

# Collector & Emitter

A CORA Publication

**September 1997**  
Volume 23, Number 9  
Issue 271  
50¢

Postmaster See Page 2  
For Postal Information

Periodical Mail

**Ham Foils Prison Escape**

**10 Meter Activity**

**DX / Geography Quiz**



**1x1 Call Sign Rules**

**ARRL Looks at Scanner Bill**

**1 Down - ? To Go**  
**1 Less Little LEO**

**Collector & Emitter**

Harold C. Miller, KB1ZQ

Editor

Linda G. Miller, N1LPN

Circulation Manager

**Central Oklahoma Radio****Amateurs, Inc.**

President: Harold Miller, KB1ZQ

V Pres.: Brad Nelson, KJ0W

Secretary: Forrest Rush, N5VWF

Treasurer: Perry Jenkins, N5PJ

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

97/12

JOHN E. DOE, KA5ABC

1234 SW 56th STREET

RADIOVILLE, OK 74321-9876

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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.

**September 1997**

VOL. 23, No 9, Issue 271

**Collector and Emitter**

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**Collector and Emitter**

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Oklahoma City, OK 73143-5942

<p><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:</p>	<p><b>11. Edmond Amateur Radio Society</b> Meets: Odd Months, 1400L, 3rd Sunday, St. John's the Baptist, Even Months, Dinner, 3rd Friday Pres.: Jay Lytle KB5VDH 722-0981 VP: David Wolfe, KC5KJE Sec: Sharon Thompson, KM5GV 844-6245 Treas.: J. B. Bogner, K0JF 341-8735 Editor: Sharon Thompson, KM5GV 844-6245 E-mail: kc5orp@juno.com</p>
<p><b>2. Oklahoma Central VHF ARC</b> Meets: 1730L, 3d Thursday, Neighbor's Country Kitchen, 33<sup>rd</sup> &amp; N Classen, Oklahoma City Pres.: Jackolyn Olsen, KA5ENU 842-2305 VP: Ken Eason, KF5JS 789-2200 Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI Editor:</p>	<p><b>14. Cimmaron Amateur Radio Assn.</b> Meets: 1930L, 1st Thursday, WX5Y Playhouse 827 S. 13th, Fairview Pres.: John Medley, N5WVU VP: Kenneth Monahan, KB5SOM Sec: Dennis Painton, WK5V 764-3599 Treas.: Nadine Painton, N5PMH 764-3599 Editor: Kenneth Monahan, KB5SOM</p>
<p><b>4. Oklahoma City Autopatch Assn.</b> Meets: 1930L, 3rd Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (Back Door) Pres.: Loyd Hargrove, AB5I 391-5723 VP: Sam Binkley, KL7V 942-2600 Sec: Austin McCaskill, AA0QX 755-6522 Treas.: D. C. Macdonald, K2GKK 672-4947 E-mail: ocapa@juno.com</p>	<p><b>15. South Canadian ARS</b> Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Michael McEwen, KC5GJL 329-2615 VP: Don Byer, KJ5KB 321-1673 Sec: Jeff Wyke, KE5EB 329-6762 Treas.: Sara Byer, KC5ABA 321-1673</p>
<p><b>6. Altus Area Amateur Radio Assn.</b> Meets: 1900L 2nd Thursday, Southwest Technology Center, Altus, OK Pres.: George Mayteyko, N1GM 266-3357 VP: John Mealer, AB5WQ 563-9252 Sec: Lil Town, KC5CNA 477-4027 Treas.: Travis Houska, KC5SRK 679-3816 Editor: Dave Locke, KC5SII 482-8625</p>	<p><b>17. Ada Amateur Radio Club</b> Meets: 1000L, 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Roy Throne, KB5STV 436-1019 VP: Dwight Myers, N0RIW 436-4755 Sec/Tr: Sam Jewell, KM5IY 436-2224</p>
<p><b>8. Choctaw Amateur Radio Club</b> Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Mike McFarland, N5WNT 799-0612 VP: Duane Angles, KA5WRG 670-6163 Sec: Marie Harris, KC5HKB 390-8851 Treas.: Bill Tarkington, KC5ICR 390-8751 Editor:</p>	<p><b>18. Lawton Fort Sill ARC</b> Meets: 1900L 1<sup>st</sup> Tuesday, Great Plains Area Vo-Tech room 301, Worley Center. Pres.: Paul Wardell, N5PYD VP.: Mari Ewell, KC5IZN Sec/Tr.: Paul Goulet, KC5CYY 250-4247 E-mail: w5ks@rli.net</p>
<p><b>9. Wheatstraw Amateur Radio Club</b> Meets: 1430L, 2<sup>nd</sup> Sunday, Location Varies Pres.: Johnny Fish, K5GBN 893-2227 VP: Ray Barnes, AB5Z 274-3334 Sec/Tr.: Joe Garland, WA5FLT 893-2660 Editor: Ralph Wilder, WA5PFK 623-5421</p>	<p><b>CORA is Growing!! Room For Another Club's Officers Here. Let US Know of any Clubs wanting Information On Joining CORA.</b></p>
<p><b>10. Oklahoma DX Association</b> Meets: Hamfests and as announced in C&amp;E. Pres.: Bruce Burnette, K5PX 918-455-2599 VP: Dave Land, KD5FX VP: Craig Boyer, AH9B 405-771-5929 Sec/Tr.: Mark Byard, N5OGP 405-762-1966 Editor: Mark Byard, N5OGP 405-762-1966</p>	<p><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: Brad Nelson, KJ0W 793-9470 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, N5PJ 354-5075 Editor: Harold Miller, KB1ZQ 672-7735 E-mail: n1lpn@aol.com n1lpn@swbell.net</p>

**Deadline for October Issue of Collector and Emitter is Friday, September 26, 1997. Send all Articles to Collector and Emitter, 4216 Spiva Drive Del City, OK 73115-4424 on 3 1/2 inch floppy or e-mail to n1lpn@swbell.net. Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.**

# Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for August 26, 1997.

The meeting was called to order at 7:42 p.m. by the president of CORA, Hal Miller, KB1ZQ. There were six clubs represented with fourteen directors present and one visitor, Sam Binkley, KL7V.

The secretary's report and the treasurer's report were both accepted unanimously.

## President's Report.

CORA now has non-profit status with the State of Oklahoma; we now have our third-class non-profit permit, and we now have non-profit periodical permit with the U.S. Postal Service. This has dropped the postage of the C & E by about 25%. Once the IRS has the documents it has requested from us, we should have our non-profit status with them as well.

CORA has received official notification from the ARRL Executive Committee that our application for the Oklahoma State Convention for 1998 has been accepted. The twenty-fifth Ham Holiday will also be the Oklahoma State Convention.

## HH 97

Ham Holiday 1997 was a rousing success! The dealers did a land office business, and everyone had fun.

It was decided to donate \$200.00 to the Salvation Army and \$150.00 to the Explorer Post who helped provide security at HH97.

## Elections.

Next month are CORA's elections.

## Next meeting.

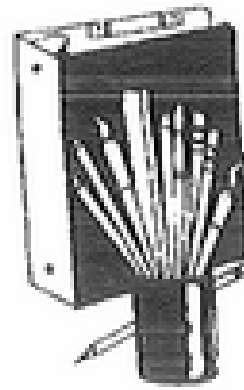
The next meeting of CORA will be held at the Salvation Army's Divisional Headquarters at NW Pennsylvania and

NW 50<sup>th</sup> street. The meeting will start at 7:30 p.m. on the 23<sup>rd</sup> of September, 1997.

Be there!

Respectfully submitted,

Forrest Rush, N5VWF  
CORA Secretary



## VE Session August 18th

The regularly scheduled session of the monthly CORA sessions was held on the above date at the Salvation Army. The third Monday of each month at 6:00 PM is the long established time for these sessions. Applicants and the Volunteer Examiners were all ready for the appointed time. Again, thanks to the Amateur Radio applicants for allowing the CORA team to assist in their testing. Results of the August 1997 session are as follows:

Applicants: 6  
Applicants Upgrading: 2  
Elements Passed: 6  
Total Elements Administered: 10

## Individuals Passing Indicated Elements:

Mark Grennan- 5wpm code- Tech Plus  
Jeff Taylor- Novice Theory  
Larry Whitely- 5wpm code- Tech Plus  
Mark Ashworth- General and Advanced Theory  
Larry Alan Whitley -Novice Theory

Great job test takers! Keep up the good work and come back again. The next session will be on Monday, September 15th at 6:00 PM at the Salvation Army Divisional Headquarters. It is located at the Southwest corner of Penn Ave and Northwest Expressway. Many thanks to the VE group for their continued devotion to making the test available. We appreciate your effort.

73 de John Thomason, WB5SYT

## From the President:

Well with Ham Holiday 1997 out of the way it is now time to start thinking of a new year for CORA and the ARRL State convention next year. At our last meeting discussion was on how well CORA did with HH97 and what plans we need to look at for the future.

We also reminded all attending of the elections for CORA officers for the next year will be next meeting. Only those individuals representing their clubs will be eligible to vote. Each club in CORA has 3 votes no matter the size. There are a total of 36 votes possible for this election.

I have stated that I will run for president again, as I feel I need to finish off the convention. I do not want to pass this off onto an unwilling officer. Also several other officers have stated they will run again for office. Charlie, KM5LE has been asked to act as the chair for the elections.

I also want to hear from you the members of the Oklahoma amateur radio community. What do you want to do, see, or hear about at the ARRL Convention? If we do not hear from you we can not plan for your wishes. Your help is also needed to plan the event. So come down to the CORA meetings and let us know what you want. If you don't speak up it's your fault we didn't have what you want.

Hal, KB1ZQ

The October meeting of CORA will be a Saturday luncheon meeting. This will allow all clubs in CORA to send representatives to the meeting. The meeting will be October 25, 1997, 1:00 p.m. at the Skyline Restaurant at SE 15<sup>th</sup> Street and I-35 in OKC. Come on out and enjoy some good food and fellowship.

**Without You there Is No CORA.**

## Chit-Chat

by Linda, NILPN

### Bits and pieces...

I did not grow up in the computer generation. In college, I really did not have any interest when computers were being introduced into our lives. I hated it when the libraries got rid of the very dependable 'card files' and put everything on the computers. I remember Mike being in the fifth grade and my asking him to look up a book I was wanting to read. He would find it listed on the library computer so I could find where it was on the shelves. He got a kick out of the idea he was able to do something Mom couldn't.

As the years have moved forward so has the computer. Today, it is very hard to get through high school without having a personal computer at home. English classes have writing labs where everything is done on the computers. The use of computers in school actually gives the teachers an edge, you can't scribble on paper and try to pass it off as the real thing anymore. Companies, and society have come to depend on these little machines of wonder more and more.

You no longer need to know how to spell, there is a computer program that will check your spelling for you on most computers today. Grammar is not really a hot item either, they even have a program that checks your grammar. (Hal doesn't have the grammar check but we do have the spell check and it underlines every misspelled word in red.)

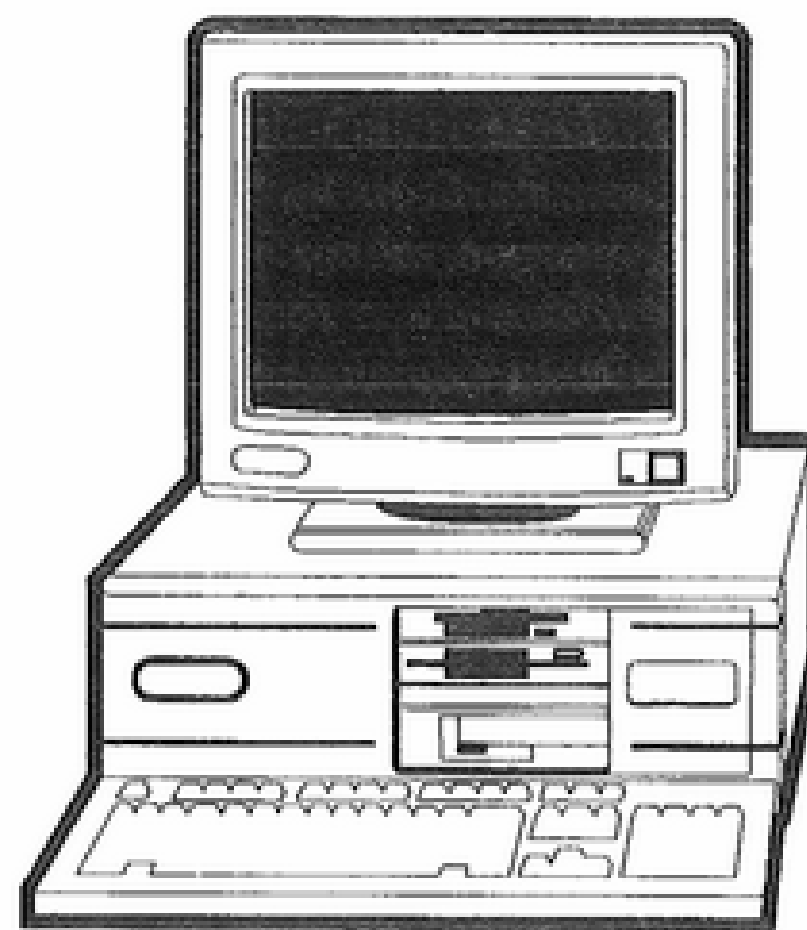
Slowly, Mike has been teaching me that our personal computer can be used for something more than a fancy typewriter and spell checker. He introduced me to the internet last summer. I told him there was nothing I could possibly be interested in on the net and he said I would be surprised.

A whole new world has opened up to me. I am always finding interesting information and web sites to bookmark. I can now understand how people can get

hooked on surfing the net. I stay clear of 'chat rooms', I am too busy using the net seeking to expand my knowledge. If I want to talk, I have the 2 meter radio to talk on anytime I wish. In the months to come, I will share with you some of my favorite sites I love to visit on the internet.

### E-mail...servers

The e-mail address we use for the C&E and CORA is nilpn@swbell.net and I use nilpn@aol.com as well. We switched from using American On Line as our major server because we were having major problems logging onto the system. We needed a more dependable service so the clubs and ham community could keep in touch with us. Southwestern Bell internet service has a different billing system from AOL. AOL only accepts credit cards or charges you an extra \$5.00 for withdrawing the amount of your monthly bill from your checking account each month. They never mail out a bill but you can go on line and download your billing. Southwestern Bell adds your internet service bill onto your phone bill. No credit cards or extra charges for using your checking account.



I love Southwestern Bell and how easy they have made it to get on the internet. What I love about AOL is the craft sections and the areas where you can download instructions to projects from other crafters. I have a friend who uses JUNO only back in San Antonio. He uses it to keep in touch with his family and friends each week. They are scattered all over the USA and he says e-mail saves on

the long distance phone calls and having to mail out letters all the time. Many ham clubs are now using JUNO as well.

Thanks to Jerry and his hard work, CORA now has a web site. It is

[www.geocities.com/heartland/7332](http://www.geocities.com/heartland/7332)

Many people used this site to download our Ham Holiday Pre-registration form. We also received e-mail from out of state dealers who were very interested in coming. Two did come this past year and one of them was from the state of Pennsylvania. They both plan to come back next year to our convention.

Does the CORA Web page still generate e-mail? Yes and I just got one in today from a Mr Ellison. He is interested in possibly becoming a member and would like more information on CORA. I will e-mail him later today explaining what CORA is and ask for an address to mail him a copy of our newsletter. One bad thing about e-mail, you have no idea what state or city the person lives in. I guess I need to get busy and write up the history of CORA and get it to Jerry for the Web page.

### Rumors...

Just a short note about rumors.

It is human nature to try and find a pat answer to everything that happens in our lives. When things start changing at work, rumors begin to circulate on the reasons for the sudden changes. When the couple down the street after 30 years of marriage, decide to separate, rumors begin to spread. When a child starts screaming in a store and the reason is unknown, strangers start to draw their own conclusions. Many begin whispering that the child could be possibly abused. 99% of the time a child screams while in public as a means of trying to get their own way, and the parent has simply refused to give in. Rumors are formed under assumptions without any facts or seeking the truth. Rumors are what my grandmother use to call created for those who's mind's were simple and empty, they had no life beyond telling untrue stories about others. It is a

way of getting attention and seeming to know something no one else does.

So the next time you are told something about someone else, do yourself a favor. Don't listen. Never assume that what is being said is the truth and do not belittle yourself by repeating it to others. Find out if it is the truth or not and if that is not possible, just let it pass. Rumors are just words, true, but can cut deeper than any knife ever could. Rumors can destroy lives, friendships, marriages, jobs, organizations, and individuals have been imprisoned due to rumors they could not prove were untrue. Rumors have been known to start wars in the past.

Think carefully before you pass on information without knowing all of the facts first. Let the rumor stop with you. Don't play the game of spreading rumors.

#### *Help wanted....*

Before you know it the holidays will soon be here. Again I am asking for you to please send in your favorite recipes so I can print them in the November and December issues. I would also like a little story to go along with the recipes if possible. There were two recipes I use to love to make each holiday season and no longer have them. I had a friend who asked to copy them and she never returned my originals. She left her husband a week after she borrowed my copies and no one knew where she went. The first one was a chocolate fudge cherry cake and it used cherry pie filling, a boxed fudge pudding cake mix and eggs and maybe oil. The other one was a Spice Apricot Cake. What made it special is that one of the ingredients was one large jar of baby food apricots and it was made from scratch, no icing just sprinkled with powder sugar on top. It would freeze well and was perfect to give as a gift. Does anyone have these two recipes? If so, I would be very grateful if you would send me a copy of them. Thanks.

Until next month...

## Ada Amateur Radio Club

The monthly meeting of the Ada ARC convened at 10:30 a.m. 2 August 1997 at the club center. Eleven members were in attendance, with President Roy, KB5STV as chairperson.

Training, Repeater use, FCC rules and possible penalties for the use of someone's call other than your were the topics discussed.

The treasurer's report was accepted as given and passed without objection.

The following items were considered a partial list of recognized repeater procedures. The items listed are recommendations only and not to conflict with FCC Regulations.

The Ada repeater is open for use to any appropriately licensed operator. The repeater custodian would prefer all operators to use appropriate radio courtesy. This courtesy includes but is not limited to the following:

1. You are an appropriately licensed operator.
2. You have with you, the original or photocopy of your amateur license.
3. You are operating on the correct frequency that corresponds to you license privileges.
4. Listen before you talk and give your call at least every ten minutes during the QSO and at the end of the QSO.
5. If, during a pause, someone breaks in on your QSO, be kind and courteous, remember, most repeaters are open, so use and let use. The prudent procedure is to yield to break, the break in QSO will probably last only a short time.
6. The procedures used on Ada's repeater reflect on the community as a whole, so let us work together to create a cohesive working relationship, remember to be nice.
7. Especially yield to the phone patch, it could be an emergency, and phone patch QSO's are generally short.

8. Always use the closest repeater that will work for you. When in Ada use the Ada repeater.
9. You have more privacy on simplex and most local QSO's can be accomplished by simplex. Recommended simplex frequencies are 146.58 & 147.42 through 147.57.
10. Always use your own call, stiff criminal and civil penalties await the person that uses a private call, or worse yet a call that was issued to some other person.

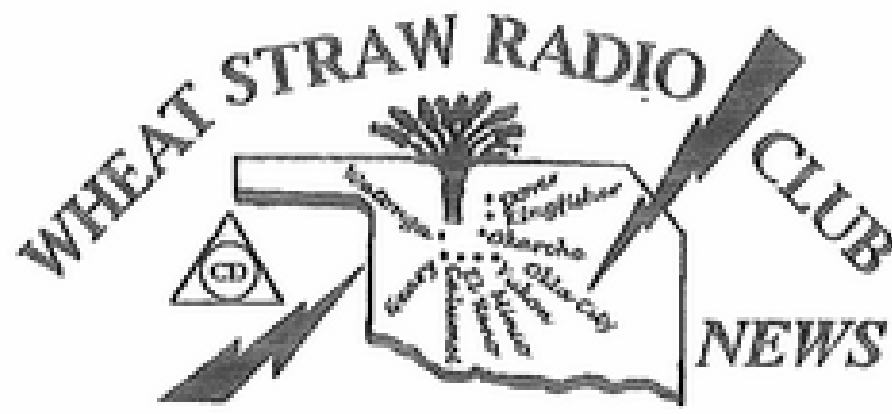
Some of the above Procedures are only recommendations, but we all love the same hobby, so let us work hard to advance the Training Sessions and lectures which are always popular with hams. The club discussed the advantages of electing a training coordinator to supervise the curriculum and lesson plans. He will also be responsible for appointing qualified instructors for the subject material to be given. It was agreed, the first subject material to be covered, will be Packet Radio operations. This subject is expected to fill several sessions.

Gainesville Hamfest is over, and many club members ventured south to try and make a bargain. From what I heard on the repeater, at least some deals were made.

UPS strike is over and our orders that have been molding in the shipping warehouse are now being delivered. Finis, KC5YGB got his antenna and Sam, KM5IY received his HF amplifier, all in good shape, I might add. I hope that all of the other hams who ordered stuff are as lucky.

Dwight, N0RIW upgraded to Technician Plus. He has now acquired a Tempo-One, MFJ Tuner, Code Key and G5RV Antenna with which he keeps the CW airways smoking. I worked Dwight, and we had a very nice QSO on 40 meter CW band.

Sam Jewell, KM5IY  
Ada ARC Secretary



## Wheatstraw Amateur Radio Club

### *August 10, 1997 Club Minutes*

The meeting was held at the Canadian Shelter at the Canton Lake. It was also our club's Annual Covered Dish Dinner. Johnny, K5GBN said Grace about 1:30 p.m. and we all began to sample the feast set before us. There were thirty three members, visitors and guest present. Everyone ate more than we should, I know I did. The food was excellent, plentiful, and there was a lot of food left.

At 2:30 p.m. the meeting was called to order by Johnny, K5GBN, our President. Self introductions were made by all. We then recognized the ladies and congratulated them with a big round of applause for all their hard work in providing such a fine meal.

The minutes were read and approved as read. A financial report was made.

The next meeting will be in El Reno, OK. At the Northwest Community Center. If you come in on Sunset Drive, where the old Homeland grocery store was turn North on the west side which should be N. Grand. Continue on N. Grand to 520 N. Grand and you should be at the center. Now if you come in from the North on Highway 81, Watch for Forman Street, Turn West on Forman, Go two blocks West and you will be at the Community Center. For those who are coming from the South, at the traffic light Highway 81 and Sunset Drive or the old 66 Highway West. Go past the Save-a-Lot, which is where the old Homeland was. Turn right on the first street on the West side which is N. Grand. Continue until you see the Community Center which is 520 N. Grand.

N5VDY Jim commented the Calumet repeater 146.61- seems to be putting out a better signal lately, nothing has been done to it. Olive, N5IXN asked why the repeater books do not list the Calumet repeater anymore. Johnny said, "Repeaters have to be sent in each year and perhaps the Calumet repeater was not sent in." For our state there is a group that is suppose to report all coordinated repeaters so they may be printed in the repeater books. The name of this group is commonly known as O.R.S.I.

The October meeting will be in Dover, probably at the Christian Church Fellowship Hall. We will have more information for you after the September meeting.

Leo, WZ5H introduced his Amateur Radio students that attended our meeting. I do believe they all have their licenses by now.

Johnny, K5GBN announced that Betty, KB5JB said, "to tell everyone hello and they are doing okay."

Wanda, KC5GTW receded her motion from the July meeting to table the proposal to raise the club dues and discussion of it until the November meeting. It was seconded by Ray, AB5Z. The motion carried. Leo, WZ5H made a motion that First licensed dues be raised from \$10.00 to \$12.00 and the second licensed of the home be left at \$5.00. The associate members, who would be a spouse with no license and no voting rights be raised from \$2.00 to \$3.00. The motion was seconded by Neal, N5KCO. The motion carried.

Joe, W5CCV from Mangum passed the word from Father Joe, W5JEB to tell everyone of the Wheatstraw members, "Hello!" He plans to get his antenna up soon.

Johnny thanked everyone for coming. He welcomed the guests and visitor and asked them all to come back. He entertained a motion to close the meeting and there were no objections.

Respectfully, Ralph, WAPFK (recorded in Joe's absence)

### *Looking Back Thirty Years Ago...*

Yes, we were younger then, but I am not ready yet to be junked. The club had active officers. We had an Activities Chairman who thought of and looked into the possibilities of a good weekend trip and fun for all.

The club went to the Trail of Tears, and to the Indian Village. The club members drove to Sulfur, OK, taking a picnic lunch to the tour the then Platt National Park. The park has been renamed and today is known as the Chickasaw National Park.

It was summertime and the picnic areas were mostly taken by the time we got there. Carol, WA5ZKW, our daughter said, "I think I know where we can go to a secluded area." We followed Carol to the Traveltine area and sure enough it was vacant. It was a large parking lot by a waterfalls in the woods.

These are just a few of the places we went in caravan as a club lead by our Activities Chairman. We went to Turner Falls, the Black Kettle Reservation, Boiling Springs State Park, the Alabaster Caverns, the Little Sahara, Pawnee Bill's Ranch, the Salt Plains, Okarhe City Park, Kingfisher Park, and Roman Nose Sate Park. I can't think of all the interesting places we have been to as a club, but some of them we went back to and visited several times. We have so many interesting places here in Oklahoma to go and see.

### *Have you taken a look at your state lately?*

I would like to give some of the facts about our wonderful state as issued by the Oklahoma State Department of Tourism. There is a lot to explore.

The total population in our state is 1,258,000. Total area is 69,919 square miles and as far as size compared to the rest of the USA, we rank 18<sup>th</sup>. Our two most populated cities are Oklahoma City with 463,201 residents and Tulsa has a population of 374,871. Tulsa is followed by Norman, OK with a count of 87,290 followed by Lawton OK with a population of 86,028.

The highest point in Oklahoma is Black Mesa, located in the Panhandle, and is 4,973 feet above sea level. I couldn't very well tell you where the highest point in the state was without telling you where the lowest point was located. It is East of Idabel and is just 287 feet above sea level. An interesting fact is Oklahoma has more man-made lakes than any other state, and combined, they cover over one million surface acres.

Oklahoma ranks fourth in the nation in the production of all wheat. We also rank fourth in the cattle and calf production. In producing Pecans we rank fifth. Also we rank eighth in the nation in growing Peanuts and Peaches.

Oklahoma has the largest Native American population in the nation. Many of the 250,000 Native American Indians living in the state today are descended from the 67 tribes who inhabited what was once known as the Indian Territory. Thirty-nine Native American Indian Tribes have their Tribal Headquarters located here in the state of Oklahoma.

We truly live in a wondrous state just waiting for you to discover and explore. Don't sneeze at our state, go to your Chamber of Commerce Office and ask for "AMERICA IN IT'S NATIVE STATE, (OKLAHOMA) 1997 Vacation Guide" and be ready to be surprised. If they are out of the book, ask where you might get one. Another thing you can do is write to:

DISCOVER OKLAHOMA  
P. O. BOX 52002  
OKLAHOMA CITY, OK 73152-2002

If you have a problem and can't travel, get the book anyway. The book is full of beautiful pictures and is a joy to read. I am proud to live in my hometown in the state of Oklahoma.

Ralph, WA5PFK

#### *It's time for a smile....*

Funny things do happen, sometimes we wonder why. A magazine reporter receives many odd photos and stories in his mailbox. The reporter check them out before printing. They have seen a chicken

eating cat food and a cat eating corn on the cob. The personal favorite was a large dog eating raspberries off the bush. The dog only picked and ate the ripe ones. He saw cows picking apples and sheep dining on green beans.

I wonder if these animals learned this during the Depression. Mother taught us, eat what you can, can what you can't.

Columbus should be admired not only discovering America, but for having gone to search for it on the faith of an opinion.

When guests stay too long, try treating them like family. If they don't leave then, they never will.

Father: "Are you sure you can give my daughter everything she wants?"

Boyfriend: "Yes sir! Because she keeps telling me she only wants me."

"Why didn't you report the robbery at once?" An insurance agent asked a woman claimant. "Didn't you suspect something when you came and discovered all the drawers opened and the contents scattered all over the floor?", he asked. "Not really," she replied. "I really thought my husband had been looking for a pair of matching socks!"

A doctor was fuming when he finally reached his table at a banquet after breaking away from a woman who sought his advice on a health problem. "Do you think I should send her a bill?" he asked a lawyer who was sitting next to him. "Why not?" the lawyer replied. You rendered professional service by giving advise. "Thanks," the physician said. "I think I'll do that."

When the doctor went to his office the next day to send a bill to the annoying woman, he found a note from the lawyer. It read, "For Legal Services : \$125.00."

#### *A chat with Dad...*

by Betty Fleming

It's me again Dad, come to chat with you a spell, it's been a long time since our last farewell.

I think of you so often, precious moments shared, You didn't always say it but , Dad, I know you cared.

I cared about you too, Dad, I hope you really knew even though I failed to say it, I sure did love you.

I want to fill you in, to share some thoughts today, it will only take a moment, Dad, and I'll be on my way.

Your grandkids are grown, Martha's hair is gray, it's hard to believe that so long you've been away.

There's been a change in me, wrinkles, this bald spot, I've slowed down but still joke and laugh a lot.

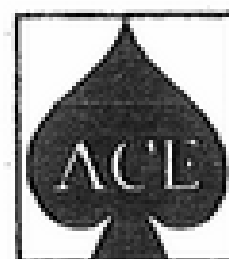
I remember your laughter, that special smile, Dad, the way you talked and that sense of humor you had.

I could sit here all day, never say what I feel, but it's getting late and I must head down the hill.

I've got to get home, stone markers make me sad, Happy Father's Day to the best pal a son ever had.

This poem may seem out of season and a little late for Father's Day. Please read it again and take a few moments to think about what it is saying. Have you taken the time recently to sit down and have a 'Chat with Dad?' Maybe it is time to...

Ralph, WA5PEK

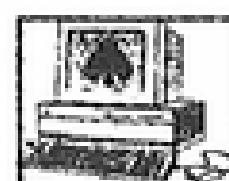


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## CHOCTAW AMATEUR RADIO CLUB

Minutes of 18 August, 1997

**ANNOUNCEMENTS:** The next CARC Swapmeet will be 13 September, 1997 at the Midwest City Community Center, Reno & Midwest Blvd. next to the library. \*Please note a time change! The Swapmeet will be open from 8:15am to 11:15am. Tables are \$3.00 each.

### *OPENING:*

The meeting opened with introductions of seventeen members and two visitors, Calvin Long and P. K. Read, WA5DGL.

### *REPORTS:*

The minutes were accepted as printed in the C&E, with one change. Mike, N5WNT, is the creator of the call-out roster instead of Larry, K5VVD.

The treasurer's report was accepted as read.

*Texnet*--John, K5CBP, reminded us to use the -4 SSID on Texnet. The -1 SSID will not work. The Texnet system has been working completely except into Texas. The next ORSI meeting is 20 September, 1997, at Rose State College, at 13:30 in the auditorium.

*Repeater*--We have been given a notice that we will have to move all equipment out of the building at the repeater site. We will need to provide our own building and electric service. After much discussion, motion was made for the Repeater Committee (Committee members are Don, KB5KWV, John, K5CBP, and Ron,

WB9DAF) to also be the committee in charge of planning and building the new building for our equipment. A limit of \$500 was put on the project. If more money is needed then the Executive Committee will meet to discuss it. The size of 6ftX8ft was decided on and a list of items to be donated to the building project was passed around.

The meeting adjourned to Braum's.

73 de Marie, KC5HKB

## Amateur Radio Newsline

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### OHIO MISSING CHILDREN SEARCH

Ham radio has been assisting in the search for two missing children in southern Ohio.

On Wednesday, July 9th four year old Cody and eleven year old India Smith were playing in the yard of the family farm house south of Urbana, Champagne County, Ohio.

The children's father looked out the window about 1:15 PM and saw them playing. That was the last time the two children were seen.

A bit later, when the children's father went out to summon them inside, they were gone. A hasty search of the grounds revealed nothing. At 4:30 PM a call was placed to the Champagne County Sheriffs Office. A search was begun immediately with no results.

The search area widened over the next two days and neighbors, volunteers, local law enforcement officials and even the FBI were involved.

On Friday, July 11th the Ohio District 3 Amateur Radio Emergency Services Coordinator was contacted to provide amateur communications. The search teams were spread out over an area of ten

square miles. And teams could be out of touch for up to two hours at a time.

For the next three days, approximately 45 amateurs from Montgomery, Miami, Champagne and Clark Counties provide voice and ATV communications assistance.

The Dayton Amateur Radio Association communications van was used several times as a restricted access conference center for law enforcement officials. And the Miami County Amateur Radio Club communications van was used as a media center for announcements to tv stations from Dayton, Columbus, Cincinnati and to the national media.

Over the three day search, teams roved on foot up to four miles from the family farm house. The American Red Cross handed out over 2500 bottles of water to volunteers as they scoured the area in the summer heat.

When the search area was laid out on a map, every building, farm field, creek, river, railroad track, and woods in a ten square mile area had been searched by humans and tracking dogs.

The disappearance of Cody and India Smith has been reported nationally on television and in the newspapers. As we go to air, the two little girls have still not been found.

*(Via Amateur News Weekly)*

### HAM FOILS PRISON ESCAPE

Thomas Sorrow, KE4ITN, of Cleveland, Alabama, has been recognized by the Alabama Department of Corrections for confiscating electronic parts and schematics for a transceiver from an inmate. The inmate, serving a life without parole sentence for capital murder, was plotting to escape from the maximum security St. Clair Correctional Facility at Springville, Alabama. Sorrow, an Extra Class licensee and correctional officer employed at St. Clair, credits his hobby for his being able to identify the contraband and to assist in foiling the inmate's escape.

*(Via ARRL Letter)*



## What's Happening on 10 Meters

Here we are the middle of August, School has started for another year. The hustle and bustle of summer activities will soon draw to a close, ushering in the cooler fall season. With the cooler weather outdoor activities will become more comfortable, and more enjoyable. But not all activities are relegated to the out of doors some real pleasurable hours can be spent in the Ham Shack! The recent increase in sun spot activity, and the higher solar flux indexes have led to some respectable openings on the HF Bands, and one of my favorite Bands, 10 meter is starting to become quite active.

The 10 meter band has many advantages, and attractions for the new Hams in our ranks. One of the most exciting advantages, would be the Code requirements, With several weeks of study the average No Code Technician can pass the five word per minute code requirement, and earn their Tech- plus License. With the new license class Voice privileges are gained on the 10 meter band, from 28.300 to 28.500 and CW privileges from 28.100 to 28.300, also CW privileges on the other HF bands. Another big plus for the 10 meter band is the relative low cost to get on the air. There are several good strictly 10 meter rigs on the market for under \$400.00. Also with a little experimentation there are numerous 11 meter sideband Radios that are readily convertible to the 10 meter band at very little cost and effort.

Another advantage to 10 meter operation is the relative size of the antennas required to get up and running. Most vertical antennas for the 10 meter band are less than 20 feet in length and perform remarkably well when mounted around 30 feet above the ground keeping the overall height around 50 feet or less, and with very little windload eliminating the need for expensive tower investments, and installations. In most cases with proper standoffs, and guy wiring an inexpensive multi-section extendible television antenna pole will support this type of an

antenna quite sufficiently. There are several other antenna options also available, if you are fortunate enough to have a large tree on your property you have several options for wire antennas, an inverted-V, sloper, Novice 90, and depending on the number of trees available possibly a loop skywire. last but not least if you migrated to the Amateur Bands from the Citizen Band radio and still have an old Base station antenna most can be easily retuned for 10 meter operation. So for a cash outlay of \$500.00 or less you can be up and operating "In my opinion one of the most remarkable bands on HF."

As for attractions on the 10 meter band, when the band is open the contact possibilities are unbelievable. I have worked numerous foreign countries, Japan, Australia, South Africa, New Zealand, Puerto Rico, Haiti, Mexico, Brazil, and Argentina and all of these contacts were made using 25 watts or less! If foreign contacts are not your cup of tea no problem, when the band is open the statewide contacts are phenomenal, I have known folks who have earned the "Worked All States Award" in 30 days or less! It is not unusual to be tuning through the band and work stations on both coasts concurrently, and moments later a neighbor in an adjoining state will call C.Q. and suddenly a Canadian station will make his presence known, or possibly even the beginning of a local net in some large metropolitan area in the northeast, or perhaps a Maritime mobile adrift on the great Pacific Ocean, the possibilities are overwhelming! There are regular Nationwide, and local traffic nets that occur on 10 meters, some areas of interest would be 28.305, 28.345, 28.385, 28.400, and 28.425 with the later being a 10-10 International net.

The 10-10 International net, inc. was formed In 1962 as the 10-10 net of Southern California. Its purpose was to promote activity and good operation practice on the 10 meter amateur band. During the first few years the organization grew slowly, but by 1975 there were 10,000 members, and the word "International" had crept into the name.

There have now been over 68,000 10-10 numbers issued world wide.

Annual dues are \$10.00 US members and 13.00 DX members to provide funds for expenses. A membership card, certificate of membership and other items are sent to new members when membership is granted. Each new member is assigned a unique "10-10 Number" which is retained for life, regardless of call sign change. A 10-10 number is never re-issued. When one becomes a SK (silent key), the number is still listed in the membership records and the Membership Roster noted by an \* indicating that the member has become a SK. Any licensed amateur authorized to operate on the 10 meter band can join 10-10. It is required that you contact 10 10-10 members (on 10 meters), listing their information as noted on the membership application form. US amateurs send their completed Membership Application to the US Call Area Manager for the number in your call sign, regardless of where you live. For district 5 the Call Area Manager would be Grace Dunlap, K5MRU #218 PO Box 445 Leferia Tx.78559-0445 (October-June) or PO Box 13 Rand Colorado 80473-0013.

There are also other chapters of 10-10 International, one being the Chesapeake Bay chapter. This chapter holds a weekly net every Sunday at 2359Z on 28.435Mhz (up in 5 Khz increments if frequency is busy) All amateurs of appropriate license are encouraged to check into the net. It is not necessary to be a member of the Chesapeake Bay Chapter or of 10-10, as all are welcome. To earn the basic Chesapeake Bay Chapter Certificate you need to, Work an IQ, or work an SQ, or work an FM, or work 10 Chesapeake Bay Members. All contacts must be on 10 meters. Send name(s), number(s), date(s) of contacts and proof of current 10-10 membership to the Certificate Manager with \$5.00 +2FCS Make checks payable to CBC.

The third chapter of the 10-10 International is the Springbok Chapter International, which is a chapter based out of south Africa and is more complicated in its membership. Basically operates on a point per contact system, and would be

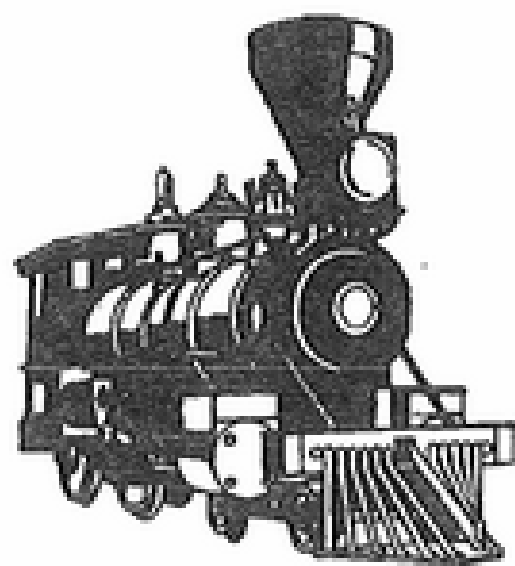
quite lengthy to discuss in this forum but is quite interesting.

Well hopefully I have sparked some interest in the 10 Meter Band, and possibly fueled the fire for some to take the step into the world of 10 Meter. I don't think there will be any regrets, and very likely some pleasurable hours spent enjoying this remarkable Band!

Altus Area Amateur Radio Association come check us out next time you are in town. We meet the second Thursday of every month at the Francis Herron meeting room at the Vocational Technical center 711 West Tamarack Altus Oklahoma. So for now keep on Hamming It Up.

73

Johnny Mealer, AB5WQ



## Really Happened!

During the wee hours of Monday (4-14-97) Veteran Sacramento police officer Gautier & rookie officer Maderas responded to a call next to a major railway switching yard. Not wanting to walk further than absolutely necessary, the both officers parked their patrol cars on top of some railroad tracks. Ofr. Gautier, being the veteran, asked a nearby security guard "does your train use these tracks anymore?". NO sir! was the guard's reply. You guessed it, before returning from the call, a train came along and smashed both patrol cars. Embarrassed and angry, Ofr. Gautier confronted the guard "Why did you tell us your train doesn't use those tracks anymore!!"? The guard's reply..."it doesn't, that wasn't our train!"

## A quiz for the C & E

*jrichard@exchange.tinker.af.mil*  
(Richardson, Jim)

Here is a quiz that I wrote up for the C & E. What do you think? Test your knowledge of DX and Geography with this quiz: All answers must be spelled correctly and include call sign prefix. To make it more interesting, each country/prefix can only be used once. Be fair to yourself and do this without looking at any maps or DX country lists.

Scoring: 17-20- Honor Roll!  
15-18-BIG Gun  
10-14- Barefoot DXer  
10-14 Little Pistol  
10 or less - See your 5th grade teacher again

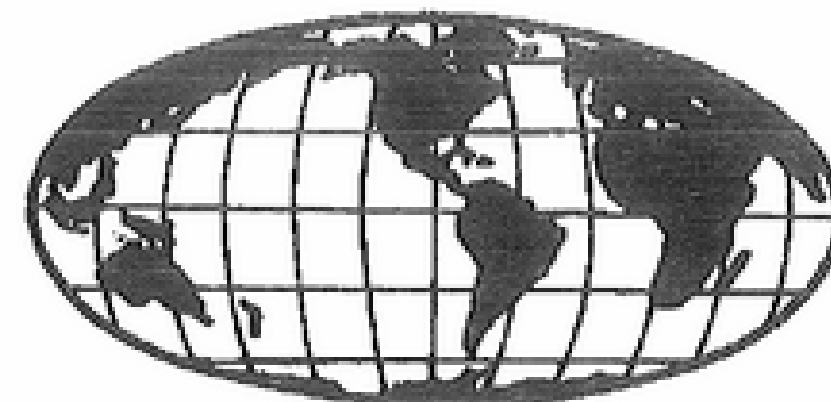
- 1) Name three DX countries and call prefixes that have active volcanoes.
- 2) The country of Ecuador (HC) lies on the equator. Can you name three more?
- 3) What two countries in South America are land-locked?
- 4) What body of water contains 4S, 8Q, VU7?
- 5) What DX country lies north of 6Y?
- 6) Before the Nile river enters Egypt SU, what country does it flow through?
- 7) Name three DX countries that call sign prefix begins with the number 5.
- 8) England (G) lies right on the prime meridian. Can you name three more?
- 9) Believe it or not, there is a DX country that is located within the USA. What is it?
- 10) Name three DX countries that are on the Baltic Sea.
- 11) Call sign prefixes HW, HX, TW, TX all belong to one country. Which one?
- 12) What letter of the alphabet is not used for any call sign prefix?
- 13) Name three DX countries that have active glaciers.
- 14) Descendants of Fletcher Christian, famous for his take over of the ship "Bounty" can be found on what island?
- 15) Coy Day and Dave Horn recently operated from what island? Call sign used?
- 16) If you were operating from the city of Kuala Lumpur, what call sign prefix would you probably have?

17) Your ship has just gone from the Pacific Ocean to the Caribbean Sea through the Panama Canal. What general direction would you be heading?

18) Name three DX countries and call sign prefix that have mountains that are higher than 20,000 feet.

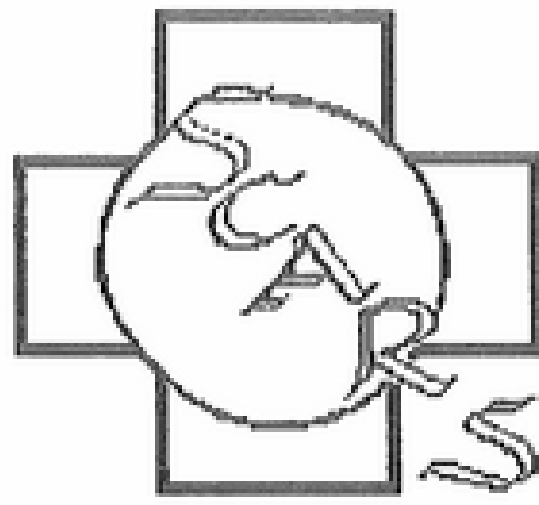
19) What do P5, VU4, and BV9 have in common?

20) What do Y2 and ZC6 have in common?



Answers:

- 1) Montserrat VP2M, Mexico XE, Japan JA, Hawaii KH6, Guatemala TG, Italy I, (just to name a few, there are many more)
- 2) Colombia HK, Brazil PP, Gabon TR, Zaire 9Q, Indonesia YB
- 3) Bolivia CP, Paraguay ZP
- 4) Indian Ocean, Sri Lanka 4S, 8Q Maldives, VU7 Andaman & Nicobar
- 5) Cuba CM, CO lies north of Jamaica 6Y
- 6) Sudan SU
- 7) Libya 5A, Tanzania 5H, Nigeria 5N, Madagascar 5R, Uganda 5X, Kenya 5Z
- 8) France F, Spain EA, Algeria 7X, Mali TZ, Ghana 9G
- 9) United Nations headquarters 4U4UN in New York.
- 10) Sweden SA, Finland OH, Estonia ES, Denmark OZ, Poland SP
- 11) France
- 12) Q
- 13) Alaska KL7, USA W, Canada VE, India VU, Nepal 9N, Greenland OX
- 14) Pitcairn Island VR6
- 15) Republic of Belau, T88T
- 16) 9M Malaysia
- 17) Northwest
- 18) China BY, Bhutan A5, Pakistan AP, Chile CE, Venezuela YV, Argentina LU
- 19) They are all within the top ten most-needed DX countries.
- 20) They are deleted countries - East Germany Y2, Palestine ZC6.



## South Canadian Amateur Radio Society

Minutes - SCARS Regular Monthly Meeting  
Saturday, 9 August 1997

Don, KJ5KB - substitute scribe for Jeff, KE5EB (on vacation)

The monthly meeting of the South Canadian Amateur Radio Society was held on Saturday, August 9 at the Cleveland County Red Cross Building in Norman at 9:30 AM.

We arrived to find that a first aid class had inadvertently been scheduled in the room we normally use for our meetings. Fortunately, it was glorious weather, about 70 degrees and a light breeze, so we retrieved some chairs and held our meeting outside in the shade. After our usual introductions, we proceeded with our usual agenda...

### Repeater Report

-Ken, N5BEW has added a ~12dB preamp to the 147.66 (+shift) receiver on the 147.06 machine. This seems to be working well, with no desense noted. Performance of this repeater is noticeably improved; I recently spoke with Ken via 147.06 while he was near mobile near Sulphur-A major improvement over where we were about a year ago!

### Treasurer's Report

-Sara, KC5ABA reports that the club funds are still there, and in good shape (i.e Don hasn't yet appropriated them to buy that Ten-Tec HF rig he's been wanting!)

### Ham Holiday Report

-Louis, KC5ABI, gave his thanks and appreciation to all those who helped out at the Flea Market at Ham Holiday. Things went along smoothly, although the turnout was not as we had expected. (My Comment-Louis did an excellent job!)

### Other Items

-Dennis, KC5EVH has volunteered to coordinate Field Day activities for 1998. A central point of contact, and some advance planning should provide for 'smooth sailing' (or smooth DXing???)

-Don, KJ5KB (me) suggested we consider a joint Field Day with the OUARC. At the last 4 SCARS Field Days I have attended, we get set up quickly, but the operating positions often go unmanned due to a lack of interested operators.

OUARC had exactly the opposite problem; some teething pains in getting set up, but operators were having to wait their turn. I suggest a combined Field Day would give us the best of both, and would foster goodwill between the clubs.

-Don KJ5KB (me again) asked for volunteers for a work session at the Red Cross radio room (club station) on 16 August.

We adjourned at 9:50 AM.

I apologize for the short (and not very exciting) minutes, it really was a short, concise meeting. I sincerely hope I did not leave out any other important items.

### Post-Meeting Updates

-Radio Room Fixup...No one showed on the 16th, so we tried again on the 23rd. Still no volunteers, but since I was there, I started to take down the furniture and painted about half the room. Sunday the 24th, JC, KC5DMI, Mark, KC5YWM, and I completed the job. It sure looks better with a new coat of paint. It'll be even nicer when we get the new furniture. I'll be looking for helpers again soon.- Club Radios...Jeff KE5EB returned from his trip and checked out our TS-120 HF rig. He found several minor problems, which he was able to repair at no cost.

Next challenge for him will be our Kenwood 2m rig...

-Cleveland County Red Cross...Volunteers are still needed to help with Disaster Communications. All necessary training will be provided free. If interested, please contact me at 321-1673 between 10AM and 9PM any day, or at my email address below.

73 de KJ5KB...

Don Byrer, KJ5KB  
SCARS Vice President and acting Secretary  
dbyrer@telepath.com

*Editors Note: I was asked to publish the minutes from the SCARS June meeting as they had not been printed in the past. I am sorry as I do not have them on my computer. I either erased them in housecleaning or did not receive them. Sorry for that, however if the secretary could forward them to me I will print them in next month's issue.*

*The Editor*

## U. S. COSMONAUT CALL

Russian Cosmonaut Valdimir Titov, has become a U. S. licensed ham. Titov, now KD5AOS, took his test at a Clear Lake Amateur Radio Club test session on Saturday May 10th. Titov is scheduled to go on a shuttle mission in September that docks with the Mir. By the way. Talk about a call sign perfect for a ham in space. KD5 Acquisition Of Signal. (Via AMSAT, ARRL)

## ARRL RFI EXPERT

And speaking about perfect call signs, how about this one. ARRL Lab Supervisor Ed Hare, the League's point on issues dealing with radio frequency interference, recently took advantage of the vanity call sign program to obtain an apropos new call. He is now known as W1RFI. Under his former call sign, KA1CV, Ed has been well known among members of the QRP community. (Via ARRL)



## Oklahoma DX Association

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

Hello everyone. Well, another summer is drawing to a close and cool weather and crimson leaves are not far away. That means that the DX and Contest season is nearly upon us. It's time to get revitalized, repair the antenna, dust off the rig, and get ready for improving DX.

We have made a decision to hold the annual OKDXA Banquet in Tulsa area this year.

It will be on the announced date of November 8. Details appear in this newsletter. I think this is a super idea and thanks go to our President-elect, Bruce, K5PX, for making the arrangements. The Broken Arrow location gives all those people in eastern Oklahoma, western Arkansas, and southwestern Missouri an opportunity to attend the Banquet without driving far. I hope to see those folks there. Let's make this bigger than ever.

My term as President of OKDXA is coming to an end this month. I must say that I enjoyed being associated with each of you. OKDXA is a world class organization. I hope that I have been able to improve the Association as those who served before me have done. As with most endeavors of this type, I feel I could have done more and wish I had had the energy and time to do more.

I thank all those who helped further the Association. I will not attempt to list them here because I will later think of someone I missed. I have and will be thanking them individually.

I will certainly remain active and will be supporting the new officers in any way possible. I hope you will do the same. Have a great fall and winter. I will see you at the Banquet.

Jim, K5TT

### THE CONTEST CONTINUUM

#### *Building a Contest Station*

#### *continued*

(This month Coy continues to relate his tower raising experiences. In this installment we will read that it is often sore muscles, and not "necessity" that is the mother of invention! Next month Coy talks about tensioning guys, Phillystran guy material and running coax to the tower. Enjoy! Ed.)

I was at the 70 foot level when I wrote last month's installment. Little did I know how slow it was going to go from there. First, I need to explain how I was raising the sections.

The obvious is that I was using a gin pole. However, at about the 40 foot level I figured out that raising the sections by hand was not fun. I bought a 4 inch pulley and placed it at the bottom of the tower. I ran the gin pole rope through the pulley and to the lawn tractor. All I had to do was drive the tractor across the lawn and up the sections would go. I had to be careful that it didn't snag a guy or hang in another section on the way up but it worked real well. Caution! If you use this method, don't get off the tractor without setting the brake. On the 6th section with the guys attached, it was a little heavier than the other sections and I was having a problem getting it to miss the northeast guy. I had been killing the tractor with it in gear and it usually wouldn't budge. This time I placed it in neutral, jumped off to use one of the guys as a tag line to pull it away from the northeast guy. When I got off, it started moving rapidly back toward the tower. I managed to get back on before it did any damage. Then at the 9th section I ran out of lawn before the section made it to the top. I backed the tractor up as close as I could to the tower and stood the section on end and made it just as the tractor reached the fence. So for the 10th section, I had to go back to pulling by hand, at least for the first 15 feet or so.

### ----- DX NEWS -----

• **Kure, KH7K,** scheduled QRV for September 26 ...

OKDXA member Frank Smith, AH0W, will participate in a Central Arizona DX Association DXpedition to Kure this month. Here is the news release from CADXA member Gary McClellan ....

"The Midway-Kure DX Foundation announces plans for a multi-national team DXpedition to Kure Island, KH7K, set to take place September 26 through October 3. This will be an all-mode, all-band operation. Team members include UA3AB, W0MY, SM0AGD, KH7K, AH0W, and a JA op to be announced.

As with MKDXF's AH4/AH0W Midway operation, there will be a concentrated effort to work those areas of the world where Kure is most badly needed, such as Europe, as well as special emphasis on low band operating. The DXpedition will be conducted in tandem with fish and wildlife scientists who will accompany the team.

QSLs go to KE7LZ. For more information contact: Gary McClellan K7ZD k7zd@phnx.uswest.net

• **Latest on the DXpedition to Willis Is., VK9**

"We will be departing Cairns, Australia on 9 September at 0000Z and expect to have the first station on the air sometime on 11 September for 11 to 12 days. The call signs for the DXpedition to Willis Island are:

VK9WY - YL's

VK9WM - OM's

On the trip back we hope to operate from Holmes and activate a new IOTA (OC??). The following call sign will be used for Holmes reef and /MM.

VK4YN - Holmes Reef and /MM

Hope to work you all! Ann WA1S / VK9WY"

• **Macquarie, VK0, QRV times ...**

(The following is a portion of an email sent out on the Internet DX Reflector by Simon, VK1AUS ... Ed.)

"I have spoken to Tom VK0TS and he has been very busy with repairs to equipment

on Macquarie so was away from the main camp for over a week.

Tom has given me some times and freqs that he can manage at the moment and as time permits he will be able to make some more.

- Thu 09:30Z-10:45Z  
7.075 or 7.070 Mhz
- Sun 10:00Z - ?  
3.570 and 3.798
- Mon 09:30Z-10:30Z  
3.570 and 3.798 Mhz
- Tue 04:00Z - 04:45Z  
14.222 Mhz

That's it for now. Tom can work CW and SSB and he can work most bands. The problem with working any other bands other than 20, 40, and 80m is that to change to other bands he has to go and change the link in a box 500m away from the main radio room. This can be a real problem when at the moment it is winter on the island and its total white out most of the time. I keep telling Tom to train a couple of penguins to go and change the link for him hi hi.

I am still working on Tom to get some more times from him as I know the east coast USA and a lot of Europe still need to work Macquarie. 73s all and good DX! Simon VK1AUS

#### • Book on DXpedition basics ...

For those who want to dig deeper into proper operation by DX and DXpedition stations, there is an excellent publication written by Wayne Mills, N7NG called DXpedition Basics. While it is aimed primarily at DXpedition operations, all DX could benefit from the advice given therein. It was published jointly by ARRL and INDEXA and is still available from INDEXA, P.O. Box 607, Rock Hill, SC 29731. The cost is \$5.00 including shipping (surface mail to DX). 73 de Wayne Carroll, W4MPY

#### ----- OKDXA STUFF -----

• *Announcing the 1997 OKDXA Banquet!* Most of the plans for this years OKDXA (the 3rd annual) Banquet have been formalized. This years event will move to

the Tulsa area. Here are the details that are finalized as of press time.

Date: Saturday, Nov 8, 1997  
Time: 4:30; dinner at 5:30 pm  
Location: Broken Arrow, OK  
Broken Arrow Church of Christ  
505 E. Kenosha

Dinner: Catered by the Rib Crib (brisket, ribs, ham, beans, potato salad, bread ... etc.)

Speakers: Bill Kennamer, K5FUV, manager of the ARRL's DXCC program, and OKDXA member Frank Smith, AH0W, who will present a program on last year's Midway DXpedition, AH4/AH0W.

Cost: TBA. We have not yet compiled a complete estimate on the total expenses as yet. We want to make the banquet self-supporting but at the same time we want to charge only what is needed. Ticket prices will be \$20 or less per person.

Registration required: Attendance is by reservation only. Reservations will go to Jim Hood, K5TT. A registration form will be mailed to the membership and included in next month's C&E. The registration cutoff will be November 1.

#### • Club contesting!

I (K5TT) will be coordinating a new activity for OKDXA ... Club Contesting! We will be competing against other clubs/associations throughout the USA and even the world. This competition makes your participation and your score in the major contests very important. Even if you only have a little time to participate or are only able to make a few contacts, we need you points.

In general, all members scores are added together to arrive at the club score. If you are interested and did not get on my participation list at Ham Holiday, please send me your call by email

k5tt@contesting.com

or by phone at - 405/732-6131, or by mail at

11623 Smoking Oaks Drive  
OKC, OK 73150.

If you do so, I will place you on the information distribution list. I think this will be a fun activity and hope that you will participate. Jim, K5TT

• *New Associational year starts October 1*  
The OKDXA will start it's 1997-1998 Associational year on October 1. This is the date that our new officers take office and also when our 97-98 dues come due. To date we have 17 members paid up for the new associational year.

We hope that all of our members will continue to help support the OKDXA.

• *Please enclose any updates when you renew*

When you send in your 1997-98 dues (you are going to send in your dues aren't you?! ha) please remember to provide changes to "personals" where needed. If you have one of the blue OKDXA membership applications feel free to use it. If there have been no changes just fill out your name and call sign. Otherwise fill out those items that need updating. Send in your renewals to ...

Mark Byard, N5OGP

504 Foster Ave.

Ponca City, OK 74601-2519

... and thanks!

• *Welcome new member!*

Roy Throne, KB5STV, a firefighter with the Ada Fire Department, is our newest OKDXA member. Roy brings our membership up to 107! Welcome Roy!

• *New Officers start on Oct 1*

President - Bruce Burnette, K5PX, Broken Arrow

Vice President - Craig Boyer, AH9B, Edmond/Arcadia

Vice President - Dave Land, KD5FX, Ponca City

Secretary/Treasurer - Mark Byard, N5OGP, Ponca City

• *VK0IR Video still available for loan to OKDXA members*

Many of our OKDXA members have enjoyed viewing the Association's copy of the VK0IR, Heard Island video.

If you would like to view the video please drop me an email, a note in the mail, or give me a call and I'll put you in the que for viewing.

Our procedure is to daisy-chain the que ... the last viewer mails it on to the next in the que, and etc. There is no need for it to come back to me each time; that would waste postage. So when the video is coming to you, you will also receive the address for the next viewer. Just package it securely and ship it on. It is a GREAT way to spend 55 minutes.

Currently we must limit viewing to OKDXA members only.

• *New call sign*

Charles Alden (ex-KC5OVC) has recently upgraded to Advanced Class. His new call is KM5LE. Congrats to Charles on his upgrade!

• *Email update/changes*

Here are this month's changes and/or additions to the OKDXA email list.

Throne, Roy KB5STV  
adafd@chickasaw.com

If you are a member of the OKDXA and you have an email capability (and you wouldn't mind having it published in this NL) please email it to your Editor, N5OGP. Thanks!

• *AB5UA makes 100 on CW!*

Hearty congratulations are extended to OKDXA member Clif, AB5UA, in Earlsboro. Clif just received confirmation of his 100th country on CW. Clif has 190 countries worked on his mixed award.

• *Thanks for those helping with the weekly OKDXA net*

Several of our members have volunteered to help and others have just jumped in and helped with NCS duties for our weekly net. My thanks goes out to KD5FX and N5PC for offering to perform backup-NCS duties. Furthermore my thanks goes out to N5OK and K5TT who have jumped in and taken the net when I've had to be gone.

Due to medical problems in my and my wife's parents I may not be able to perform NCS duties for a few weeks. Thanks again to those who will step in and help!

• *OKDXA Web site gets some housecleaning*

We've done some "housecleaning" to our web site and deleted some older materials that has been on the site since its inception. This has become necessary because it was occupying more than the 2 Mb of disk space allowed by my ISP. ha As always, if you have corrections, suggestions for the web site please advise. I'll pass along your ideas to our webmeister. Thanks, N5OGP.

----- MISCELLANEOUS -----

• *SWL card saves the day!*

In the September issue of WORLD RADIO, N6WR made a comment about N6JM's "Not in the log" experience which reminded me a similar situation I had several years ago.

After spending several days chasing a rare African station on CW (9U I think) I finally managed to get through for a contact. Within a day or two I sent my card to the manager and waited. Three or four months later my card was returned with a note attached indicating they couldn't find me in the log. I was disappointed of course, but not a lot I could do about it.

Then 8-9 months later I received a batch of cards from the incoming bureau. As I sorted through the cards I ran across a card from a Russian SWL who reported hearing me work the African station. I couldn't believe the luck!

The next thing I did was fill out two QSL cards. One to the SWL thanking him for the report and another to the manager of the African station along with the SWL card. I received a reply back from the manager of the African station within a month or so, this time with a QSL to confirm the contact.

Some people complain about SWL QSLs, but I've never found it to be a problem and in fact on one occasion a SWL card

"saved the day." 73, Jim  
VK1FF/WB2FFY

• *Carpal Cluster Syndrome ALERT!*

Recently medical researchers have discovered a psychosomatic link between Carpal Tunnel Syndrome and the growing inability of DXers to spot DX on DX PacketCluster systems. Recently classified by JAMMA as Carpal Cluster Syndrome (CCS), this condition is becoming a common and troublesome condition that has invaded many systems throughout the country. CCS interferes with the voluntary use of the hands to spot DX. It's caused when too much pressure is placed on peers for spotting DX that is not of "honor roll" rarity.

Researchers at the University of Noswet have determined that a variety of anatomical abnormalities may be responsible for the covert and overt assaults on DXers who have not forgotten what having fun is. Once symptoms of intimidation appear, the condition frequently worsens and long term stifleation may occur. However, CCS is treatable if diagnosed early.

Take action early! It's always best to prevent a serious medical condition and CCS is no exception. But if you begin to notice CSS's symptoms, do not wait for them to become unbearable. Temporary relief occurs after the DXer spots 3-4 DX stations on their cluster. Long term relief and even total cure can occur in as little as a few weeks of unbridled DX spotting, on all bands, at all times of the day or night.

For more information on how to spot DX, contact your local sysop and ask him how you can help reverse this terrible disease invading our hobby. :- ) de K9MK/5

• *1x1 special event call sign rules (ARRL Bulletin 48, August 21, 1997)*

New FCC rules to obtain one-by-one call signs for special events have been implemented, and four coordinators have been authorized to handle call sign requests. The first special event call sign, W3W, was coordinated August 20 at the request of the Scranton Pocono Amateur Radio Klub (SPARK) of Scranton,

Pennsylvania. W3W will be activated October 11-12, 1997, during the Steamtown Marathon.

On August 18, the FCC authorized the ARRL, The W5YI Group Inc of Arlington, Texas, the Western Carolina Amateur Radio Society/VEC Inc of Knoxville, Tennessee, and the Laurel Amateur Radio Club Inc of Laurel, Maryland to "coordinate, maintain and disseminate a common database of amateur station special event call signs." The National Conference of Volunteer Examiner Coordinators (NCVEC) maintains a shared database so that both requesters and coordinators will know which call signs are available at any given time.

The FCC says that special event 1x1 call signs are authorized for use "in conjunction with an event of special significance." This suggests an event with high public visibility, as opposed to a routine ham radio contest or other operating event. However, a special event call sign could be used in conjunction with a contest if one were to occur within the call sign reservation period.

The four special event call sign coordinators have the authority to determine if a request is in keeping with the intent of the special event call sign system. Any licensed amateur may request a special event call sign. Call signs may be requested up to one year in advance of their use on the air. Call signs normally will be granted for periods of 15 days or less. Because of the limited number of call signs available, requesters are encouraged to limit their requests to the duration of the special event.

A block of 750 call signs is available for use in the special event call sign system. The format of each 1x1 call sign consists of a single letter K, N or W prefix followed by a single numeral, 0 through 9, followed by any single letter except the letter X, which is not available to amateur stations.

For more information on the special event call sign system, call 860-594-0300 or e-mail [vec@arrl.org](mailto:vec@arrl.org). You also can contact

any of the other special event call sign coordinators.

Obtaining a special event 1x1 call sign ... See the following URL for the current data base of assigned call signs and other program details:

<http://ncvec.spindle.net/index.htm>

To place your request, please provide the following information and return your request to "[vec@arrl.org](mailto:vec@arrl.org)" via email (or by fax or mail), or to any of the other coordinators:

Desired 1x1 Callsign: (list from one up to several choices to ensure availability)  
 Start Date: (mm/dd/yy)  
 End Date: (mm/dd/yy)  
 Event Name:  
 Requestor Name:  
 Requestor Call Sign:  
 Requestor Address 1:  
 Requestor Address 2:  
 Requestor City:  
 Requestor State:  
 Requestor Zip Code:  
 Requestor Phone:  
 Requestor Email:

73, Bart J. Jahnke, W9JJ  
 Manager, ARRL/VEC  
 225 Main St  
 Newington CT 06111

• *That's all for this month*  
 73 de N5OGP sk

## EQUIPMENT THEFT

A Canadian ham club has been robbed of its station. On the morning of June 26th at about 3 AM the emergency command post of the COBRA Radio Club, of the Niagara region was broken into by thieves who made off with a good portion of the clubs equipment. These radios were used for A.R.E.S and CANWARN communications work. If you have any information about the equipment please contact the Hamilton Region police.  
*(Via RAC)*

## DX

In DX, CO2OJ reports that winds in excess of 120 kilometers per hour have taken down his six and two meter yagi antennas. Oscar says that he also has a damaged mast but hopes to have his antenna system back up and working as soon as he can.

*(Via CO2OJ)*

## DELETE THIS REALLY HOT NUMBER

Bob Gonsett's CGC Communicator tells the story of a lady in Bloomington, California who called the fire department to obtain earthquake information. She was given a California Office of Emergency Services 800 number to call, but what she got was not exactly what she was expecting.

It seems that the California State OES once had an earthquake hot line at its temporary Pasadena Disaster Center. It was discontinued about 1 <<years ago. And since telephone numbers are in short supply, the telephone company reassigned the number to what only can be described as a truly HOT line!

*(Via CGC Communicator)*

## AMATEUR RADIO AND THE INTERNET

More repeaters are adding linking worldwide on the Internet. One of the latest is Washington, DC's Green Mountain Repeater Association. Green Mountain is not only connecting their repeaters 146.61 and 146.88 MHZ to other repeaters around the country but to hams worldwide as well.

According to Murray Green, K3BEQ, the linking of amateur radio to the computer world is a slow process that will take time for some of our amateurs to accept. He says that the repeater to internet connection may not be as revolutionary as the explosion of repeaters in the 70s. It is however quickly becoming another method of extending the range of repeater transmissions. This, for amateurs to explore, use and enjoy in the best interests of amateur radio and public service.

*(Via K3BEQ)*





## Oklahoma City Autopatch Association

OCAPA Meeting Minutes August 19, 1997

The meeting was called to order by the President, John Brassfield, N5SAM, at 1942L.

Introductions were held. There were 25 members and 1 visitor present.

Treasurer's Report: The treasurer's report was read by Bob, WA9FCT. A motion was made and seconded to accept the report as read. The motion passed.

Secretary's Report: A motion was made and seconded to accept the minutes of the July meeting as published in the C&E. The motion passed.

Field Day Report: Loyd, AB5I gave a brief summary of our Field Day effort. The results were submitted to the ARRL this year!

Technical Committee Report: Loyd, AB5I reports the 444.3 repeater is back to normal operation. There will be an Antenna Party Saturday at 7:00 a.m. to do some much needed work at the repeater site.

CORA Report: Hal, KB1ZQ reports that Ham Holiday was a success. Attendance was good and the vendors report good sales. Next year's Ham Holiday will be the Oklahoma State ARRL Convention. Please attend the CORA meetings and find out where you can help with Ham Holiday 1998. There will also be a National ARRL/TAPR Convention in October somewhere in Oklahoma.

Brad, KJ0W expressed appreciation to Hal and Linda, N1LPN for all their hard work on Ham Holiday.

There was some discussion about the books the club is going to purchase and donate to Deer Creek School. The committee will select the books.

Salvation Army Emergency Station Report: Brad, KJ0W reports all the antennas are down off the Salvation Army tower and are ready to be overhauled. Brad is looking for individuals to "adopt" one of these antennas and to repair it. If you are interested in this very worthy and easy project, please contact Brad.

Don, N5ENO gave a report on a new type of light pole base being used by O. G. & E.

C&E reminder: Please check the back calendar of the C&E for the monthly deadline. Please get your reports and articles in early and do not wait until the last minute.

Elections: Cheryl, KB5WQR did a fantastic job of heading up the nominating committee and conducting the elections. The results of the elections and our new officers are as follows:

President: Loyd, AB5I  
Vice President: Sam, KL7V  
Secretary: Austin, AA0QX  
Treasurer: Mac, K2GKK

Congratulations!

Meeting adjourned at 2030L. Refreshments were served after the meeting. Thanks Ladies!

Respectfully submitted by Sam, KL7V

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### CB MIXUP GETS HAMS STUNG BY NEW MILWAUKEE ANTENNA ORDINANCE

Milwaukee, Wisconsin hams are on their way to having to live with a new and highly restrictive antenna ordinance because the city council cannot tell the difference between CBers and hams. This according to Scott Frakes, KB9PRG who

tells Newsline that on July 25th, the City of Milwaukee Common Council passed the restrictive measure aimed in part at taking 11 meter Class D CB operators off the air and sent it on to the Mayor for signing.

The new law will require a Special Use Permit, and a hearing before the Board of Zoning Appeals for a tower to be erected. The law will cover any tower and antenna that is over the maximum height limit of 40 feet.

The ordinance also increases setback requirements, that would in many cases preclude even getting a Special Use permit. It also has provisions that the proposed tower must not be a deterrent to the area. There are other provisions, many aimed at commercial towers.

But here is the CB related kicker. As said, the new law was not only aimed at limiting the number of commercial towers in the city. The council also wants to put an end to CB interference to consumer electronic equipment.

In years past, amateur radio towers were specifically exempted in Milwaukee. However, the committee that this ordinance came out of was also talking about interference problems with CB radio operators, and made reference to the fact that this might get rid of CBers as well. So they took out the exemption for amateur radio, thinking that this was for CB radio.

What hams in Milwaukee will be able to do to educate their legislators at this late date remains to be seen. Its also not known if existing towers and antennas will be grand fathered under this new Milwaukee tower law.  
(Via KB9PRG, others)

### SATELLITE LICENSES

The FCC has issued an Notice of Proposed Rule Making that seeks additional comments on a framework to allow satellites licensed by other countries to provide service in the United States. The comment due date is August 21st with replies due no later than September 5th.  
(Via FCC Release)



## Edmond Amateur Radio Society

### August 6<sup>th</sup> Board Meeting

The meeting was called to order by President, Jay Lytle, KB5VDH, at 7:05 p.m. at the Edmond Emergency Operations Center. There were 12 Board and Club members present. The Minutes of the last Board meeting, and the Treasurer's Report ending 7/31/97 were presented and accepted.

Emergency Management Coordinator, Ken Stepp, N5DBM reported that the simulated emergency training session on 8/2/97 went well, with 14 participants. Training nets are planned for the first Saturday of each month from 11:00-11:30 a.m. beginning in September, immediately preceding the monthly siren tests. A tour of the National Weather Service in Norman will be held Saturday, 9/13/97 at 9:00 a.m. Those interested can meet at the Weather Service, or join some of us at 7:30 a.m. at Jimmy's Egg on Main Street in Norman.

Dee Mize, WD5FHR reported that the coax has been pulled at the Club Station to facilitate the City's roof repairs. Dee will obtain sand bags for anchoring the dipole leg on the roof.

There was discussion on the purchase of a dual band radio for the EOC and another for the Club Station. Various options are being considered and radios will be purchased shortly as the Board has previously allocated funds for this purpose.

A motion was made to appoint Jim Richardson, N5OHL to the Board position vacated by David Wolf when he moved up to fill the V. P. position. The motion

passed unanimously. A second motion was made and passed to appoint Jim Richardson to the position of Net Manager, effective immediately.

The Club's assistance at the Registration Desk at Ham Holiday went well this year. Full details of the success of HH'97 will be presented at the 8/26/97 CORA meeting, and will be relayed to the Board at the September meeting.

A motion was made and approved that the Club participate in Boy Scouts Jamboree On-the-Air October 18<sup>th</sup> and 19<sup>th</sup>. An ad hoc committee of Sam, W5CU; Jay, KB5VDH; Dee, WB5FHR and Harold, WA5ZKX was formed to prepare for this event.

Amateur Radio Public Awareness Day is September 20<sup>th</sup>. This Day coincides with EARS' participation in the Edmond Classic Car Show. The Club will display their banner and Club vests at this event, and will prepare a press release for the local paper.

The Club's power supply was found to be working fine, after a trip to the repair shop. The Yaesu 757 will be tested to determine if the problem is in the power supply or in the radio itself. A motion was passed to authorize funds for repairs, if needed.

An ad hoc committee consisting of John, WB5SYT; Clara, KG5UG; Sharon, KM5GV; Jim, N5OHL and J. B., K0JF was formed to begin planning and preparations for this Fall's Novice/Tech classes. The Committee will provide the Board with details at the September Board meeting.

The meeting was adjourned at 8:34 PM.

### August Dinner Meeting

We had a terrific August Dinner meeting at Pepe's in Edmond on Saturday, August 16<sup>th</sup>. The group was out in force; there were 51 Club members and guests present. After we filled ourselves with tacos and salsa, President Jay Lytle KB5VDH, introduced our new Club Vice President, David Wolf, KC5KJE. He also announced that Jim Richardson, N5OHL

will fill the vacant Board position for the remainder of this year, and will be our new Net Manager. We know both will do a terrific job in their respective roles.

Treasurer, J. B., K0JF showed the group the EARS logo stickers which are available for sale. A portion of each sale will go into the scholarship fund.

Secretary, Sharon, KM5GV gave information concerning the upcoming Novice/Tech licensing classes to begin on Sept. 7<sup>th</sup>, and thanked everyone who participated in the recent blood drive.

Hal, KB1ZQ, President of CORA reported on the success of Ham Holiday '97 and announced that next year, on the 25<sup>th</sup> anniversary, CORA will also host the ARRL State Convention. He expressed the need for volunteers to help with this. CORA meets on the 4<sup>th</sup> Tuesday of each month at 7:30 PM at the Salvation Army building.

Full, satisfied and well-informed, the group adjourned at 7:45 p.m. Next month's Business Meeting will be Sunday, Sept. 21<sup>st</sup> at 2:00 at St. John's Catholic Church, Edmond.



### Dates to Remember

Monday Nights - EARS Information Net - 8:00 PM on 147.135 +

September Board Meeting - Wednesday, Sept. 3<sup>rd</sup> at the Club Station

Novice/Tech Licensing Classes - Begin Sept. 7<sup>th</sup> at 1:30 PM at the EARS Club Station

Tour of the Nat'l Weather Service - Saturday, September 13<sup>th</sup>. Meet at 7:30 AM for breakfast at Jimmy's Egg on Main Street in Norman, or meet at the Weather Service at 9:00 AM.

Edmond Classics on Broadway - Saturday, September 20<sup>th</sup>

September Business Meeting - Sunday, September 21<sup>st</sup> at St. John's Catholic Church

UCO Homecoming Parade - Saturday, September 27<sup>th</sup> -

#### *September Birthdays*

Onis Cox, KC5RPC	Sept. 1
Larry Traub, N5OL	Sept. 2
Edith Vaughn, KA5YPX	Sept. 6
Glo Guinn, KB5BGM	Sept. 6
Ron McCubbin, KC5QCV	Sept 10
Paul Freeland, W5ZVB	Sept. 14
Donald Rooker, NO5M	Sept. 15
William Green, N5YDU	Sept. 17
R.W. Payne, KA5TFO	Sept. 18
Beverly Estlinbaum, KA5WKQ	Sept. 20

#### *New Net Controllers*

The Monday Night Information Net on 147.135 is being infused with a whole herd of new Net Control Operators! Responding to a request for members interested in helping to handle net operations, many have come forward, eager to try their hand at it. We are excited about these additions. They will add their own variety and individualism to the Net. So be sure to tune in each Monday night at 8:00 PM on 147.135 +. *Who will be our Net Control tonight????*

Many thanks to all in the Net Control pool:

Jim, N5OHL  
John, WB5SYT  
Dee, WD5FHR  
Earnie, K5YKD  
Forrest, N5VWF  
Jay, KB5VDH  
Bob, KM5GZ  
Sharon, KM5GV  
Steve, KC5RYT  
Trish, KC5YBP  
Clarence, KK5RR  
Carl, KC5YKL

Anyone interested in being a Net Control Operator - please contact Jim, N5OHL, Net Control Manager.

#### *Blood Drive*

Quite a few Club members rolled up their sleeves the week of August 11-16<sup>th</sup> at the Oklahoma Blood Institute. Thanks to all

who gave. Remember, to activate the EARS account with the O.B.I. and to keep it active, we need between 35 - 40 donations per calendar year. Blood can be donated at any O.B.I. location at any time; just remember to indicate that it should be credited to Edmond Amateur Radio Society. Each donation (even repeat donations from the same person) will count toward our total. Besides helping in the ongoing need for blood in Oklahoma, an active account for EARS will ensure that all Club members and their families have access financially to blood products, if needed.

#### *Health/Welfare*

Dave, K0TYC continues to recuperate nicely from his recent surgery and gets more ornery every day (hi hi). Earnie, K5YKD recently spent a week in the hospital undergoing tests, and is doing great. Alan, WD5IKD and Onis, KC5RPC report that all their recent test results were AOK. A series of tests have not provided any answers for Jesse, KD5BFB, who continues to have some problems. Please remember him in your prayers. C. Weilbrenner, KD6FNY says his father, "C" Sr. had a stroke in early July. He is currently in a rehab facility and is responding nicely to treatment.

We extend our deepest sympathy to Mary Wells, KA5WHI and her family in the loss of her Father, Willie Gibson. We also want to lift up Jim Rynearson, KC5MJS and his family in the loss of his Mother, Catherine. Please keep all of these folks in your thoughts and prayers.

#### *Fall Licensing Classes*

As this issue goes to press, we are just a few days from the start of the Fall Novice/Technician Licensing classes. Classes will begin with Registration Sunday afternoon, September 7<sup>th</sup> at 1:30 PM and will be held at the EARS Club Station, located in the Edmond Downtown Community Center at 28 E. Main. The classes will run 8 weeks through September and October, with V.E. testing on Sunday, November 2<sup>nd</sup>. The classes will cover the Novice and Technician Theory, as well as the 5 wpm Code. For further information, or to register

someone, please call Clara Granger at 341-2968.

#### *HAM HIGHLIGHTS*

Well, here we are again with another peek into "Hamdom" as we highlight members of our E.A.R.S. family. This month, I caught up with one of our busiest members, Clara Granger, KG5UG. As she flew from here to there doing what Clara does so well, I ran behind her with pencil in hand, to find out what makes her tick!

Clara lives in Edmond and currently holds an Amateur Extra license, KG5UG. She is retired, but as active as ever! Her son, Ed, W5EDX and grandson, Kyle, KB5KIU are licensed hams also, making 3 generations of amateur radio operators. Clara was born in Center Ridge, AR at the edge of the Ozark Mountains in a quiet, and beautiful area. Her family raised cotton, corn and hay crops for the dairy cattle. To this day, she still rises bright and early like she has done all her life.

When asked how she became interested in the hobby, she told us that in the Fall of 1988, her son, Ed, encouraged her to attend classes that the EARS Club was offering. He promised to be her Elmer when it came to the electronics part. So, she gave it a try. She remembers the instructor patting her on the back after one of the classes and encouraging her with a "See you next Sunday!" She was there, completed the course, and received her Novice license KB5HXN on December 12, 1988. Within the next 5 months, she had upgraded to Advanced, and retained her current Call when she upgraded to Extra in April of 1991. It looks like Ed was a humdinger of an Elmer!

Those of you who know Clara know what an outgoing and energetic person she is. She definitely has the Gift of Gab, so it didn't surprise us when we she said her favorite part of ham radio is rag chewing (hi hi). What did surprise us though was the fact that our Clara was once a nun! She says she had no problem with the prayer and spiritual side of the convent, but keeping silent was another matter!! (Sounds like Maria from Sound of Music, doesn't it?).

Clara's favorite mode of operation is HF CW. She has a Ten Tec 540 rig with an 80m Delta Loop and dipole on the roof. She checks into the Monday Night Net on her Kenwood 2500 hand held. She says she is not a contester. She would much rather enjoy the opportunity to get to know something about her contacts.

She says a highlight in her experiences was Field Day of 1990. She and 5 other hams held their own Field Day at her QTH. The sun spot cycle was good, and she says that is the day she truly discovered what a fun hobby Ham Radio is. Reaching out to the world was an exciting experience.

Clara has been an active and invaluable member of the EARS Club since 1988. She has served two terms as Treasurer, and has been part of the Calling Committee for more years than she can count. She has participated in parade staging, and numerous other Club activities over the years. She devotes a great deal of time each year helping to organize and administer the licensing classes and is the driving force behind many of the Club activities getting off the ground successfully. We all owe a debt of gratitude to this Dynamo. She is currently involved in keeping us all informed of the Health and Welfare of various member families, and she makes countless phone calls to keep us up to date. She single-handedly has taken on the work of writing a special, personal letter of welcome to all those who join the Club. She seems to thrive on being there to help whenever it is needed. She said, "After all, it's working together that makes life enjoyable, and at the same time being of service to our community."

Clara is one Special Person - a delight to know. Her friendly, outgoing manner and her heart for people epitomize all that is good about Ham Radio. She is our Ambassador at Large in the community, in the country, and around the world. Thank you, Clara, for all your contributions to this hobby and to our Club.

*There it is, folks. Tune in next month for another highlight.*

73 de Sharon KM5GV

#### *Emergency Simulation*

On Saturday morning August 2<sup>nd</sup> at 9:30 EARS had an emergency simulation which began at Gambill's Country Kitchen. The event which had been announced and planned for several weeks was under the direction of Tommie Guinn, KA5WAV, club assistant emergency coordinator.

The simulation involved an aircraft crash into Bryant Square Shopping Center which is on the southeast corner of Bryant and Second streets in Edmond. Before departing for the crash scene Tommie, gave an overview of EARS efforts in emergency services over the years to include assistance in locating lost persons, train wrecks, and the like. He discussed the regular scheduled events, i.e. parades, and how these events help us prepare for net operations in "life and limb" circumstances. Tom walked us through the event and the initial call requesting EARS emergency service activation.

At the scene we simulated communication with net control (Ken, N5DBM; EARS Emergency Coordinator) as well as exchanges between members working with security, police, rescue, triage and

other entities. Traffic included coordinating and assisting emergency service vehicles response to changing on scene needs of the injured. In a real event all this would be through Edmond Emergency Services. By the close of simulation at 11:30 a.m. (in the nip of time for the siren test) the practice event had produced 50 injured individuals being safely transported to area medical facilities for treatment.

EARS participants, in addition to those cited above, include the following:

Sam, W5CU  
Terry, KC5GDC  
Clara, KG5UG  
Sharon, KM5GV  
Judy, KC5SMI  
Hickster, K9HIC  
Jim, KC5MJS  
Onis, KC5RPC  
A. C., KA5WGV  
John, WB5SYT  
Dec, WD5FHR  
Clarence, KK5RR

Those responding and "on-standby" included Bob, KM5GZ; David, KC5KJE; Shelby, KA5YPE; Jay, KB5VDH; and Buford, KC5MXE. A post simulation review session was held at the Edmond EOC. Suggestions and "things we learned" will be shared at upcoming club events and future emergency service activities. A tip of the hat to Tom for his many hours of planning, communicating and organizing to help us improve our skills. Many thanks to all involved for commitment of time and energy on behalf of Amateur Radio preparedness.

John Thomason, WB5SYT

1631 SE 15th

677-9001

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*"country cooking"*

*Bryan, Cindy, Jennifer and Jessica*

Jim Nolen  
Enrolled Agent

Jimmie Nolen  
Steve Moore

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## A. R. R. L. Bulletins

From ARRL Headquarters  
Newington CT  
QST de WIAW  
To all radio amateurs

**ARRL Bulletin 49**  
August 26, 1997

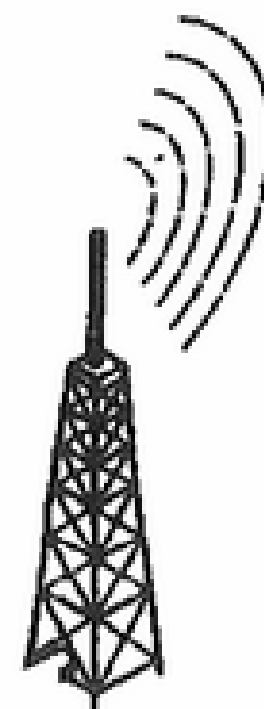
### *RF exposure update*

The FCC has revised the power level thresholds to trigger a routine Amateur Radio station RF exposure evaluation, and the changes will be welcome news for most hams. When the FCC first decreed a year ago that ham radio stations would have to comply with RF exposure guidelines, it set a 50-W threshold level. The updated guidelines, announced August 25, increase that threshold level on all HF bands except 10 meters, where it remains at 50 W. The FCC made no changes in the RF exposure limits it announced last year.

The new RF safety guidelines are scheduled to become effective January 1, 1998, for Amateur Radio stations.

The FCC went along in part with a request by the ARRL to establish a sliding scale for threshold levels, depending upon frequency. The revised thresholds are 500 W for 160 through 40 meters, 425 W on 30 meters (where the maximum permissible power is 200 W), 225 W on 20 meters, 125 W on 17 meters, 100 W on 15 meters, 75 W on 12 meters and 50 W on 10 meters. The threshold for all VHF bands is 50 W. On UHF, the threshold level is 70 W on 70 cm, 150 W on 33 cm, 200 W on 23 cm, and 250 W on 13 cm and above. Stations operating at or below these respective power levels are categorically excluded from having to perform a routine RF radiation evaluation. However, all stations, regardless of power level, still must comply with the RF exposure limits.

Along with its August 25 Second Memorandum Opinion and Order announcing the changes, the FCC released the "core" text of its long-awaited Office of Engineering and Technology (OET) Bulletin 65, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio frequency Electromagnetic Fields. The bulletin contains generic equations that can be used to analyze fields due to almost all antennas, although the FCC warns that "the resulting estimates for power density may be overly conservative in some cases." Hams leery of formulas might opt to wait for the easier-to-use Supplement B to OET Bulletin 65, which will include information designed specifically for evaluating Amateur Radio installations. The supplement promises to detail how hams can determine more simply if their individual stations comply with the new regulations. The FCC says the supplement will contain "information on projected minimum exclusion distances from typical amateur antenna installations."



The FCC said it would issue Supplement B "as soon as a review of the current draft is complete." When it's ready, Supplement B will be available to download from the FCC's Web site,

<http://www.fcc.gov/oet/rfsafety>

The FCC directed inquiries as to the availability of the supplement and other RF-related questions to its RF Safety Program, 202-418-2464; e-mail <mailto:rfsafety@fcc.gov>.

Last year, the FCC established time-averaged maximum permissible exposure (MPE) limits for RF fields in two tiers--

for controlled environments (i.e., a ham's immediate household, including visitors) and uncontrolled environments (i.e., neighbors, the general public).

If a routine evaluation of a ham station indicates that human exposure to RF fields could be in excess of the FCC's MPE limits, the licensee must act to correct the problem and ensure compliance. This could include changing operating patterns, relocating antennas, restricting access, changing frequency, output power or emission type or any combination of these and other remedies.

The FCC says that ham radio facilities "represent a special case for determining exposure, since there are many possible antenna types that could be designed and used for amateur stations."

The revised regulations categorically exclude most mobile installations, including those in the Amateur Radio Service, from having to comply with the RF-exposure or station evaluation guidelines. Since the FCC issued its guidelines, additional questions on RF safety have been added to the Amateur Radio examination question pool.

OET Bulletin 65 and the FCC Second Memorandum Opinion and Order are available at

<http://www.fcc.gov/oet/dockets/et93-62/>.

More details on the FCC's latest announcement on RF safety will appear in the October issue of QST.

**ARRL Bulletin 48**  
August 21, 1997

### *1x1 call sign rules*

New FCC rules to obtain one-by-one call signs for special events have been implemented, and four coordinators have been authorized to handle call sign requests. The first special event call sign, W3W, was coordinated August 20 at the request of the Scranton Pocono Amateur Radio Klub (SPARK) of Scranton, Pennsylvania. W3W will be activated October 11-12, 1997, during the Steamtown Marathon.

On August 18, the FCC authorized the ARRL, The W5YI Group Inc of Arlington, Texas, the Western Carolina Amateur Radio Society/VEC Inc of Knoxville, Tennessee, and the Laurel Amateur Radio Club Inc of Laurel, Maryland to "coordinate, maintain and disseminate a common database of amateur station special event call signs." The National Conference of Volunteer Examiner Coordinators (NCVEC) maintains a shared database so that both requesters and coordinators will know which call signs are available at any given time.

The FCC says that special event 1x1 call signs are authorized for use "in conjunction with an event of special significance." This suggests an event with high public visibility, as opposed to a routine ham radio contest or other operating event. However, a special event call sign could be used in conjunction with a contest if one were to occur within the call sign reservation period.

The four special event call sign coordinators have the authority to determine if a request is in keeping with the intent of the special event call sign system. Any licensed amateur may request a special event call sign. Call signs may be requested up to one year in advance of their use on the air. Call signs normally will be granted for periods of 15 days or less. Because of the limited number of call signs available, requesters are encouraged to limit their requests to the duration of the special event.

A block of 750 call signs is available for use in the special event call sign system. The format of each 1x1 call sign consists of a single letter K, N or W prefix followed by a single numeral, 0 through 9, followed by any single letter except the letter X, which is not available to amateur stations.

For more information on the special event call sign system, call 860-594-0300 or e-mail <mailto:vec@arrl.org>.

You also can contact any of the other special event call sign coordinators.

#### ARRL Bulletin 47

August 20, 1997

##### *Section Manager election results*

Ballots have been counted in the Section Manager election for the San Francisco Section. The term of office begins October 1, 1997.

The results are as follows:

In the San Francisco Section -  
Tom Orman, KD6VWD, 270 votes  
John Wallack, W6TLK, 318 votes  
Wallack was declared elected

Eight other sections were not contested. The following were declared elected:

In the Colorado Section  
Tim Armagost, WB0TUB

In the Georgia Section  
Nelson "Sandy" Donahue, W4RU

In the Eastern Washington Section  
Kyle Pugh, KA7CSP

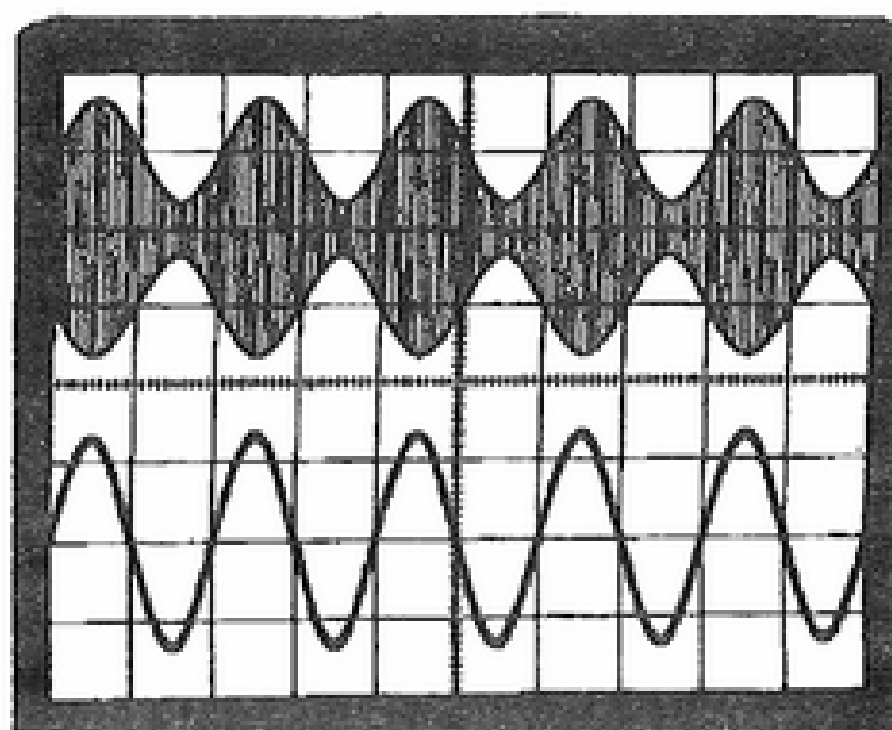
In the Los Angeles Section  
Phineas Icenbice, Jr., W6BF

In the Sacramento Valley Section  
Jettie Hill, W6RFF

In the South Texas Section  
Ray Taylor, N5NAV

In the West Virginia Section  
Olie Rinehart, WD8V

In the Western Washington Section  
Harry Lewis, W7JWJ



#### ARRL Bulletin 46

August 8, 1997

##### *ARRL studies new eavesdropping bill*

The ARRL is closely studying another bill introduced in Congress to beef up prohibitions against electronic eavesdropping. The bill, HR 2369, was introduced by Rep Billy Tauzin of Louisiana. Dubbed the Wireless Privacy Enhancement Act of 1997, it has scanner enthusiasts and equipment makers worried and could affect some Amateur Radio equipment. If passed, it would--among other things--amend the Communications Act of 1934 to ban the sale of scanning receivers capable of receiving transmissions on any frequency allocated to any Commercial Mobile Radio Service (CMRS). The CMRS is a relatively new umbrella designation of subscriber-based radio services that act like telephone services. In addition to cellular telephone, such services include commercial paging services, commercial air-to-ground services, offshore radiotelephone, personal communication services, and specialized mobile radio services.

HR 2369 would prohibit receiving, divulging, publishing or using any intercepted transmission, and subject violators to substantial fines or prison terms. It also would make it illegal to modify equipment so that it may be used to unlawfully intercept or divulge radio communications. The FCC would be charged with investigating complaints and enforcing the stiffer regulations.

As currently drafted, the bill appears to affect equipment available to scanner enthusiasts, hams who use scanning transceivers to receive out-of-band, and hams who use out-of-band capability for volunteer work. It would not affect ham frequencies, per se. The League's Legislative and Public Relations Manager, Steve Mansfield, N1MZA, says the ARRL is studying the bill to determine its long term implications for ham radio and ham gear. The ARRL has contacted Tauzin's office to express its concerns, and Mansfield says the League "will continue to work with members of Congress to

have the bill modified to reflect the needs of the Amateur Radio community."

The Tauzin bill comes fast on the heels of very similar, but less-stringent, legislation proposed by Rep Edward Markey of Massachusetts (see The ARRL Letter, Vol 16, No 29). The ARRL has met with Markey's staff to discuss the negative implications of HR 1964 for Amateur Radio. That bill was not given much chance of passage.

An incident last year in which House Speaker Newt Gingrich's cellular telephone conversation was illegally intercepted, taped and published by the media prompted calls in Congress for stronger anti-eavesdropping legislation.

#### ARRL Bulletin 45

August 8, 1997

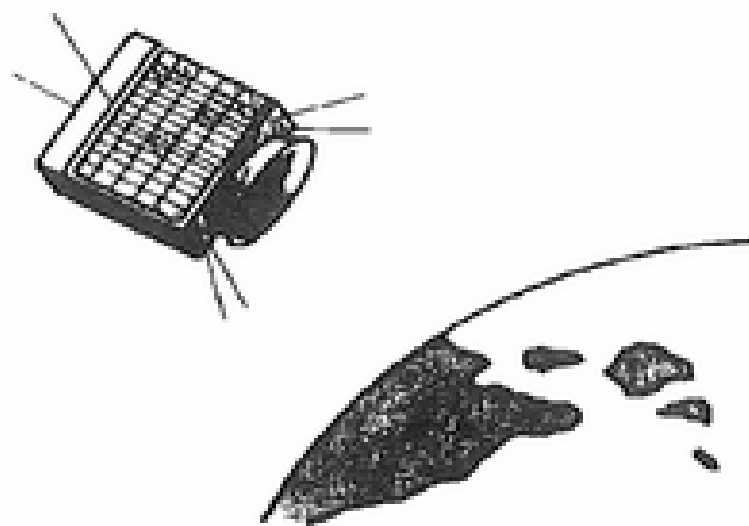
##### *One less Little LEO*

The Little LEO industry that has been seeking access to spectrum below 1 GHz, including amateur bands, is about to have one less player. On July 14, CTA Incorporated of Rockville, Maryland, and Orbital Sciences Corporation of Dulles, Virginia, announced an agreement for Orbital to purchase CTA's satellite manufacturing and communications service business units. The deal is expected to close in August.

Orbital is already in a joint venture with Teleglobe to provide Little LEO services through Orbital Communications Corp. (ORBCOMM). ORBCOMM's system is already licensed and is operational on a limited basis. Uplinks are 2400 bps FSK in the 148-149.9 MHz band and user downlinks are 4800 bps FSK in the 137-

138 MHz band, with beaconing in the 400-401 MHz band. In its press release announcing the acquisition, Orbital said that a CTA service it had purchased, called GEMtrak, may be expanded to use the ORBCOMM network in the future. GEMtrak is a system for tracking truck trailers and rail cars and their cargoes.

ARRL Executive Vice President David Sumner, K1ZZ, noted that the combining of CTA's satellite business with ORBCOMM's will reduce by one the number of companies seeking Little LEO licenses. "CTA was one of the companies that sponsored the ill-conceived and controversial 'flexible allocation' proposal that we had to oppose earlier this year," he said. "ORBCOMM did not endorse the flexible allocation concept."



The Little LEO issue is on the agenda for the World Radiocommunication Conference (WRC-97) to be held this fall. ARRL Technical Relations Manager Paul Rinaldo, W4RI, is a member of the US delegation. The US is now finalizing its proposals for the conference. At this point, no US Little LEO proposal for WRC-97 would affect ham radio.

#### ARRL Bulletin 44

August 8, 1997

##### *Electronic vanity applications flood Gate 3*

Gate 3 vanity filers flooded the FCC with nearly 1200 electronic and only around 300 paper applications Wednesday. The disparity was in apparent reaction to the FCC's announcement last month that it would give priority in processing to electronically filed vanity applications. But the actual number of electronic filers could be far less than the 1182 the FCC received on August 6. FCC officials in Gettysburg, Pennsylvania, believe that many hams filed more than one electronic application.

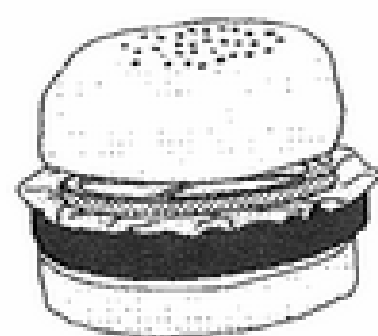
Whatever the final tally, the number of first-day Gate 3 applications was far fewer than the more than 3600 that showed up on the opening day of Gate 2.

The FCC will not begin to process the applications until the 10-day deadline to receive the 30 dollar(s) application fee has passed. Only applications for which a fee has been paid will be processed.

To clear the decks in anticipation of processing the Gate 3 applications, FCC personnel in Gettysburg have been making nearly daily runs of vanity applications that arrived prior to the opening of Gate 3 on August 6. As of August 8, the FCC had processed vanity applications received through July 11.

The FCC is not expected to begin processing the Gate 3 applications until mid-month at the earliest.

The vanity application fee increases to 50 dollar(s) on September 15. The FCC has not announced when it plans to open Gate 4.

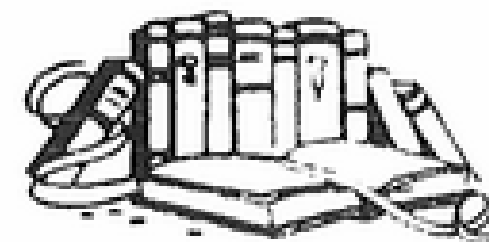


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## ANNOUNCEMENTS

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

VE exams on 4th Tuesday of even months are held at 1830 at the Altus Vo-Tech in Altus, OK. Contact George Mateyo AA1IJ 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 on the 1<sup>st</sup> Saturday of each month at 1430 in the Vinita City Hall sponsored by Northeast Oklahoma Radio Assn.

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.

## On the Air

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

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

6 meter check in 52.525 Mhz simplex

Packet check-in on 145.07

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

HF 3900kHz; Packet 145.07

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

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

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

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

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

**QCWA Chp 63 HF** - Sundays @ 8:00 on 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

## WATCH YOUR TOWER LEASES!

Meantime, if you have a repeater at a commercial or broadcast site, listen up. The July 21<sup>st</sup> edition of *Broadcasting & Cable* features an article entitled "The DTV Push Is On for 1998." In it, Ira Goldstone, the Vice President of Engineering and Technology for Tribune Broadcasting was asked about tower space issues in terms of locating the newly required DTV antennas. Goldstone says that Tribune "will lighten tower loads as leases run out."

The implication is that FM stations and probably most other sub-letters -- including ham radio repeaters may find themselves without suitable tower space so that tower owners can accommodate the needs of Digital TV.

As previously reported, tower space at all commercial sites will soon be at a premium. This as broadcasters have to more than double their transmitter facilities to accommodate Digital Television while also maintaining their old analog signal for years to come.

(Via *Broadcasting and Cable Magazine*, CGC Communicator)

## AMSAT-NA PRESIDENT SPEAKS OUT ON LATEST P3D DELAY

AMSAT President Bill Tynan, W3XO, has spoken out on the latest delay in the launch of the Phase 3D ham satellite. As reported last week, the European Space Agency has informed AMSAT that it will have to increase the structural integrity of the new ham satellite to be certain it survives launch. This last minute notification has brought cries of righteous indignation from a growing number of AMSAT North America members. Members who say that it was wrong of AMSAT to pin its hopes for a launch with one agency.

But in a letter to Bruce Paige, KK5DO, and posted to the AMSAT North America Bulletin Board, Tynan takes the offensive. He says that last minute adjustment in requirements such as those made by ESA are not unusual in the space and missile industry. He says that he encountered many such changes in his thirty-six years as a guided missile engineer.

Tynan adds: "It is not a matter of poor engineering, or bad faith, on their part. It's merely that sometimes these things happen when the state of the art is being pushed."

As to when Phase 3D will be launched, Tynan will not comment to a specific date. Instead he says that at this juncture everything is only speculation which he will not enter into. Instead he notes that all negotiations with ESA are in the hands of Dr. Karl Meinzer, DJ4ZC. Meinzer is the P3D Project Leader.

Tynan says -- and we quote -- "We can only hope that Dr. Meinzer will be successful in arranging something suitable for a launch if we are not able to go on 502."

In closing, Bill Tynan, W3XO adds simple prayer. He says: "Keep the faith!" (Via AMSAT-NA BBS)

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## August 3 to September 6, 1997 Schedule of Events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
7 VE Exams ARC	8	9	10	11 7:00 p.m. Altus Area ARC	12	13 09:30 a.m. SCARS
14 1:30 p.m. Wheatstraw	15 6:00 p.m. CORA VE Exams 7:00 p.m. CARC	16 7:30 p.m. OCAPA	17	18 5:30 p.m. VHF Club	19	20 9:00 a.m. VE Exams SBC
21	22	23 7:00 p.m. Shawnee VE Exams 7:30 p.m. CORA	24	25	26 <b>C&amp;E Deadline</b> 	27
28	29	30	1	2 7:00 p.m. Aeronautical Center 7:30 p.m. CARA	3	4 10:00 a.m. Ada ARC
5	6	7 6:30 p.m. LFSARC	8	9	10	11

### NO BANKRUPTCY DELAYS

Outgoing FCC Chairman Reed Hundt has taken a slap at the legal profession. Hundt has urged Congress to make it crystal clear to those he calls "even the most ingenious, pettifogging, persevering lawyers" that provisions of the Bankruptcy Code "are not applicable to any FCC license for which a payment obligation is owed. As such, declaring bankruptcy does not relieve any licensee from payment obligations, and does not affect the Commission's authority to revoke cancel, transfer, or assign its licenses." So says Reed Hundt of the FCC.

*(Via Washington News)*

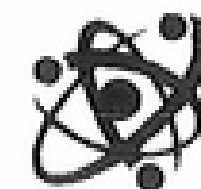
### ARRL TO HELP RECRUIT KID HAMS

The ARRL Board will soon be introducing a program to coordinate enlisting local volunteers from League affiliated and special service clubs to introduce young people to technology through Amateur Radio and to potential careers in technology. In creating the program, the ARRL Board cited the increasing importance of technological literacy and President Clinton's call for greater volunteer efforts on behalf of youth as reasons for the project.

*(Via ARRL)*

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### ARRL WANTS YOU

If you have a project that you would like to share, then QST magazine wants to hear from you. The League publication is looking for project articles ranging from the simple to the complex, covering every aspect of Amateur Radio. To submit an article for consideration, simply send it to:

Paul Pagel ARRL 225 Main Street Newington, CT 06111  
*(Via ARRL)*