

VOLUME 15  
JUNE 1989  
NUMBER 172

CENTRAL OKLAHOMA RADIO AMATEURS  
**COLLECTOR AND EMITTER**



50¢

SECOND CLASS MAIL  
Postmaster, see page 2



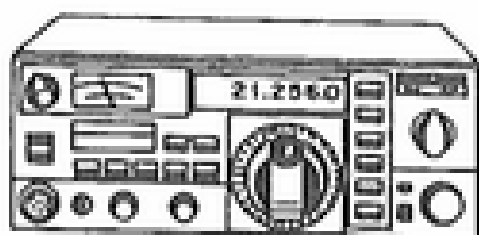
THE **Z**ANY **N**ews **F**REQUENCY  
By JOE, WA5ZNF

It's that time again. Time for all of us to make our plans to attend the premier HAM HOLIDAY & ARRL WEST GULF CONVENTION. It is being held, as usual, at the Lincoln Plaza Convention Center here in Oklahoma City to take advantage of their air conditioned (condition) and spacious areas for a huge Flea Market and space for all of the commercial dealers all to their self and separate from all other activities.

This year it will be held for three days, July 28, 29 & 30, with plenty of things to do each day.

FRIDAY: Check into the Lincoln Plaza Motel. Get comfortable and get ready to "eyeball" all of your old friends and meet a lot of new ones. There will be programs in the evening to keep you busy.

SATURDAY: This is the big day. There will be programs, flea market swapping and trading, cruise through the commercial dealers for the latest in rigs, connectors and whatever your heart desires, women's programs, Kiddie Koral (so you are free), all topped off with a Wouffong initiation.

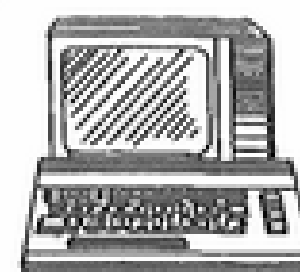
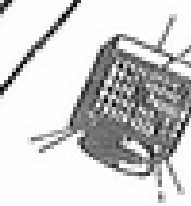


SUNDAY:

Maybe this one will be the big day after all. What with a wrap up of the programs---church services.

See the preregistration form on page 2 to be qualified for this one. Then there are dozens of other awards to be distributed before the YAESU FT-757GX is awarded to...YOU.

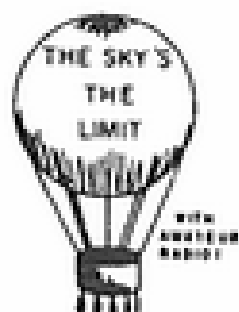
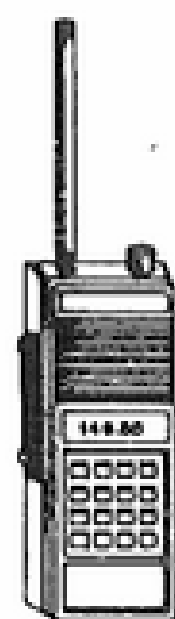
**CONVENTION**



MORE AND MORE

The above is a very small part of HAM HOLIDAY & ARRL WEST GULF CONVENTION. There will be a lot of things covered that will be found on page 2 along with a pre-registration form and a form for reserving you a room at the Lincoln Plaza Inn (Hotel). Now I would like to suggest that you turn to page 2 and complete the preregistration form, add as many names as you like and forward it to CORA, Box 850625, Yukon OK 73085 (Be sure to add the ZIP Code, 73085). If you want to eat hearty and have an evening of fun reserve your place at the banquet table.

If 50 of you reserve a room at the Lincoln Plaza we will get \$800.00 off of the cost of holding the convention--and you know where that money will go, right back to about a hundred of you in the form of awards.



**HAM HOLIDAY & ARRL WEST GULF CONVENTION**



**JULY 28 - 29 - 30**

**LINCOLN PLAZA  
OKLAHOMA CITY**

**HAM HOLIDAY & ARRL WEST GULF CONVENTION - JULY 28 - 29 - 30**

# CORA HAM HOLIDAY '89 WEST GULF DIVISION CONVENTION JULY 28-30, 1989

**LINCOLN PLAZA HOTEL AND CONVENTION CENTER  
4445 LINCOLN BOULEVARD OKLAHOMA CITY, OKLAHOMA  
GRAND PRIZE: YAESU FT-757GX  
PRE-REGISTRATION PRIZE: YAESU FT 2700  
MANY OTHER HOURLY PRIZES**

**IMPROVED FLEA MARKET AREA  
TECHNICAL PROGRAMS FEATURING HAM - SCIENTISTS AND ARRL FORUM  
BAR-B-QUE BANQUET ON SATURDAY EVENING**

Programs begin on Friday evening and continue through Sunday morning. New this year will be a Woolf Haug. VE testing will be conducted on Saturday & Sunday, so come ready to upgrade. We will have our public access demonstration room featuring the latest technology in Amateur Radio, as well as the old favorites. Also this year, child care will be available at Ham Holiday. To reserve a place for your youngster, since space is limited, contact Dorinda Skaggs, 799-5363. As usual, the ladies will have a fabulous program. In addition to technical and non-technical programs, there will be the yearly meetings of the various organizations common to Amateur Radio -- Packet, MARS, Oklahoma Repeater Society, Inc. Sunday Morning Worship will be sponsored by the Oklahoma Baptist Hams. Again this year some of the largest dealers in the Southwest will be at HH89. The Flea Market will again be upstairs in the BIG convention area. Plan now to be ready to buy that rig or antenna that you've always "needed". QCWA will host a breakfast Sunday morning. Talk-in is on 147.03 +.

**HH 89 IS BIGGER AND BETTER  
SEND YOUR PRE-REGISTRATION IN TODAY!!!**

## PRE-REGISTRATION FORM

LAST NAME _____	FIRST NAME _____
ADDRESS _____	CALL SIGN _____
CITY _____	STATE _____ ZIP _____
ADDITIONAL REGISTRATIONS (NAME & CALL SIGN) _____	
_____ REGISTRATIONS	@ \$7.00 _____
RESERVE _____ FLEA MARKET TABLES	@ \$2.00 _____
RESERVE _____ BANQUET TICKETS	@ \$7.50 _____

(REGISTRATION(S) WILL BE MAILED TO YOU IF RECEIVED BEFORE JULY 17, 1989)  
**SEND PRE-REGISTRATION FORM WITH CHECK OR MONEY ORDER TO:**  
**HAM HOLIDAY '89 PO BOX 850625 YUKON, OK 73085-0625**  
**MUST BE POSTMARKED BEFORE JULY 24, 1989**

Yes, I would like to reserve a room at the Lincoln Plaza at the HAM HOLIDAY room rate of \$42.00 per night .

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLEASE RESERVE \_\_\_\_\_ ROOMS FOR : FRI - SAT - SUN (CIRCLE APPROPRIATE DAYS)

\_\_\_\_\_ I WILL ARRIVE BEFORE 6:00 PM OR

\_\_\_\_\_ I WILL ARRIVE AFTER 6:00 PM, PLEASE GUARANTEE WITH MY CREDIT CARD:

AMERICAN EXPRESS VISA/MASTERCARD DINERS CLUB/CARTE BLANCHE

CARD NUMBER \_\_\_\_\_ EXPIRATION DATE \_\_\_\_/\_\_\_\_/\_\_\_\_

DO NOT SEND MONEY FOR HOTEL REGISTRATION NOW!

NOTE: TO RECEIVE THE \$42.00 RATE YOU MUST MAIL YOUR REGISTRATION BY JULY 14, 1989.

**1 AERONAUTICAL CENTER ARC**  
 MEETS: FIRST THURSDAY, FLIGHT STANDARDS BUILDING, FAA, SOUTH MACARTHUR 7:30 PM  
 PR TED ANDERSON, WYSM 685-4016  
 SE DOUG TEACHMAN, WODXA 392-5458  
 ASPR HAROLD TODD, WASVAD 685-3685  
 ASVP CHARLIE GREENE, WASJGU 943-5631  
 EDITOR: BILL OLIVER & LUKE ELLIS 329-6333

**2 CENTRAL OKLAHOMA VHF**  
 MEETS: 11:00AM THIRD SATURDAY, THE BRICKS RESTAURANT, 3100 N PORTLAND, OKC  
 PR JACK HUSE, WBSZKZ 691-1152  
 VP FRED BOARDMAN, WSNL 427-2505  
 SE JOE BUSNELL, K5JB 732-0676  
 TR ELLARD FOSTER, W5KE 789-6702  
 EDITOR: JOE BUSNELL, K5JB 732-0676

**3 MID-OKLAHOMA REPEATER, INC.**  
 MEETS: FIRST TUESDAY, 8 PM, COUNTRY HOMESTEAD RESTAURANT, 3100 N PORTLAND, OKC  
 PR BOB MOORE, KASETA 799-1765  
 VP JERRY METHORE, KDSIB 524-3080  
 S/T LINDA MOORE, KASNAV 799-1765  
 EDITOR:

**4 OK CITY AUTOPATCH**  
 MEETS: 7:30PM, THIRD TUESDAY  
 SALVATION ARMY, NM 50 & PENN  
 PR ROBERT SHAW, WASBOY 341-4763  
 VP DENNIS PATTERSON, WOSCSN 495-0769  
 SE LEONARD HANSTEIN, WSNEL 789-7201  
 TR LARRY DAVIS, KF5JH 722-4564  
 EDITOR: CHUCK WILHITE, K5HK 721-4926

**5 OKLA UNIVERSITY ARC**  
 MEETS: 7:30PM SECOND TUESDAY (SEP-MAY)  
 119 WILSON CENTER, 1334 S JENKINS  
 PR FRANK DONALDSON, W5IOJ 329-4172  
 VP JOHN MUSTENBERG, KESH 325-2382  
 S/T JIM GREENSHIELDS, WDSHPV 321-9981

**6 ALTUS ASSOCIATION**  
 MEETS: 7:30PM, SECOND THURSDAY, NORTH MAIN FIRE STATION (CD) ALTUS  
 PR FRANK FERITTA, AASIT 482-1398  
 VP NONE  
 S/T MIKE SCHENKEL, W5VXU 482-1797  
 EDITOR: MIKE SCHENKEL, W5VXU 482-1797

**7 BICENTENNIAL (76er) ARC**  
 MEETS: 8:00PM SECOND TUESDAY  
 OKLA CITY COMMUNITY COLLEGE, ROOM 2NS  
 PR DENNIS HUSSEY, KASGTH 524-4760  
 VP BILL SKIPPER, K8SBS 392-4612  
 S/T JERRY SPROUL, W5AHH 354-2061  
 EDITOR: CHRIS EVERETT, K8566Y 364-6794

**9 WHEATSTRAW ARC**  
 MEETS: 2:30PM SECOND SUNDAY. LOCATION VARIES. SEE CLUB SECTION FOR DETAILS.  
 PR PERRY JONES, W5HGZ (WKFord) 772-6063  
 VP GEORGE MASCHINO, K5G6L (OKARCH) 263-7614  
 S/T JOE GARLAND, W5FLT (CALUNET) 893-2660  
 EDITOR: RALPH WILDER, W5PFX (MATONGA) 623-5421

**10 OKLA INDEPENDENT ARC**  
 MEETS: 7:00PM SECOND TUESDAY  
 SOUTHWESTERN BELL OFFICES, PONCA CITY  
 PR VERNON TREIDER, Jr. W5ANV 767-6260  
 VP TRUMAN STINER, WBSWRE  
 SE GLENN COKER, W5HFC  
 TR JIM DEL TORTO, K5FLI 762-1221  
 EDITOR: MIKE MORRIS, W5JJR 765-6260

**11 EDMOND AR SOCIETY**  
 MEETS: ONE MONTHS, 3RD SUNDAY, 2:00PM EDMOND EOC. DINNER, EVEN MONTHS, 3RD FRIDAY.  
 PR HAROLD WELLS, W5ZKX 623-5191  
 VP MARTIN McGEE, W5L7B 947-4968  
 SE DAWN ROWELL, W5XND  
 TR GLORIA QUINN, K8586H  
 EDITOR:

**12 GREAT PLAINS ARC**  
 MEETS: 2:15 PM FIRST SUNDAY  
 WOODWARD PUBLIC WORKS BLDG.  
 PR WINDLE HATCHETT, W5SPLN (FT SUPPLY) 766-3561  
 VP BOB BAYLESS, W5OGAX NONE  
 SE ROD FORD, W5SOWT (GAGE) 923-7683  
 TR FREIDA PATTERSON, W5EOX (NDMD) 256-2111  
 EDITOR: LEON CARLISLE, K85C2T

**13 KAY COUNTY ARC**  
 MEETS: 7:00 PM, THIRD THURSDAY, SEP-MAY,  
 PIONEER VO-TECH, PONCA CITY OK  
 PR MIKE MORGAN, W5LPZ 765-9539  
 VP STEVE HUSTON, K8580R 762-4726  
 S/T HARRY BEATIE, W580PR 765-3862  
 EDITOR: DAVE LAARD, KDSFX 762-8616

**14 CIMMARON ARS**  
 MEETS: 7:39 PM SECOND TUESDAY  
 WXYZ PLAYHOUSE, 827 S 13, FAIRVIEW  
 PR JACK KELLY, W5LBN (405) 227-4515  
 VP RAY BARNES, A85Z (405) 274-3334  
 SE DENNIS PAINTON, W5SV (405) 764-3599  
 TR MADINE PAINTON, W5FMH (405) 764-3599  
 EDITOR: JACK DAY, W5SZ (405) 227-3462

**15 SOUTH CANADIAN ARS**  
 MEETS: 9:30AM SECOND SATURDAY, RED CROSS BLDG  
 NORTH OU CAMPUS, NORMAN  
 PR ANDI WOLF, W5SM 799-5150  
 VP DORINDA SKAGGS, W5IVA 799-5363  
 SE KEN BROWN, W5KUK  
 TR MONTE BATEMAN, W5SRZX 329-7485  
 EDITOR: KEN BROWN, W5KUK NONE

**16 EDMOND AR CLUB**  
 MEETS: 7:00PM SECOND MONDAY. SEE CLUB SECTION FOR LOCATION AND TYPE  
 PR MARK NORTHCUTT, W5DYI 755-4672  
 VP WENDELL COCHRAN, W5SISD 943-4308  
 S/T KAY NORTHCUTT, W5DYJ 755-4672  
 TRUSTEE: DENNIS ORCUT, W5SISN 340-0034

**CENTRAL OKLA RADIO AMATEURS**  
 MEETS: 7:00PM FOURTH TUESDAY, RED CROSS BLDG. 10 & HUDSON OKLA CITY (BACK DOOR)  
 PR FRANK TASSONE, AAS61 341-4945  
 VP DORINDA SKAGGS, W5IUA 799-5363  
 SE MARSHALL MADDOX, W5SP 360-3205  
 TR MARK KLEINE, W5H2R 329-4285

## GREAT PLAINS A.R.C.

USHGK Repeater 146.13/73

### GREAT PLAINS ARC

Welcome Jim Walling of Woodward to the ham ranks. Jim passed his exams for the Novice license and is waiting anxiously for his new call.

Northwest Oklahoma Service Net Manager, Andy Taylor, reports 12 sessions, 118 check ins, and 4 messages passed for the month of April.

I feel the need to say a few words on the subject of power safety. This poing was driven home during last Tuesday's thunderstorm. While waiting in my driveway for the rain to subside, my eyes were blinded by a big lightning bolt. My 45 foot steel break-over mast took a direct hit while I watched from my car. I was puckered up for an hour afterwards. The only damage sustained was the melted insulation on the #10 ground wire. The mast ground probably saved the house from a strike.

Being in a bit of a hurry to get on the air, I got a little careless about bonding and grounding. Sometimes it takes a close call to get people's attention.

Please take the time tonight to check your shack over. An 8 foot ground rod or two driven deep in the ground will make an excellent ground for your equipment especially if you use flat braided copper wire to connect them. Been getting a slight buzz when your forearm touches something metallic? Check it out!! You'll do yourself and your family a big favor.

Leon

Two capacitors in series:

$$C_{\text{total}} = \frac{C_1 \times C_2}{C_1 + C_2}$$

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EDITOR: JOE HARDING, W5ZNF 737-1044  
 CIRCULATION: BOB GRAHAM, W5NSV 677-8685

## INDIVIDUAL IMPRESSIONS

Horace J. Marrinan, W5AYO, was my first radio teacher. He was a quiet and modest man with a gift of subtle humor. He attended old Central High where he acquired his basic skills in radio. About that time Exchange Ave. Baptist Church obtained a construction permit for an AM radio station from the Federal Radio Commission. The transmitter was designed by Frank Herrman and constructed by Horace. The call was KFXR "Key For Excellent Radio" and the frequency assigned was 1340 Kilocycles with a daytime power of 1000 watts and 500 at night. The transmitter itself was quite impressive - shield cages you could see through and observe the glowing tubes - a myriad of meters (Herrman must have had something going with Weston and Jewell!) - and an eerie blue bank of mercury vapor rectifiers for the power supply on the north wall. The antenna was a Marconi type supported by two square-shaped wooden towers.

I first met Horace in 1935. I was a student at Harding Jr. High and our family joined the Exchange Ave. church. My dad, John A. Maupin taught a Bible class over KFXR on Sunday mornings. I struck up an acquaintance with Charlie Ford from Packingtown and found he was taking radio lessons from Horace. This stirred my interest and soon I made a similar arrangement. Each Saturday I would hop the Classen trolley, transfer to Exchange at the Terminal Bldg. and ride across an old wooden bridge that spanned the North Canadian river to the KFXR transmitter site. The studios were first located in the church bldgs. but later downtown in the Hightower Bldg. Horace had taken a correspondence course from Radio & Television Institute in Chicago. Each Saturday he would pass a study packet and work sheet to me and check them the following Saturday. I paid him 25 cents a lesson (quarters were bigger in those depression days!). My first construction project was a 2-tube regenerative receiver built on a wooden breadboard covered with copper sheeting. It used a 230 det. stage and a 231 audio with plug-in coils (rotatable tickler winding inside the coil form), Hedgehog audio transformer, Kurz Kasch vernier dial and Murdoch headphones. The power supply consisted of a Bosch "B" Eliminator with a Raytheon "BH" cold cathode rectifier tube and a pair of 1.5v telephone type dry cells.

Horace drove an Essex sedan with a converted Atwater Kent TRF receiver

to serve as a car radio before such were marketed commercially. He had a talent for radio device construction and built "condenser" and "velocity" type microphones for the station. Hamming in his spare time, he built a TPTG rig with copper tubing tank and several homebrew receivers. He had dreams of owning a new Patterson superheterodyne ham receiver (which promised much in the ads but was never marketed). He ended up buying a Breting 12 which replaced the nebulous Patterson.

During the KFXR days, there were several other relief transmitter engineers who had ham licenses. Two of these were Gerald Tuma, W5BEP, who later became a Prof. of EE at OU and Eugene V. Harris, W5AEF, who later became my radio sgt. in the Hq. Battery of the 90th F.A. Brigade, 45th Division. Gene also was the first Wirephoto specialist for OPUBCO. Another ham, John Scott, W5JO, hung around the transmitter periodically. Horace had a one-by-two portable radio call which lapsed. He was a member of the Institute of Radio Engineers which later merged with AIEE to become the current IEEE.

KFXR was later sold and the call changed to KOCY with a new location in Plaza Court and a Collins transmitter. Much later, KOCY was sold and the 1340 KHz spot on the dial now is KXY. Horace went to work at the WKY transmitter on NW 39th St. and later at the WKY and WKY-TV site on Britton Road. He finished his career and retired there. I used to assist him in making field strength tests for the 39th St. WKY site.

When I went to college I lost touch with Horace until 1952. I earned a BS and MS in chemistry and taught 7 years in state colleges. When the Korean conflict arose, I was given opportunity by US Maritime Service to serve again as shipboard radio officer in the Merchant Marine (I had served 2 years during WW2). The pay was attractive so I upgraded my 2nd Class Radiotelegraph and Radiotelephone commercial licenses to 1st Class and passed the US Public Health Service exam for first aid to the injured to qualify as ship's medic. When I applied for a ship, however, I found a fleet of merchant ships had made a single voyage to Korea and were decommissioned on return, leaving no radio officer berth available. I returned home and called on Horace to see if I could use my new license as an engineer at WKY. He suggested I try KWTU which was in the construction phase. I did this, was employed and served 4 years as a charter transmitter engineer before moving to FAA Academy where I finished my career and retired in 1979.

After retirement, I became more active in ham radio and one morning I heard a familiar call on 40 meters CW - W5AYO! Horace and I then had our first QSO on the air and set up a regular radio sked. We attended two Ham Holidays together and upgraded our licenses to Extra Class. Horace died Feb. 5, 1982. He left 1 son and 5 daughters. He was a member of the 89'ers Club and Oklahoma Heritage and left a positive impression on many lives.

Charles E. Maupin, W5HQM

### Are you a C & E SUBSCRIBER ?

If not, you are missing all the news and events that happen in Oklahoma. That is, all the Amateur Radio news and events.

The subscription price is \$7.00 a year, but for this grand and glorious occasion we are going to accept subscriptions for ONLY \$5.00 a year if we receive your \$5.00 by the time HAM HOLIDAY & THE ARRL WEST GULF CONVENTION COMES AROUND.

/ / YES, HERE IS MY \$5.00 FOR A YEARS SUBSCRIPTION ' '

NAME \_\_\_\_\_ CALL \_\_\_\_\_

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE NO. (IF desired for the roster) \_\_\_\_\_

CORA C&E, 1020 Arthur Dr. Midwest City OK 73110

#### A LETTER TO MORI MEMBERS

In April 1989, a ballot was sent to all members of MORI (Mid-Oklahoma Repeater, Inc.), requesting they express their opinion whether to rejoin CORA. 46 per cent of the membership responded, 59 per cent voting in favor of rejoining CORA (including 4 offering to serve as CORA representatives) If you were one of those 4, please identify yourself to MORI President Bob Moore, KA5ETA, 799-1765. CORA meets monthly on the Fourth Tuesday at 7 pm through the northeast door of the Parents Assistance Center (the old Red Cross offices), 323 NW 10 (at Hudson) in Oklahoma City. It will be necessary that the representatives attend the monthly MORI meeting to provide club input to the CORA Board. MORI meets the first Tuesday of each month at the Country Homestead Restaurant, 3100 N. Portland.

The membership of MORI currently stands at 133. At our May meeting there were 14 members in attendance - 10.5 per cent. We solicit your comments and recommendations as to improving the attendance as well as our membership.

We are planning on offering Novice/Tech classes again this fall to attract new members. We have to get some new blood into the club the OLD regulars are about burned out.

Again, we are open to all suggestions and recommendations. We cannot continue to "let the other guy do it" any longer, we must all jump in and do our part to keep this club (the second oldest in the OKC area we believe) alive and growing.

MORI maintains two VHF repeaters: 146.07/67 and 146.34/94. In addition, we provide UHF service thru the 444.1 repeater. The club also sponsors the only 220Mhz repeater in the OKC area at 224.1Mhz. All repeaters have autopatch and autodial. The 34/94 VHF, 224.1 and 444.1 are permanently linked. All this is maintained by club volunteers at considerable time and unreimbursed expense on their part. The cost of maintaining these repeaters and services, as well as upgrading the equipment is considerable.

As a result of the added expense to provide our members with the CORA Collector & Emitter, it may be necessary to increase the club dues to cover the additional expense. You are encouraged to attend the up-coming MORI meeting to express your opinion on these important matters involving your club and your money.

Ten years ago, MORI was THE ham radio club in OKC. Ask any "ole timer" and he will tell you that he was or is a member of MORI. Sure we have had our ups and downs, but now is the time to get behind your club and help. Apathy is the biggest problem in ham radio today. Its always easy to sit back and criticize the way things are going, save that for the politicians. This is a volunteer group of hams dedicated to furthering your interests in ham radio and we like to be told we are appreciated once in a while.

Let us take this opportunity to thank the past officers and trustees of MORI, as well as those who have given of their time and talents to make this the number-one club in OKC. Now is the time to get behind the present officers and trustees to let them know that you care about the club. A special thanks to Bob Moore, KA5ETA, our President for the second term (not by choice), and his right hand bride, Linda, KA5NAV, our Secretary/Treasurer. Also the fellows who keep the repeaters up and going: Glen Bishop, WN5J, Ron Cron, WA5EAI, and Mike McClanahan, KA5TDA. Much of the equipment being provided for your pleasure has been provided by these unselfish people.

Jerry Weytmore, KD5IS and Jim Buswell, N5BEQ

# OIDAR

OKLAHOMA INDEPENDENT  
AMATEUR RADIO

These notes are from the 09 May 1989 Meeting.

The Picnic held in honor of the new HAMS was a big success. The report was that everyone who attended had a GREAT time. Well, it wasn't that well attended, but both guys enjoyed it! There were really more people there than that, and they really did have a good time.

Congratulations are in order for the first new HAM to come from the local Novice class, Mellisa White, KB5???. She is the 11 year old daughter of Dave, WN5LUI, and Debbie, N5LPP. Mellisa passed her tests just before Dave, et al began the regular class, where the remainder of the class was tested. The following are also new Novices:

Perry A. Bradley  
Daniel J. Pirolo  
Daniel J. Brownfield  
Darryl C. Hall  
Mark A. Robinson  
Carl L. DeWhitt

Congratulations to all!!!

Thanks to Dave White, Mike Morgan, N5LPZ, Dave Land, KD5FX, and all who helped to make this class a success. I understand that they are going on to get a Technician ticket without a break! Thats the spirit! This is a joint effort of this and the Kay County Amateur Radio Club.

The preparations for Field Day were discussed. Steve Huston, KB5DOR, said that preparations are progressing well. Set up will begin Saturday Morning at the Kaw Lake Overlook, just west of the dam. Some members discussed the possibility of pitching tents and spending the night with family members. All I can say is...it was great for our family last year and we plan to do it again this year. Y'all come on out!

The 1989 Ponca City Grand Prix will be held on the first and second of July this year. The spectator safety duties will be a joint effort, with support primarily coming from the two area clubs. Last year we also had some great help from some out of town HAMS. Shirts were provided so the HAMS whi helped with Spectator safety last year could be

CONTINUED

# The South Canadian Amateur Radio Society

The May meeting of SCARS was held on the 13th at the Red Cross in Norman. 22 Loyal members were present when the meeting was called to order by president WU5W at 9:35.

The treasurer was absent but sent his report by telephone from parts unknown that there was \$2044 in the bank and we had 102 paid members. The new SCARS roster should be out in mid June.

## Old Business:

The Mini Baja race was held in May and a big thanks goes to Bob Guthrie for his work in organizing the volunteers to assist in the race. Mark N5HZR acted as net control and many club members assisted safety officials in making sure the race was a safe one.

The 89er bicycle stage race was held on the following weekend and net control for this event was Jerry N5MAY. This was said to be the largest bicycle race of its kind in the area and was good practice and preparation for the bicycle events in the Olympic festival. There were about 500 riders and the club radio operators assisted safety officials in several bad accidents.

The license class has ended and six people have made it to Technician or General. Now waiting for a letter from the FCC with their new license are:

James Devlin, technician  
John Dutch, technician  
Jerry Foggle, technician  
Michael Foster, technician  
Betty Neptune, technician  
Charlie Wright, general

Congratulations to all and thanks to the instructors, WA7UDK, N18W, and N5MAF.

## New Business:

An emergency drill is being planned by Norman Regional Hospital and SCARS will be requested to provide members to assist with communication. The date has not yet been fixed and should be known by the next club meeting. KA5EFJ, our ARES representative will check with the hospital about their requirements.

Fred Noble's wife Betty passed away this last month. The club arranged to send flowers.

Field day will be the weekend of June 24-25. KD5WA has been the coordinator for SCARS in the past but has been unavailable to be volunteered. Plans should be made at the June meeting about our participation. As usual, we will need setup and tear down assistance as

## OIDAR CONTINUED

easily identified as official race workers. Shifts were 1/2 day long and HAMS assisted with spectator Safety in the pit areas for both days of the races. I expect the organization will be similar this year. Mike Morriss, N5JJR, is the contact for this effort. Any HAM wishing to help this year can write to me at RR 1, Box 37, Ponca City OK 74601 or call me at (405) 765-6260.

There was a lengthy discussion concerning the direction that the repeaters should be taking. It was generally agreed that the Digipeater should probably be moved to another location. It was also mentioned that the voice repeater should have back up power and a study of the feasibility of this should begin soon. The linking with MORI repeaters was discussed briefly. It's still in the works.

See you at the next meeting on the 13th of June.

73, N5JJR

well as operators to man the station for twenty four hours.

There was discussion about the duplexer on our repeater. The one we have is designed for the public safety band around 155 mhz and is not optimum at our frequency. On a motion from the floor it was voted to purchase a new duplexer that will have better transmitter-receiver separation to help reduce the desense we have with the receiver.

A question was raised about putting the Noble police phone number into the emergency autodial of the repeater. This will take some further study.

## Committee reports:

The technical committee report was more or less covered in the duplexer discussion.

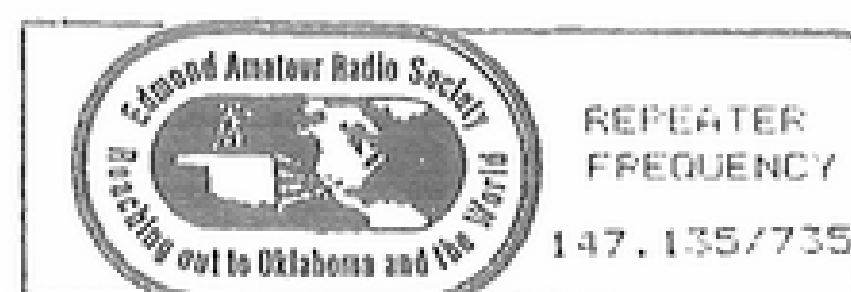
NWS - We had several storm days in April and the net was activated once or twice. There is a problem with the packet radio computer but it was only causing the loss of one the text of warnings. Some software work will be necessary to take care of it.

ARES - The local weather net has not been activated yet this year but everyone should be ready!

CORA - Our CORA representative was not available for a report but everyone is reminded that Ham Holiday will be the 28th thru 30th of July.

The meeting adjourned about 10:00 without a door prize drawing because no one had time to get a door prize.

Ken, N5KUK



The Centennial Parade seemed to be quite a success for OKC this year. Some very nice floats, professionally built from their looks and quality. There were also several bands which always makes a parade in my opinion. Although there was some confusion in certain areas, but with this large a parade this could almost be expected. Of course it didn't go without incident, several people collapsed from heat exhaustion, temperature was 90 degrees and about 120 on the pavement. But all in all a great parade it was. Every one who participated are to be congratulated for their fine work and efforts.

Ed Grainger, KB5DZU, is this years Scholarship winner. I understand Ed works a full time job and also attends college, plus being married with children. Quite a chore for anyone, Congratulations to Ed from the EARS Club.

Joe Lynch, N6CL, ARRL Section Manager, was appointed membership board member by the board on Tuesday May 16th. Joe will replace Shelby, KA5YPE, who resigned her position last month. We will look forward for much good work and service from Joe.

Tuesday May 16th the board approved the purchase of a new 2250 watt generator for club usage. This will become very useful when needed.

Field Day this year will be held at OAKCLIFF VOLUNTEER FIRE DEPARTMENT, 1 mile North of Waterloo road on Bryant. There will be space for 10 to 15 rigs inside. There is a small kitchenette available but it was decided that "Bring Your Own Food" would be a better idea.

73 Marlin, N5LZF

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# Salem

## DAYTON 89 - A WET AND WILD ONE!!

There's group that gathers from  
near and far.  
They travel by train, plane and  
by car.  
They meet in Dayton, right before  
May-  
They're the faithful, the Krazies,  
The I, double O.K!

I.O.O.K Theme Song  
Copyright 1987 Farley

Dayton 89 was cold, wet and miserable at least thirty per cent of the time. Would I miss it? Actually, the question should be, "Did I miss it?" Well, no, not really, absolutely not! You see, it really doesn't matter what weather or conditions the ham gods might throw at those of us who are the intrepid travelers of Dayton. You must be there and see and believe. The weather is only an incident that must be endured. It is the test that separates the confirmed from the merely mortal.

Before the trip this year, I haven't really thought a lot about how many times I have been to Dayton. And it is probably a good thing that I didn't really dwell on it. Now I am not superstitious, but my first trip to Dayton was 1976. That was the year that Joe K5HMD, Roger WA5JXX and myself climbed into a single engine airplane and made the 700+ mile trek to Dayton for the first time. What an experience! Besides being one of my first long distance cross country flights in a small single engine airplane, that first trip introduced me to the greatest hamfest and radio flea market in the world. Despite the use of a Dramamine cocktail to control those urges in the pit of my stomach that told me mankind was not suppose to fly in small aluminium containers in the sky, the next year I endured a hard soup IFR flight to Dayton with Joe. It seemed only right that the flight would be through the bad weather. Joe had just gotten his IFR ticket and was raring to use it. This flight was a real experience. It rained so hard that it peeled the decals right off the airplane. I had to look up finally as we were making the approach to Dayton Cox Airport and see the strobe light rabbit pointing

the way toward the touchdown through the 800 foot ceiling. At the time I remember thinking that this was an imminently useful, practical and, yes, important use of a strobe light, a device I had previously associated with the crazy atmosphere of a bar.

The next year Joe got his multi-engine rating, so logically we upgraded our transportation mode to a twin engine to for the trip to Dayton. Good idea. We load up and took it on the lam to Dayton. This time the excitement on the trip occurred when the door popped open and my two Motorola HT-220's that were hanging on the door post went swinging out toward free space as the plane yawed toward the ground. We finally had to land the airplane to close the door. It is a good thing I had my seatbelt, because it seemed like I was going to follow the two radios out the door. What a trip. A thousand laughs! Whew!

I didn't fly the next year. Joe had decided not to get another rating and Roger was getting tired of going and busy. Instead, a bunch of us got together and took a motor home. We had a great time, but that was 17 hours on the road. And so tiresome. I was glad I had a flight back to make a meeting the next day. Especially I talked to some of the returning champions who spent 17 hours on the way back.

The next year, it was my turn to acquire an airplane and a license. Rats, the weather was simply terrible! Fortunately, I had JB as the navigator. We took off from Norman and headed straight north and scurried up around Wichita to avoid some bad dude storms, then landed at Emporia. Leaving there, the weather was OK and we climbed to 9,500 feet and scooted over the St. Louis TCA, then made a single hop into Dayton. A 40 knot tail wind was a big help.

I took the airplane a couple of times more and went with JB once or twice in his plane. The rest of these trips start to blur together because shortly after that a group of us started flying commercial. Flights on Delta out of Tulsa were particularly cheap, so we would load up and head to Tulsa for the departure. After a couple of years, the population of our travel group basically consisted of Joe K5JB, Joe WA5FLT, Stan N5JFQ and myself. Oh, we had a couple of

people who would come and go from year to year such as John WB5FZD or Jim WB5YWO. But Jim won the grand prize the first year he attended Dayton (He accused the prize committee chairman of a hoax perpetrated by me when he got the call on Monday morning), but I guess he decided not to test his beginner's luck much after that. Roger WA5JXX dropped out also and didn't renew his commission until about three or four years ago. He used to talk about how this was not an economically feasible trip. But finally, he learned the true meaning of "kick back" and somehow the economic objections went away and Dayton was back on his yearly agenda. Now we count him among our regulars along with Tim WA5LTM and Chas KA5UPM.

Regular planning for Dayton usually begins the week we get back. There is generally some discussion about going back the next year on the plane ride back. Some people are probably tired after spending three days in the flea market. But when I'm on that airplane heading back home, there is no doubt in my mind that I want to get up to Dayton the next year. The last several years we have also been fortunate to have our own built-in travel agent in the form of WA5LTM. Tim loves to plan, and plan, and plan. Unfortunately, the way we travel, our trip to Dayton is a mild form of anarchy. Nevertheless, Tim makes arrangements for the rooms and also monitors the airline ticket situation so that we can buy tickets at just the right time. This year, Tim did his usually efficient job and found the airline tickets at the lowest price and got the rooms on reservations. Unfortunately, his own pressing business kept him out of the rotation for this year. Tim is planning on going to Hamcom with me this year and indicated that he would be ready for another trip to Dayton next year.

With the travel arrangements and living accommodations out of the way, all I had to do was get the rental car arrangements, then "kick back" and wait for April showers. We also thought about going up a day early to make sure that we got through the new wing of the Air Force museum. All we did was talk about it and the plans to go early never really materialized because Stan N5JFQ was not able to get away early. Except for Chas KA5UPM. Somehow he didn't get the message that Operation Early Bird was off and he called me on



monday the week of Dayton and wanted to know why none of the rest of us were confirmed on his early morning Wednesday flight. My excuse was that I was confirmed on the early morning Thursday flight. It is an understandable mixup, but Chas might have had some feelings that the rest of us did not want to travel with him anymore, especially after the stewardess strike several years ago when rolled up to the front door of the DC9 and pulled it open when we arrived at the gate in St. Louis. He was still jawboning with the furious gate attendant while I slipped past with my flight bag full of tiny liquor bottles provided courtesy of the generous, but inexperienced stewardess who waited on us.

But all was not lost for the Chasguy. Despite his traveling to Dayton a whole day early, Chas had already planned a reunion with a former high school chum who was stationed at the air base. Talk about making lemonade out of a lemon!

We usually don't leave until noon on Thursday, but this time decided to take a early morning flight the expectation that we would get to Dayton that afternoon with an expectation that this would be the minitrip to the new Museum Wing on Thursday Afternoon. Ugh, this flight was really early because I had to get to the airport by about 7:30 a.m. or so. The best part of the flight was a visit with Bill WA5FWD at the TWA gate. How can anybody be so chipper this early in the morning? I think I'll write Carl Icahn about this.

The plan to make it by the Air Force Museum worked out and we were in Dayton by about 1:30 p.m. or so. A rent car from Avis (we had some local help from Nora Ward, our local connection). She managed to line up a white Cadillac for our use during the weekend. (We always get a Cadillac if we can. If you are going to Dayton, you might as well go in style, just like a Gucci toilet).

The new wing at the Museum is impressive. They have added quite a few exhibits for display from their extensive collection. To me, the most impressive exhibit is the prototype SR-71/YF-12 (The Blackbird). I saw this impressive plane last year during its trip here for the Aerospace America show. What a machine! In the static display in OKC, there were soldiers with burp guns who would not let you within 10 feet of the plane.

At the Air Force Museum, you could walk up and look underneath and through the plane. I was standing in the wheel well looking at what looked like a handmade meter panel with a label made with appeared to be a Dymo label maker! Talk about a prototype!

Another reason to stop by the Air Force Museum on Thursday afternoon was that the Hamvention Committee has now extended the flea market from its usual Friday start time at 12 noon to Friday morning at 8:00 a.m. It was probably inevitable. Flea market exhibitors would start lining up to get into the flea market on Thursday. They would be allowed to set up Friday morning. Once they set up, the flea market exhibitors start buying and selling to each other. By noon, all the good bargains were gone. Those who managed to bring some really neat goodie would usually sell all of them to other flea market exhibitors and these items would wind up on the purchaser's tables with a slight price increase.

Thursday evening, we considered what time to hit the flea market the next morning. Since the flea market was going to open early, we decided there was no reason not to be there as soon as we could after the rope dropped. Our plan of attack was to arrive about 7:00 or shortly thereafter. Getting out of bed that morning was not that difficult. I had a lot of work to do before I left, so I really got no sleep Wednesday night. This meant that I hit the rack early Thursday night, so I was up and raring to go on Friday morning. I walked out of the Motel and it seemed a little cold. Hey, is it going to rain today? JB sez it doesn't seem like it would be that bad. Well, it might not make any difference. I left my coat at the motel and my umbrella in Oklahoma. So what happened by the time we got to the Arena? You got it, it was raining cats and dogs. And I mean big dogs. I don't quite remember seeing such a river in the grass field north of the flea market parking lot. It was a serious problem for those who chose to drive down the mud path for parking in the north lot. And it was a great day for the wrecker crews. They had plenty of business the entire day. The next day the Convention Committee did not let anybody in the grass lot, especially after a four wheeler spent about thirty minutes cutting doughnuts in the mud. Some people spoil all the fun for the rest of us.

The rain and thunderstorm persisted for about 30 minutes. We parked the Cadillac (Chas became the designated Caddie driver) and spent our first half hour at Dayton in the car talking to each other about how great it would be. Finally, the rain let up a little and we ventured outside the car. The problem here is that the cloud outburst caused a lot of water to pass over the grass lot. There was no safe passage across the river and, despite some opinion, I have not yet mastered the technique of walking on water. As a result, my first day in the Flea Market was spent with wet tennis shoes.

It is fair to say that we didn't really miss much with the rain. There were really not a lot of vendors open for business in the rain. I found the LOOK booth in a state of partial assembly. Keith WA8ZWJ had gotten a dynamite location this year, but didn't have it up just yet. Chas and I helped Keith and Hoss WA5ZWJ for awhile. Unfortunately, it was starting to rain and it was also getting cold. For one of the few times in my life, I was miserable in the Flea Market. Fortunately, Jack KE5KR happened by. A savior by nature, Jack said he was heading back to his truck which was parked in the Flea Market. Is it warm in the truck? Well, Jack said that it would take the diesel a while to heat up, but he wasn't going to stand in the rain either. Could I tag along and dry out my shoes. Sure, let go!

I was able to get the shoes semi-dry and the socks quit sticking to my skin. After about another thirty minutes, the rain slowed and Jack decided to get out and get the market on the road. I decided that it was time to start working the crowd. After about thirty minutes, I found an enterprising gentleman was selling cheap rainsuits. Two bucks later and I had a semipermanent protection from the moisture.

Meanwhile, back at the LOOK booth, Keith had the tent assembled and beer keg was rolled out. While I love to cruise the flea market, I think that I enjoy meeting and visiting with all the friends we have gathered over the years in Dayton. Friday night was the annual "Gathering of the Faithful" meeting at the Farley manor and, besides some of the greatest food I have had in Dayton, we had the "feckless Fairley Faithful Awards." Fortunately, I managed to stay in the background and did not draw a lot of



attention because when they call your name, there is a good chance there will be a pointed, yet humorous barb attached to it.

I filled up with all the food and three layers of dessert including a terrific strawberry pie and a pineapple, coconut concoction made out of pure heaven. Besides the gathering of the group, I gathered at least five pounds that evening. After being up late the night before the trip and a short sleep the day before, I was really ready to crash that night.

We had a quick powwow in the car on the way back to the motel. Another try at getting up early the next morning? Well, OK by me. So it was again up at 5:00 a.m. and ready to hit the road by 6:00 that morning. Just one problem. It started raining again and here we were, sitting in the Cadillac and they would not let us turn into the parking lot. For goodness sakes! Here we were, 6:30 a.m. in the morning, it was raining and the asphalt parking lot was already filled? There goes the neighborhood. They were waiving us to the secondary parking place down at the Salem Mall about a half a mile away. Chas came up with the first positive suggestion of the day (not difficult considering the time of the morning). He said, "Let's eat." So we headed toward Needmore Road and found one of the small breakfast places that only cost us a fifteen minute wait. The service was speedy and the food was good. By the time we got back to the flea market, the rain had stopped, we scouted down one of the side roads and found a parking place that only required us to hike about a quarter of a mile. I gathered up my two carry bags and hot footed it for the flea market.

After the rain of the previous day and earlier that morning, the weather cooperated for more or less the rest of the day. It was at this time that I made my first great buy, an apparent benefit of the rain. I found some 900 Mhz full duplex links at about half their previous price the previous day. This price was about a third of the list price. I gobbled them up and started looking for duplexers in the 900 Meg Band. Hey, there aren't that many! I finally found one the next day. There were other deals in the flea market. I finally broke down and bought a 16 volt 350 mil amorphous solar cell panel. This about the size of two legal pads and it folds over into a carrying case the size of a

single pad. It came with a regulator that drops the voltage to 6, 9 or 12 volts. The cost was about \$90.00 with the regulator. I also checked out the new add-on for the Bird Wattmeter that allows you to check out peak power readings. It fits into the back of a regular Bird 43 and replaces one of the slug storage spaces with a switch that allows you to switch between RMS power readings and power peak readings. The drawback is that it takes two 9 volt batteries. The circuit appears to be a simple rectifier op amp circuit. I have not put it in the meter yet. The old bird gets a lot of use and I thought I would repair it before changing the innards.

After a long day in the Flea Market, we got back to the motel and unloaded all the goodies. The plans were for a small meeting of the faithful (about 20 or so) at the Casa Lupita Restaurant. We were among the first to arrive and for the first time, I felt like I was losing the battle of the bulge. I was not that hungry and the food looked so good. Well, this is only once a year. I ordered a main entre and stoked up on the chips and salsa sauce. This time, the ride back to the motel was a slight blur. I think I was asleep by the time I started to climb the stairs to the second floor at the motel.

Sunday morning was more of the same. We were up at 5:00 a.m. again and out to the Arena. This time a front had come through and we had semiclear skies and a cold temperature. But this was nothing compared to the two previous days. In the crisp early morning air, I quickly nosed out a 900 Mhz duplexer and handfuls of small parts. During my time in the flea market, I would buy and stuff items into my shoulder bag, then hike back to the LOOK booth and restuff the goods in another carry bag. Fortunately, I had already handed off several large bags of stuff to Jack KE5KR who was planning on leaving Sunday to drive back. Since the new airline baggage limits had taken effect, I was concerned that I might have trouble getting all the goodies on the airplane. The days are gone when I could carry a camera case, two Dayton plastic bags, my over the shoulder cloth carry bag and a jet bag and stow all this in the cabin. Fortunately, by the time I got ready to go, I had stuffed everything into the two bags that I checked at the airport and my two bags of carryon luggage.

We stayed until about 3:00 or so and then made some quick goodbyes to our friends. We had been able to park in the asphalt parking lot this time and we scooted out to the airport and checked the baggage at the curb. JB took the tickets to checkin and I reluctantly gave Avis back their Cadillac. We didn't get our seating organized together this year, so I spent part of the time reading book on the SR-71 I bought at the Air Force Museum and chatting with the neighbors. It's hard to believe that there are some people who leave Dayton on the Sunday of the Hamfest who are not licensed. These people did not have really have an idea what we were doing, except for my sunburn.

In the past, we have managed to win the lottery at TWA on the way back and picked up some flight credit for the next year. The past two years, TWA has been on to us and they have added an extra flight back to OKC. I had to be back for a meeting the next morning, so it would have been difficult for me to accept a buy to get off the airplane. Our plane out of St. Louis was about an hour late getting off the track, but that really was no problem since we expected to get back about 9:00 p.m. or so. By the time I got away from the airport and the baggage was unpacked, it was past midnight.

Whew! Like I said, we have already started to plan the trip for next year. This is the Mecca of Ham Radio. While I spend all but about a few hours in the flea market, the HARA Arena has added a new Exhibits Hall on the east side of the arena. Of course, this creates a problem because it took away the east parking lot. This means that the south parking lot is now reserved for exhibitors and their friends. It is a bit maddening to drive by Arena and see the acres of empty space on the south side. The Hamvention people have apparently turned close parking over to the exhibitors. Hey! Where can I get an Exhibitor's pass to park next year? It is a problem. There seem to be more people in the flea market who just park and don't open up to sell. It might be the time to start selling parking spaces on the asphalt ground. Space around the arena has reached a premium. But, after a slight twinge of irritation over this critical problem, I confess I am raring to go again!

Micheal Salem N5MS



### Minutes of June Meeting

Meeting was called to order at 1219 p.m. at the Homestead Country Kitchen by President Jack, WB5ZKZ, with 18 members and guests present. Fred, W5NL, gave Ellard's Treasurer report that we were in the black, but he advised the Club that CORA was 8 MONTH'S BEHIND in billing for Collector and Emitter expenses. The last bill we got was in SEPTEMBER 1988! The CORA treasurer has been asked to bring the bill up to date but it hasn't happened. The Club's actual financial well being will remain unknown until we find out what we owe.

There was some discussion of preparation for staffing a club flea market table and preparing a video tape of club activities. Next month we will firm up the schedule. Motion passed that the flea market table will be staffed only on Ham Holiday Saturday.

It was reported that Jerry, KD5IS, who had suffered a heart attack, was recovering well after a "balloon job". In another couple of weeks he should be recovered enough to resume normal activities.

Sidney Witt, K5MKW, is recovering slowly from his stroke. It was also announced that Travis Harris, K5DZV, was in the hospital in serious condition, but see the note below about the sad news I received as I was preparing this.

Meeting adjourned at 12:45 p.m. so we could get on with a presentation by Ken Fields, K5VFN. (Reported below) Joe, K5JB, Secretary

### K5VFN Tours Texas

Ken, recently attended a week-long seminar in Dallas that dealt with Electromagnetic Pulse (EMP) and its effects on radio communications. While he was in the area, he toured the Denton TX and Dallas, TX EOCs. He described the radio equipment, electrical power provisions and the enormous size of the Dallas installation. He discussed the EMP protection provided to the radio equipment at the Oklahoma State EOC. He advised that the devices used on the antenna feedlines would be suitable for amateur radio. The devices, costing about \$285 each are placed on each end of

the feedline. They provide excellent lightning damage protection as well as EMP.

Ken also advised that the State EOC was now equipped with a packet station on 145.09, running a personal mailbox equipped Kantronics KAM. Larry, K5VVD is responsible for it's installation and is keeping a close watch over it. It has the primary call, WSLOW, and a mailbox alias of RACES.

Thanks for the presentation, Ken. Joe, K5JB

### K5DZV Silent Key

After I had prepared the first draft of this article, I learned that Travis Harris, K5DZV, had passed away May 22 at the age of 73.

Right after our Club meeting, Ken Eason, KF5JS (ex K5VVZ), called me to tell me the following:

Travis Harris, K5DZV, who retired in December 1985 as the director of visual services for the Department of Human Services will have a new library named after him. Last week, the Oklahoma legislature resolved that the new Oklahoma Library for the Blind and Disabled will be named after Travis. Construction will start this summer and it will be located right behind the museum on N.E. 18th near the State Department of Libraries. Travis, who is well known for his involvement in amateur radio as well as his activities with the blind, retired after 47 years of public service, including 33 years as head of visual services.

The VHF Club extends its sympathy to Mrs. Harris and Travis' family. Joe, K5JB

### KD5OG Silent Key

Ralph Watkins, KD5OG, who lived in El Reno, became silent key May 7, 1989. He was 86 years old and very active. A few weeks ago, he called me to ask about what he could do to rig up an autopatch with ring-out capability. He said he had friends who were concerned about him when he couldn't be reached while cruising around town in his Porsche!

Ralph deserved a lot of admiration. While he has having trouble with his eyesight, he was able to pass the aviation requirements and stay current as a sailplane pilot until only recently. His most serious problem was emphysema and his doctor recommended he not travel to an examination point for his amateur radio license testing. Prior to the VE program, the FCC maintained a list of volunteer examiners who would administer exams to handicapped persons. The FCC asked that I administer

Ralph's exam, which I did, and which he passed with flying colors. (Come to think of it, I may have given him two exams; can't remember for sure.) I do remember that he could sure perform under pressure.

Ralph was a particular plucky guy, and I only hope that I can attain that same kind of attitude as the ole body wears out. It was a pleasure knowing that little guy! Joe, K5JB

### Another Dayton, another Dollar, Sigh!

This wasn't one of the more memorable Dayton Hamventions, weatherwise, but the buckets of rain seemed to thin out the crowds of past years. On the couple of forays into the "big building" I was pretty much able to move about without rubbing shoulder-to-shoulder with other sweaty hams. (Excuse me, the lady hams weren't sweaty, they were "glistening".)

I got to visit some with the packeteros, both TAPR, GRAPES, and RATS types and the manufacturer's. There were some interesting new things to look at, such as; from TAPR: a (planned) packet radio (uses TNC modem disconnect - available with or without the internal TNC) that runs packets at 9600 bps within a normal voice bandwidth (FM) channel, a circuit board that can be added to a TNC-1 to give it TNC-2 capabilities, and a couple of little circuit boards that develop a true packet data carrier detect on TNCs that use the XR2211, 7910 world modem chip or TI TCM3105. This latter mod is particularly useful on TNCs that are used with unsquelched radios, or on HF. TAPR had special Dayton prices on all the things they brought and I should have sprung for something, but I didn't.

PacComm was showing its 9600 bps packet modem, based on the G3RUH design. They have incorporated it into four products, an internal modem for connecting to a TNC-2 type modem disconnect, an external modem that can be connected by cable to a TNC, a digital transceiver and an integrated packet radio. (The latter is the transceiver with built-in TNC.) PacComm also announced a PC-320, dual modem circuit card for MS-DOS computers. This circuit board differs from a DRSI PC Packet Adapter by having all the TNC functions built into the card (including a Z-80 microprocessor). The DRSI PC'PA uses the computer to do the packet assembly-disassembly. The new TNC-320 is a stand-alone dual port TNC successor to the TNC-220. It has all kind of enhancements.

While at the PacComm booth, I asked about the panic that had happened a couple of months ago about Tiny 2 TNCs going deaf and needing modification. Some Chicken Little had sent a message nationally through the packet BBS network that if a Tiny 2 was deaf, perhaps it needed a modification relating to the TCM3105 modem chip. Texas Instruments had discovered that with some chips the polarity of one of the clocking signals needed to be reversed for the chip to work properly. (It is a clocking signal that is generated by the chip and fed right back into an adjacent pin. See pins 2 and 5 on your schematic.) PacComm had responded by revising their Tiny 2 circuit, providing information to those who would want to modify theirs, and offering to provide a free modification kit that would flip the signal. As a result of the publicity, a number of Tiny 2 owners became concerned if their TNC seemed to be missing an occasional packet.

I asked Gwynn how to tell if a TNC needed modification or whether apparent insensitivity was being caused by any of a dozen other things. He replied that if a Tiny 2 goes totally deaf and completely fails to receive any packets, it may be caused by the polarity problem. If the Tiny 2 decodes any packets at all, it is NOT the polarity problem, but something else wrong. The polarity problem is not real common, according to TI. It just seems to happen with some chips.

I thought it was interesting when the BBS messages were flying that nobody seemed to notice that the Kantronics KAM, which also has a TI TCM3105 modem chip, (as does the DRSI PC\*PA) would be similarly affected with the "polarity problem".

Digital Radio Systems Inc. (DRSI) didn't have much new in their line which includes three types of two port packet circuit boards that plug into MS-DOS computers. One has no modems, one has one VHF modem and a synchronous port and one has two VHF modems. DRSI sells a 300 bps HF external modem that can be connected to a PC\*PA synchronous port and has added a 2400 bps modem. It uses DPSK modulation, compatible with the Kantronics 2400 bps units.

DRSI's strong suit is its software. It has a well executed driver, written by Software 2000, that makes the MS-DOS computer do all the packet assembly-disassembly. DRSI supplies terminal programs, AA4RE's multi-connect bulletin board system, TCP/IP network software and enough code fragments that a programmer can use to "roll his own". I wrote a smart monitoring program similar to the one I use

with KISS code, that uses the PC\*PA "host mode" and it works well with the software.

Andy, KC2FF, DRSI's president, gave me a copy of the G8BPO NET/ROM emulator that runs on the PC\*PA. (This should not be confused with the popular Rip/ROM which has been center of controversy for some time. This software, called PC/Node, was reportedly reviewed by Ron Raikes, WA8DED, and given his approval as an independent work.) I don't have much documentation and I have a distinct feeling that the version I have may not have been fully tested under all circumstances. It may be very capable but I am reluctant to upset the local NET/ROM environment with another "Spook/ROM. I have created enough confusion with the TCP/IP NET/ROM emulation, HI!"

According to the DRSI catalog, which I didn't read until now, the PC/Node software has hooks to emulate 16 MS-DOS COM: ports which provide a subset of the TAPR standard (whatever that is). The WORLI or WA7MBL BBS software is supposed to be able to use PC/Node to link up and be integrated into a NET/ROM network. That sounds interesting. (I'll have to get over on 146.415 sometime and do some experimenting.)

I probably spent the most time looking at the GRAPES 56 kbps systems. A very clever designer, Dale Heatherington, WA4DSY, came up with a 56 kbps modem and RF deck over a year ago and some of the experimenters have been having a ball with them. I first saw a demonstration last year at Dayton. A pair of them run about \$500 and the necessary transverters cost I dunno what, but they are clearly the Ferraris of packet radio, as far as I am concerned. These things generate (and receive) a 29 MHz modulated signal, all ready to go. People are now trying to figure out how to get a steady, 56 kbps signal into and out of a personal computer. It'll have to be done with mirrors. I can only sustain that for short bursts, and when it is happening, nothing else can be happening on the machine. Phil Karn, KA9Q, has been bending his TCP/IP code around the capabilities of the DRSI PC\*PA driving the WA4DSY modem. He stopped by the GRAPES flea market space to chat and tell the guys that they need to publicize the design more. He seems to be convinced that the design is a good one.

(Incidentally, Phil, KA9Q, received the Dayton Hamvention Special Achievement Award this year for his contributions to the amateur space program and networking software.)

If you think the \$250 each kit price is steep and think you can scrounge parts, you can get the PC boards, state PROM, documentation and support software for \$110. You can get the documentation alone for \$20.

I don't have much to report from the flea market. It was wonderful, as usual, and I collected a small assortment of fleas but nothing to write about. I completed my shopping list in pretty short order and set out to help Joe, WA5FLT, in completing his. I bought a computer stand for my orphan Tandy 2000 computer that would permit standing it on edge in a more graceful manner than my "home brew" method. Actually, I bought the kit for the cables, with knowledge that I couldn't take the stand home on the plane. But, Jack, KE5KR, came to the rescue and drove it, and some of WA5FLT and N5MS's stuff, home for us. Mike, N5MS, has promised to fill us in with more of the Dayton details this issue. Joe, K5JB

### TCP/IP Stuff

Not much new to report on TCP/IP activity around here. Same old stations are still plugging along. For those of you who may be interested, the following came along the packet network:

A new release of the Macintosh version of the KA9Q TCP/IP packet radio software is now available. It has multiple windows (separate ones for trace, log, and command/sessions). By running it under MultiFinder, you can run Bdale's Mailer simultaneously, making it easy to switch back and forth between the two.

To get a copy, please send a self-addressed, stamped disk mailer with an 800K formatted disk to:

Doug Thom N6OYU  
1405 Graywood Drive  
San Jose, CA 95129

If you don't want to send a disk and mailer, just send \$5 to cover disk and mailing.

Naturally, in order to use the program, you will need to have an IP address. If you can't find the address coordinator in your local area, I'll try to help. Please ask around locally first, though.

This version includes an enhanced "finger" routine that supports a callsign server on a remote disk.

Enjoy! Patty, N6BIS @ K3MC

If you want an IP address so you can do some playing, contact me. I am the IP address coordinator for Oklahoma. Joe, K5JB

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| KAY KOUNTY |  
AMATEUR RADIO KLUB

#### APRIL MEETING NOTES-

Well, as you probably noticed, I missed last month's C&E. Things were really busy around here then. Our club secretary passed on, and I took over as temporary secretary. That's right, Harry Beaty WD5DPR became a silent key on April 16th. So, with the funeral for him and club meeting that same week I forgot to write the C&E article! We had a good turn-out for the meeting and N5PC showed a video he made on building a remotely tuned, multi-band, end-fed Hertz antenna. I didn't take my usual notes so I don't remember what else went on.

#### MAY MEETING NOTES-

We had a VERY good turn-out for our last meeting this summer. Welcome to W5KLR, El who's back as a club member again, and N5OGP, Mark. He's a new/old ham here in town. Seems he had a ticket many years ago, let it lapse and re-took the tests at a V.E. exam in Tulsa a few weeks ago. Welcome both of you.

The club voted to have T-Shirts made with our new club logo. WB5YSX, John come up with the original idea, and N5OGP refined it into a very nice looking design. We hope to have these ready for field day and the Ponca City Grand Prix. The cost will be less than \$10 each for a 100% thick cotton Haynes T-shirt with our new logo on it. It will match our club hats, of which we still have several left. If you're interested in a T-shirt and didn't get a chance to sign up for one at the meeting, contact Mike Morgan, N5LPZ on the .97 machine or at 765-9539.

It was also announced that our anonymous club benefactor is buying a couple of new batteries for the emergency trailer. Our old batteries were really shot. This along with the new generator should put us in really top shape, power wise and W5TXF, Jay is finishing up the police/CD/Fire radios for us. When this is done, we'll be complete with the trailer and emergency ready. Not that it isn't ready now, but if we had to use it today, we would have to improvise a few things. Last but not least, we elected new club officers. They are:

N5LPZ Mike Morgan, prez  
W5UBO Marsh Pronneke, vice prez  
N5OGP Mark Byard, sec/trez

Actually the railroad ran again, but these guys had agreed to do it! We adjourned to eye-ball QSOs soon after that.

NEXT MEETING- The next one won't be till September, I'll keep ya posted.

PUBLIC SERVICE EVENTS- We got several of these coming up this summer. The first is the triathlon out at Lake Ponca. This is on June 10th and usually starts at 8am. WE NEED LOTS OF HELP FOR THIS! Even if you can only come out for an hour or so, it will help. There's a lot of ground to cover on this. Contact N5LPZ or me (KD5FX) if you can help out. You get a free T-Shirt for helping.

The next event is the Ponca City Grand Prix on July 1 and 2. You'll get free admission to both days of racing for only helping out 1/2 day. There's also a free T-shirt too. Contact Mike N5JJR or me if you can help out.

Keep in mind, the FCC is pretty upset with us right now, if we don't justify our use of expensive radio spectrum by helping others, they could take more. Remember, HAM stands for:

H)elping  
A)ll  
M)ankind

FIELD DAY- Yep, it's coming soon!! KB5DOR Steve is looking for help again this year. We've already got a few radios and antennas lined up, but still need more. It will be the last weekend in June (as usual) the 24th & 25th. We'll hold it out at the Kaw Dam overlook again. This was an excellent site last year, it's high, gotta nice breeze, and easy to find. KB5DOR is bringing his BIG tent again and we'll have the trailer there with it's new generator and batteries. If you can help out, give Steve a call.

NOVICE CLASS- We had seven pass the Novice exam, congratulations goes to Perry Badley, Dan Brownfield, Carl Dewitt, Darryl Hall, Dan Pirilo, Mark Robison, and Mellea White. Say a thanks to Mike, N5LPZ and Dave WN5LUI for teaching the class and N5GIW, Lou and KA5ZKI, Bruce for helping out.

That about wraps it up for this month, tune in the Monday night nets at 9 p.m. on 146.97 (the late night place to be) for more details and the latest developments. 73 fer now, Dave KD5FX.

#### QSL BUREAU PROGRESS REPORT

Since our plea for help in the Fifth District QSL Bureau last month, three radio amateurs have volunteered their services as QSL Bureau Assistant Managers. They are: Lee Allen Jr., Newcastle, OK, N5KXI; Bo Thompson, OKC, OK, KB5CNG and Jim Hood, Tulsa, OK, WV5S. Their help is sincerely appreciated. A serious shortage still exists. Ten more Assistant Managers are needed. With the new sun spot cycle in progress, the QSL's are flowing

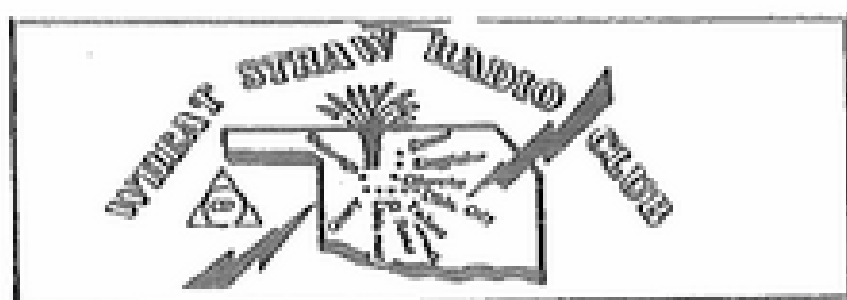
in at an accelerated rate and frankly, we just don't have the manpower to handle them. The Fifth District QSL Bureau has now been located in OKC for eight years. It was previously located in Sherman, TX. Cards are still being sent to Sherman due to use of old QSL Bureau addresses by several foreign countries. These missent cards can easily be lost in the mail system and never reach their intended destination. What we need to do if at all possible is to get sufficient Assistant Managers to process the cards expeditiously and keep the Bureau located in OKC with its present mail address: P.O. Box 44246, OKC, OK 73144. After eight years this mailing address is becoming better known throughout the world. If the bureau has to be relocated due to insufficient help, this advantage will be lost along with many QSL cards.

To become an Assistant QSL Manager, all you need to do is contact Joe Schilling by phone at (405) 681-5884 or by mail or in person at 1409 SW 66, OKC, OK 73159. Joe will then assign you an alphabet letter (or more than one if you have the time and inclination for it) and see that you get your batch of cards periodically to sort, stuff into postpaid envelopes furnished by the recipients and mail them out to their respective destinations. Handling one letter (the letter that follows the "5" on the call) requires only a few hours of your time about once a month and furnishes a truly useful service to your fellow hams.

When using the system, you can either send your own envelopes (5" by 7.5" or larger) with your mailing address on each and your call in the upper left hand corner and a 25 cent stamp attached for postage. You can also buy the envelopes from the bureau at five for two dollars but you must send mailing labels for them if you do. If you know any newly licensed hams, tell them of this QSL service. Each month we have cards piling up because new hams do not know of this service. If they are not claimed in a reasonable period of time (around 90 days) they have to be discarded so as not to clog up the system.

If you volunteer to become an Assistant QSL Manager, you do not have to be located in OKC although that helps in routing the cards. If you are located in another town or state, Joe can mail your batch of cards periodically for you to process and mail out. We need to hear from at least ten of you right away or the Fifth District QSL Bureau may have to be located elsewhere!

Charles E. Maupin, W5HQM



## THE BIG SIGNAL

OKLAHOMA CITY AUTOPATCH  
ASSOCIATION, INC.

### MAY MEETING

Even though BR549 was not at the May meeting and the Vice-President made a late appearance, our very skinny Treasurer did an excellent job in handling all the necessary duties. Fine job Larry. Frank, N5FM, was in charge of the meeting and had asked Mr. Jim Patty, the director of the Oklahoma City Emergency Management department to present our program. Jim gave a most interesting talk primarily about the new 911 system in the metropolitan Oklahoma City area which went into effect May 1. We had a very good turn-out, with 29 in attendance.

### FIELD DAY

Plans are being finalized for Field Day this year, which will once again be held at K5JL's farm, located near Piedmont. Even though it is hard to believe, Dennis, WD5CSM, actually is taking the bull by the horns and is heading up all Field Day activities. Craig, KB5BOB, had asked not to be in charge this year, thinking he would not be available. As it turns out, he will be around and has even offered his services to assist. We are having two c.w. stations this year along with the ssb station and the novice station. Everyone should be making plans to attend Field Day this year. It is really a lot of fun and if you have never operated, this would be a good year to start. Since we are having two c.w. tents, we will need more operators than we have had in the past. So, with a month's training, we should have a lot of good c.w. operators show up. I feel we have one of the best sites available for Field Day. Our host, Jay Liebmman, K5JL, goes all out to have the site in tip-top condition. It is a beautiful setting and makes a nice place to bring the entire family. So, everyone should mark their calendar to show up on the weekend of June 24th and 25th.

### NEW NET

Having trouble solving the daily crossword puzzles? A new net has been formed on the .82 machine for all the crossword puzzle freaks. This net is being operated by W5MEL, Leonard, and Larry, KF5JN. No set night or time has been set, but one can hear the net most any evening. Working crosswords is a challenge and a great way to build up one's vocabulary. The only ones who don't enjoy the net are the Kansas boys. See you there.

### CONCLUSION

It's short this month folks, but at least we got something in. Perhaps I'll do better next month.

ACQUIRE: Acquire is a group of singers heard on the 11 meter band.

LID: "A lid'll go a long way" if he studies his Amateur Radio License Manual.

JADE: Old Chinese Americans never die; they just jade away.

ICON: Icon turn on the Icom.

### C & E COLUMN

Our overgrown Vice-President has once again informed me that he has nothing for the C & E this month, so I suppose it is on my shoulders if the club has any input. One of these days he might just come up with something of interest, which is probably more than I will be able to come up with this month. I haven't done a lot of listening, so once again, we will not have an "I HEARD" column. But, I am saving up a few goodies that will appear one of these days.

1 t, baking powder  
1/4 t, salt  
1/4 t, soda  
6oz, pkg. chocolate pieces  
1 c, flaked (grated) coconut  
3/4 c, coarsely chopped nuts.  
Blend butter, 1/2 cup brown sugar, egg yolks, vanilla and white sugar. Beat 2 minutes at medium speed on mixer or 300 strokes by hand, scraping bowl constantly. Sift dry ingredients and mix in thoroughly. Spread or pat dough in greased 13 x 9 1/2 x 2 inch pan. Sprinkle with chocolate pieces, coconuts and nuts. Beat egg whites until frothy; add 1 cup brown sugar gradually and beat until stiff. Spread over nuts. Bake at 350 degrees for 35-40 minutes. Cool and cut into bars. Yields: 40 bars.

Please, let us all take time out of our schedule to attend a memorial service to honor the ones who died in the World Wars, Korean and Vietnam wars. Let us not only mourn the dead, but the wounded, scared and the ones that have gone on before us, be honored on this Memorial Day.

There's something pure about ideals that have been tempered by sacrifice for America. The strength of those principals is certain when they've been tested in the rigors of battle.

And the ideals that stir the hearts of our nation's veterans have permanence. You can see that in the youngest men and women in our ranks - those who still wear the uniforms of our armed forces.

WA5PFK, Ralph

Regretfully we announce that the club has another Silent Key. KD5OG, Ralph A. Watkins of El Reno OK. Ralph was born July 26 1902 at Hertha KS and passed away May 7 1989 in the St Anthony Hospital. Ralph and his wife Genevra lived in different places before moving to El Reno. The Watkins had two sons, Don Edward and Russell A. who lives in Topeka KS. Genevra and Don proceeded Ralph in death.

Ralph worked as a signal man for the railroad for many years. In 1958 he was elected as a state representative from Canadian county, serving for ten years. He was an aircraft and sailplane aviator. To celebrate his eightieth birthday he flew a plane.

After retiring Ralph enjoyed visiting, amateur radio, and his little dog Peedy. He held the Advance Class license. In later years, losing partial hearing, Ralph sent Peedy to school. After completing school and being taught to tell master Ralph when the doorbell or telephone rang. It was one of those phrases "A dog is man's best friend", they were very close.

The May meeting of the Wheat Straw club was reset to 21 May due to Mother's Day being on the 14th. So there is no news about that meeting. It will be a covered dish dinner in the Red Rock Canyon park. Hope to have more news next month.

I have not been signal sapping, because I was out of pocket for a while. We got two and a half inches of rain in five rains. All of it fell very nicely, no hard rains or hail. Our garden is growing very well and so is the grass and weeds. It is too wet to work the ground.

Here is one of the recipes Goldie uses and it is good. Some of the ladies want a copy.

CHOCOLATECOCONUT DREAM BARS  
3/4 c, soft butter  
1 1/2 c, packed brown sugar  
1/2 c, white sugar  
3 eggs, separated  
1 t, vanilla  
2 c, sifted flour

## BICENTENNIAL AMATEUR RADIO CLUB

*"To Promote Radio Communications"*

The meeting was called to order at 8:10 P.M. Tuesday, May 9th 1989 at Oklahoma City Community College 7777 South May, OKC, OK. by President Dennis Musser.

The minutes were read and approved with the word CB added to Single-Sideband in the topic of upgrading to 10 meters.

The treasurer's report that the funds were \$600.91 and the gain of \$8.00 from this meeting was a total of \$608.91 in the clubs bank account.

CORA report was that the next meeting is very important and all members are asked to attend. If you have questions, ask representatives of CORA from your club. Ham Holiday is one of the items to be talked about.

Repeater report: The 76's repeater is now on the South Community Hospital once again after two years. The Antenna on the Hospital was removed for the replacement of a DB2-24. The hard work of all who helped to move the station and maintain the operation is delightfully appreciated. The club is also grateful to the management of South Community Hospital for the space provided for our Club.

Old business: The adjustment of our bylaws are as follows under Section 2, Amendments to Bylaws of the OKCCC Amateur Radio Club "Amendments to the Bylaws shall require a two-thirds majority vote of members present and in good standing for approval." This was passed with no opposition.

New Business: Bill Skipper is inquiring if any one is interested in coordinating for the Tech classes that are underway. The job consists of contacting instructors and students in the classes. If interested contact Bill Skipper, KB5BS, for more information.

Another comment was that the training classes should be arranged so that the Club's meeting is not the same time as the training classes are presented. This will be looked into and will be considered in the upcoming weeks.

The last of the new news was to see if the club can get

equipment available to possibly use the 76's repeater to be linked up to Six Meters and the expenses that will be incurred and if it would be practical. This idea will be looked at at our next meeting.

Next Month will be the Sixth month of the joint ventureship with the 76's and the OKCCC Radio Club. According to the partnership agreement, a six month trial basis would be tried and voted on in June of 1989 for a permanent merger or separation of the Two Clubs. This next month will be very important. All persons are asked to make their views known before the final vote as to whether to permanently merge both clubs or for each club to go its own way.

\*\*\*\*\*  
\*  
\* TUNE-UP & PERFORMANCE CHECK \*  
\*  
\* CLINIC \*  
\*  
\*\*\*\*\*

The 76's will be holding a clinic, open to every licensed amateur radio operator. Each radio will receive a data sheet that will have the radio model and serial number. The data will include items such as POWER level, DEVIATION, SPURIOUS EMISSIONS LEVEL, SENSITIVITY, etc. Each data sheet will be signed by the amateur that performed the test. The test will be first come first serve and begin's at 7:00 PM on Tuesday July 11, 1989. LOCATION: South Oklahoma City Community Collage electronic lab located in the High Tech Building. If adjustments are necessary, a manual for the radio may be required, also the power cord will need to be usable with alligator clips. This clinic will be for VHF and above except for novices which 10 meter equipment will also be checked. If you have any questions do not hesitate to contact me at the following numbers. Day: 556-6418 Night: 392-4612. See you there...

Bill Skipper KB5BS

More than two resistors in parallel:

$$R_{\text{Total}} = \frac{1}{\frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_3} + \text{etc.}}$$

## CIMARRON

The May 11th. meeting of CARA had to be a success by any standard. Jack, N5LBN not only got the meeting off on time but got through the business meeting quickly and in good order.

Nadine, N5FMH...our treasurer, assured us that we were financially in the black with a fund of over \$400 between the club and penury! Nothing further was done about repeater dues except the directive that we would begin to contribute to the repeater fund.

The repeater, by the way, is again alive and better than ever, thanks to the efforts of WK5V, Denny Painton, our trustee. Try 145.45, down six, and see!

President Kelly read a letter of appreciation from the family of Zelma Arndt, the Mother of Nadine N5FMH, who passed away recently.

Field Day was a hot topic of conversation. CARA has a tradition of enjoyable Field Exercises, and plans were made to extend that tradition to the 24th and 25th of June 1989! This years event will take place at the Painton Farm, in the Orion community. Denny, WK5V, volunteered to furnish the burgers and buns, and the rest of the cadre to furnish the ice cream and other goodies. Practice up on your CW, get a lot of sleep beforehand and BE THERE!

There was a good bit of discussion about the Civil Defense Communications trailer, and a proposed generator for the same. This is still in the soup stage, but some progress is being made.

Also we discussed the next test date for Volunteer Exams. At the moment July first seems to be the most popular date.

Happy Birthday to Sue, XYL of Ray AB5Z, and to Steve Schoonmaker, KP5SW. Steve admitted to 46 years of experience. Sue was not present to be serenaded, and Ray wouldnt tell. With that, the club adjourned to the most delicious home-made ice cream and cake made by Nadine and Ruth, WX5Y, Mmmmm GOOD! High Calorie...but worth it!

Those present at the meeting, were Steve KP5SW, Vern KA5SZD, Jack N5LBN, Ray AB5Z, Denny WK5V, Ruth WX5Y, Dede N5FUN, Nadine N5FMH, Terry N5MLT, Betty KA5RTW, and Jack NN5Z.

The next meeting of CARA will be held June 8th., at the WX5Y Play House, 827 S. 13th. St., Fairview! BE THERE OR BE SQUARE!

73's, NN5Z



## ZEDD'S REUNION

estimated that he had helped 2,000 lesser souls make good DX contacts through what he called "my mastery of the DX art and intrinsic greatness."

Even Zedd's momma, the legendary Constance Wilhemina Zedd, rocketed into town from her home in Mena, Ark. Driving a newly customized Honda Interceptor with booster rockets and long range radar, she made the trip to central Oklahoma in one hour and eleven minutes. "The damn rain slowed me down," she explained, and then went right to work, dishing out QSOs to everyone who could copy her 80 WPM CW.

The evenings were as fun-filled as the days. While some operators manned the multiple stations, Zedd staged CW contests, transmitter hunts, a QRP contest and patent competition. All results are not in, but the U.S. Patent Office at last report had granted 107 new patents for what it termed "wonderful new electronic inventions sure to change the way we all live."

Tondelayo treated the DXers to a tap dancing show. Young Zepp yodeled and played keyboards. Homer Klott, Zedd's erstwhile protege who can't learn Ohm's Law, kept all the San-O-Lets spic and span.

"Boys," Zedd said at the close of the third day, as towers were being stowed and engines warmed for departures, "it has been a memorable event. I want to thank all of you for coming, and doing your darndest, and confirming for me what I already knew.

"You are great, but I am clearly the greatest. You are smart, but I am smartest. You are fast, but I am fastest. You are something, but I am something else. You are modest, but I am the most modest of them all.

## INDIVIDUAL IMPRESSIONS

Allen A. Watson, W5ERY, has held the same call since 1934. His late wife Bertha, W5JCY, according to Allen was an even more avid radio amateur than himself! She was always surprising him with news of another rare DX contact or new YL accomplishment. Allen now has a new wife, Juanita, who so far has not been attracted to ham radio. They are planning a trip to California where both have children.

I have known Allen about 51 years. He was raised in McAlester, graduated from high school in 1936 and moved to Edmond where he lived with his grandparents while attending Central State. This was during the great depression. A friend told Allen he was quitting his job at Southern Sales, Inc. in OKC and asked Allen if he would like to have the job. This led to his employment in the amateur radio dept. where he worked with Ed Oldfield, W5AYL. At that time I met Allen and became impressed with his cheerful and courteous personality. Allen later went to work at WKY-TV, Channel 4.

Allen belongs to the Certificate Hunter's Club and has 35 of these

"Thank you again, boys and girls," Zedd intoned maganimously as the sun set slowly in the west. "I will remember this always. History has been written. And I remain a legend in my own mind."

For the record, all stations were worked on all bands, with the exception of just one or two that did not get on the air.

If you happen to be the one who did not work the DX greats, you may still be able to get on the list for some of the long-delayed echoes likely to circle the globe for another year. To get on the list, just send your call sign to LIST, Box 73, Norman, Okla., 73070. Be sure to enclose one Ovaltine lid and 300 greenstamps.

-- KU5B

including one printed in Russian script. He has 305 countries confirmed on CW and 299 on phone - almost enough for the DXCC honor roll. He is a charter member of the Edmond Amateur Radio Society (EARS) and personally secured the incorporation of that group. In 1986, EARS won the ARRL award for being the club to add the greatest number of League members. This award included a complete new station equipment setup.

Allen's first ham receiver was a homemade copy of the famous National SW-3 which incorporated a stage of tuned RF, a regenerative detector and a stage of audio. He had a metal shop fabricate a cabinet of the same dimensions as the commercial SW-3, then built the circuit himself. He says it was a champion on CW but too broad-banded for Phone. Also the headphone circuit had the full B+ running through it and gave him many a nasty shock! His second receiver was a National FB-7 superheterodyne which he still owns. He bought a Breting 12 from Horace Marrinan, W5AYO, but later sold it to another ham who wanted it. He now uses Heathkit equipment for the most part.

Allen's first transmitter was a TNT using two 245 tubes. He built a 2.5 meter rig using a twin triode in one bulb and a two-turn coil of quarter-inch copper tubing for plate tank with the grid winding inside the tubing. It was tuned by stretching or compressing the tubing and had no capacitors. He talked with W5JRF in Capitol Hill from Edmond using a "J" type antenna on top of his house.

FOR SALE: Heathkit "Integrated Circuits" course w/manual and cassettes, assembled trainer and over 100 component parts for experiments. \$65.00. Drake 2B receiver w/external 2BQ speaker. Mint. \$65.00. Charlie W5UUX, 321-1061

# QCWA BREAKFAST AT HAM HOLIDAY SUNDAY 7-30-89 0800

EVERY ONE INVITED BUT WE MUST HAVE YOUR MONEY BY JULY 10, 1989 TO KEEP THE CHEF HAPPY. HE SAYS "NO \$\$\$ NO FOOD". SEND \$9.00 PER PERSON TO NORMAN WILSON (W5FLO), 601 EAST ARBOR DRIVE, MIDWEST CITY, OKLAHOMA 73110.

CENTRAL OKLAHOMA CHAPTER 63, QCWA, INVITES YOU TO JOIN US. IF YOU HELD A LICENSE TWENTY-FIVE YEARS AGO (does not have to be continuous) YOU CAN JOIN QCWA. WE HAVE A SUNDAY MORNING NET ON 3855 AT 0800 HOURS. WE HAVE QUARTERLY DINNER MEETINGS WITH LOTS OF GOOD FELLOWSHIP. CONTACT NORM AT (405) 737-0258 FOR MORE INFORMATION.



SUN	MON	TUE	WED	THU	FRI	SAI
<b>MAY</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>JULY</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	<b>JUNE</b> HAM HOLIDAY XVI THE LAST FULL WEEKEND IN JULY 28-29-30		<b>1</b> AERONAUTICAL CENTER ARC	<b>2</b>	<b>3</b> <i>Free Area</i>
<b>4</b> GREAT PLAINS ARC	<b>5</b>	<b>6</b> MORI	<b>7</b>	<b>8</b> ALTUS AREA A R A KAY COUNTY A R K	<b>9</b>	<b>10</b> SOUTH CANADIAN ARS
<b>11</b> WHEATSTRAW ARC <i>First Quarter</i>	<b>12</b> EDMOND CLUB	<b>13</b> O U 76'ERS CINMARON ARC OIDA R	<b>14</b> <i>Flag Day</i>	<b>15</b>	<b>16</b> EDMOND SOCIETY	<b>17</b> CENTRAL OKLAHOMA VHF CLUB
<b>18</b> <i>Father's Day</i>	<b>19</b> VE EXAM 8 PM REL CROSS BLDG <i>Full Moon</i>	<b>20</b> OK CITY AUTOPATCH	<b>21</b> <i>1st Day of Summer</i>	<b>22</b>	<b>23</b> EDIT NIGHT FOR C & E	<b>24</b> CQ FIELD DAY
<b>25</b> CQ FIELD DAY	<b>26</b> <i>Last Quarter</i>	<b>27</b> CORA CORA CORA CORA CORA CORA	<b>28</b>	<b>29</b>	<b>30</b>	

## Q. R. Zedd

### GREATEST DXERS CONVEENE!

(Special to C&E)

**HONOR ROLL RANCH** -- The greatest DX operators of America convened here recently in the first annual DX Greats' Reunion.

The reunion was sponsored by Q. R. Zedd, A5A, the greatest DXer of them all. Zedd, holder of the only 1x1 callsign in the United States and inventor of radar and the plastic milk carton, along with many of the world's other most important things, set up the reunion to bolster area morale, battered in recent months by a series of devastating setbacks.

The reunion was held at Honor Roll Ranch, just a hoot and a holler south of town.

And what a scene it was! All Zedd's towers had been freshly painted by Tondelayo, Zedd's nubile, blond bride, ace Dyer in her own right, cutest graduate in the history of the Harvard Business school, world record holder in tap dancing and the

maringue, and of course the mother of his child Zepp, who is another story entirely.

The first RV pulled in at Honor Roll on the evening of the tenth, and by next afternoon almost everyone was there. Dingfod Armstrong, Texas's greatest, was there in his 80-foot Airstream with the foldout rhombic and drag-along linear. Hiram Tikitoki of Hawaii flew in moments after the C5A landed at the Honor Roll strip and began unloading his portable gear. Bill Blast, his 68-foot trailer drawn by a blue Rolls Royce pickup, popped up his eighty-foot towers and had six stations on the air within ten minutes of his arrival. Ohio's Bill Buckeye flew scarlet and gray banners from his longwires, and when Harley Mincemeat arrived from Arkansas, the sweet smell of rendering lard soon perfumed the territory.

Blast quickly worked all Japan, while Mincemeat talked to everyone in South America who spoke either English or Spanish. Tikitoki worked all Pacific. Legendary Surf, the California ace, worked all Russia and the Beach Boys on 75. Banners flew. Special planes began to arrive in a steady stream with reports from around the world and the first bags of

QSL cards.

Zedd, inspired by the activity, worked K5JB on packet and attempted to contact N5MS on phone.

By the end of the second day, there was so much rf in the air that an entrepreneur from Dallas moved in and began cutting it up with chainsaws and packaging it in thick plastic trashbags. "If I can figure out how to hook terminals to the bags," he said, "I think we have found an alternative to nuclear energy."

The high-power signals going around the world destroyed all the fluorocarbons in the atmosphere, and a side-benefit of all the flying electrons was the refurbishing of the ozone layer in a 24-hour period.

"This only goes to show what radio amateurs can do when inspired by the greatest, namely me," Armstrong said.

"It's wonderful to see these guys learning from me," said Buckeye. "It is a heavy burden to great ones like me, but as Woody often liked to say, 'George Patton never gave up. If he could slap soldiers, tired and busy as he was, the least the rest of us can do is press on!'"

Blast operated his famed Blast Off DX Net without letup. He

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