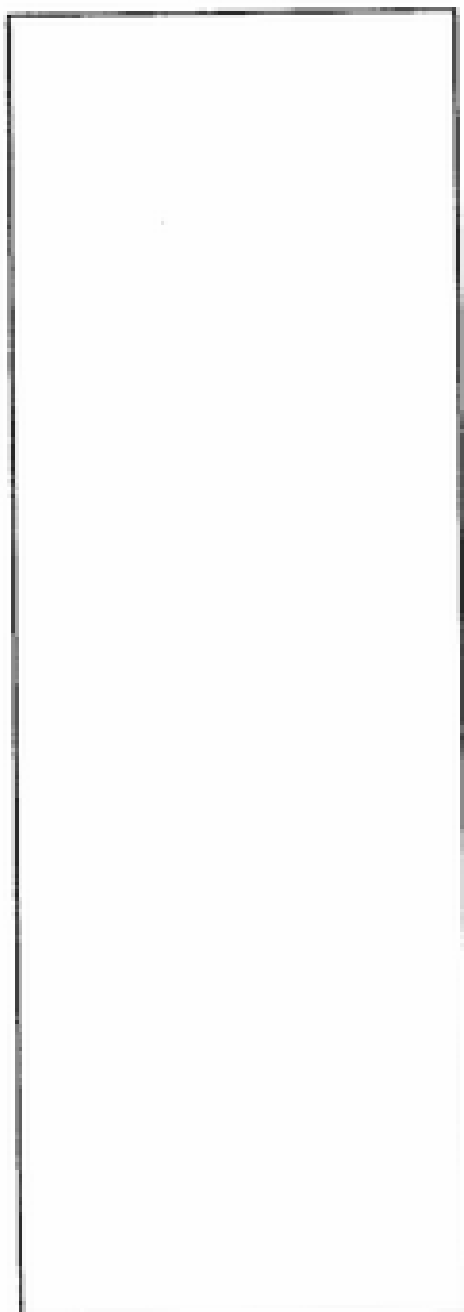


**CORA**  
Collector & Emitter

**JULY 1994**  
Volume 20, Number 07  
Issue 233  
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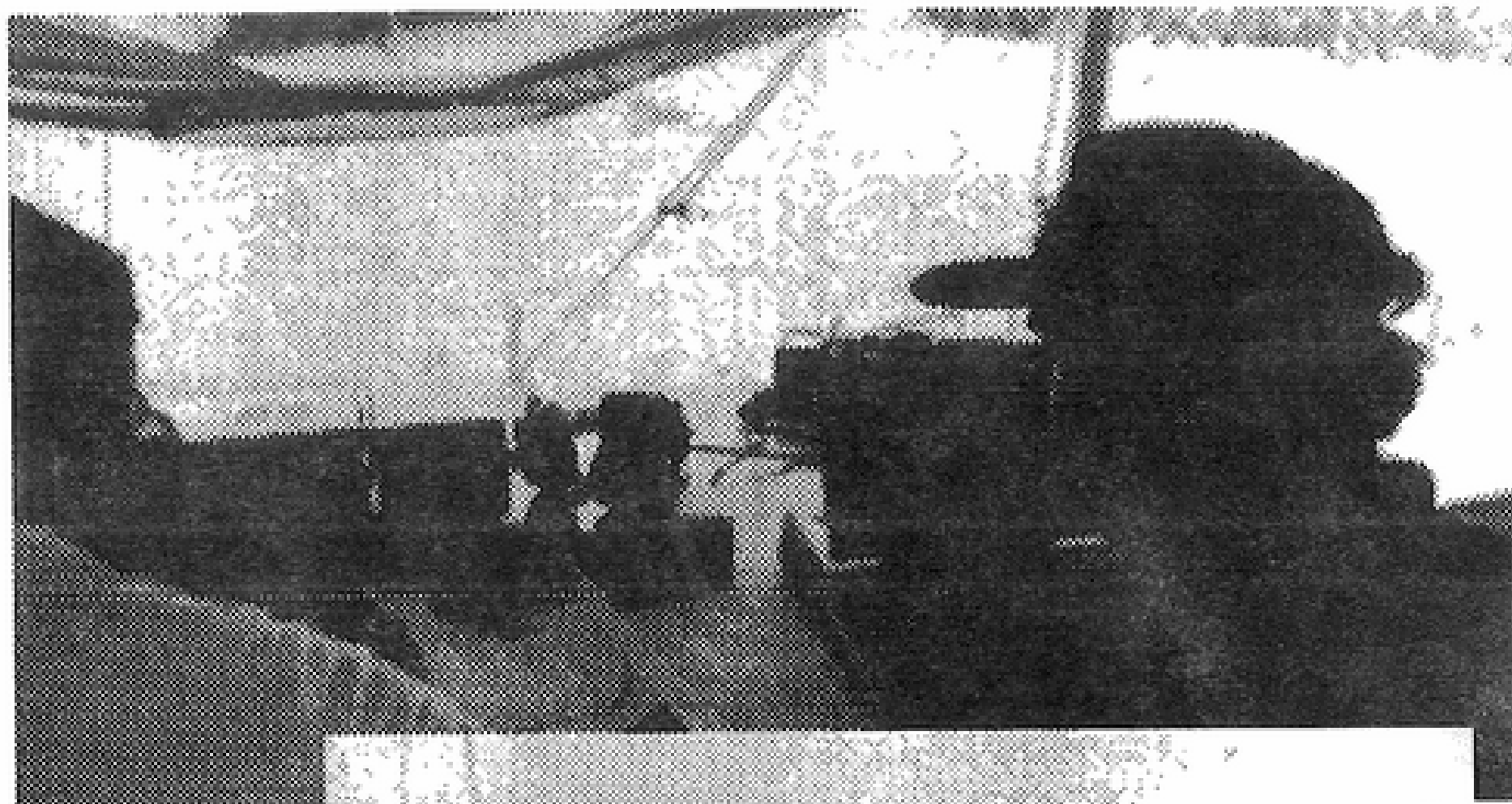
Second Class Mail



POSTMASTER SEE PAGE 2

# Field Day 1994

The Bands Were Wide Open...



## CORA

Collector & Emitter

Harold C. Miller, KB1ZQ/5  
Interim Editor

### Central Oklahoma Radio Amateurs, Inc.

President: Rick Masters, N5WNR

Vice President: Kathy

DeGraffenreid, AA5RU

Secretary: Jim Buswell, N5BEQ

Treasurer: Tom Mangham, K5LDI

Joe K. Harding, WA5ZNF

Editor Emeritus

Dear Subscriber:

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

4	94/07	2
DOE, JOHN E.	KA5ABC	
1234 SW 56th STREET		
RADIOVILLE, OK	74321	

The "4" means Autopatch Club, "94/07" means the year/month dues expire. The "2" is for postal rates.

Dear Secretary / Treasurer:

When you want a change of any sort to your membership, you must fill out completely 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 22nd of each month. If there is anything about C&E subscriptions you need to know, please contact us.

**JULY 1994**

**VOL. 20, No 7, Issue 233**

### CORA Collector and Emitter (USPS 116-150)

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Oklahoma City, OK 73143-  
5942

<b>1. Aeronautical Center ARC</b> Meets: 1900L, 1st Thursday, Flight Standards Bldg FAA, S. MacArthur, OKC Pres: Dick Russell, KJ5VV 733-2141 Sec/Tr: Brad Nelson, KJ0W 793-9470 VP: Chuck Bryant, KB5ZVZ 737-0423 Editor:	<b>11. Edmond Amateur Radio Society</b> Meets: Odd Months, 1400L, 3rd Sunday, Edmond EOC, Even Months, Dinner, 3rd Friday Pres: Lee Vaughn, KA5WIS 348-2961 VP: John Thomason, WB5SYT 340-1798 Sec: Kay Sage, KB5LDO 341-8971 Treas: Sue Snyder, N5VWI 341-8753 Editor: John Thomason, WB5SYT 340-1798
<b>2. Oklahoma Central VHF ARC</b> Meets: 1100L, 3rd Saturday, Neighbor's Restaurant 3401 N. Classen Blvd, OKC Pres: J. Frank Feilds, KB0QJ 789-8469 VP: Bill Noland, WA5FWD 354-5018 Sec: Joe Buswell, K5JB 732-0676 Treas: Ellard Foster, W5KE 789-6702 Editor: Joe Buswell, K5JB 732-0676	<b>14. Cimmaron Amateur Radio Society</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, N5FMH 764-3599 Editor: Kenneth Monahan, KB5SOM
<b>3. Mid-Oklahoma Repeater, Inc.</b> Meets: 1900L, 1st Tuesday, Favorite's Cafe, 36th and S. Western, OKC Pres: Scott Walsh, N5NYS 787-3804 VP: Larry Benedict, N5VYC 728-7824 Sec: Earl Draper, AB5TF 787-1207 Treas: Robert Moose, N5QKI 720-0073 Editor: Dean Ward, N0PAD 681-4606	<b>15. South Canadian ARS</b> Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres: Don, KJ5KB 321-1673 VP: Mike Winkel, N5SOF 366-8639 Sec: Keith, KB5FCI 329-2213 Treas: Bill, N5UMH
<b>4. Oklahoma City Autopatch Assn.</b> Meets: 1930L, 3rd Tuesday, Salvation Army Bldg N.W. 50th and Penn. (Back Door) Pres: Brad Nelson, KJ0W 793-9470 VP: Tom Webb, WA9AFM 737-6716 Sec: John Brassfield, N5SAM 685-8070 Treas: Mike Begley, N5VIT 732-2827 Editor: Tom Webb, WA9AFM 737-6716	<b>16. Edmond Amateur Radio Club</b> Meets: 1900L, 2nd Monday, Various Locations Pres: Mark Northcutt, WD5DYI 755-4672 VP: Wendell Cochran, WB5ISO 396-8224 Sec/Tr: Kay Northcutt, WD5DYJ 755-4672 Trustee: Dennis Orcutt, WB5ISN 340-0034
<b>6. Altus Association</b> Meets: 1930L, 2nd Thursday, North Main Fire Station (CD), Altus Pres: George Mayetko, AA1IJ VP: None Sec/Tr: Mike Brown, KC5AWB Editor:	<b>18. Great Plains Amateur Radio Club</b> Meets: 1415L, 1st Sunday, Home of N5LRR 2914 Osage Dr, Woodward Pres: Bob Bayles, WB5GAX 254-3561 VP: Andy Taylor, N5LRR 256-4017 Sec/Tr: Rod Ford, WB5OVT 923-7683 Editor: Phillip Perry, N5QCN 938-2453 TR: Freida Patterson, N5EQX 256-2111
<b>9. Wheatstraw Amateur Radio Club</b> Meets: 1430L, 2nd Sunday, Location Varies Pres: Joe Hyatt, WA5GHK 375-3783 VP: Leo Peil, WZ5H 886-2998 Sec/Tr: Joe Garland, WA5FLT 893-2660 Editor: Ralph Wilder, WA5PFK 623-5421	<b>Central Oklahoma Radio Amateurs</b> Meets: 1930L, 4th Tuesday, Salvation Army Bldg N.W. 50th and Penn, OKC (BackDoor) Pres: Rick Masters, N5WNR VP: Kathy Degraffenreid, AA5RU Sec: Jim Buswell, N5BEQ Treas: Tom Mangham, K5LDI 677-5291 Editor: Harold Miller, KB1ZQ 672-7735

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## C. O. R. A.

### Minutes of the 24 May Meeting:

The meeting was called to order at 1936hrs with President, Rick, N5WNR in the chair and the following directors and guests representing 5 of the 11 member clubs present:

VHF- Charlie Greene, WA5JGU

Bob Ashby, W5HXL

Ellard W. Foster, W5KE

MORI - Robert Moose, N5QKI

Jim Buswell, N5BEQ

EARS - Pat Gray, N5SGV

Lee Vaughn, KA5WIS

Steve Hamlin, KG5IP

OCAPA - John Guida, NJ1V

Chuck Wilhite, K5NK

Perry Jenkins, KB5TOT

SCARS - Donald Schader, KI5TP

Mike Winkel, N5SOF

Louis Kennedy, KC5ABI

C&E Ed - Scott Walsh, N5NYS

Treasurer- Tom Mangham, K5LDI

Visitors/Alternates:

Jerry Sproul, KJ5KP

Jim Jones, K5PER, ARES

The minutes of the March and April meetings and treasurer's reports were accepted as distributed.

Reports: C&E - Scott, N5NYS announced assembly of the next issue is planned for 2000hrs, 26 MAY 94 in the Denny's Restaurant at NW 63rd and May Ave. Also due to a family change, he feels forced to resign.

VEC - No report.

### Old Business:

Committees for HAM HOLIDAY #21 (HH21) 29 - 31 July 1994

Publicity - Scott, N5NYS reports contacting all major magazines, Jerry, KJ5KP has flyers ready for the Lawton hamfest.

Facility - Tom, K5LDI has given a copy of the floor layout to John, N5SAM to fill in as necessary.

Dealer/Awards - A commitment from ICOM was announced.

Talk-in - Robert, N5QKI gave no report.

Programs - General discussion included and offer of A.R.E.S. from Jim, K5PER.

Pre-registration - Jerry, KJ5KP had the earliest pre-registrations to display.

Security - No report.

Flea Market - Donald, KI5TP discussed need to co-ordinate with registrations to control access to the flea market.

Scholarship - Jim, N5BEQ led a discussion of T-shirt and logo design costs as fund raisers and received this year's winner's applications for storage in the historian's record: Kurt Russell Duggins, KB5YGO, Mooreland; and Toni Sue Hernandez, KJ5NF, Norman, OK.

Breakfast - It was announced that QCWA has it under control.

Registration - Steve, KG5IP will have to have a "RETURN" stamp of some kind so the "ticket takers" will allow return access to the registrants.

Banquet - Jim, N5BEQ offered a contract with a catered, "all-you-can-eat" barbecue from AJ's Bar- B-Q if a free site can be found.

### New Business:

On Motion from Donald, KI5TP and second from Chuck, K5NK it was decided without opposition to send OPRA a Certified Return-Receipt- Requested letter billing the group for outstanding debt to CORA.

On Motion from Chuck, K5NK amended by Bob, W5HXIL, both seconded by Jim, N5BEQ it was agreed with one director opposed, that if a replacement editor has not volunteered by the 28 June 94 meeting, the C&E would be canceled.

The next meeting is scheduled for 28 June 94 at the usual time and place.

This meeting adjourned at 2118hrs.

Jim, N5BEQ  
Secretary

Heard on National Weather Service radio in Memphis: "The weather warning alarm system will be activated today for test purposes between 11 and 11:30 a.m., weather permitting."

(How's That Again,  
Reader's Digest, March 1994)

## New C&E Editor

Hi, I'm, Hal, KB1ZQ/5 and will act as the new editor for the *Collector and Emitter*. I am requesting that all articles be given to me by the 15th of the month to allow publication by the first of the month. Format, if possible, is ASCII or Microsoft Word file and I will format it for publication. In the interim I will do my best to get the editions out as soon as possible.

Send all copy to me at my home, 4216 Spiva Drive, Del City, OK 73115 or put it on packet to KB1ZQ @ K5JB.OK. USA.NA. or K2GKK-4. Another route is to send it to Retriever's Retreat land line bulletin Board @ 359-1540. This is run by Ron, KB5WIF. Address it to me as KB1ZQ or to section 1001 - General Ham info. I will get it from there or Ron will get it to me.

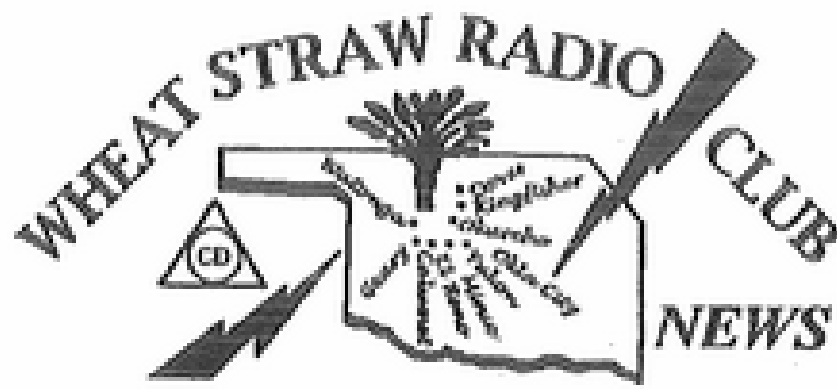
I am going to ask some of the old columnists to come back and see if we can't get the C&E back on it's feet. I will try to use tact and keep the publication clean, but keep in mind that what one person enjoys may cause problems with others. I will print what I feel is revelent to the amateur radio hobby. I ask you, the readers to send me articles and news you want to see in the paper. If you don't contribute then I must see what I can find to legally publish.

I have contacted every club listed on page two of this edition and asked your officers for inputs to this edition. I want monthly meeting minutes - minus dollar figures, for treasurer reports. I don't care how much money a club has and it is no business of any other club. I also want news from your club, let everyone know what is going on, it makes others want to join your group. Finally announcements on test sessions, hamfests, meetings, get-to-gether's etc.

Please be patient and I will do my best to get the C&E out as fast as possible. It may not be fancy, but something will go out. Thanks for the support.

73

Hal, KB1ZQ/5



### Wheat Straw ARC April Meeting

Due to Mother's day being on the regular meeting day for the club, the club voted to have the meeting Saturday, 3:00 p.m. at Eischen's Bar. Serving was one complete chicken for each two persons. It was served with a dish containing dill pickles on one end, sweet pickles on the other, and onions in the middle. Bread was sliced, cut in half, and served on another plate. Individual drinks were ordered separately.

Each person received a large square sheet of heavy waxed paper, and napkins. That was all they had to eat with. There were no problems; everything went fine, and the chicken was good.

When we were through eating the meeting was called to order by Joe, WA5GHK, our president.

There were no objections or corrections to the minutes. The repeater is working good.

A motion was made by Tom, N5IKN, that the next meeting be a covered dish dinner at the Red Rock state park just south of Hinton. We usually start eating at 1:30 p.m. so the church people will have time to get there. By the time we get through eating the meeting will start at 2:30 as usual. The meeting will be June 12.

There was an estimate of 25 for the Saturday diner May 14. We had 24. That was the closest we could get.

### Wheatstraw May Meeting

There were 23 members, including four visitors, gathered at Red Rock park south of Hinton for a covered dish dinner and the monthly meeting.

Visitors were Mike and Mary Well, and

two children from Edmond. Mike and Mary both hold Extra Class licenses, and are members of the EARS radio club.

Wanda Claunch has her technician license and will be on the air soon. I had her call written down but could not find it. Sorry about that Wanda. Last week she joined the Wheat Straw radio club. Listen for her on the airways. She will be happy to talk to you. Congratulations, Wanda!

In the absence of one president and vice president, Ray, AB5Z conducted the meeting. I hear both were absent on account of other involvements.

Instead of having field day again this year, there will be a hamburger fry at the Kingfisher park east side of town. Wanda is to call Mary Ann, WA5VNF, and ask her to reserve a shelter for the evening. The event will be Saturday, June 35, at 6:30 p.m. The hamburger meat and buns will be furnished by the club. Persons attending will bring side dishes along with their eating setups. Everyone is invited.

It was voted by majority that the July meeting will be held the same time at the June 25 hamburger cookout.

I still have not gotten my last C&E. Due to technical difficulty, this is all I have.

Remember,  
*To get something out, you must put something in; so, make an effort.!*

Ralph, WA5PFK

### 100% Food Free!

Today for breakfast I did eat  
an artificial egg.  
And artificial bacon  
that had seen a pig,

And imitation coffee,  
containing no caffeine,  
With sweetened sugar substitute,  
and powered creamless cream,

And toast from bread the label said  
Contained no wheat whatever,  
but twenty kinds of chemicals  
to help it go down better.

My breakfast had no sodium,  
or saturated fat,  
Or calories  
or nourishment.

Of course, you know what's coming,  
Next week, if not today,  
We'll eat the plastic wrappers,  
And just throw the food away!  
Frank Knebel

### The Adams Family, Alvin & Olive

Alvin L. Adams was born June 6, 1918. He was one of five children born to Benjamin H. and Bertha Connelly Adams. Alvin in his younger years was a good boy but he liked to have clean fun.

In his younger years of schooling he attended small schools like Fonda, Pumpkin Ridge. He graduated from Seiling High School. In high school he played football and basketball. Alvin never did tell how good he played, or brag about anything he did. He loved telling clean jokes, but no bragging. In high school Alvin was active in FFA.

Alvin's older brother had gotten married and moved to Canton to operate a service station -- now they are usually called gas stations, since they are mostly help yourself. No service makes the difference. That's what brought Alvin to Canton.

Olive L. Martin was born to Glen E. and Mary Mock Martin July 30, 1922, one of three children. Olive's family lived on an acreage. They owned and operated a chicken hatchery and had a green house that keep them busy. Olive went all twelve years through the Canton schools. Olive worked eight years for a gasoline wholesaler.

When Alvin came to Canton, Olive was working in her uncle's restaurant. That is where Alvin met her. They didn't say

but there were indications that the sparks flew.

In September of 1941 Alvin was called to Oklahoma City for a physical. After the examination he went to Fort Sill and volunteered to enlist and go to Hawaii for his basic training. Alvin's group finished basic training December 6 1941 and moved out of the tents into the barracks. December 7, 1941 the tents were totally destroyed.

The Japanese had bombed Pearl Harbor.

Alvin returned to the States in May 1942 to go to a special school. He got a one week furlough in September and arrived at Canton September 12. That night Alvin and Olive were united in marriage.

Alvin went back to the Pacific in 1943 and got discharged in October of 1945. The couple bought a service station they operated until he was recalled in September 1950 for the Korean War. When they bought the station was when I met them.

The Adams sold the station and moved to Lawton, living there until he got discharged in May 1952. Then they started operating the concessions at Canton Lake.

Alvin contracted the Hodgkin's disease in 1970, selling the concession in 1975 but continued to farm and raise cattle. Alvin was a good manager. One time he talked his father into buying a tractor to let him and his brother do custom work for the neighbors to help pay for the tractor.

The Adams read an article in the Enid paper about a ham radio class. They both were interested and attended until Olive's mother had to go to the hospital. Winter came on them with bad roads so they had to drop out. Later Leo, WZ5H, and Ray, AB5Z, started an amateur class and Alvin and Olive started back and got their licenses.

Alvin, being a Pearl Harbor survivor, checked into the Pearl Harbor Survivors' Net. He liked to operate the HF frequencies and listened to 2 meters a lot, but seldom talked on 2. One day I asked him why he would talk on HF but seldom on 2 meters, and he responded with this joke: He said, "Well, Ralph, I will tell you but don't you ever tell Olive. See we only have one chair in the house and as soon as Olive eats her supper she hurries and gets the chair to talk on the radio. Now I have only one of two choices, either set on the floor, or go to bed, so I just go to bed and let her have it."

While Alvin and Olive were at the lake he had a heated fishing dock built, along with boat storage and trailer park. Alvin used to do commercial fishing in the winter to help improve fishing by removing some of the rough fish, mainly buffalo, which were seldom caught by fishermen.

All the years I have known Alvin he has never talked about his experiences or what he went through in the wars. I did not ask questions about that. I feel that if he wished to tell me about it he would have. I value their friendship very much.

#### **New Message Forwarding Rule**

The FCC April 13 released a Report and Order in PR Docket 93-85, regarding message relay by amateur high speed networks. The new rule relieves most operators in such networks of responsibility for message content.

Originators of such type messages continue to be responsible for their content. The first forwarding stations are also responsible for the content of messages, or identity of the originating operator.

This rule goes into effect June 1, 1994. If you are a forwarding station I suggest that you read the complete rule.

#### **ARRL Fund to Foster Good Will**

When Lloyd Colvin, W6KG, died last December, the League became the ben-

eficiary of the proceeds of a life insurance policy on Mr. Colvin. The proceeds, more than \$150,000, will now fund an endowment. The income will be used to further the strengthening of international friendship through DXing.

ARRL Executive Vice President, David Sumner, K1ZZ, said, "During his lifetime, W6KG made great personal contributions to international friendship through amateur radio in the visits to more than 150 countries with his wife, Iris Colvin, W6QL. Through the Colvin award, the League will proudly continue those contributions."

#### **League Seeks Tighter Club Licensing Standards**

The ARRL has petitioned the FCC to increase the minimum number from two to four members for granting a club station license. Reason is that two or three non-club members could make application just to get an alternate call sign. The FCC has designated the petition RM-8462. The FCC delayed action in the past; they have not issued a club license since 1979. In 1976 the FCC required a copy of the constitution and bylaws with the application.

A personal note: I am in favor of tighter regulations to keep a precious hobby legally clean.

#### **Hamvention Forum Features Ham-Astronauts W0ORE, N5RAW**

A space forum at the Dayton Hamvention was scheduled to feature two NASA astronaut-hams, Tony England, W0ORE, and Steve Nagel, N5RAW. The forum will commemorate 10 years of amateur radio aboard the shuttles, which began with the flight of Owen Garriot, W5LFL, in November of 1983.

Tony England flew on the second ham radio mission, in 1985. Steve Nagel, a veteran of several shuttle flights, recently commanded shuttle flight STS-55 in 1993. The two will describe their amateur radio experiences from space and answer questions.

Also at the forum will be members of the ARRL SAREX working group. Now we know why WA5FLT went to Dayton -- to go on the next shuttle flight! Ha!

### **Telephone Interference Survey Examined**

ARRL Lab offers solutions to problems. In early March the Federal Communications Commission released statistics from a survey of 105 random cases of telephone interference, saying that since some telephones are bullet proof, all of them should be.

The results of the study were obtained by the ARRL and reported in May QST.

### **New Mobile Tools for FCC Include 10 Computer Cars**

The Federal Communications Commission is showing off a new vehicle for investigative work, equipped with two computers, a color monitor, a mobile phone, and a satellite receiver. The FCC told the Associated Press it expected to have 10 such cars in service in metropolitan areas this month, with the goal of eventually having two such cars for each of the Commission's 32 field offices. The FCC said that businesses and boat operators are more likely to operate unlicensed transmitters.

### **FCC Turns Down Petitions for Changing Amateur Rules**

In late April the FCC denied three petitions from amateurs to change the licensing structure. One petitioner would have lowered the Morse code requirements and two others would have eliminated the 5 wpm CW examination for the Novice license. The FCC said the current amateur license requirements were the results of Commission proceedings that produced thousands of comments. "The amateur community indicated on each occasion that it strongly desires to preserve communications by telegraphy," the FCC said.

### **QST to make July Debut on Nation's Newsstands**

Beginning in July, QST will be avail-

able at selected newsstands on an experimental basis. The newsstands will be identical to ARRL member's copies, but the covers will have a slightly different look.

### **Is There a Problem?**

A farmer went into the bank one day, which he seldom did. The banker walked out and spoke with the farmer for a while. Then the banker said to the farmer, "By the way, I got in some new rain gauges and I would like to give you one." He got the rain gauge and gave it to the farmer.

About four or five months later the banker looked out his office and saw the farmer standing around like he was lost. No one else was paying attention to him. The banker walked out speaking to the farmer, and asked if he could help him.

The farmer said, "Well, I was just sorta wondering if you had another rain gauge." The banker put his hand on the farmer's shoulder saying, "So you broke the glass out did you?" The farmer replied, "No I didn't break anything but it got full of rain water."

### **Faith**

Three nuns were driving on a road when they ran out of gas. One of the sisters walked to the nearest service station. No gas can, the only thing available was a large bed pan.

The attendant filled the pan as full as he could for the nun to carry. By the time she got back to the car she was exhausted. The other two nuns were carefully pouring the gas in the tank, trying not to spill any, when a Baptist preacher drove by and stopped.

The preacher sat for a moment then said, "Sisters, I admire your faith very much, but I don't think that is going to work."

Have faith, folks, and I will see you at the next meeting.

Ralph, WA5PFK



VHF Club  
**NEWS**

W5LOW  
*The Elmer Gockler Memorial  
Station*

### **Minutes of May Meeting**

Since President J, KB0QJ, was absent, I called the meeting to order at 12:14 p.m. (waited until I finished my lunch) with six members present. I offered to read the minutes from the last meeting, since the C&E has not appeared yet, but my offer was declined. Bob, W5HXL, delivered the Treasurer's report for Ellard, W5KE, and a motion to except it was passed. There was no old or new business but Fred, W5NL, announced that he and Bob, W5HXL, would make phone calls as reminders of the next meeting. (I don't think it would have affected the current turnout because several members were off on vacations and off to the Green Country Hamfest.)

Meeting adjourned at 12:20 p.m.

Joe, K5JB, Sec'y

### **Minutes of June Meeting**

Meeting was called to order at Neighbor's Country Kitchen (Formerly Golden Skillet) at 12:04 p.m. by Secretary Joe, K5JB, with 20 members and guests present. Ellard, W5KE, gave his Treasurer's report. I briefed the group, as well as I could, about the status of the C&E.

There were two questions that were discussed and polled for opinions to guide the CORA representatives in case they came up for discussion at CORA meetings. The first was whether the members believed that CORA should continue as an organization, and the second was whether the CORA C&E should continue as a newsletter. The members gave both questions affirmative answers. Meeting adjourned at 12:17 p.m.

Joe, K5JB, Sec'y

### Minutes of July Meeting

Meeting was called to order at Neighbor's Country Kitchen at 12:00 p.m. by President J, KB0QJ, with 14 members and guests present. Secretary Joe, K5JB, groused about the C&E getting behind schedule and losing material submitted for the VHF and Wheatstraw clubs. He read the minutes since they were not published. He will work with the new editor to see if we can get caught up, at least with the minutes.

Ellard, W5KE, was off on vacation so Charlie, WA5JGU, gave the Treasurer's report for him.

There was some discussion about having our traditional wiener roast a little earlier in the fall so it probably won't be so cold. The group decided to have the event on the third Friday of September, at 7:00 p.m. It will be at Bethany Lyon park, and Jim, K5VRL, will make the reservation. It will be a BYOW (bring your own wiener) and all are invited.

(It didn't occur to me until I was typing these minutes that there was no discussion of the annual August watermelon feed. Listen up for any developments on that.)

A couple of our close friends are very sick and need your prayers. Joe McKinzie, W5YPN; and, Joe Harding, WA5ZNF; are reported to be very ill. The club members wanted to express their hopes that you two get better soon.

Bob, W5HXL, announced that the Thursday night 2M FM net is doing well. There has been as many as 23 check-ins; with last week's total being 14. The net is held on Thursdays, 7:00 p.m. on the 145.41 repeater.

With that done, we adjourned at 12:15 p.m. Joe, K5JB, Sec'y

### Dayton's a Done Deal!

Well, you might have heard that the Dayton Hamvention weather wasn't all that great this year. One of my friends

who lives in Dayton sent me a message with the conclusion that he doesn't remember the weather ever being so bad as it was this year. Actually, the bad weather had its bright side -- it thinned out the crowd a little.

The usual throng from OKC flew and drove to Dayton and arrived on Thursday night to fairly decent weather, but by Friday morning the rain started falling. Temperatures weren't too bad though, so with our ponchos and umbrellas we started combing the flea market. The commercial exhibits don't open up until noon on Friday so we had nothing else to do but scout out what bargains we could find under the tarps and clear plastic. When it rains it is hard to see anything in the flea market so Joe, WA5FLT, and I just sauntered along looking for whatever we could see.

At noon, we went inside to get a quick peek at things but because of the rain it was almost impossible to see anything for all the people who were also seeking shelter from the rain. Friday was *not* a good day to be inside the arena, except to go to the bleachers and rest the feet a bit. We wrapped up the day with a very pleasant visit to the home of the Farley's, WA8ZWJ and WD8CJD, and the rest of the International Order of Kra-zies (IOOK).

Saturday's weather wasn't any better but there were some breaks in the rain so Joe and I could look at a few things in the flea market. During the afternoon, the crowd began to thin out appreciably and we actually got to move around a little when we went into the arena. By Sunday morning, the weather was colder, but we were not only able to move about in the arena, we could actually get to some of the counters and see what everybody was trying to see for the last couple of days.

I guess we didn't see much we couldn't live without, because neither of us brought back much that I can think of.

Tim, WA5LTM, bought one of my

major purchases. We both decided that our Icom IC-24AT talkies were becoming obsolete and that if we were ever going to want sub-audible tone encoder/decoders we would have to get while the getting was still possible. The evening after he made the purchase we had a walkie talkie clinic in the motel room, installed the new modules in our radios, and fixed a couple of other's radios whose modules had worked loose.

At one point during the weekend I groused that it was about time to break this yearly Dayton trip habit -- *I really wasn't having fun*. Joe, WA5FLT, was pretty much in agreement at the time.

But, you know how the memory is. After a day or two of rest upon returning, the disagreeable memories are fading, the good ones remaining, and what remains now was that we did have a *goodtime!*

Joe, K5JB

### HF Automatic Control

ARRL Bulletin 51 From ARRL Headquarters Newington CT June 15, 1994 To all radio amateurs...

FCC proposes automatic control for amateur HF digital communications

In a notice of proposed rule making in PR Docket 94-59, adopted on June 13, 1994, the FCC has proposed amending the Amateur Service rules to authorize automatic control of stations transmitting a digital signal on the HF bands. The action had been requested in petitions filed by the ARRL and the American Digital Radio Society (ADRS).

In 1986, the FCC authorized automatic control of amateur stations transmitting digital communications on the VHF and higher frequency bands, and indicated that it was interested in authorizing such automatic control on the HF bands.

To determine solutions to the problem of interference from automatically



controlled HF digital stations, the ARRL conducted a feasibility project under Special Temporary Authority granted by the FCC to 50 amateur stations. The ARRL petition was based on the results of that study.

The FCC said that it was gratified by the cooperation and dedication of amateur organizations in determining the conditions necessary to allow automatic control of stations transmitting data and RTTY emission types on the HF bands. It agreed with the two petitioners that automatic control of amateur stations in the HF bands can, with safeguards, make the transmission of data and RTTY emission types both practical and effective.

Therefore, the FCC proposed to authorize automatic control for stations transmitting data and RTTY emission types on one specific subband of each HF band where such emissions are authorized. It also proposed to authorize communication between a locally or remotely controlled station and an automatically controlled station on any frequency where data and RTTY emission types are otherwise authorized.

The text of the NPRM has not yet been released, and the comment deadline is unknown at this time.

#### **OkcForum Unix User's Group**

In response to the May article about the Internet, I got a note from Bill Conner, newsletter editor of the OkcForum Unix User's Group, advising me of its existence. He said the group's primary purpose was to offer Unix experience to its members but it's machine does have full Internet access. He mentioned that the group meets at the AT&T plant on West Reno, and that the yearly membership fee was \$75.00. He didn't state when the next meeting was scheduled and there was insufficient time for him to respond to my query before I had to get this column in the mail. If you are interested in the group I

will probably have the information by the time you read this. Call me and I can provide the details. Joe, K5JB

#### **I Only Know What I Read in the C&E**

When I learned that Hal, KB1ZQ, had been appointed as editor of the C&E, I called him to start coordinating how to get material to him, and see if there was any technical assistance I could offer. There are about as many ways to put a newsletter together as you can imagine, but the first thing most people think of nowadays is to get some kind of computer, then get some kind of software, then figure out how to print it, then figure out what to print. This is really not the correct order of planning a newsletter, but that is the way people do things.

Maybe because I have 25 years of technical publication experience behind me, I know of a lots of ways to put out a rag. Joe, WA5ZNF, had a newspaper background, and he also knew a lot of ways to publish, and I think that he would agree that the first things to consider are what kinds of words are you going to publish, and who is the audience. Once that is decided, the mechanics of composing and printing are actually pretty trivial. My point is that if the clubs who constitute CORA don't pull the important part of the load -- submitting timely and interesting things for publication, the C&E won't be worth much, no matter how fancy the computer, software, and printing process may be.

Hal apologized for having modest computer equipment, but there was no need for apology. I printed my submissions for years with an IBM Selectric typewriter that I had wired to an Apple II computer. The results were quite respectable, and the C&E won awards for appearance during that period.

The mechanics of getting material from the club editors to Hal can vary according to the capabilities of the individual editors. At one end of the scale,

it can be simply handwritten on notebook paper. On the other end of the scale it can be sent electronically, already formatted, to Hal. Handwritten submission is almost foolproof. Electronic transmission is very problematic, unless everybody involved in the transfer is knowledgeable of data communications methods, which is unlikely. (I do get a little bit of stuff via packet radio, and I can either print it, or hand it off to Hal in the format he needs. However, the vast majority of amateurs don't have access to packet radio.)

The middle ground would be to type camera-ready copy in column wide strips for Hal to paste up -- unlikely to succeed because of Hal's final composition methods; or, sending the material in ASCII text on a floppy, or electronically. Electronic transfer *sounds* the best, and I think Hal has chosen a word processor capable to do the composition that he wants to do, but I am afraid that depending on electronic transfer is an obstacle to the most important process: *Putting the words together!*

Another middle ground approach is one that I am taking. I compose full pages, print them and mail them to the editor. Since Hal lives close I may hand deliver them. Ralph, WA5PFK, and I worked out a deal last year at Ham Holiday. He types up his Wheatstraw club submission and mails it to me. I retype it, making occasional editorial changes to make it fit, and print his material while I am printing mine. I am a fairly fast typist, and am happy to do this for Ralph. I don't know what kind of workload I am looking at, but I would be glad to do it for any other club editor who had no fancy-dancy computer to play with but *wanted to participate*.

The main point is that CORA clubs need to appoint editors who will accept the responsibility, and at least send minutes of their meetings to someone, so they will appear in the C&E. If your club editor isn't doing his job, *find someone in the club who will*.

Joe, K5JB



# O. C. A. P. A.

## News

minutes of the OCAPA June 21, 1994 meeting:

The meeting was called to order by Brad, KJ0W at 7:30 p.m.

Introductions went around the room.

The minutes of the last meeting were read by John, N5SAM, seconded and passed.

Treasurers report was read by Mike, N5VIT, seconded and accepted.

VICE-PRESIDENT Tom, WA9AFM has copies of the new constitution and bylaws available.

TECHNICAL COMMITTEE - Mike, N5VIT reported that the tower took a direct lightning strike. We were fortunate compared to Channel 9. The cavities on 82 and 21 machines and a duplexer absorbed the most but 444.3 took some as well on the receiver. The cavities were removed, the duplexer replaced and temporary repairs were made to .3. We also have a new UHF master II that is being prepared to replace the current .3 machine.

CORA - Chuck, K5NK expressed a need for an editor. Concerns were expressed about the future of Ham Holiday and the CORA leadership.

SCHOLARSHIP COMMITTEE reports the applications have been narrowed to 16 and that a final decision will be made at the meeting on July 12, at 7:00 p.m. Also 1995 scholarship guidelines will be discussed.

FIELD DAY COMMITTEE - Jeff, WD0GTY and Perry, KB5TOT have final plans for FD'94. Continued weather concerns and back-up location were discussed.

Attendance was 38 persons.

Meeting adjourned at 8:55 p.m.

John,  
N5SAM

Secretary

## Field Day

Field Day 1994 is over and it is now time for reflection. Many people were involved with the production of OCAPA's 1994 Field Day extravaganza. Preliminary preparations and planning were performed by Jeff, WD0GTY, Perry, KB5TOT, John, N5SAM, Brad KJ0W, Hal, KB1ZQ, Ed, WA5YDF, and Don, KC5BRO. John N5SAM spent many hours repairing beams and readying other equipment.

Don KC5BRO and Jay, K5JL spent several hours mowing the Field Day site in preparation for the big event. We would like to thank Jay for the use of his property, his hospitality was exceptional.

We would like to thank Chuck, K5NK and his crew who purchased the food. He was assisted by Cheryl, KB5WQR, and Rosemary (Brad, KJ0W's wife). The FAA club donated money that went to the Leonard Hanstein Scholarship fund as an appreciation for participating with OCAPA's Field Day. Thank you guys for the donation.

We entered as class 3A. Our three main transmitters were CW1, CW2, and SSB... thus the 3A classification. We also had 4 transmitters that were not "counted" for classification purposes according to Field Day rules, but that is not to say they did not count up the points. The four free transmitters were: Novice/Tech, VHF (in our case 6 meters), Packet, and Satellite.

Our antenna farm consisted three 30 foot towers, two 20 foot push up poles, a 30 foot push up pole and a 40 foot push up pole. The only damage to equipment that I am aware of is a bent beam, sorry Brad, KJ0W. John N5SAM did beat the antenna down the tower. Rumor has it that the antenna was traveling at 9.8 meters per second squared. That must mean John is pretty fast.

In addition to these transmitters, Don, KC5BRO brought his ATV set up for a demonstration and a little fun. The ATV receiver was located in the mess tent

where people could cool off with an ice cold soda and see what was going on outside.

Our station operated on 100% emergency power compliments of the United States Air Force and Hal, KB1ZQ. The Air Force also provided 3 medium size tents (if those were medium I'd hate to see large!!), two large trucks, and 450 gallons of potable water.

Gene, KJ5GX, Jim, K5PER, and George, AD1S provided recreational vehicles for stations. B.R., WA5BQX brought his trailer out which I, and others, used a time or two to cool down.

Glynn's (N5WNL) wife donated around 200 pounds of ice from her restaurant. Don KC5BRO and his wife Carole, KC5EXR provided fresh soft serve ice cream (Dairy Queen style). Rick, AB5ON and his boy scout troop provided a portable kitchen and fixed breakfast on Sunday morning.

We operated under Chuck's call K5NK for our main stations. Our Novice/Tech station operated under Shannon's call KB5RBX. John and John (N5SAM and NJ1V) entered data into CT logger after the event so we could provide you and the ARRL with the following point tally: (See scores on Page 10)

Our bonus points should be 1060. Bonus points are added by the ARRL. With bonus our score should be 7306 points. Historically our scores have been as follows:

1992 class 3A 6222 points  
1993 class 2A 6490 points  
1994 class 3A 7306 points\*

\*(not confirmed yet)

The success of Field Day 1994 is a reflection of everyone's diligence and hard work. Jeff and I would like to thank everyone who helped / participated before, during, and after Field Day. It was you that made it a success. We hope next year's coordinator(s) are so lucky.

73 fer now and TNX.  
Perry, KB5TOT

## CHIT CHAT

It was the hottest weekend of the year, and people came from all around to be together in northwest OKC, to participate in the longest and hottest weekend of their lives. This weekend we all know as Field Day of 1994. I enjoyed the break from my family by going shopping, sleeping late and staying under the air conditioning.

It's now the 4th of July weekend and my house is still not put back together. Rolls of coax, antennas, and sleeping bags still are piled in the garage. Amazing stories are still going around. The first ice cream machine, a nintendo with 27 games and color TV to keep kids busy and an ATV (amateur television) station. I heard from my kids that I need to take cooking lessons from Dave, AA5OI and Rick, AB5ON. They enjoyed the sticky buns Saturday morning and the big Sunday breakfast that had everything you could imagine.

Well Field Day '94 is over, but the next one is only 11 months away and will be here before you know it. I can't wait to see what we do for Field Day '95 - - - air conditioned tents, big screen TV, and a satellite dish????

73

Cheryl, KB5WQR

## C . A . R . S .

### Cimmaron Amateur Radio Society

The June meeting of the society was held on a new day, the first Thursday of the month instead of the second.

There were five members present.

New officers for the society are John, N5WVU, President; and Kenneth, KB5SOM as Vice President/Editor. Secretary and treasurer positions remain the same.

A discussion on Ham Holiday #21 was held and 3 members stated they would be attending, although they have not pre-registered. They are waiting for the registration forms to come in the mail.

Discussion was held and it was decided to have a booth at the annual Threshing Bee at the Fairview Historical Society in September.

The WK5V repeater needs some repairs due to a lightning strike. Dennis, WK5V is trying to find time in his busy schedule to get the necessary repairs made.

Passed by Nadine, N5FMH

## ANNOUNCEMENTS

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

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

VE exams on 1st Sunday of each month sponsored by M.O.R.I. 1300 @ radio station KOMA, 820 SW 4th Street, Moore, OK

VE exams on 4th Tuesday of each month are held at 1900 in the B.E. Cantrell Field House at Bethel Acres School near Shawnee.

VE exams on 2nd Saturday of each month sponsored by SCARS are held at 1000 at National Weather Service, Westheimer Airport in Norman.

The following OCAPA members have paid for their club shirts and have no made arrangements to pick them up. Please contact Dan, KB5ZUE on .22/82, at 741-1301, or at the club meetings.

KB5YKZ, AL7HL, N5WNL, N5TDP, KF5JN, V63BC

Hams on the Southeast side of Oklahoma City meet at various locations for lunch on Tuesdays from 11:00 - 12:00 a.m., to find out where they meet listen to 146.22/82.

Hams from all over Oklahoma City meet at various locations for lunch on Thursdays at 11:00 a.m. , to find the lunch location of the day listen to 146.22/82.

Hams from around the central Oklahoma area meet Fridays at 7:00 for supper, coffee, friendship and overall story telling at the Skyline Resteraunt on 15th and Eastern in Oklahoma City.

### OCAPA (Con't)

Field Day scores broken down by band and mode.

BAND	CW QSOs	CW QSO PTS	SSB QSOs	SSB QSO PTS
160	0	0	0	0
80	2	8	27	54
40	365	1460	1	2
20	341	1364	216	432
15	328	1312	407	814
10	31	124	32	64
6	1	4	107	214
2	0	0	0	0
N/T	0	0	166	332
SAT	0	0	3	6
PKT	14	56	0	0

-----  
1082 + 959 = 2041  
QSO's

(4328 CW QSO points + 1918 SSB points = 6246 QSO points)

# S. C. A. R. S. NEWS

## South Canadian Amateur Radio Society

### Minutes of July meeting:

The July meeting was called to order at 9:30 a.m. by President, Don, KJ5KB. Introductions were started along with announcing anything anybody had to sell or wanted to buy.

Don passed along that, Keith, KB5FCI, was in Norman Regional Hospital with tummy trouble. Also Don, KI5TP, who last week had knee surgery, was back in the Bone and Joint Clinic with an infection in the same knee. Keith and Don, your in our thoughts and prayers to get better soon.

The CORA notes were passed out and Don briefly went through the date, time, and fee's for this year's Ham Holiday #21. Since Don, KI5TP is in charge of the flea market area and is under the weather, we'll need any and all who can volunteer their time to fill the gap and help Don out.

Repeater update was given by Ken, N5BEW, "Running Well." In an effort to stop the interference getting into the "In Town" receiver, Ken purchased a tone board to be installed at his earliest convenience. Also mentioned was the purchase of a pre-amp for the main repeater. This to be further discussed at a later time.

SCARS Jackets or windbreakers are once again available to all members. If you have previously given your order to me (Mike, N5SOF, like in February) please come see me again. Since then the company has gone through a few changes and this includes the styles available, but the prices remained the same. We need a minimum order of twelve before we can turn them in. As of this writing we have six.

Mark, N5HZR, explained to the group about some new ARRL teaching Video tapes that he and Don, KI5TP see down Ham Comm. They would be a big help to the teachers of our yearly spring Novice / Tech classes. It was decided to

be brought up at and further discussed at the next meeting.

Bill, N5UMH, gave a quick treasurer's report. The phone and postal (for the Mail out) bills were paid.

Last but not least, Joe, W5PNO, donated to the club, to raffle off, a Sola power supply; 130VAC in and 125VDC @ 2A out. This 50lb item drew several comments, but no opening bids. Sorry Joe.

### Items for Sale / Wanted:

S	TS-520SG	Mike, WG5C
S	TS-440SAT & Astron 35M pwr supply	David, N5KUJ
S	TS-790A & pwr supply, AEA DSP-2232	Richard, N5XRD
S	Hustler HF mobile 10-40m antenna	Leland, W5MCN
S	Plenty of RG-213 & 9913 coax	Ed, N3US
S	2m trunk lid antenna mount	Eli, KG5AE
S	MFJ-1278B TNC & Infotech scope	Jerry, W5MCJ
W	Inexpensive 2m radio	John, KC5GJJ
W	Telescoping 2m radio antenna	KC5GSC

Next meeting to be held 13 AUG 1994.

73

de Mike, N5SOF

## Field Day

In a nut shell, Field Day was "FUN". We had a good crew to help set up Saturday morning. It looked like quite an antenna farm around Reeves Park. We went on the air about 1:00 p.m. and the bands were pretty much open within the U. S.. We worked a number of states, no foreign countries, but with the solar cycle #22 falling off we were lucky to do what we did.

Mark, N5HZR and Bill, N5UMH reported the final tallies at the July meeting. We had 22 VHF contacts and 24 packet contacts. On the W5OU 10 - 40m station, we had 262 contacts. And last, but not least, the Novice / Tech station had 210 contacts.

I would like to name who did what and cover everybody and all the activities, but I would miss someone somewhere.

Looking down the roster however, we had approximately 30 members that spent quite a lot of time here, helping in some way.

I would like to single out Steve, WB5VJT who really got with the program at the Novice station and contributed in a big way to the number of contacts made.

A special thanks to Louis de Stwolinski (notice the spelling), W5UZD who donated the excellent wieners and buns. Keith, KB5FCI for picking them up along with the hamburger meat and buns.

Ole reliables Jim, KB9CFH and wife Ginger, KB5WSE showed up for the mid - watch shift. Thanks to Mike, WG5C for his packet expertise. That will add some points to our score this year. Don, KI5TP brought his wire array and draped all the nearby trees to get the other radio on the air.

Ed, N3US; Don, KJ5KB; Joe, W5PNO; and Don, KI5TP, himself are remembered as logging a few over there. Mark, N5HZR, delivered the "Machinery" to keep us going on emergency power.

All the others and "you know who you are" as they say, thanks! I would certainly be remiss if I didn't thank Louis, KC5ABI. For the second year he emptied his garage, built antennas, constructed antenna masts, climbed around on ladders and roofs and really made it all happen. Last but not least, Ron, (Call Pending) for cooking up all those hot dogs and burgers. See you next year!

73

de Bill, N5UMH

### Cool Thoughts...



*Blonde girl in white leotards, riding a white horse in a snow storm.....*

# E. A. R. S. NEWS

Edmond Amateur Radio Society

## Field Day 1994

Yes, EARS participated in Field Day in the hottest weekend of 1994, thus far, in a pretty darn fashionable fashion. The antenna included a 20 meter dipole, all band vertical and 40 meter Delta-Loop. The 1994 site was Hafer Park.

As before, Sam Sitton, was kind enough to allow us to use the icon of EARS recognition-KV5X. This is being written while I am sitting along side Larry Traub, N5IXV, with his fancy Yaesu, power supply, keyer, headset, dupe sheet and pen in hand. The smooth-silence of Larry's operating style is swell to experience ( it is interesting to note that communication can effectively occur in near silence). With a surgeon's dexterity and demeanor, N5IXV eases through contact after contact with the slightest of movements with his thumb and index finger of his right hand, pausing but briefly to record the contact or make a minor adjustment on his rig.

Sitting under a Hafer Park pavilion and looking southerly the Edmond Civil Defense Truck is dominating in its presence and somewhat cool to its inhabitants (KJ5QU, KA5WIS, KA5WGV).

Looking east and south from the CD Truck, I can see the pickups of KA5WGV & KJ5QU-they appear subdued and resigned to Field Day fate: heat, dust, generators and hopeful for the fatigued but contented return of their masters. A.C. just strolled over for a brief discussion as to which band to operate on to reduce interference to each station. Larry wants to move away from 20 meters so A.C. (ACE) can be effective there. A.C.'s return stroll to the CD Van is a bit quicker than was his pace coming over to see us.

Looking toward port side, Jim, N5OHL, and Jim, KC5DMK, are about 100' away from us and just north of a blue tent

(N5OHL's). Huddled over a table of card size they ponder their energy into OHL's station, do I see a fan ? This needs to be checked out .... just now Gary Moore, KB5UKS, comes strolling by our station looking so city council in hygiene.

Richard, KB5QU, drifts by and joins the discussion about the three digit temperatures and the child search of but a few nights ago. Gary is gone now citing pressures from his house (Rita) and Saturday p.m. assignments.

Yes, Jim & Jim have a fan ... they QSY'd to 10 meters. Gosh ! those signals sound crisp and healthy. We try to figure the feasibility of using his 40 meter delta loop on 10 meters .. let's see 10 meters is what harmonic of 40 meters ?

Somewhere along here I am back at the N5IXV site and positively respond to Larry's request for another dupe sheet- he applauds my contribution to the FD effort. I make it to the CD Truck and capture Lee and Ace working 40 meters. Workable stations are difficult to locate- suddenly the call signs are audible. Lee works N3SL at "Denver International Airport ". We talk about the relative unimportance of articulating one's Field Day station being at an airport. Someone among us retorts that we could advertise being at Sundance Airport as Lee works W0ZWY 3A South Dakota. That station wishes us Good Luck as he goes after another contact. Good sounding contact.

It is now 1600 hours on Saturday. I worked the HF station inside the CD Truck and made a few contacts after vigorous effort. N5FD in South Texas ( ya gotta be kiddin about the call sign) wondered if we were having rain ?

N5OHL and I just moved the generator away from N5IXV because of excessive noise to Larry's station. Then we used a mechanical shield (two trash barrels) to further dampen the roar of the generators. This was completed after refueling the generators. Mike, KB5BIX and Terry, KB5RQT, brought a cooler of beautiful cold-cold water.. gosh was that great H2O!

Just met up with Don, KA5UOS, and Henry, K5SAM, who dropped in on our

field day. What a gift meeting up with those distinguished amateurs from the CW world of ham radio. To have them visit us at field day is a special treat. Thanks for coming by Don and Henry ! The Kiesperts- Brad, Barbara and Bill, just crept into the FD site. Yes, it looks like Brad has the predictable toothpick in place. They have been messing with their ice chest for about 1 hour now-this needs to be checked out.

Jim, KC5DMK and I just finished a neat conversation. He brings an Air Force career and current employment as law enforcement officer to amateur radio and our FD endeavor. Mike just eased Brad & Barbara into the task of cleaning the charcoal grills in preparation for our cookout. They were actually fairly easy to induce to the task.

Jim,(N5OHL),discussed the propagation pattern of his delta loop-seems to be North and South. He tells me his was earlier working 5 land stations but is now working east coast stations. He feels propagation will change to West as the sun affects propagation. The height above ground of his delta loop appears to null directivity.

The hamburger cookout was mighty swell and enjoyed by all in attendance. Visiting among families and friends sure looked like fun even though the temperatures resembled the charcoal grill. Brad and Mike did a job on those hamburgers which some of us ate a rate of 3-4 per capita. Among those gathered were Clara Granger, Donna Sieble, Linda Richardson & daughter, Jana & Denise Thomason, Edith Vaughn, and Toni Winnard. Gosh, how nice to see the interaction, laughter, and sharing.

KB5ODR was thoughtful enough to bring his frisbee even though his dad got hit about the head on more than one occasion. I heard an inquiry, at least four times, regarding the timing of Field Day being in the hottest part of the year. This perennial wondering is typically answered by, "Because by now it is just getting comfortable in Newington." You know their summers come later than ours. Yogi had a similar line of logic in "This is the time of year when it gets later earlier."



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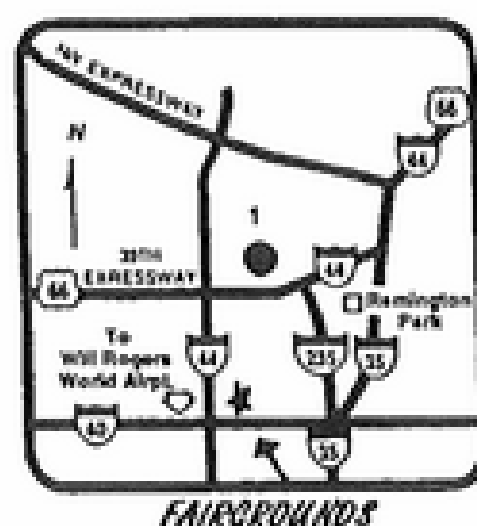
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Must be postmarked by Monday July 25, 1994 or 3 for \$5.00 \$ \_\_\_\_\_

Tickets will be mailed to you if received by

Monday July, 18th. Send Pre-registration form Total \$ \_\_\_\_\_

with check or money order to:

CORA P.O. Box 95942, OKC, OK 73143-5942

# M. O. R. I. NEWS

## MID-OKLAHOMA REPEATER, INC.

July 5, 1994 Minutes:

The meeting was called to order at 7:00 p.m. by Robert, N5QKI.

A moment of silence was observed in memory of Dick Mehnert, W0KPK (sk).

The minutes of the June meeting were presented by Earl, AB5TF. A motion was made to accept the minutes as presented - the motion passed.

The Treasurer's report was presented by Robert, N5QKI. A motion was made to accept the Treasurer's report as presented - the motion passed.

The Technical Committee report was given by N5QKI.

The Field Day report was given by N5QKI.

The Foxhunt report was given by AB5TF.

The CORA report was given by Rick, N5WNR.

### OLD BUSINESS:

None.

### NEW BUSINESS:

Discussion was entertained regarding a possible club picnic.

The VE report was given by Toy, AB5ET.

The meeting was adjourned at 7:21 p.m.

## TRANSMITTER HUNTS

The MORI club sponsors a transmitter hunt every Saturday evening in the OKC metro area. The hunts begin at 7:00 p.m. and last until 9:00 p.m.

The winner is the amateur who travels from a designated starting point to the

transmitter site with the fewest miles. The starting point alternates between the north and south sides of the city. The north side starting point is the Denny's at 63<sup>rd</sup> and North May Avenue, and the south side starting point is the Denny's at South Penn and I-240.

The hunts are coordinated on the 146.07/.67 repeater - just give a call there after about 6:30 p.m. for hunt information. Boundary maps are available at the starting point.

Though MORI sponsors these hunts, they are by no means restricted to club members. All amateurs are welcome to participate - no salesman will call! We usually gather at a local restaurant for coffee when the hunt is concluded and make excuses for not winning. This is a great way to spend Saturday evening - and you're invited. Hope to see you there!

73...

Earl, AB5TF

## From The Officers:

I regret to inform you that MORI lost one of its most active members in June. Dick Mehnert, W0KPK passed away. Dick moved to Oklahoma from the Seattle area last June. Dick was very active in the weekly transmitter hunts and was a valued member of the MORI VE team. There is certainly no doubt that Dick will be missed by everyone that knew him.

As most of you know, MORI's field day was held late in June at Lake Arcadia park in Edmond. With all of the fun boating, water skiing and everything else, we managed to make a few contacts. According to Martin, KN6UG we scored around 3900 points. On Sunday morning, Craig, N5VIS and myself were somehow talked into going water skiing with Carol, KB5WFX. Although we probably did not finish near the top in points, everyone at least had a large quantity of fun. On behalf of the field day committee, I would like to thank everyone for their help.

Martin, KN6UG and Craig, N5VIS spent several days in late May doing

tower work and making many adjustments and improvements to the repeaters. .67 has a new antenna for the receiver that has really improved coverage. It is now possible to access east on I-44 several miles past the McDonnell's in Bristow. Several people have checked in from all over NE Oklahoma. There have been a few people that have been able to access .67 from as far away as Kansas, Arkansas and the Texas PANHANDLE!

Packet is now linked! Late in May, MORI1 was raised in height to somewhere above the 1000' level. Another node, MORI2 was installed in Tulsa. MORI1 and MORI2 can hear each other rather well. This link permits amateurs in OKC and Tulsa to communicate with each other almost all of the time via packet.

Attendance at our monthly meetings has been doing quite well, but we would like to see more people come out to the meetings. So, PLEASE make a point of coming to a MORI meeting, you will certainly be glad that you did.

And finally.... I wish to give a big thank you to Hal, KB1ZQ for taking over as editor of the C&E. Next time that you see Hal, tell him thanks for spending several hours every month to ensure that all of the clubs in CORA have a newsletter. The simple title of Editor does not really reflect how MUCH work is involved.

That's it for this month...

73

de Robert, N5QKI

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**ATTEND  
HAM  
HOLIDAY**

## EARS (Con't)

Soon, the operators drifted back to their positions as darkness began to close in on us. Sam, KV5X, came to do some operating and was as smooth as an operator as Larry even though we were giddy with the heat and aggravated him a good bit.

I forgot to mention that our scholarship winner, John Arnold and family, came to our Saturday night cookout. He and his parents are very nice people and are very appreciative of the college financial assistance being given their son by EARS. I can assure you John will make all of us proud.

I can recall deep intellectual conversations with Joel, (KB5FCF) into the night about sound, the path of sound waves and the possibility of sound being heard years after we thought it was "gone." There is something about FD darkness bringing out spooky kind of thoughts in us. We talked about the tree falling in the forest with no one around....did it make sound or not?

I was intrigued and excited to hear of the Oklahoma QRP publication of which several of our members are a part and KA5UOS is the editor. I asked Joel so many questions about the publication that he fetched a copy of it from his vehicle as an attempt to halt my interrogation. Quite impressive! Good articles describing equipment construction, band activity and product reviews.

It was very encouraging to see KB5ODR having authored a review of an MFJ receiver kit in the QRP publication. He purchased the kit, put the kit together, checked the rig out, wrote the review article and got it published! Brian- we are proud of you. I should have mentioned by now that KA5UOS expresses himself splendidly in the QRP newsletter which may serve to indicate that CW operators have good writing and expressive skills.

On Field Day Sunday morning it was exciting to take the antennas down and box up the stations. By this time, you

feel you have hoed your row and are ready for a good shower, electrical power without the sound of generators and a place to prop up your feet. As Pat Gray, N5SGV, drove and manipulated the CD Truck back into its domain at the EOC, I couldn't help but think it was nice to have the Truck with all its amenities and recognition but it was equally nice to have our need for the vehicle fulfilled.

N5OHL put the pencil to our FD and came up with the following totals:

80 meters- No contacts  
40 meters- CW- 62 contacts  
SSB-113 contacts  
20 meters- CW-30 contacts  
SSB- 38 contacts  
15 meters- CW-58 contacts  
SSB- 34 contacts  
10 meters- CW- 6 contacts  
SSB- 85 contacts

Total Contacts: 426

### Upcoming Attractions:

Board Meeting- Wednesday Aug. 17th  
7:00 p.m. EOC

Dinner Meeting- Friday Aug. 19th  
Location & Time to be  
announced  
73,  
de John, WB5SYT  
VP / Editor

## 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.

**Salvation Army** - Alternating Saturdays  
@ 8:00 a.m. on 146.22/82.

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

**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 @ 7:00 p.m.  
on 147.135/735.

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

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

**Wheatstraw** - Wednesdays @ 8:00 p.m.  
on 146.01/61.

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

## A. R. R. L. Bulletin

From: ARRL Headquarters  
Newington, CT

### ARRL Bulletin #56

#### Look At Licenses!

Amateurs receiving new or modified FCC licenses after **June 8, 1994**, should carefully note the expiration date. Only new, first licenses or specific renewals have a full 10 year term.

Amateur license upgrades, changes of address, call sign, or name changes are processed with the **original expiration date** intact. That is, they are not automatically extended for 10 years.

The FCC using a new computer software recently installed, is processing amateur licenses in this manner to conform with the way it processes all other Private Radio Service licenses.

The FCC currently recommends that amateurs submit license renewal applications 60 to 90 days before their expiration date. The Commission said it intends eventually to mail license expiration notices to amateurs. In the meantime, the ARRL is sending license expiration notices to ARRL members, along with an FCC Form 610 and a return envelope to the FCC's licensing division in Gettysburg, Pennsylvania.

## Packet Pal ?

### Another Way to Put Kids On The Air

While scanning the packet BBS I found this message and thought it would be a great way to encourage our children to get on the air. Why not a packet friend? Messages addressed to a young ham in his own call would be like receiving mail in his own name. So maybe we can get some of our younger hams to start being packet pals.

CQ Teens....

Hello, name here is Jesse. I am looking for anyone to write me back and have sort of a "packet pal" instead of a pen pal. (Packet Pal letters are ledgible, that is why hi hi) Thanks for reading this and please reply!!!

73,

de Jesse:

KE4CQE@K4DPZ.#GNVFL.FL.USA



## July 24 - August 27, 1994 Schedule of Events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
24	25	26 8:00 p.m. VE Exams 7:30 p.m. CORA	27	28	29	30
31	AUG 1	2 7:00 p.m. MORI	3	4 7:00 p.m. Aeronautical Center 7:30 p.m. CARS	5	6
7 1:00 p.m. MORI VE Exams 2:15 p.m. Great Plains	8 7:00 p.m. EARC	9 7:30 p.m. Altus Assn	10	11	12	13 9:30 a.m. SCARS 10:00 a.m. SCARS VE Exams
14 2:30 p.m. Wheatstraw	15 6:00 p.m. CORA VE Exams C&E Deadline	16 7:30 p.m. OCAPA	17	18	19 EARS Dinner	20 9:00 a.m. VE Exams 11:00 a.m. VHF Club
21	22	23 7:30 p.m. CORA	24	25	26	27

### Propagation Forecast Bulletin 28 ARLP028

From Tad Cook, KT7H  
Seattle, WA July 15, 1994  
To all radio amateurs

The sunspot count was up a bit last week, but the solar flux was about the same as the week before. The Sunspot Number is based on the total area and number of spots visible on the solar surface from Earth. More sunspots of larger areas generally produce more of the sort of radiation that makes the ionosphere reflective.

Solar flux is energy from the Sun measured here on Earth at 10.7 cm wavelength, or 2.8 GHz. It correlates fairly closely to the charged particles reaching the ionosphere that reflect radio waves.

Geomagnetic disturbances were down last week, with a falling A index in the single digit but on Thursday, the day this bulletin was written, the K indices began to rise to four. More active levels are forecast for the next couple of days due to a recurring coronal hole, an area on the Sun that generates disturbances here on Earth. Another period of upset is forecast for July 23 to 28.

Solar flux is expected to stay in the eighties through the rest of the month. Broad peaks around 90 may appear centered around July 19 and August 6.

Sunspot Numbers from July 7 through 13 were 90, 82, 72, 102, 84, and 81, with a mean of 86.1. 10.7 cm flux was 86.1, 85.8, 85.9, 86, 85.6, 82.9, and 81.4, with a mean of 85.1.

The path projection for this weekend is from Cleveland, Ohio to Congo.

80 meters should open from 0030 to 0515z, peaking around 0200. 40 meters should be good from 2330 to 0530, and 30 meters from 2230 to 0600. Check 20 meters from 2100 to 0230, and on some days, 17 meters may be open 0000 to 0200. 15 meters and above do not look look good at this time, but on rare occasions 15 meters may open just after sundown on the Cleveland end of the path.

K2GKK @ K2GKK.#OKC.OK.USA.NA

If I read this right the bands should have some decent propagation. I placed this in the C&E to give an idea as to how the band conditions should be over the next month. If someone will sit down and write a layman's article on how to read the solar flux and sunspot numbers it would be appreciated. Help teach us how to read this type of information, so we can make more contacts.

73,

Hal, KB1ZQ

Please let us know how you liked this edition of the *CO<sup>2</sup> Collector and Emitter*. Let's keep it going, I'll work it as I can.

*The Editor*