at 2 GHz to use by the Mobile Satellite Service. It did so on November 19th by disposing of two petitions for reconsideration and one petition for clarification of the First Report and Order and Further Notice of Proposed Rule Making on its allocation order. This decree affirmed the allocation of the 1990 to 2025 MHz and 2165 to 2200 MHz for Mobile Satellite Service use.

(FCC)

#### **Inverse Callsign Server**

Hams needing extra help in picking out an available vanity callsign should visit the Sunnyvale California VEC website. Gordon Gorton, W6NW, who runs both the VEC operation and the website reports that he now lists assigned calls. This works just the opposite of most callsign servers that have only available callsigns. This way Sunnyvale server gives an applicant

the option of looking for callsigns that are not on the list as potential choices. The page also lists all assigned club station callsigns, has an FCC Amateur Radio database query screen, and other neat features. Its cyberspace address is: [www.amateur-radio.org/vanity.htm](http://www.amateur-radio.org/vanity.htm)

(Sunnyvale VEC ARC)

#### **NY Tower exemption wins**

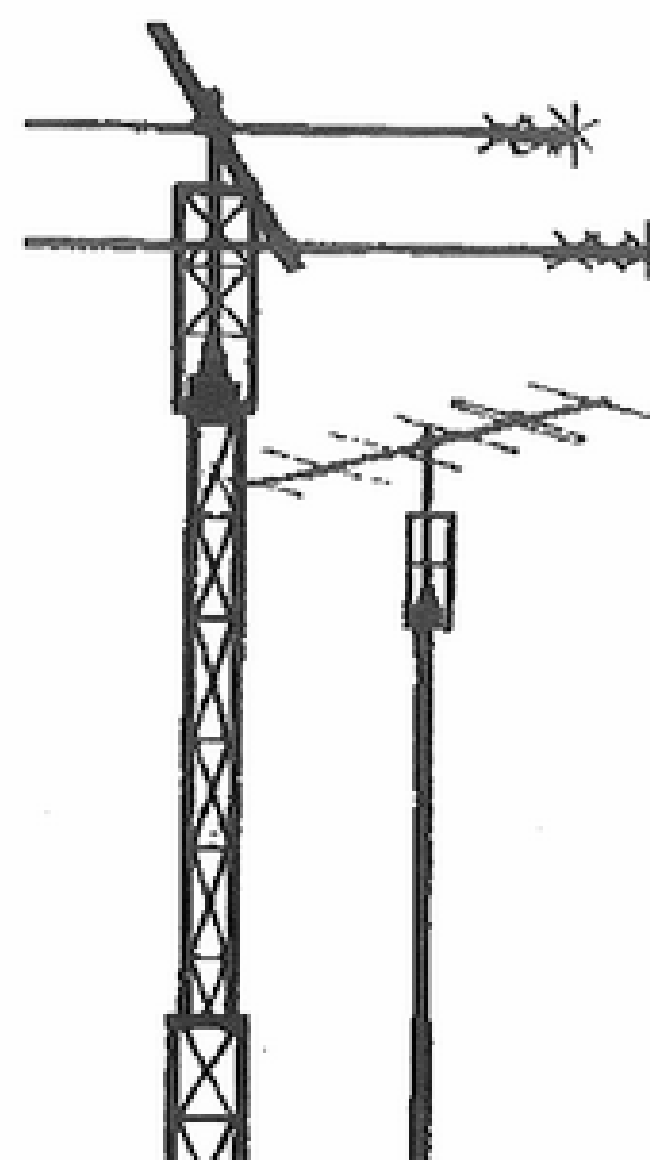
New York's Peconic Amateur Radio Club rallied massive support from amateurs around Long Island to respond to the threat of a new tower ordinance.

The Southold Town Board had previously made it known that it intended to rewrite a local antenna laws to embrace all antenna structures including those used by radio amateurs. But this time the hams had done their homework.

For example, prior to a November 18th meeting, Don Fisher, N2QHV, presented each Board member a copy of FCC preemption order PRB-1. He also gave them a statement from the local Amateur Radio community that voiced concern over being included in the rewrite.

As a result the Southold Town Board was favorably influenced to place a specific exemption in the law for amateur radio towers. Close to forty people participated in what some are calling a rather impressive march on Town Hall.

(Hudson Loop)



## Lee Vaughn, KA5WIS EARS Ham of the Year

It was a very good year...

I want to take this opportunity to recognize and thank all of the EARS members that contributed their valuable time and skills to so many events during 1998.

First of all I want to thank Steve, KC5RYT for serving as vice-president and *C&E* editor. Your help and advice this year has been excellent. I know that as president in 1999 you will do a fine job.

Carl, KM5PA did a fantastic job as treasurer this year, bringing in many good ideas to make everything run smoothly. And what a neat deal you organized with the ICOM fun-mobile on 30 November. Carl also organized the vehicles used during the 4th of July parade and the UCO homecoming parade.

Sharon, KM5GV has been our club secretary now for two years. Your *C&E* articles are some of the best we have seen. Sharon has agreed to work with the new secretary David, KC5UNO in 1999 as membership coordinator. Your skill in organizing the Fall Novice-Tech class was a big factor in the success of the class. During the 4th of July parade, Sharon did a great job as the simplex net control.

Bob, KM5GZ has had a busy year serving as board member. During June, Bob's classic Chevy was put to the test chasing some rather dark storms. I am pleased with Bob taking over the job of Monday Night Net Manager.

Curtis, KC5GEP was our other board member at large. Your technical experience gave a big boost to the Novice/Tech class. Those of you that have not seen what he does with a pair of "slinky's" need to come to the club station.

Dee Mize, WD5FHR has been all over the place this year. As our club station manager he continues to make needed changes and improvements. Dee has been in on every parade I believe plus was an active storm-chaser this summer. I think you got a little too close at one point.

Ken, N5DBM is our emergency coordinator. During the early part of the year it looked like it was going to be a quiet year for storms. But Mother Nature gave use a surprise in June then later in the fall.

Past president Jay, KB5VDH remained active with CORA this year. Thanks for heading up the Ham Holiday registration team. Also congratulations to you and Shannon, KB5VQM on the birth of your son Steven.

David, KC5KJE spent many hours planning and working on the parade committee and was also one of our CORA representatives. Thanks to Ron, KC5QCV for your support as a CORA representative. Thanks to Joyce, KC5NBI the EARS scholarship program went off well this year. Our Edmond sirens test coordinator is Edith, KA5YPX. She stays active in parades, picnics, and dinners. Without your organization the club Christmas party would not be the same.



A big thanks goes to Ken, N5TWC for untold hours spent maintaining the 147.135 machine. Way back in January, Onis, KC5RPC; Terry, KC5GDC and A.C., KA5WGV produced an excellent financial review report.

Special thanks to all that gave their time to make the fall class a big success. Brad, AC5CQ and Alan, N5PA did a bang-up job teaching Morse code. Theory instructors for the class were Dave, K0TYC; Terry, KC5GDC; Earnie, K5YKD; Clarence, KB5RR; Carl, KM5PA; and Harold, WA5ZKX. A

special thanks to Rick, N5KLM for spreading the word on KTOK radio about the class. Clara, KG5UG along with Sherry, KD5CPJ headed up the organization of the Fall Novice/Tech class.

Clara we also appreciate your health and welfare reports at meetings and in the *C&E*. Great job again Clara. With sunspot activity up so has been our club HF events thanks to Dave, K0TYC our HF committee chairman. I look forward to more special events and contest activity at the club station in 1999.

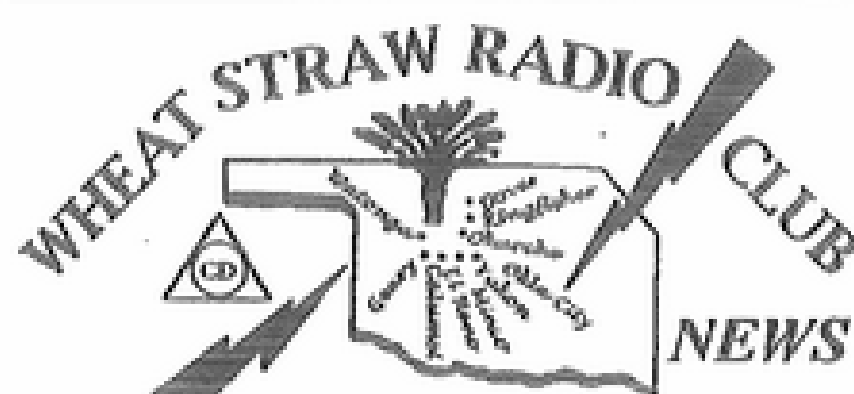
The year would not have been the same without Lee, KA5WIS. Lee participates in just about every event that the club puts on. Heading up three parade events in 1998, Lee stays active in training others on how to prepare for activities that are fun and a public service. Yet at the same time Lee points out that these events give us the experience needed to act in case of a real emergency.

Lee was out there chasing storms during each and every net this year. Another thing that Lee did this year was to attend almost every club meeting and many of the board meetings. Lee is active with the siren tests often as net control. During our June field day he was one of the first ones on site putting up antennas and was one of the last to leave on Sunday after clean-up.

For many years now Lee has continued to improve and maintain the repeater equipment for the club. Once again this year Lee helped to make sure that Santa Claus shows up at the club Christmas party.

Thanks Lee for making out those fine certificates of appreciation on your computer. It is therefore my pleasure to designate: Lee Vaughn, KA5WIS the EARS Outstanding Ham of the Year 1998. Congratulations to all for another excellent year.

Jim, N5OHL  
EARS President 1998



## Wheatstraw Amateur Radio Club

### Minutes

The Wheatstraw meeting and Christmas Dinner were held on December 13, 1998 in El Reno, OK in the Farm Bureau Building. We had a lot of food and plenty of Turkey for all. Everyone enjoyed the dinner and fellowship. We had twenty-one people present. We were looking for more to attend but some were unable to due to illness in their family.

The newest member of the club is Coy. C. Day, the new elected Vice Director of the West Gulf Division. Coy is an Air Force Reserve Col., Retired. Welcome to Coy and his wife Judy to the group. We are happy to have them. They live in Union City. I am sure they will be an asset to the club.

Ray, AB5Z called the meeting to order about 2:30 p.m. After the opening and the minutes were read and accepted and introductions, we honored a very special member of our group. We surprised Johnny Fish, K5GBN with the presentation of a Plaque for his many years of service to the club.

### The Inscription read:

*"John F. Fish K5GBN, For many years of unselfish support to the Wheatstraw Amateur Radio Club. For your help to others through the kindness of your heart. Please accept this token of appreciation of our love and respect. The Club Members, December 13, 1998"*

Johnny is the only charter member that still holds a continued active membership in the club. The Wheatstraw ARC was founded in 1960. Johnny has really been the cornerstone of the club. Over the years, he has served as an officer, President, Vice President, Sec., Treasurer, and Reporter. He has been the one to service the repeater as well.

After the Old Business was taken care of, most of the New Business was the Elections of 1999 Officers. For President Leo, WZ5H nominated Neal Kappus. KC5GTW nominated N5VDY for Vice President. N5KCO nominated Leo Peil, WZ5H. Nominations were closed. Leo Peil was elected Vice President.

Ralph nominated Johnny Fish for Sec/Treasurer. WA5RLP nominated Joe Garland, WA5FLT. WZ5H, Leo nominated Bob Coxey, KM5MGZ. Bob declined because he does not attend enough meetings. Johnny was elected.

For Reporter, Wanda, WC5GTW nominated Ralph, WA5PFFK. Ralph declined due to health reasons. Jimmy, N5VDY nominated Wanda, KC5GTW. Wanda nominated Ernie, KC5VKF and he declined because he works on most of the days we have meetings. Jimmy, N5VDY was elected Reporter with Wanda to help when needed.

The hat was passed for contributions for the children at the Crippled Children's Hospital. The collection was \$93.00, I heard a suggestion to round it off to an even \$100.00. Our club has been doing this for many years. The Volunteer Ladies buy Christmas Gifts for the children for our club.

Our next meeting is to be on January 10, 1999 in Watonga in the Watonga State Bank Community Room. North of Phillips 66 Station; one and a half blocks north, turn down the alley on the West Side of Noble. Ralph is net control.

WZ5H made a motion to adjourn the meeting, and Alice, WA5UEW seconded. Meeting adjourned.

Ralph, WA5PFFK

### Fair Play

A rancher had been taken to the cleaners by a local car salesman, and got all the extras on the vehicle. One day, the car dealer called the rancher and said, "I am coming out to buy a cow from you." The rancher placed the following information on the cow.

Basic cow, \$500.00; Two tone exterior, \$45.00; Extra stomach, \$75.00; Product

storage department, \$60.00; Straw Chopper, \$120.00; Four Spigots at \$10.00 each x 4 = \$40.00; Cowhide upholstery, \$125.00; Dual Horns, \$15.00; Automatic Fly Swatter, \$39.00 Fertilizer attachment, \$185.00. Total cost of cow with all the extras is \$1,204.00.

By Elsie

### Stop, listen to your heart...

If you love life, life will love you back.

The flowers of tomorrow are in the seeds of today.

Don't hurry, don't worry, and don't forget to smell the flowers.

The beauty of any day is reflected in your heart.

Be yourself, who else is better qualified.

### Are you tired?

The population of this country is 230 million, 85 million over the age of 60 years old, which leaves 145 million to do the work. People under the 20 years of age total 103 million, which leaves 42 million to do the work to support the rest.

There are 23 million who are employed by the government, which leaves 19 million to do the work. 4 million are in the Armed Forces, which leaves 15 million to do the work. Deduct 14.5 million, the number of state and city employees, and that leaves 200,000 to do the work. There are 188,000 people in hospitals, insane asylums, etc., so that leaves 12,000 to do the work.

Now it might interest you to know there are 11,998 people in jail, so that leaves just 2 people to carry the load! That's you and me and brother, I'm getting tired of doing everything myself!

### A thought....

It's amazing how much pain a kid can stand if nobody saw him fall down.

### Lonely

She started to get old and her hair's turning gray,

She sits and rocks by her window to pass the time of day.

She's watching for her children and wants them to come home,

Because she is lonesome and blue.

She has relatives and friends around her galore,

But they don't come as they did before.

To them - it hasn't been so long ago,

Only, maybe, a year or so.

So, She sits there alone and patiently waits,  
For St Peter to open the Pearly Gates,  
So she can join her lovedone once more,  
Who waits for her beyond Heaven's Door.

#### It pays to advertise

There was a wise and noble cock who crowed each morn at 4 o'clock, and advertised to all around exactly where he could be found. Now, every biddy in that flock would steal away and meet that cock.

The other roosters sure got sore but he only advertised the more. All the hens with any vim were trying to make a date with him.

So, here's a tip if you are wise—Things come to them who ADVERTISE!

#### Local Call

A Texan in New York stopped to use the pay phone and the operator told him to deposit 50 cents. The man fumed, "In Texas you can call to hell and back for a quarter!"

"Yes sir," the operator answered, "but there, that's a local call."

#### Permission Denied

Joe a patient at the psychiatric hospital, screamed, "I am Napoleon!"

From the next room a voice asked, "How do you know?" Joe replies, "God told me." To which his neighbor states, "I did not!"

#### Team Effort

A city slicker was driving in the country when a deer ran in front of him. To avoid hitting it, he ran his car in a ditch. A farmer came along with a large horse and said, "My horse, Buddy, can get your car out of the ditch." The farmer hitched up the horse and started yelling, "Pull Nellie, pull Clyde, pull Buster, and Buddy, you pull too."

The man was amazed when the horse pulled his car out of the ditch. He thanked the farmer and asked, "Why did you call your horse all of those other names?" The farmer explained, "Well sir, Buddy is blind and if he thought he was the only one trying, he'd never do it."

#### A final word

I am not a comedian, but I do like to make people laugh. It makes life so much better for us all when we laugh. In each issue I have tried to bring a little laughter to each of you over the years. My most enjoyable writing has been about our members sharing births, growing up, and meeting their spouses and families. I also loved writing the stories we shared with each other at our meetings from our childhood's.

One thing that makes me proud is I have never reported anything that would embarrass anyone. Nor have I had any notes that I felt I should leave something out so it might create gossip about the persons involved. I have always tried to keep my reports positive. I am thankful for that.

As you know, This is my last article for the C&E as the club reporter. If I run across something interesting to write about, I think I will. No set time on when that may happen.

I think I got my first license in 1965 and joined the Wheatstraw Radio Club. I found the most caring, congenial and loving group of people I have ever had the pleasure to belong to and be a part of.

*May God Bless You All, bye for now...*

Ralph, WA5PFK



**VHF Club  
NEWS**

**WSLOW**

*Elmer Goekler Memorial  
Station*

## **Oklahoma Central VHF Amateur Radio Club**

#### VHF Club Minutes

The Central Oklahoma VHF ARC held the December 9th meeting at Home Town Buffet, 3900 N.W. 63rd. Meeting was called to order by Bob, W5XHL at 11:45 with 23 present. Treasurer's report was given and approved as was the minutes of last meeting. There was no Old Business and New Business required election of Club officers.

All were re-elected except the President. New Club president is Bill Noland, WA5FWD.

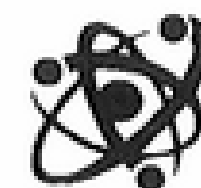
There was a discussion about how interesting the C & E is this month with some revealing that they had not really read it yet. They were advised to check out a few articles including Dr. Dx., really some interesting things in the issue.

It was a tad early to wish A MERRY CHRISTMAS TO ALL!, but we did it anyway.

73, de J. R., KB5WVE

**New and Used Rohn Tower  
12v & 5v Switching Power Supplies  
High & Low voltage Transformers,  
Large and Small**

(405) 524-3770  
PCS 410-4005



**BLACK'S RADIO COMPANY**

RENTAL HANDIE-TALKIES - FREQUENCY MEASUREMENTS  
RADIO TOWERS - AMATEUR RADIO WSJCB

ELMO BLACK

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

## Report From Honduras

A few months ago, I volunteered to work with the Salvation Army Oklahoma City to provide the capability to send test messages by digital means to the next higher headquarters of the Salvation Army in Atlanta. My volunteer assignment was thru Frank, N5FM whom you all know.

In this assignment, monthly I send and receive practice test messages between my station and Quentin Nelson, WA4BZY and relay the results of these practice test to Frank for his reports to the Oklahoma City Salvation Army Station. WA4BZY is a net manager for SATERN (SALVATION ARMY TEAM EMERGENCY RADIO NETWORK) and has been active for several years handling Health and Welfare and emergency traffic, including the recent disaster in Honduras and surrounding countries. N5FM has been an active net control also on the assigned frequency of 14.265. I have not personally handled any actual traffic on digital aside from the tests.

Anyway, I received a detailed report, which was sent to Quent in Atlanta, or Covington GA, his actual QTH.

With that background, KM5QW Judy of EARS suggested I furnish the detail from Betty on actual conditions down there incase you wanted to print it. So here is Quent, WA4BZY approved sending it for circulation.

73 Onis KC5RPC

### *Betty's Report from Honduras*

Just a quick note before we have dinner here with David Lourdes and family. Today, we went to the South part of the country and David, Carlos and Dr. Cesar were taking emergency supplies in the pick-up. Consisting of emergency medicines, food staples such as sugar, rice, cornmeal and beans and clothing. Many of the people in this area have lost absolutely everything and are in dire need for the necessities of life.

When we went to cross the bridge to the town, the bridge was completely out from the Choluteca River rising above 30 meters. I could not believe my eyes, as it

was an exceptionally good bridge and only the pillars remained.

The steel and concrete were across the other side of the river several meters from the bridge. The only way to get supplies across to the destitute people was by boat. The men went across the river in the boat with the emergency supplies and I stayed safely on the shore. After the men came back we went on to Choluteca to see what damage mean old Mitch has caused there. What a shock! It was just unbelievable and seeing is believing.

I cannot begin to describe the destruction. Ken said it reminded him of and looked just like the Earthquake in Guatemala in 1976. One area of the town we went into was damaged, again from the rising river and the people were starting to try to clean up, an impossible task. Where does one begin when most of your house is buried in mud? One man was in his shorts only, was covered in mud and slipping and sliding just like he was on ice. The mud has filled the streets ... many feet high and there is no place to put it.

Just beyond this area, we could not get into it, as the mud was too deep or too high, whichever way you want to say it. The man told us that there used to be all houses there and many streets but it is all buried under the mud. Over 1,500 people lost their lives in this area and their bodies are still buried under the mud.

This same story can be repeated over and over and over again as Mitch has struck the whole of Honduras. Yesterday, we had the opportunity to meet with the British Ambassador to Honduras as he was at a ceremony at El Verbo School. He has been to all four countries and stated that Honduras is the worst with the whole country being struck by Mitch. One's heart just goes out to these dear people. Can you just imagine losing everything you own including family members. Have no place to go in many cases. Many times today my heart has been heavy and my eyes filled with tears. For example, we were walking through debris and thick mud and as I looked up there was a family photo album laying open in the mud. Someone's memories lost forever.

David was giving Ken instructions to turn down a particular street and there was no street. David said, Nothing is the same, everything has changed. Streets that were are no longer. They have just disappeared. Everyplace we looked today is nothing but destruction. Cars buried in mud some even turned upside down.

In Teguci the river took 12 of the big highway buses into it. Some are upside down; some buried and all completely ruined. Many businesses have been lost. The river in the central part of Teguci rose above the hydro lines. I have taken photos of debris sitting on top of the lines that have remained. I have taken many photos but as you know they never tell the whole story.

The roads to and from the South were terrible and many times we had to stop as bridges were out or roads caved in from the rushing waters and they have makeshift roads and allow only one vehicle at a time. Women and children everywhere are walking a long distance to fetch water in their buckets, as most areas have no water or electricity.

Thankfully, where I am staying, at Casa Montes we do have electricity and they are buying water for us to have a shower. Just think, I won't smell so bad when you pick me up at the airport. In some areas the stench is so bad that masks must be worn to cover the nose and mouth.

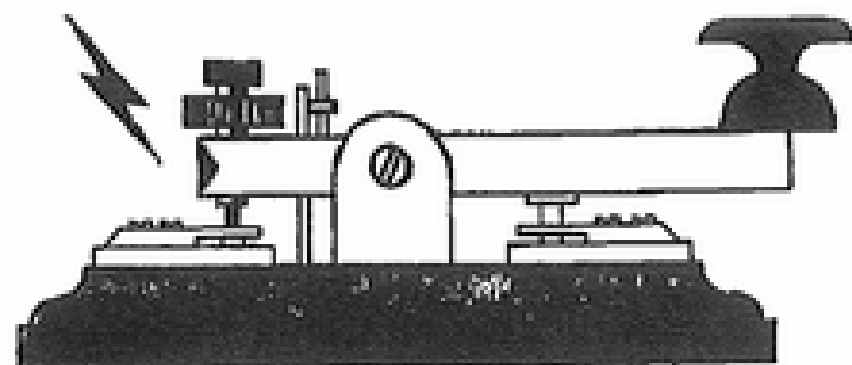
We also have been to the Camp and that is another experience. The people in that area were completely cut off from the outside world for a few days. However, the road is now passable. Between Tegucigalpa and the Camp there were seven bridges out and makeshift roads and bridges are in place for temporary passing. Some of these makeshift roads are scary and also dangerous. We continue to pray for safety as we drive about the country.

Yes, I did confirm that C-sections were performed without anaesthetic. However, they were not at the camp but at the nearby Seven-Day Adventist Hospital that is run by Nationals. Thankfully, there was no damage to the camp and everything there remains intact. The print shop area here sort of looks like a disaster area in itself as David has a lot of used clothing for

## Medical emergency on CW

From: Arley A Garvin, WB5NKC

A local ham, Ron Keeler, sent me his transcript of an actual emergency he was involved in last Sept., during Hurricane Georges where he used CW to get medical help to a Cuban ham (who was using 10 watts). All communication was via 5 wpm CW and via landline. I suggested he write this up for QST. In any case, what a great story -- and it shows how the Cuban and US hams can have "normalized" relations even if their governments can't. And it shows the continued practical importance of CW for Amateurs.



Is that fancy rig on the verblotget (ist nicht gewerken)? Just bang two wires together at 10 watts on a surplus or homebrew rig, that's what some of our neighbors to the south have to do!

Transcript of Transmission:

Tim asked me to post a detailed account of the events last night

I got on my normal frequency of 7111 about 0050z last night and the band was noisy with lots of QRN and QRM. I finally ended up calling CQ on 7110.6. I heard a familiar weak chirpy signal come back to me, it was Julio, CL1PR returning my call. I have had several QSO'S with Julio but have never had a complete QSO because of his weak signal and various forms of noise interference. He uses a 10 watt Russian rig and has a poor antenna system at best his signal is S3 into Texas, last night he was S1 to S2.

Here are excerpts and comments with lots of fill:

0057z de CL1PR r r hello Ron I am fine but Aida my wife is very sick I need ur help hw ?

de CL1PR I cant copy all only the first part sorry I am very desperate pls help me (garbage) last (garbage) de CL1PR

r r tks tks thanks thank you -- she have a strong pain right shoulder es we cant find the appropriate medicine -- Ron u r our last hope she needs Kenalog 40 for injections

I REPEATED BACK HIS NEED

bk cfm cfm cfm bk

bk sorry I am no copy pse rpt qrs

bk r r ok because of storm - is an under (garbage ) on right shoulder Kenalog is a steroid necessary for the only (garbage) in filtration - hw ?

ok qrm qrm sorry I cant cpy u pse rpt qrs qrs hw ?

ok r r u will contact Red Cross - ok if you want I will send u my address bk

de CL1PR r r ok om ron my address  
Julio Alvarez  
Decicias 596  
Pina Del Rio  
Cuba (garbage) 20100  
hw ?

bk qrm too strong qrm bk

bk pse pse rpt all bk

I HAVE TOLD HIM TO STAY ON THIS  
FREQ AND WAIT FOR MY CALL

bk r r r r ok on this freq hw ? de CL1PR

(I went to QRZ and Buckmaster to see if I had his address right but neither had it)

I called the Texas Red Cross talked with a very concerned woman who couldn't think of any way to help. She finally got me a phone number for the Cuban Red Cross. I got an AT&T operator involved, she connected to the number, it was a bad number. I asked operator to contact Cuban information. The Cuban spoke very little English and would not give out number. I got AT&T language assistance involved. Re-contacted Cuban operator in Spanish, finally got the number and had operator connect us directly to Cuban Red Cross.

AT&T operator dropped off (big mistake), the Cuban man spoke broken English and I speak no Spanish took about 15 minutes, but finally got message across to him. He was very cooperative in spite of language barrier.

0250z - called CL1PR

WB5!!! came back - wanted to rag chew !!!! - I told him to QRX for emergency

called CL1PR again -- Julio came back - told him I had contacted Cuban Red Cross

de CL1PR (garbage) abt Red Cross contact ?? -- what must I do ?? bk

bk ok but there is non that medicine -- pse (garbage) way ?? de CL1PR

bk cfm ok I cpy u bk

bk ok ok Ron - we appreciate ur help because Aida cant move her right arm - Im afraid it (garbage) de CL1PR

bk sorry qrm qrm pse rpt

FOR THOSE UNFAMILIAR WITH THE  
7110 AREA THERE IS A FOREIGN  
BROADCAST STATION THAT  
TRANSMITS FROM 0300Z TO 0330Z --  
JULIO AND I WERE FIGHTING THAT  
QRM - I DID NOT WANT TO TRY A  
QSY FOR FEAR THAT I WOULD  
LOOSE HIM

bk fb on u tell me that call Cuban Red  
Cross or International Red Cross (garbage)  
Aida bk



ok ok - Ron u tell me something (garbage)  
de CLIP4R -said if tell me something abt  
a phone?

I HAD ASKED HIM IF HE STILL HAD  
PHONE SERVICE

bk it is too long to explain om Ron - I dont  
have one - if u want pse send a letter to my  
address bk

HE MISUNDERSTANDS ME -  
THOUGHT I WANTED TO CALL HIM  
ON PHONE

bk pse rpt all

bk ok ok om ron - do u have my address?  
bk no no no the Red Cross will contact to  
sorry I rpt - hv the Red Cross contact me

HE WAS CONFUSED ABOUT  
SOMETHING -I AM NOT SURE WHAT

bk sorry I cant understand - the Red Cross  
have my address ?? de CLIPR

0330z FOREIGN BROADCAST  
FINALLY STOPS - I REPEAT  
MESSAGE ABOUT CUBAN RED  
CROSS COMING TO HELP

bk tnx tnx - so I insist if you want send me  
a letter - it is more private to talk - ok ?

bk ok I will be waiting for ur letter om ron  
es I will send a letter? De CLIPR ok om  
Ron send ur address ok bk

bk r - I got (HE REPEATS MY  
ADDRESS) -- is this ok? HE GOT IT  
PERFECT!!!

bk ok om Ron - one million of thanks fer  
all ur help and aid - Eduardo says we  
appreciate ur help - tks tks a lot (garbage)  
ever need from me I will help u ur  
condition -- are unconditional -- best  
wishes 2 u es booger (MY CAT! - HE  
REMEMBERED FROM A FORMER  
QSO!!!) bk (garbage) u the same 4 u from  
all my family bk de CLIPR

r r ok om friend Ron I need rest to - I will  
take a bath - tnx 73 73 es 88 from Aida 7e  
WA0REE de CLIPR dit dit

TIME 0413Z - 3 HOURS TOTAL  
DURATION!!!

ALL OF THIS OCCURRED AT 5 WPM  
OR LESS - NEVER LET ANYONE  
TELL YOU THAT SLOW SPEED CW  
WILL NOT GET THROUGH THE  
WORST OF CONDITIONS.

73 Ron, WA0REE

Update on CLIPR emergency

For those who remember during hurricane  
Georges I had a QSO under terrible  
conditions with Julio - his wife needed  
medicine and none was available - I  
contacted Julio just a few minutes ago for  
the first time since then.

His wife has been in the hospital, she just  
came home today. Julio has not been on  
the air since the hurricane, he was able to  
get some medicine from KB4TFF in  
Miami - I was not able to determine if the  
Red Cross was any help or not - conditions  
were terrible again

We have a schedule to try to meet again  
tomorrow on 7110.30 at around 0200z  
plus or minus - please feel free to listen in  
if you want who ever you are KB4TFF -  
thank you.

Ron, WA0REE

*Editor's Note: I received this story in three  
different e-mails from Arley, and have had  
no direct contact with Ron, WA0REE. I  
have taken the text and edited it for capital  
letters and obvious spelling errors. Other  
than that this is as it came to me.*

*This is one of those stories that remind us  
that not everyone has the modern  
communications that we here in the United  
States have.*

### Report From Honduras (Con't)

distribution and it is being sorted here into  
bags for ladies, men and children.  
Students from one of the schools were  
here to help sort the clothing. All of the  
Schools have been closed for the balance  
of the year. They were due to close at the  
end of November for vacation and re-open  
in January.

If anyone should ask what they can do the  
greatest need is money as the cost for  
transportation is so high and there is also  
difficulty within the country of getting to  
many of the areas. Therefore, money can  
be donated to help the Honduras Disaster  
and we, ICAC, certainly would appreciate  
any gifts for the work here with MCM-  
MCI. You can vouch for that!

DAVID JUST RECEIVED A  
TELEPHONE CALL AND IT HAS NOW  
BEEN CONFIRMED THAT THERE AT  
14,000 DEAD!

I do trust this report has been sufficient, as  
there is so much to tell I have just touched  
the surface. Excuse the typing errors, as  
many of the keys are different on this  
keyboard and I still cannot find brackets  
etc.

God's blessing to all and continue to pray  
for Honduras and especially David and his  
workers here at MCM-MCI.

Love  
Bettyann

## Amateur Accessories

"Our Name Says It All!"

**STEVE ZAHOS KR4S**

• Hamfests

• Mail Order

MFJ, Heil, MAHA, Diamond, Books, Kits, Etc.

P.O. Box 29201  
Kansas City, MO 64152

(816) 891-6790  
(816) 891-0036 Fax  
E-Mail: szahos@tfs.net





## Broken Arrow Amateur Radio Club

### December Meeting Minutes

The club meeting was called to order, or at least some semblance of what we would like to call order at 6:35 by President Jeff Scoville. Jeff has been our president for the last year and has done a very good job of keeping our meetings on track, in order, and with his knowledge of amateur radio has helped keep our activities for the last year very productive. On behalf of the club I'd like to say 'thank you' - it has been a pleasure for me and I've learned a great deal over the last year as club secretary.

Harlan Kinney, K9GDK read the treasurer's report.

### Committee reports:

*Engineering* - Chuck Myers, KK5IC has completed repairs to the .47 antenna but we need a phasing harness to finish the job. The engineering committee will determine the next logical steps to complete the antenna repair.

A question was asked about the telephone patch on the 47 machine. Jeff reported it is still unavailable due to the need to run the phone line. This will be done once the antenna repair is done so we can get the phone patch up and running at the same time.

The executive committee decided to kick off a voluntary contribution program to upgrade the DVR for the .91 machine. This will allow us to update announcements on the machine faster and provide information in a more reliable manner. We needed \$200 to purchase the machine and to date \$195 has been pledged.

*Packet report:* The W5BBS machine is down due to a hard drive failure. Additionally the Sapulpa machine is off

the air and Mike Foster, WA5TXX is working to get both back in operation.

*ARES:* It's been quiet, thankfully. No major activity.

*VE report:* One person tested successfully and is currently waiting on his call sign. Welcome aboard and welcome to the world of amateur radio.

*Net Reports:* Wayne, KK5AT reports the nets are working well. He'll be contacting others and asking for additional volunteers to run some of the weekly nets. Any and all interested parties can contact Wayne, anytime, day or night to volunteer for one of the prestigious and rewarding positions.

*New business and/or announcements:* The Christmas party will be held on the 14th at the China Star restaurant in Broken Arrow at 6:30 p.m. By the time you read this, it will be over, so I'll report at this time - everyone will probably have had a good time.

The meeting was then opened to general discussion. One item of note is that the TARC will be installing a 6-meter repeater. It's going on the air soon and can be found at 52.15 MHz on your radio dial. It then came time under new business to elect the officers for next year.

After all the campaign speeches, the parties, the mixers, and paying off all the lobbyists, Guy Richey, WA5QDG made a motion to elect the nominees as listed. Bob Mitchel, W2CSL, seconded that motion. This motion was passed by the club membership.

The club officers for 1998 will be:

President: Wayne Hartsfield, KK5AT  
Vice President: Joe Horn, KC5VPO  
Secretary: Jerry Pascal, KC5JKU  
Treasurer: Harlan Kinney, K9GDK  
Director: Mike Foster, KA5TXX  
Director: Mark Hogan, N5OBC  
Director/Repeater Trustee:  
Nick Marsala, AB5M

Congratulations to the new and retaining officers.

Wayne, KK5AT made a motion to thank the outgoing group for their work in 1998

and all their accomplishments during the last year. That motion was seconded by the general membership.

The meeting was then adjourned.

Submitted by,

Joe Horn, KC5VPO  
BAARC Secretary

### New Officers Elected!

Officers for the 1999 calendar year were elected at the December meeting:

President: Wayne Hartsfield, KK5AT  
Vice President: Joe Horn, KC5VPO  
Secretary: Jerry Pascal, KC5JKU  
Treasurer: Harlan Kinney, K9GDK  
Director: Mike Foster, KA5TXX  
Director: Mark Hogan, N5OBC  
Director/Repeater Trustee:  
Nick Marsala, AB5M

Congratulations and good luck to all!

### Christmas Party

The annual BAARC Christmas party was a lot of fun for all. The party gave us the opportunity to spend some social time together and honor those that have made contributions to the club throughout the year. Certificates were given for outstanding service to over 15 club members. We also recognized three "Hams of the Year": Mark Hogan, N5OBC; Wade Harris, KF5IF; and Jeff Scoville, KC5RTH. All three of these guys have been instrumental in keeping the club equipment running, planning and carrying out the various club events (such as Field Day), and even adding new stuff "in their spare time". Hats off to these three members who show what it really means to "be a Ham".

Special appreciation was given to both Steve Bradley, KB5ZSD and Chuck McGeechie, KD5DRZ for their continuous support of the BAARC through Broken Arrow Emergency Management. We can thank them for the efforts in obtaining two awesome repeater sites, gaining attention for the club through the printed media, and always being willing to help out. Thank you Steve & Chuck!

### Looking for Articles

Have an article? Have an idea for an article? Send it to w5bbs@juno.com or give Jeff a call at 251-0132 (if Jeff's not around, leave a message). As always, contributions to the BAARC section of the CORA newsletter are welcome!

### Packet BBS Update

Unfortunately the W5BBS packet BBS succumbed to some hard drive problems during early December. To compound things further, the Sapulpa 145.05 node (SAP05) blew a power amp. The messages that appear on the W5BBS packet bulletin board system must travel through the SAP05 node first, so W5BBS is temporarily "out of touch" with the rest of the world. Mark Hogan, N5OBC is installing a new hard drive on the W5BBS and Mike Foster, WA5TXX is working with Bob Buford to get the SAP05 node back in working order. We will pass on the good news once everything is back in working order again.

As always, we thank Mark and Mike for their extraordinary efforts in keeping the packet bulletin board system up.

### Statewide APRS Meeting Scheduled

for January 9th

A date of Saturday January 9, 1999 is set for a meeting with the OKC APRS group. This is to be an informal lunch to discuss APRS in Oklahoma. All are welcome to attend. If you are/not using APRS this is a good opportunity to meet new people and learn about APRS.

If you would like more information, etc., contact Mike Cox, KI5DF in the Tulsa area.

### An Antenna Project

*By Wade Harris KF5IF*

Greetings,

I have been asked to try and build a new phasing harness for the 145.470Mhz Repeater antenna. I have never done this but believe that I can. I have all ready figured out how to this, but it will take some trial and error to get it working properly. I will need several items to complete this job, including some transmitting type 72 - 75 Ohm Coax (RG-9 or 11). It must have copper conductors,

no aluminum. It would be better if it was of a known brand and model that we could get the Velocity factor from the manufacturer.

I will also need several other things like good quality coax connectors and "T" adapters. I will not need these at first, only for the final assembly. Some other things that we will need are:

1. High voltage rubberized electrical tape.
2. Information on the desired spacing between each element in inch's or feet. (feedpoint to feed point).
3. Three (3) high quality (not Radio shack) UHF "Tee" connectors.
4. Eight (8) High quality (Not R. S.) PL-259 connectors. A few Spares would be nice for testing.
5. 1\_N Type to PL-259 adapter for the actual antenna installation.

Now I have one more problem facing me (us) for the completion of this project. I have no test equipment appropriate to this frequency. If I could, I would like to borrow a low power VHF SWR meter, A Stable VHF Signal Generator, and a Frequency Counter, a service monitor will work also if you have one propping open a door some where. It might be possible to use a MFJ-259 type of antenna analyzer, But I'm not certain if it is stable enough or if it has enough "band Spread" tuning to accurately place it on 145.470 Mhz (+ / - .001%) and keep it there for extended amounts of time. Given enough time I could buy this equipment ( and probably will) but the need for this harness is immediate.

I believe that we can do this in a day or so but I'm planing for a good weekend. It would be beneficial to our club If we can pull this off because the only alternative that We know of is to buy it custom made for 200 to 250 dollars. This may not seem like a whole lot but if we can learn to do this then we could use the skills for future club projects.

Let me know if you can help to make this happen for the club. If we can at lest get some cheep cable to test with, I'm sure the club could buy the rest.

Wade Harris, KF5IF

(Wade can be reached at 355-3176 or via email at kf5if@juno.com)

### Quick Club Repeater Reference

#### 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)

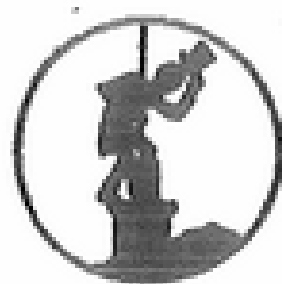
VHF ..... 145.470 -600 Offset  
W5BBS Local Packet BBS  
..... 145.03 Simplex  
AUTOPATCH \* up # down on all machines  
REDIAL/RADIO MUTE..... \*\* and \*3  
on all machines  
ATV (Cable Channel 60)  
.....439.25 Mhz Simplex



KK5AT, Wayne, has the following for sale:

1. Kenwood TS450SAT, Built in Tuner, Matching Power Supply and Speaker (Like New In Original Boxes)
2. Kenwood MC85 Desk Mic (Needs Mic Cable)
3. Motorola Spectra (800Mhz with Mic)
4. Motorola Maxtrac - 32channel VHF
5. Motorola Maxtrac - 32channel VHF
6. Motorola Maxtrac - Low Band/2channel
7. Motorola Maxtrac - 16channel UHF
8. Rib Box and Cable
9. Tucker Antenna Tuner/300watt (meter needs repair)
10. Motorola Maxtrac - 2channel VHF

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



## THE VILLAGE CHIMNEY SWEEP

- Chimney Cleaning & Repairs
- Chimney Relining
- Chimney Caps & Dampers
- Ultra Air Filters
- Power Washing
- Deck Maintenance

**VIRGIL MARSH**

**(918) 455-3374**

Broken Arrow, OK

**KC5FCE**

K5FRI, Tom, is looking for an operating manual for either the Icom IC-2410H or IC-2410A. He can be reached at 918-486-4811.

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

### STOLEN AMATEUR EQUIPMENT

Wade, N5PHV had his truck broken into at his home in Owasso, OK. Please be on the lookout for the following:

**ICOM IC-706 S/N # 006457**

It was mounted on a mobile hump mount and has an upgraded RF tuning module on the back of the unit. Please get this message out to anyone who may be able to help locate this equipment.

Thanks, Dan Sitterley KA3GRJ

OARC President

[www.galstar.com/~dsitter/oarc1.html](http://www.galstar.com/~dsitter/oarc1.html)

### Search and rescue

Sierra Vista, Arizona ham radio operators were called out this fall on a search and rescue support mission. This after a two year old boy wandered away from home. Bob Holister, N7INK, is the Cochise County ARES and RACES Officer. He was there and has this report:

Cochise County ARES / RACES Unit was activated at 8:45 Tuesday evening on the 8th of September to assist the Cochise County Sheriffs Office Search and Rescue Unit. The unit deployed the emergency response van to an area near the Cochise County / Graham County line north of Wilcox, Arizona to assist in locating a lost 2 year old boy. The little boy had wandered away from home at about 5 in the evening and could not be found by

family members, so they contacted the Sheriffs Department.

Elements from Graham County Search and Rescue, Wilcox Fire Department, Arizona Department of Public Safety, Arizona Department

of Corrections Dog Team, U.S. Forestry Service, American Red Cross, Civil Air Patrol, and many other organizations assisted in the search. In all over 75 personnel participated.

Bob Hollister, N7INK and Ron Dewillers, W1YYO spent the evening manning the radios in the ERV and assisting in keeping track of search teams as they continued their work through the night. A total of 8 amateurs were involved either through active participation in the field coordinating relief efforts, or preparing for deployment if the search went longer.

There is a happy ending. Bob reports that as hams were showing up to man the day shift on September 9th, the lost boy was located by one of the county Search and Rescue teams.

(KC7GTZ)



### Remember When ...

A computer was something on TV  
from a science fiction show of note  
a window was something you hated to  
clean...

And ram was the cousin of a goat....

Meg was the name of my girlfriend  
and gig was a job for the nights  
now they all mean different things  
and that really mega bytes

An application was for employment  
a program was a TV show  
a cursor used profanity  
a keyboard was a piano

Memory was something that you lost with  
age

a cd was a bank account  
and if you had a 3 1/2" floppy  
you hoped nobody found out

Compress was something you did to the  
garbage

not something you did to a file  
and if you unzipped anything in public  
you'd be in jail for a while

Log on was adding wood to the fire  
hard drive was a long trip on the road  
a mouse pad was where a mouse lived  
and a backup happened to your commode

Cut you did with a pocket knife  
paste you did with glue  
a web was a spider's home  
and a virus was the flu

I guess I'll stick to my pad and paper  
and the memory in my head  
I hear nobody's been killed in a computer  
crash  
but when it happens they wish they were  
dead

(I wish I knew who wrote that charming  
one! For now, lets  
just say: Source: anonymous)



## Oklahoma City Autopatch Assn

### Minutes of OCAPA meeting for 17 November 1998.

The meeting was called to order by the president of OCAPA, Glenn Massey, N5WNL. There were twenty-three members present.

#### Secretary's Report.

The minutes were read and approved.

#### Treasurer's Report.

The treasurer's report was given and approved.

#### Technical Committee

The committee went to the repeater site and checked the Hard Line. The input is 50 watts at the base, and 8 watts at the antenna at 1200 feet. That's about what it should be. The trouble is with the antenna or antenna harness. It's about 20 years old, and is due to be replaced.

In view of that, two motions were passed. Motion one, that Brad Nelson, KJ0W, investigate the prices and specifications of medium priced vertical antennas. Motion carried.

Motion Two, The technical committee has the authority to spend up to \$250.00 to purchase a vertical antenna and install it ASAP. Motion carried.

The present antennas date back to a time when OCAPA tried to put out the biggest signal in Oklahoma. They are high gain 2 meter yagi antennas, which are fine for long distance coverage but have both horizontal and vertical nulls locally.

We will be going with vertical antennas which will not have as much gain, but will not have the gaps in coverage that presently exist.

#### CORA Report.

Hal Miller, KB1ZQ, reported that the Enid ARC will join CORA effective 1 January 1999.

CORA has received inquiry from Elk City ARC about CORA.

The club was informed that CORA is going to consider raising the cost of the C&E. It has stayed at .40 cents an issue since the early nineties. Talk it up and let our CORA Reps know what you think.

#### AMSAT Report

Tom Webb, WA9AFM, reported that Phase 3 D has completed all its tests and is now back in Florida, waiting for a launch platform.

There is a new satellite transmitting in English, French, and Russian, Sputnik 41 is on 145.812.

#### DX Report

The bands have been opening up. From OKDXA: Dxpediton from Angkor Wat, Cambodia. The call will be XU1A, and they will be on all bands from 6 to 160 meters using CW, SSB, and RTTY. *Frank Smith, AH0W*, an OKDXA member, will be part of the team at Angkor Wat.

#### Oklahoma Baptist Disaster Relief Organization

Don McDown reported about Oklahoma Baptist Disaster Relief. They are presently recruiting new members. If you are interested contact Don McDown, N5ENQ, (405) 732-6749.

#### Christmas Party

The Club confirmed Hometown Buffet at I-240 and Western as the site for the Christmas Party on December 15, 1998. The party starts at 6:30 PM.

We need to know how many are coming. RSVP to Glenn Massey at 631-2731 or Forrest Rush at N5VWF@aol.com.

#### See you at the Party!

Respectfully Submitted  
Forrest Rush, N5VWF  
OCAPA Secretary

#### VK ATV loss

Australian hams are about to loose some prime spectrum used for Amateur Fast Scan television over to digital television. Graham Kemp, VK4BB, of Q-News has more:

ATV repeaters get the chop. Australian Broadcasting Authorities have announced that channel 35 will be required for digital television and the Australian Communications Authority (ACA) has advised the WIA that AT repeaters in Lange Cove and Spingwood in VK2, Spring Hill in VK4, Halerin Hills in VK5, Olinda in VK3 must cease operation at the end of 1999.

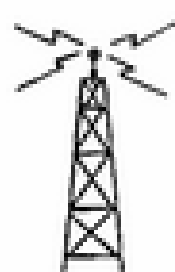
What will happen to Amateur Fast Scan Television and where its users will relocate are not known as we go to air.

## CLEAR SIGNAL PRODUCTS, INC.

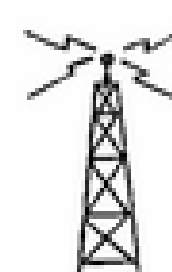
Featuring the WIREMAN™ line as listed in QST

Serving the Amateur Radio Community

Coax . Rotor Cable . Antenna Wire . Magnet Wire



2015 E. Willow Creek Terr.  
Mustang, OK 73064-6146  
(405) 745-WIRE (9473)



## ADA AMATUER RADIO CLUB

Happy Holidays from the ADA AMATUER RADIO CLUB. Our regular monthly meeting was held at the Salvation Army Headquarters on December 5th at 09:23, local time there were 13 members in attendance.

It was time for the election (railroading?) of club officers a motion to elect those currently nominated to their respective offices was made and seconded.

The election proceeded and the following members were elected to these offices unanimously.

Pres: Scott Renes, KD5AJL

Vice Pres: Charles Eiter, KC5TGA

Treas: Finis Hallmark, KM5RZ

Sec: Danny Coffey, KM5LB

The club financial report was read by the members and approved.

The new club rosters will be printed when all the dues are collected and it can be determined who is current also the new three digit numbers for the phone patch system will come out with the new roster.

Our club station at the Salvation Army Headquarters now has another new computer for packet and other uses.

Please don't forget that our January meeting has been moved to Saturday the 9th because of the holidays.

Recently Nancy, KD5AYN lost her father who lived in Kansas he had been an amateur radio operator for almost 50 years. We all want to pass on our condolences.

Also it was mentioned that Ken, KB5STW has a weather node he is willing to setup for our area, hopefully this will be a welcome addition to our digipeater system.

KM5RZ was telling us about changes the Arbuckle Club are going to make on their 147.150 and 145.230 machines. They are moving both machines to a new tower location on a 1200ft tall hill, with a tower height of 500 ft in the Arbuckle mountains

south of Davis. This should give them a powerful signal for the weather net that is heard on these machines.

Lone Grove is planning on moving the 147.300 machine to a new location south of Fittstown, OK on top of one of the tallest hills in the area on a very tall tower. This should make for great coverage to the south of Ada to Tishmingo where things have been marginal in the past. They have also offered some digipeater space on this tower we will take this up at later meeting.

We adjourned early at 09:55 local as we had guest who was there for testing.

We hope everyone had a wonderful Christmas and a Happy New Year so long from ADA.

ADA ARC

Sec D Coffey, KM5LB

### The Good - The Bad and the FCC

The FCC crackdown on alleged jammers and other Part 97 offenders has taken yet another weird twist. This with the establishment of several sites on the world wide web seemingly dedicated to thwarting the FCC enforcement effort.

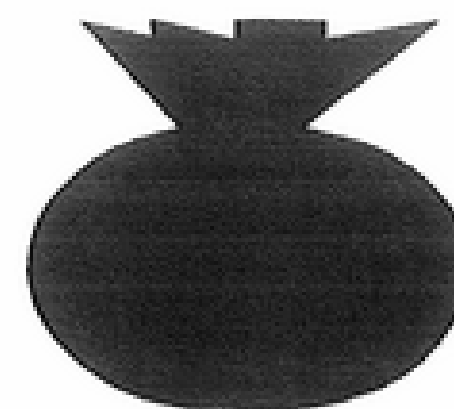
While it is impossible to say who is really sponsoring the web locations, the rhetoric seems the same at most of them. The majority claim that everyone has the constitutional right to do and say what they want on the ham bands. Some reportedly go so far as saying that the government can do nothing to stop what the majority in the ham community see as malicious interference.

And on one website there was even a scanned copy of an FCC letter to an alleged violator. The letter appears authentic and is signed by W. Riley Hollingsworth. Hollingsworth is the Legal Advisor to the FCC's Compliance and Information Bureau and the point man

in this latest enforcement effort. It details the complaints and advised the alleged violator to call Hollingsworth's office to discuss the matter.

Meanwhile, several Internet bulletin boards are becoming filled with rhetoric from supporters of those believed to be targeted by the government for enforcement action. The words posted urge everyone to ignore the FCC and continue to operate on the air in any way that they wish.

(Newsline, Usenet)

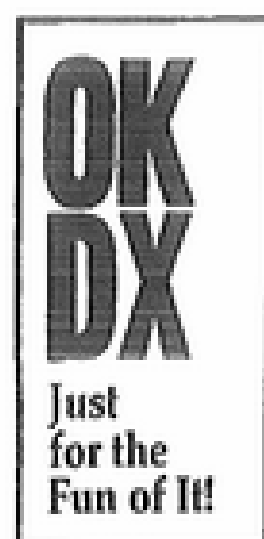


### Auction brings big dollars

What is the radio spectrum worth? Its often been said that every hertz of the RF spectrum has a finite dollar value. But how much are the bands, especially the VHF and UHF bands really worth?

You can get a good idea from a recent FCC VHF Public Coast Service auction. This auction began a year ago. After forty-four rounds it raised almost eight million dollars per MHZ in bids for the U.S. Treasury.

(FCC Release)</p>
</div>
<div data-bbox="512 755 886 775" data-label="Section-Header>
<h3>Nolen's Accounting & Tax Service, Inc.</h3>
</div>
<div data-bbox="578 773 819 786" data-label="Text>
<p>"Professional Service With A Personal Touch"</p>
</div>
<div data-bbox="598 792 797 806" data-label="Text>
<p>James H. Nolen, EA, ATA, ATP</p>
</div>
<div data-bbox="644 811 753 859" data-label="Text>
<p>DEL CITY<br>4700 E. Reno<br>Del City, OK 73117<br>(405) 677-6026<br>FAX (405) 677-7023</p>
</div>
<div data-bbox="512 852 627 898" data-label="Text>
<p>SOUTHWEST<br>2717 SW 44th<br>Okla. City, OK 73119<br>(405) 682-0461<br>Fax (405) 682-0461</p>
</div>
<div data-bbox="769 852 884 899" data-label="Text>
<p>MUSTANG<br>400 W. Highway 152<br>Mustang, OK 73064<br>(405) 376-2646<br>Fax (405) 376-2646</p>
</div>
</div>



## OKlahoma DX Association

### *From Da' Prez...*

By Bruce Burnette, K5PX

Bruce is still spending all his spare time in Santa's Workshop handling warranty repair and RMA claims. Gotta' watch the polarity marks on those small parts...

- KC5QVV

### *Secretary / Treasurers Report...*

By Mark Byard, N5OG

Our membership renewal efforts have ended for another year. On September 30<sup>th</sup>, the end of our 1997-1998 Associational Year, we had 106 members. Now, at the official end of our 3-month renewal period for 1998-99, we have 82 members and several new members. This makes for a 77% renewal rate, which is actually pretty good! Considering the Ruggieri family with three OKDXA Members moved back to California and Nate Bargmann, NØNB (ex-KAØRNY) moved to Wichita, we could justify saying that we've had an 80% renewal rate. That is downright good! I want to thank our membership for their faithful support.

### Welcome to our New Members

Sam Leslie, W5AG is the recipient of a guest membership courtesy of Dave Horn, W5AO. Sam is from Albuquerque, NM, and formerly from the Okmulgee area.

Another new member is Mark Chouinard, KC5RRF, son of Jerry, K5YAA. Mark has spent a hitch in the US Army and will be returning from Italy soon.

Jim White, W5CY from Enid became a new member this fall and we welcome Jim to the Association! If you hear Sam, Mark or Jim on the air, be sure to key up and say Hello...

### E-Mail Updates & Changes

Anderson, Wade K5TN

k5tn@worldnet.att.net

Chouinard, Mark, KC5RRF

kc5rrf@hotmail.com

Leslie, Sam W5AG

dleslie@aol.com

Morford, Robert KA5YED

bmorford@rli.net

Smith, Frank AHØW

cqdx@earthlink.net

If you'd like your new or revised e-mail address added to the OKDXA club roster, or published here, please contact mark Byard, n5og@poncacity.net

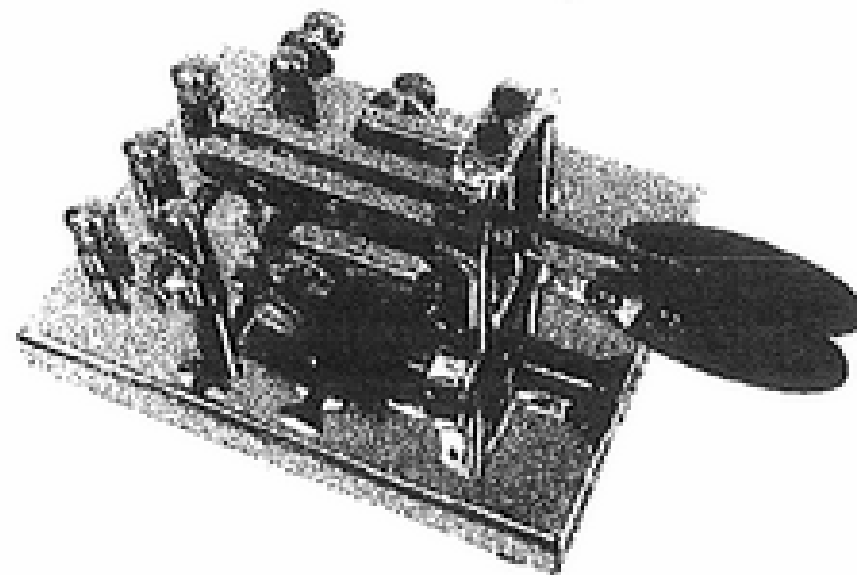
### OKDXA Stuff

Remember... The OKDXA Net now meets every Saturday morning on 3860 kHz at 9:00 AM. The morning propagation has made the OKDXA Net both enjoyable and profitable. Listen for us on Saturday mornings (except for major contest and HamFest weekends) on 3860 kHz, +QRM.

### Miscellaneous

Congratulations to Coy and Charlie, Jr.

Two of our OKDXA members are now ARRL representatives. Coy Day, N5OK, who served as our OK Section Manager for 3 years, has become our new West Gulf Vice Director. Coy appointed Charlie Calhoun, Jr., K5TTT as ARRL Section Manager for the balance of the term. Congratulations to both Coy and Charlie!



### CQWW Contest QSL Routes

Just a reminder that Pascual, EA5EYJ, maintains a very comprehensive listing of QSL routes for those stations competing in the CQWW contests. His web site is

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

If you would like to update a route or ask questions you can contact Pascual at

[ea5eyj@arrakis.es](mailto:ea5eyj@arrakis.es)

### W5 QSL Bureau Notes

W5 Bureau manager, Gerald Floyd, N5FG, reminds all 5-Land Hams to be sure to provide labels if you are ordering envelopes from the W5 Bureau.

### *OPDX Bulletin Internet Edition...*

The Ohio/Penn DX PacketCluster

Editor Tedd Mirgliotta, KB8NWOPDX

Bulletins 386 & 387

### **ZL9CI, AUCKLAND ISLANDS**

A December press release from Lee, ZL2AL, indicates there are only 4 weeks to go before the excitement of ZL9CI activity begins. (this means they could be active by the time you read this. - ed) The heading for Auckland Island was incorrect as it should have read Campbell Island. OPDX was informed the original press release erroneously said Auckland Island.

### **KP2, U.S. VIRGIN ISLAND**

Slavek, OK1TN continues to be active as KP2AD. Slavek's callsign from the U.S. Virgin Island should have read KP2AD not KP1AD. Sorry for the scare. We are sure many of you wished it was KP1.

### **8Q, MALDIVES (Update/Reminder)**

Lee, GØULN, will be active as 8Q7LE from the Maldives December 22nd through January 12th 1999. He will be active using SSB on 14,260 and 21,260 kHz (also 10/17/40/80 meters). QSL via the bureau or to his home call of GØULN.

### **9G, GHANA**

Michael, WK6O is currently here and helping Missionary friend Sidney Barnes, 9G1TB. Michael say he recently operated in the CQWW CW Contest and made over 2,000 QSOs on the 10 meter band using Sidney's call. He will soon receive his own call of 9G5MG from the Ghanaian Radio Frequency Board in Accra. The G.R.F. Board has given Michael permission to use Sidney's call while waiting. He plans to do more CW operating before he returns back to California in January. All QSLs for 9G1TB and 9G5MG should go to WK6O. Please do not send cards to Sidney, 9G1TB via the Ghanaian QSL bureau, nor via Sid's home address. QSL only via WK6O to have cards verified and confirmed. The address is: Michael W. Gaude, 18642 Oak Ridge DR., Santa Ana, CA 92705 U.S.A.

### **ANTARCTIC ACTIVITY**

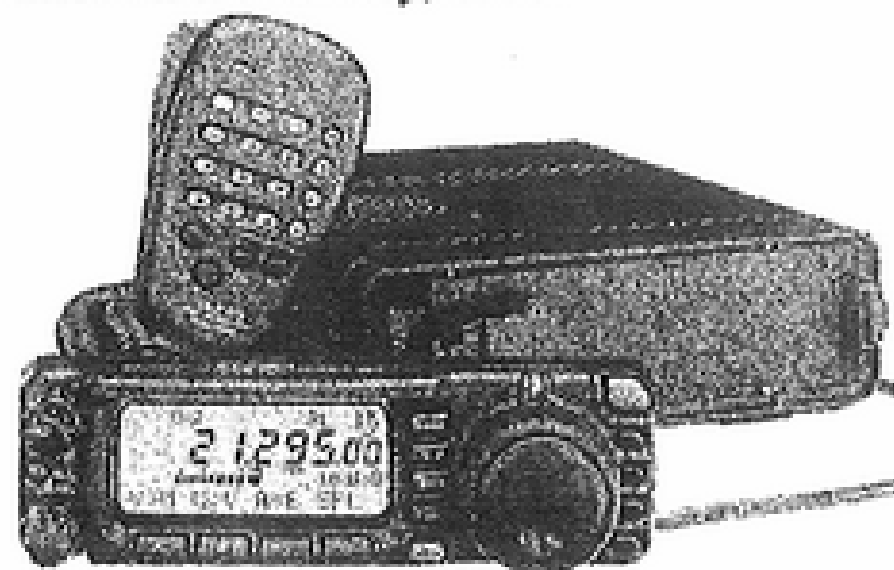
Sarah, KC4AAD, is active from Siple Dome, Antarctica a few nights a week with her QSL Manager Bob, K4MZU.

They can be found on 14,270 kHz after 0100z. Sarah's signal tends to be weak as she is running about 100 watts into a dipole. QSL to K4MZU.

Oleg, UA1PBA, is active as R1ANF from the club station at Bellingshausen Base for one year on King George Island. His activity has been on 30 Meters between 0200 and 0400z. Also check 20 Meter CW starting around 2330z. QSL via RK1PWA.

### A3, TONGA

Lee, A35VR (ex-VP2VE, 3D2VA, K3RGD), is now active from the QTH of Paul, A35RK. He has been very busy on 10 Meter CW (28,025 kHz) and has been heard on 12 and 30 Meters. Lee will be there until February, 1999.



**FT5ZH, AMSTERDAM ISLAND DXPEDITION** (Excerpts from the WA6KBL press release) Eric, F5SIH and Mehdi, F5PFP on Amsterdam Island continue to be very active. The pile-ups are still huge as they concentrate on the popular bands and modes. They have reportedly assembled their WARC antenna and will be active on those bands. They also announced they have begun RTTY operations. They ask the DX community to understand that they are on a very small scientific and military base with a fixed meal schedule and must QRT at about 1400z or they will not eat. They do not have their own food or cooking facilities, so please don't criticize them.

### QSL INFO AND NEWS

QSLs for WH7/K9NW (Hawaii) are via WW9DX (Western Wisconsin DX Association) direct or via the bureau is "OK". The direct address is: WWDXA, PO Box 411, La Crosse, Wisconsin 54602 (WWDXA states, "It seems to be taking forever to have this updated at the FCC... And, yes, we WILL get caught up on the

'97 contacts as well. Please no second requests.") Thanks! 73, WWDXA

**J3A QSL'S** Don, K2KQ, reports that he has been receiving QSLs for J3A, both SSB and CW. ALL QSLs for J3A, both CW and SSB go to **WA8LOW**. Under no circumstances send QSLs to K2KQ. Your response will be delayed if you do, as Don will collect them and send them to WA8LOW. Don also states that QSLs for the CW operation will be a picture QSL card which have not yet been designed. Please be patient!

**NEW QSL MANAGER** Paolo, IK2QPR, has been reported to be the new QSL Manager for UAØYAY who is operating from Zone 23. 5V7A QSLs. Roger, G3SXW, reports the 5V7A operation netted nearly 16,000 QSOs. QSL cards are being printed now and will start to flow before Christmas. The QSL Manager is GM4FDM: Tom Wylie, 3 King's Crescent, Elderslie, Renfrewshire, PA5 9AD, Scotland or via bureau. Their special E-mail request system for a bureau reply is very popular. Please access the QSL request form on their Web site at: <http://voodudes.com> or E-mail QSL requests to [5v7a@voodudes.com](mailto:5v7a@voodudes.com). Note that 5V7A cards are NOT via G3SXW, and that personal 5V7 and 9G5 cards go only to home callsigns as published.

**Franck, FK8HC** was active in the ARRL 10 Meter Contest this past weekend. QSL via VK4FW or direct to: Franck Petitjean, P.O. Box 7636 Ducos, 98801 Noumea, New Caledonia.

**BQ9P LOGS ARE ON THE WEB!** Go to: <http://www.qsl.net/bq9p> Tom, N4XP, has announced that as of Tuesday, December 8th, all KH9 (Feb 1998) and ZK1XXP QSLs received direct have been mailed with the exception of those received at WA4YBV in the past 7 to 10 days. If you have not received your card(s) and they do not arrive in the next week, contact Tom via E-mail [n4xp@juno.com](mailto:n4xp@juno.com) and he will research the contact. Bureau cards will be processed after a short pause. The QSL route for station **EC1BXI** in the CQ WW SSB Contest and ARRL 10 Meter Contest is via G4RRA (Bureau) or Callbook (direct).

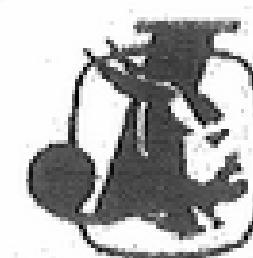
**WB2CJL - SILENT KEY** It has been reported that Robert Dow, WB2CJL, one of the editors of the VK2SG RTTY DX Notes, has become a Silent Key due to a heart attack on the last weekend in November. He was 68 years old. Robert reportedly issued his last RTDX Bulletin on November 19th. His signature motto at the end of each bulletin was "REMEMBER, DX DON'T SLEEP." The OPDX and OKDXA extend their condolences to the family.

### SPECIAL EVENT

The General Secretary of the Yugoslav Amateur Radio Union, Mr. Srecko Moric, YU1DX, announces that six stations in Yugoslavia will be active to celebrate 800 years of the Hilandar monastery on Mount Athos. Listen for the following stations with these special prefixes:

4N800H	Hilandar monastery (HQ station)
YU800G	Gracanica monastery
YT800FG	Monasteries on Fruska Gora
YZ800R	Ravanica monastery
YZ800MO	Ostrog monastery
YU800S	Studenica monastery

A YU-SV team is trying to get a license to work from Mount Athos. Stations will be active until March 31, 1999. Activity will be on all modes including RTTY, on all HF and VHF bands. Stations will also be active during contests. All QSLs go to YU0SRJ (P.O. BOX 48, 11000 Beograd) or via bureau.



### UN, KAZAKHSTAN

"The 59(9) DXReport" states that Valery, UN3G, has a permit for 6 Meter CW and SSB at 175 watts which is good until September 10, 2001.

### VU, INDIA

Miku, VU2WAP, has been very active on 75 Meters in December. Activity has been between 3785 and 3795 kHz from 0045 to 0200z. US stations on the East Coast report hearing a big signal from Miku. QSL direct only via the callbook address: Manoj Agarwal, 44/1E, Fairfield Layout, Race Course Road, Bangalore, 560001, India



**XT, BURKINA FASO**

The "DX News Sheet" reports that Mike, F5RLE and Joel, F5AOW will be active from February 7th to March 1st as XT2OW and XT2DM. Mike will operate CW and Joel SSB using an IC-706 at 100 watts. A two element beam will be the antenna for 20-10 Meters with a G5RV on the other bands. Listen for activity on the WARC bands as well. QSL via F5RLE.

**XU, KAMPUCHEA**

The "DX News Sheet" reports that F5NRY is active as XU5NRY on RTTY. His length of stay is not known. QSL via home call.

**YO DX HF CONTEST RESULTS**

Ciprian, YO3FWC informs the OPDX that the final scores of the 1998 YO DX HF Contest are now available at this web site: <http://www.qsl.net/yo3kaa> The updated Romanian Ham Activities and YO CallBook are also available.

**A NOTE FROM EC1BXI**

(With 10 Meters coming on strong as the solar cycle improves, this should be of interest to many DX'ers - KC5QVV)

Dear Sir: I am Dr Jorge Fernandez Devesa and my call is EC1BXI. In very few days 10M-ARRL Contest is going to take place. As you know novices and technicians have additional points per QSO. But they also have band restrictions in their licenses. To make easier finding Spanish novices in the ten meters band it will be very nice if you can write in the OPDX some lines about where 10m contest operators should try to find Spanish novices. Here is the info: Spanish novice stations in HF use the prefix EC

EC1-EC5, EC7 count as Spain (Europe)  
EC6 count as Balearic Islands (Europe)  
EC8 count as Canary Islands (Africa)  
EC9 count as Ceuta & Melilla (Africa)

Spanish novice stations segments in ten meters are:

PHONE 28.900 - 29.100 Mhz

CW 28.100 - 28.150 Mhz

Many EC's will be QRV for the ten meters contest. We cannot operate in lower freq. so we will be waiting the visit of full 10m band authorized amateurs in 28.100 CW or 28.900 SSB. We will be very pleased if

you can also include USA novice & technician segments in the ten meters so we can try SPLIT operation to QSO them. Please recent info about this segments will be very useful for us. Thank you for your help Mr Mirgliotta. 73 and hope to listen you in the 10m ARRL contest. Good DX.

**DXPEDITION THRILLS & CHILLS ON AMSTERDAM ISLAND**

Sat, 12 Dec 1998 10:39:55 -0800 (PST)

Re: FT5ZH / Amsterdam Island

We Have Good News...

1. The operators on Amsterdam Island are now monitoring 50.110 MHz USB 24 hrs a day for a 6 Meter band opening using a beam antenna pointed towards Europe.
2. 160 Meter CW operations have begun.
3. The 30 Meter dipole has been installed and they are now active on 30 Meters.
4. Although there is NO WAY to check whether you are in the log while they are on the Island, there will be a web page for log checks after their return in January courtesy of F5CCO.
5. There is hope for amateur radio. A few days ago I was trying to work them on 75 Meter phone, not to chat, but as a new band for me. I have a low Inverted V so I am not strong on this band. I thank a very kind Big Gun 80 Meter DX'er who relayed to Eric that I was on and trying to get through. I made the contact and was a true S-7. PLEASE try to help rather than hinder with insults and jamming. It really makes the hobby worthwhile.
6. The operators have been shifting their schedule from day to day. Sometimes you can find them on from 2200Z-0130Z working North America long-path, but sometimes they are sleeping at this time.
7. Propagation is poor right now with a Boulder A Index of 20. This should improve by the end of the DXpedition.
8. They are looking forward to RTTY next week and a day favoring Low Power and antenna-challenged hams. They are trying to spend more time in the US General Class segment of 20 Meters above 14.225.
9. They have logged more than 22,000 contacts so far.

And Bad News...

1. Nothing heard on 6 Meters.
2. They have made a real effort at the right times to work both Europe and

North America on 160 meters. No stations have been heard on this band. Apparently their local noise level is very high.

3. They have become extremely frustrated with European Hams who persist in calling on top of stations they are trying to work. They also report that some Hams are not considerate enough to wait for their prefix area to be called. In the cold, windy, and rainy weather of Amsterdam Island the operators are tempted to QRT or QSY out of frustration from the pileups. Please help them work more stations by listening for your turn instead of transmitting on top of a station they are calling. This is most important on CW.
4. Some Hams are working them as many as four times on the same band and mode. This is taking up time that could be spent with someone trying to make their first (or only) contact.

73s and good luck,  
Jeffrey Pawlan, WA6KBL

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

**Doctor DX...**

An early portrait of Doctor DX

Dear Doctor DX:

What are your New Year's Resolutions?

- 1) Learn how to work DX in my sleep.
- 2) Learn how to work DX when awake.
- 3) Find a cure for Egg Nog flatulence.
- 4) And speaking of flatulence, get K5PX to write something by next month...
- 5) If you drop the 5 from N5OG, What's left, Huh? Ever think about that ???
- 6) Think up better stuff for the Page Four Filler in the OKDXA newsletter.
- 7) Date a red haired nymphomaniac who owns a liquor store...
- 8) If #7 works out, forget #1 through #6.

**Solar Activity in Review – 1998 – A Positive Trend!**

Month	Average solar flux	International sunspot number	Smoothed sunspot number
9711	99.5	39.3	35.0 (+3.9)
9712	98.8	41.5	39.1 (+4.1)
9801	93.4	32.3	43.7 (+4.6)
9802	93.3	40.7	48.9 (+5.2)
9803	109.2	54.8	53.4 (+4.5)
9804	108.3	53.3	56.5 (+3.1)
9805	106.7	56.9	59.3 (+2.8)
9806	108.4	70.6	(62.7 predicted, +3.4)
9807	114.0	66.2	-
9808	136.0	91.7	-
9809	138.3	92.9	-
9810	117.2	55.6	-
9811	140.1	73.6	-
9812	145.1 (1)	86.4 (2)	-

- 1) Average based on the daily 2000 UTC (2800 MHz) solar flux.  
 2) Unofficial, value. The official value is typically 20-35% less.

Our Monthly C&E Special from Your Friends at  
**FUBAR ShaZamaHamaTronics of Broken Arrow**

**THE AMAZING  
 POLYMORPH 500 Mk II ANTENNA**  
 ( Year 2000 Certified / Y2K OK ! )

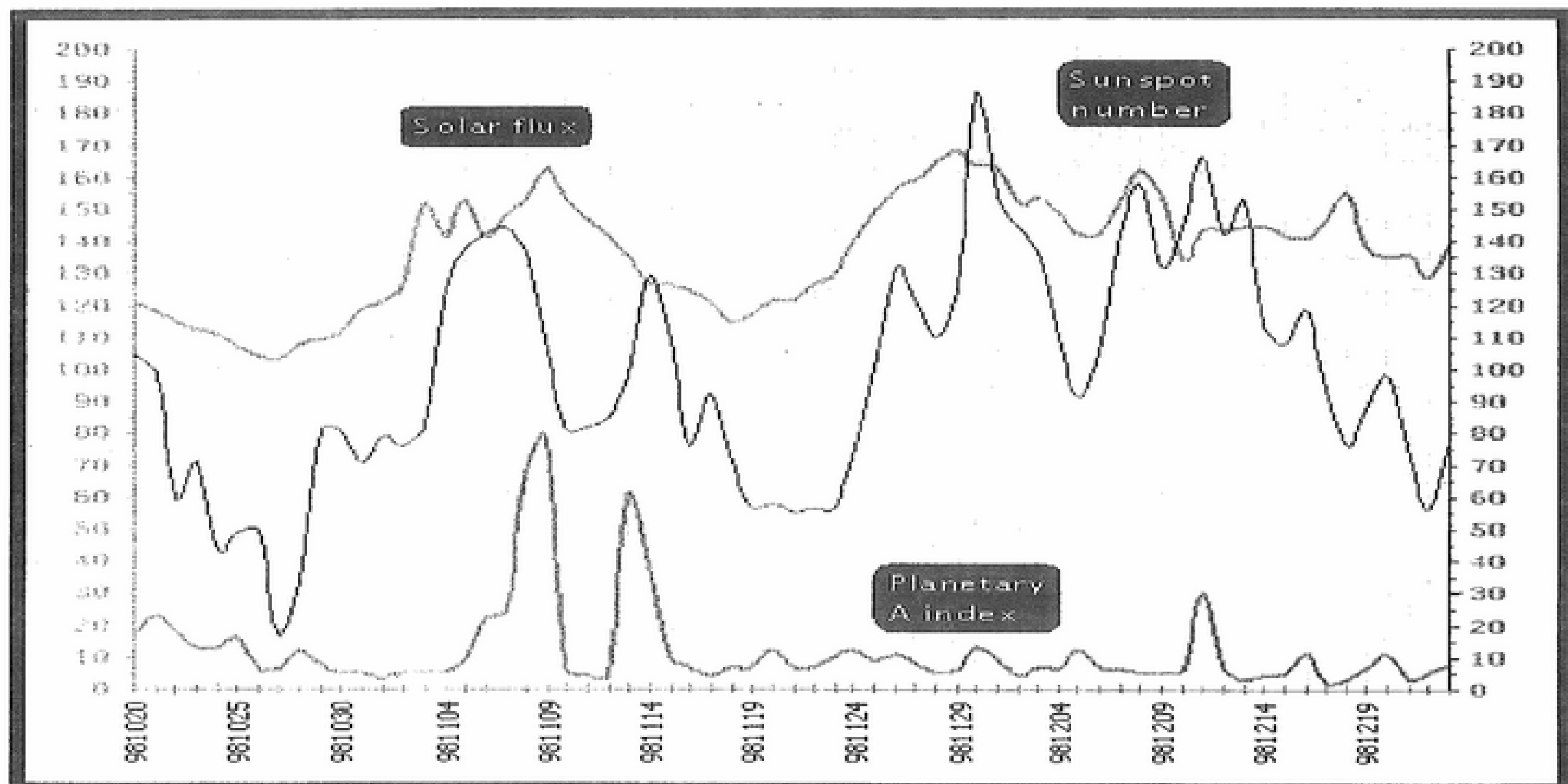
NEVER BEFORE OFFERED AT THIS LOW PRICE !  
 Imagine ONE antenna that fits ANY QTH, works with  
 ANY RADIO, ANY MODE, and ANY BAND !!!

The AMAZING POLYMORPH 500 Mk II antenna is a  
 Dipole, Zepp, Double Zepp, Extended Double Zepp, Vee-  
 Beam, Folded Dipole, Loop (both Square and Delta)  
 Rhombic, Sterba Curtain, Fishbone HAD, Beverage, or  
 Terminated Long Wire PLUS MANY, MANY MORE !!!

**Don't Miss Another DX QSO – Order Yours Today !**  
 500' spool 12 gauge THNN only \$129.95

**CALL 1-900-I-AM-A-LID TO ORDER**

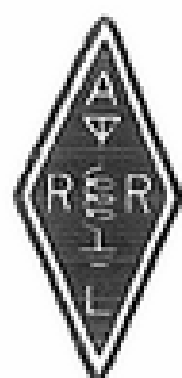
Visit us on the Web at <http://www.freerepublic.com>



This chart is updated several times daily by The DX Listeners Club of Kristiansand, Norway – <http://www.dxl.com/solar>

Want to become a member of the OKDXA? Contact Mark Byard, N5OG, 504 Foster Ave. Ponca City, OK 74601-2519  
 Have some DX News to share? Contact Nelson Derks, KC5QVV, 13410 South 128<sup>th</sup> East Ave. Broken Arrow, OK 74011  
 E-Mail to: [n5og@poncacity.net](mailto:n5og@poncacity.net) or [kc5qvv@gte.net](mailto:kc5qvv@gte.net) – Visit the OKDXA Web Page <http://www.poncacity.net/n5og/okdxa>  
 OKDXA Net – Every Saturday Morning at 9AM (except major HamFest & Contest weekends) – 3860 kHz +QRM

*Best Wishes for a Happy, Healthy and DX'cellent New Year from*  
**THE OKLAHOMA DX ASSOCIATION**



## A. R. R. L. Bulletins

### ARRL Bulletin 106

December 22, 1998

#### *ARRL seeks 1998 Instructor of the Year nominees*

The ARRL is seeking nominees for the 1998 Instructor of the Year award. The ARRL promotes 4 awards each year to those people who have helped others obtain the dream of becoming a ham radio operator. These people donate countless hours to introducing others to ham radio. You or your club can be instrumental in obtaining the recognition that these people deserve.

For nomination forms, send an email message to [jwolfo@gang@arrl.org](mailto:jwolfo@gang@arrl.org). In the subject line write "nomination form." The form is also available via the ARRL Web page. The URL is <http://www.arrl.org/ead/award>. Fill out this simple form and send or email it to your ARRL Section Manager by January 31, 1999. A list of ARRL Section Managers can be found on page 12 of the January issue of QST.

Applicants are placed in one of four categories and judged by a group of Educational Advisors.

Winners will receive a plaque and be featured in the ARRL Letter and the Educational Activities Newsletter. Winners will also be announced in QST.

### ARRL Bulletin 105

December 18, 1998

#### *FCC acts in alleged exam, license fraud cases*

The FCC has acted in several Amateur Radio cases where it appears that individuals attempted to obtain an Amateur Radio license or upgrade by fraud or misrepresentation.

On December 14, the FCC downgraded two amateur licensees and canceled the ticket of a third in Michigan. Busted from Advanced to Tech Plus were Lawrence A. Repp Jr., N8HFN, and Alan E. Quirie,

KA8ZRR. The FCC pulled the Tech Plus ticket of Steven A. Penn, formerly KC8HUM. The FCC had not updated its database as of December 17.

The Commission said the three filed amateur applications claiming to have taken Amateur examinations at Oak Park, Michigan, on June 3, 1997, at an ARRL VEC session. The FCC says its evidence shows that the three did not sit for the exams. It says their names "were added and signatures forged, sometime after the tests were administered, by one of the four examiners." That examiner--the father of one of the exam candidates involved--reportedly forwarded the session package on behalf of the VE team to the ARRL VEC for FCC filing.

The FCC said that three of the examiners knew nothing of the scheme. The other three VEs brought the situation to the attention of the ARRL VEC and the FCC. The FCC said it would act in the case of the fourth examiner by month's end. The Commission also is looking into possible enforcement action against another ham whose name was added to the list after the test session but whose application never was submitted to the FCC.

The FCC also dismissed two amateur applications in Puerto Rico after the applicants failed to reply to FCC inquiries. In the case of Jose R. Velez-Rivera, an FCC official said it appears that an imposter tried to change another amateur's call sign, address, and date of birth to his own to get a license without taking an exam. In the second case, the FCC dismissed the renewal and General class upgrade application of Hector A. Santiago, WP4DCB. An FCC official said it appears Santiago tried to renew as a General when he only had a Novice ticket.

Velez-Rivera and Santiago were notified by the FCC October 23. The FCC updated its database this month to reflect the dismissals.

### ARRL Bulletin 104

December 4, 1998

#### *Northwestern Division Director Mary Lou Brown, NM7N, SK*

Northwestern Division Director Mary Lou Brown, NM7N, of Anacortes, Washington, died December 3, 1998. She was 71. Brown was just re-elected without

opposition to a new two-year term on the ARRL Board. Her husband, Bob, NM7M, reports that Director Brown collapsed and died at Los Angeles International Airport, apparently after suffering a heart attack. She was returning from Australia where she had just taken part in the Lord Howe Island, VK9LX, DXpedition.

DXpedition member Nick Hacko, VK2ICV, called Brown was "the most-liked person" on the DXpedition. "Although I knew Mary Lou for only a few days, it was very clear to me and to the other Lord Howe operators that she was an exceptional person," he said in an Internet posting after learning of her death. He said Brown helped out with all phases of the operation and deserved "a lot of credit for helping the rest of us get a great lot of enjoyment out of our trip."

Brown has been the ARRL Northwestern Division Director since 1995 and was a vice director from 1990 through 1994. She also served as a member of the ARRL Executive Committee.

ARRL Executive Vice President David Sumner, K1ZZ, said Brown was held "in the highest possible esteem" by her peers on the ARRL Board. He noted that Brown was elected to the Executive Committee after just one year as a director, and was re-elected twice. "Her enthusiasm for Amateur Radio extended beyond organizational affairs to on-the-air operating, especially operating with friends," he said. "Anyone who was fortunate enough to be able to call Mary Lou their friend--and their numbers are legion, all over the world--knows the true meaning of friendship."

Brown received her doctorate from Columbia University. Before retiring to Washington, she taught physical education at the University of California at Berkeley and served as department chairperson.

Funeral arrangements are incomplete.

Northwestern Division Vice Director Greg Milnes, W7AGQ, accedes to the position of Director. Milnes also was just re-elected to a new two-year term. The vacancy in the position of Vice Director will be filled in due course by appointment by President Rod Stafford, W6ROD.

## ARRL Bulletin 103

December 4, 1998

*New 1999 WIAW Operating Schedule*

Effective January 2, 1999, the WIAW code practice and bulletin schedule is changed. What follows is the complete schedule of times (in Eastern Time) and modes:

Time (ET)	Mode	Days
9 AM	CW Slow	Wednesday, Friday
9 AM	CW Fast	Tuesday, Thursday
4 PM	CW Fast	Monday, Wednesday, Friday
4 PM	CW Slow	Tuesday, Thursday
5 PM	CW Bulletin	Daily
6 PM	Digital Bulletin	Daily
7 PM	CW Slow	Monday, Wednesday, Friday
7 PM	CW Fast	Tuesday, Thursday
8 PM	CW Bulletin	Daily
9 PM	Digital Bulletin	Daily
9:45 PM	Voice Bulletin	Daily
10 PM	CW Fast	Monday, Wednesday, Friday
10 PM	CW Slow	Tuesday, Thursday
11 PM	CW Bulletin	Daily

Visitor Operating Hours are 10 AM to 4 PM ET, Monday through Friday.

## Frequencies (MHz)

CW: = 1.818, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 147.555

DIGITAL: = 3.625, 7.095, 14.095, 18.1025, 21.095, 28.095, 147.555

VOICE: = 1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, 147.555

CW frequencies include Morse Code practices, Qualifying Runs and CW bulletins.

CW Slow = Slow Morse Code practice = 5 - 7.5 - 10 - 13 - 15 WPM

CW Fast = Fast Morse Code practice = 35 - 30 - 25 - 20 - 15 - 13 - 10 WPM

CW Bulletin = Morse Code Bulletins = 18 WPM

Digital Bulletin = BAUDOT (45.45 baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Inquiries regarding this new schedule may be directed to WIAW, 225 Main Street, Newington, CT., 06111, or via e-mail: [mailto:wlaw@arrl.org](mailto:mailto:wlaw@arrl.org).

## ARRL Bulletin 102

December 3, 1998

*League files "restructuring" comments with FCC*

The ARRL has filed formal comments in response to the FCC's proposed streamlining of the Amateur Radio rules. The League delivered its comments to the FCC December 1, the final day for comments in the FCC's Notice of Proposed Rulemaking in WT Docket 98-143.

The League's filing promotes the ARRL Board of Directors' restructuring positions, adopted last July and fine-tuned at a special meeting in October. It also takes the FCC to task on a few points. The ARRL said the FCC's NPRM failed to contain "a comprehensive license restructuring proposal or even an overall review of license restructuring" and generally "missed the mark."

The League called on the FCC to adopt the ARRL Board's restructuring plans as the centerpiece of its streamlining efforts. Among other things, the League plan calls for eliminating the Novice and Tech Plus licenses to reduce the number of license classes from six to four. The ARRL plan automatically upgrades current Novice and Tech Plus licensees to General. The General license would become the entry-level ticket to HF. Existing Novice and Tech Plus HF CW bands would be "refarmed" to provide additional phone spectrum for General, Advanced, and Extra class licensees.

The FCC also proposed a four-tier license structure, eliminating the Novice ticket and melding existing Technician and Tech Plus licensees into a common database while allowing current Novices and Tech Pluses to retain their current operating privileges. The ARRL said the FCC was on "the right track" in proposing to eliminate the Novice ticket. But the League said its "instant upgrade" plan for Novice and Tech Plus operators is a better approach because it permits "refarming" the underutilized Novice HF subbands. The League called refarming "critical to any comprehensive license restructuring proposal."

The FCC's NPRM sought comments on the issue of Morse code testing and requirements but offered no specific proposals. The ARRL called for a reduction in the number of Morse code examination tiers from three to two--5 and 12 WPM--and changes in the written examinations to make them more relevant and with greater emphasis on current operating practices and newer digital technologies. The League also recommended that the number of written exam questions "increase incrementally" for all license classes above Technician.

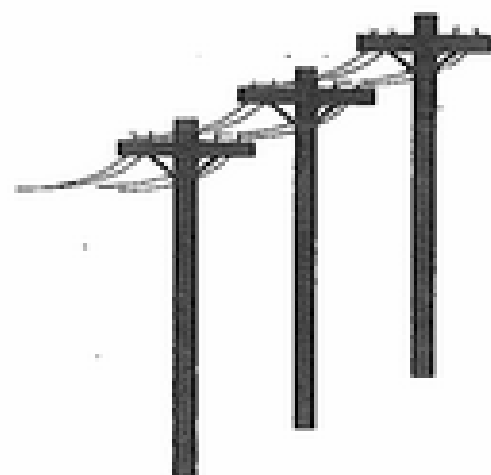
The League said that Morse code should not be overemphasized in the licensing process, but should be continued as a licensing requirement above the entry level. It has proposed that General class applicants pass a 5 WPM code test, while Advanced and Extra applicants pass the 12 WPM code test. Subsequent to release of its original restructuring plan, the ARRL Board also decided to ask the FCC to permit Technician operators to use Morse code on the General class HF CW segments without passing a specific code examination.

The ARRL said acknowledged abuses of the CW disability exemption process were an enforcement, not a testing, issue. For those claiming a disability waiver for the higher-speed CW test, the League urged testing accommodations as a preferable alternative. The League also urged an end to multiple-choice CW exams and rules specifying that a passing grade for a Morse examination be either 70 percent correct answers to 10 fill-in questions or one minute out of five of solid copy.

The League also praised the "new dawn" in amateur enforcement undertaken within the Compliance and Information Bureau by Riley Hollingsworth, K4ZDH. The ARRL suggested that it would be "reasonable to withhold any further action on amateur enforcement" for now and let the CIB continue its work.

The ARRL's comments stressed the value of increasing participation in the hobby and making it available to more people. "By increased participation, Amateur Radio can provide even more service to the United States than it does currently, with a simpler licensing structure," the League asserted.

A complete copy of the ARRL's comments in WT Docket 98-143 is available on ARRLWeb at <http://www.arrl.org/news/restructuring/> (see "ARRL's Comments to the FCC on WT Docket 98-143"). Reply comments on the FCC's rulemaking proposals are due January 15, 1999. The FCC is not expected to take action on restructuring at least until sometime next spring.

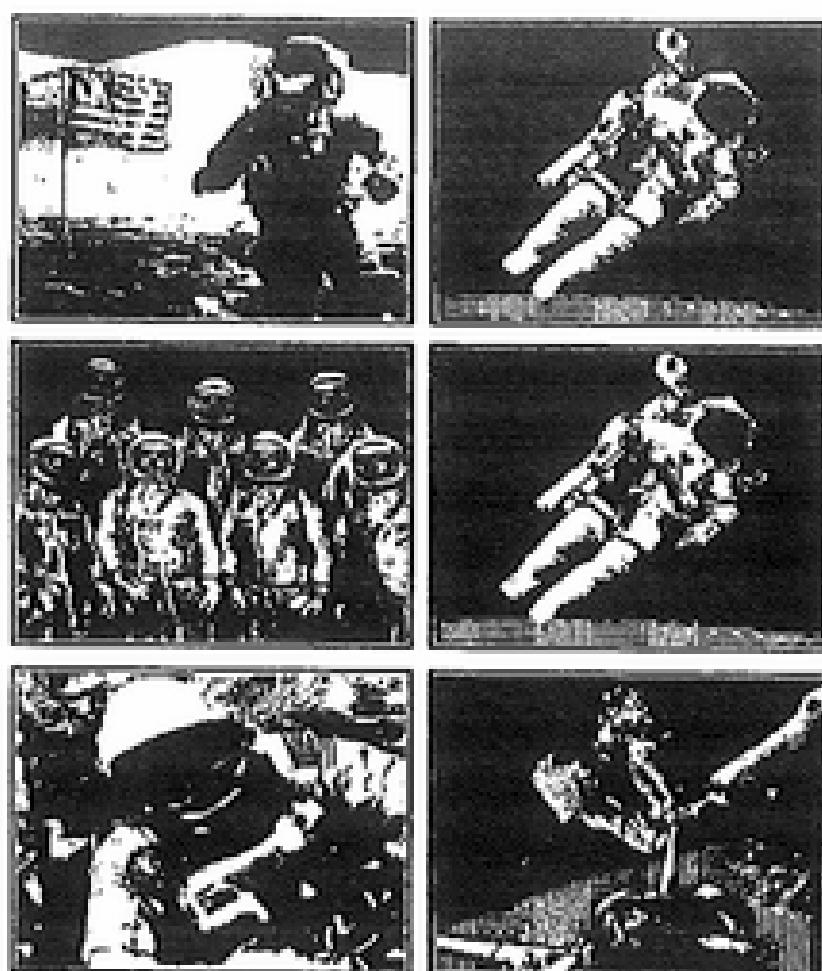


### Illinois cable cut

Amateur Radio came close to a call-out near Gurnee, Illinois on Thursday November 19th. This after construction crews managed to sever a fiber-optic telephone trunk line at about 3 PM in the afternoon.

Listener Charles Buggs, KB9OUC tells Newsline that the crew from a telecommunications company accidentally cut the fiber line in two places. The cuts were a mile apart and caused a regional telephone outage that disrupted internet service. Some long distance calling was also affected.

The outage lasted until about Midnight. Several ham radio public service groups were standing by. But in this case their services were not found to be necessary. (KB9OUC)



### Antennas in space

Ham radio operators has helped to install a set of antennas in space that will change the face of radio communications. Neal, K6DUE, reports:

Amateur radio operators have been erecting antennas since the earliest days of radio. So, perhaps it is apropos that it be an amateur radio operator putting up another set of antennas that would help to write a new chapter in space communications.

The ham radio operator is Jerry Ross, N5SCW. He was part of all ham crew that flew mission STS-37 in the early 1990's. And now, Jerry is one of two astronauts who ventured out on a space walk on Wednesday, December 9th to attach the antennas to first United States section of the international space station.

The module called Unity.

This was the second of three excursions outside the shuttle Endeavor for Ross and James Newman in less than a week. They completed installing two 100 pound antennas on Unity at about 3 hours point of a planned 7 hour space walk. They then successfully pried open a stuck antenna on the Russian built Zarya space station module.

Even with the antenna repair, the space walk was not nearly as difficult as the one on Monday, December 7th. During that excursion, Ross and Newman hooked up forty electrical connections between Zarya and Unity. This essentially tied the two as the first stages of the ISS.

But the antennas that Ross and Newman installed outside of the Unity module may be just as important. They are part of an elaborate communications system between Unity and NASA's Mission Control in Houston. Once activated, the system will provide a direct, virtually uninterrupted communication link between the two without having to rely on Russian ground stations for relay.

Rounding out the mission, Ross and Newman also took a third space walk and checked out the new space station. And typical of ham radio operation, they kicked those stuck antennas -- freeing them for future work when Russian spacecraft come in to dock.

All of this totaled seven spacewalks for N5SCW during his 18 year career as an astronaut. That's the most spacewalks by any American.

I'm Roy Neal, K6DUE, reporting for Newsline.

An estimated forty-five shuttle flights will be needed to build the International Space Station. Ham radio will be operational from the ISS as soon as the first crews arrive to take up permanent residence.

(Newsline)

## Up Coming Events

January 16 1999 - St. Joseph, MO -  
Missouri Valley ARC & Ray-Clay ARC,  
John Winkler, WB0VRA Route 1, Box  
53A Gower, MO 64454 Ph: 816-424-6484  
E-mail: WB0W@IBM.Net

February 6 1999 - West Memphis, AR  
Dixie AR Group - Kellye Farris, KB5RCE  
432 Ross Ave., West Memphis, AR 72301  
870-732-8724 E-mail: dixiefest@media-  
two.com

February 20 1999 - Russellville, AR  
Arkansas River Valley AR Foundation,  
Margaret Alexander, KC5MCS 1511  
North Jackson, Russellville, AR 72801  
501-968-7270 E-mail:  
calexand@cswnet.com

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

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

## ANNOUNCEMENTS

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

VE exams on 3rd Saturday of each month  
are held at 0900 at Southern Temple  
Baptist Church, 1821 S High, OKC. Talk  
in on 146.76 MHz. For more information  
contact Audie, AA5GB @ 799-9916.

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

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

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

VE exams on 4th Tuesday of even months  
are held at 1830 at the Altus Vo-Tech in  
Altus, OK. Contact George Mateyo,  
N1GM for details.

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

VE exams in Enid is done on odd months  
starting with the month of January. On  
the 2nd Saturday at 10:00 AM at the  
Oklahoma Natural Gas Co located at the  
corner of HY412 & Garland Rd., across  
east from Atwoods store. The testing is  
PREREGISTER ONLY. Contact Dick  
NJ5S 580- 233-9869

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

## On the Air

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

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

6 meter check in 52.525 Mhz simplex

Packet check-in on 145.07

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

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

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

HF 3900kHz; Packet 145.07

**AMTOR @** 8:30 a.m. 14.064mHz

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

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

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

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

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

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

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

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

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

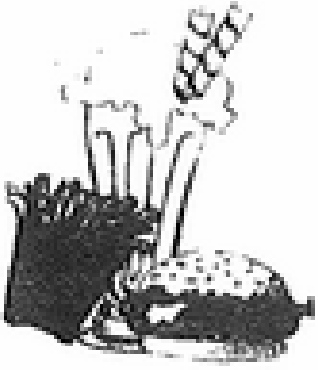
**YL Net -** Tuesdays @ 8:00 p.m. on  
147.09 plus

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

**Oklahoma Section Net -** Daily @ 0030Z  
on 3692.5 kHz

VE exams on the  
1<sup>st</sup> Sunday of each  
month at the  
American Red  
Cross 6<sup>th</sup> and  
Lincoln for more  
information call  
Jim, N5BEQ at  
232-2299.

NSWNL  
GLYNN MASSEY



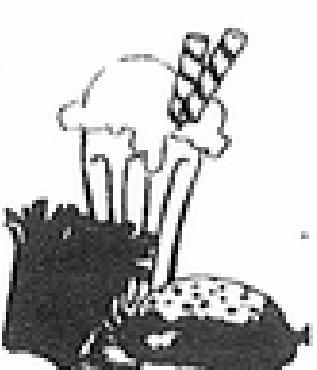
*Dairy Kurl Drive Inn*

(405) 634-7760

Hours: Mon-Fri: 8-4  
Closed Sat & Sun

*Family Owned & Operated for 26 Years*  
2701 S. Central, Oklahoma City, Oklahoma 73129

KC5VZN  
JAN MASSEY



December 1998							January 1999							February 1999						
S	M	T	W	T	F	S								S	M	T	W	T	F	S
		1	2	3	4	5									1	2	3	4	5	6
6	7	8	9	10	11	12									7	8	9	10	11	12
13	14	15	16	17	18	19									14	15	16	17	18	19
20	21	22	23	24	25	26									21	22	23	24	25	26
27	28	29	30	31											28					

# CORA Events

January 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					New Year's Day	1 9:30AM- BAARC VE Testing 10:00AM- Ada ARC 2:30PM- Vinita VE Exams
						2
2:00PM- American RC VE Exams	3 9:30AM- Broken Arrow ARC	4 7:00PM- Lawton/Ft Sill ARC		6 7:00PM- Aeronautical Center 7:30PM- Cimmaron ARA		8 9:30AM- South Canadian ARS 10:00AM- SCARS VE Exams 10:00AM- EARC VE Exams
						9
2:30PM- Wheatstraw ARC	10	11	12 11:00AM- Oklahoma VHF Club	13 7:00PM- Tri-State ARG 7:00PM- Altus AARC		15 9:00AM- Southern Temple BC VE...
						16 More Items...
2:00PM- Edmond ARS	17 6:00PM- CORA VE Exams 7:00PM- Choctaw ARC	18 7:30PM- OCAPA		20		22
						23
	24 6:00PM- Shawnee VE Exams	25 7:30PM- CORA		27 7:00PM- Enid ARC		29 5:00PM- C&E Deadline
						30
	31					