



Dog X-Ray

invites you to chase him in the
OKC DX PacketCluster

<CONNECT> AD1S on 144.97 Mhz
Whether you're a BIG DOG or a DX pup,
YOU are invited to join in the fun on the
OKC DX PacketCluster. Now on the air!

For full information on DX PacketClusters, read the "Packet
with a Purpose" article in August '90 QST Magazine. The DX
PacketCluster Users Manual is sold at Oklahoma Comm Center.

HAM HOLIDAY DX LUNCH

The OKDX Association hosted a very successful luncheon in conjunction with Ham Holiday 1990. Over 35 Dx'ers and guests enjoyed a great meal and the time to swap DX stories from the past several months. Next year we hope to host a luncheon complete with a program or two and possibly a special DX speaker. Next year we promise to give you lots of advance notice!

DX PACKETCLUSTER UPDATE

The statewide DX PacketCluster network is thriving with three nodes in operation. The nodes are 1.) AD1S, 144.97 Mhz in Oklahoma City; 2.) KM5H, 145.01 and 144.97 Mhz in Bartlesville/Tulsa; and N5JKN, 145.01 Mhz in Poteau/Ft. Smith. Folks outside of OKC can access DX PacketCluster via NetRom by connecting to OKDX (WN5J-9) in the usual manner. The NetRom system may disconnect you if there is no activity on the path after a certain length of time. We guess that the key is to occasionally bounce a packet off the Cluster in order to stay connected via NetRom. The Cluster nodes are linked via VHF, with a special link between AD1S and KM5H (122 miles) that is performing superbly, except when there is a thunderstorm or high levels of absorption. If you are in range of one of the nodes, please connect direct. You will find that it is less frustrating than via NetRom. Remember, the Cluster is designed to allow you to STAY CONNECTED at all times, unless you are using your station for other things. If you stay connected, you can see all the DX reports that

came in while you were away from the keyboard. If you do a fresh connect, you can catch up on the news by using SHOW/DX, SHOW/U, SHOW/WWV, SHOW/LOG and SHOW/CMD commands.

PACKETCLUSTER USAGE TOPS 200!

We checked the DX PacketCluster users datafile and have recorded our 200th user! The AD1S node came on the air May 24, 1990 and user #200 logged in exactly 90 days later! Thanks to OK DXers for the fantastic acceptance of the system. If you haven't checked in lately, come back and try it again. Be sure to look at some of the neat databases, including the W6GO/K6HHD QSL Manager's List, FCC Part 97, Frequency allocations, Worldwide QSL Bureaus, DXCC Prefix Lists, and more and more. Of course the principal reason for the DX Cluster is to spot DX! So when you check in, be prepared to add your DX spot on the system.

MISSING LINK TO TEXAS?

PacketPeople in Oklahoma have been searching for fast and reliable ways to link to stations in Texas. We have tried mountaintop digipeaters, Kanodes, NetRom nodes, Rose Switches and Lily Pads with varying success. Watch this column in the coming months for a new twist that may revolutionize packet communication on the North-South route. The DX PacketCluster system will be on the leading edge of this enhancement, but the path will be open to everyone. Film at 10. Good DX! De George, AD1S.

RICK: What was the hardest thing about learning to ride a bicycle?

MICK: The ground.

VICK: My wife spent a thousand dollars for clock that belonged to the late King George

DICK: That must be quite a clock.

VICK: Well, let me put it this way. Now I know why he's late.

The South Canadian Amateur Radio Society

The September SCARS meeting was held on the 8th at the Norman Red Cross. KA5EFJ was at a football game in California so the meeting was called to order at about 9:45 by N5IUA. The treasurer's report indicated we had about \$924 in the account and all bills were paid up to date. The previous meeting minutes were published in the C&E. W5UZO and W5OU attended the meeting.

Due to a conflict in the normal meeting day for October the SCARS meeting will be held one week later than usual. The OU-Texas game will be on the 13th so the SCARS meeting will be October 20th. The club officers will also discuss a possible change to resolve future conflicts with the OU-Texas weekend activities.

Our CORA representative, Don KB5ABS, gave a report on the outcome of Ham Holiday. Despite what seemed to those attending to be a smaller crowd than last year, the attendance figures showed that almost as many tickets were distributed. The flea market broke even this year and the scholarship went well. Next year Ham Holiday should be scheduled back in July as and should not conflict with events in surrounding states.

The field day kit of necessary items was discussed. Items to be included are antennas and cables, lights, and as many of the other essential items that are necessary for field day operation as can be collected. If any one has any ideas or parts to contribute to the field day kit please bring them to the attention of the field day committee.

The HF antenna for the station at the Red Cross is progressing. A new mast will be donated. New coax line will be needed for the 2 meter antenna and the Red Cross antenna. A new boom plate has been made.

The repeater replacement is still in the shop in OKC. The channel elements have been installed and the equipment is being tuned up. We will need some time to interface the controller and remote receiver switcher to it but we hope to have it on line by the end of October.

The meeting adjourned at 10:10.



The COCO meeting was held September 8 at 9 am at the Midwest City Community Center with 12 people in attendance. We missed the used disk, bring back library, and public domain library.

It is that time of the year for volunteers for the nominating committee or volunteers for officers. The election will be held in December. The Prez. will after December either quit making coffee or donut acquisitions; therefore, if you like door prizes, someone will need to volunteer for the job.

On December 8th COCO will auction a number of hardware/software items owned by the club. A partial list follows:

Deft PASCAL workbench, Disk EDTASM+, Disc EDTASM, JDOS manual, Tandy Assembler Language Programming, COCO Graphics, Touch Pad, Basic 09 Tour Guide, Basic Unraveled-3 books, Portable Computing with model 100 (cass.) LOGO, Spectaculator, Appliance controller, COCO 2, Tandy Direct Connect modem DCM-1, TRS-80 MC-10 (w/RAM expansion module, Tandy mode model 3, Computer Learning Lab, 2 Color Math (Cass.), 2 Disk Investographs, 2 Videotext terminal pkgs., Color COMPAC, Color Graphics, Vocabulary tutor (cass.), Biosphere (disk) 7 Battery Guidebooks, Disk Cash Management, Semiconductor Ref. Guide. The following Dorset (cass.) programs: Algebra, World History, Intermediate Math, Effective Writing, US History, Mathematics.

The Apple Users Group is having a computer convention in the Spring. COCO has been invited to participate.

Suggestions are needed for the November meeting. The Midwest City Community Center is not available for that month. A smaller meeting site was suggested for regular meetings.

The Australian COCO users group would like to correspond. The address will be given in next month's C&E.

HARDWARE - A member was asking information about the pinout for a Panasonic monitor. Color monitors for COCO III are: Magnavox, CMA, Composite, and RGB.

There were no software problems.

Please return 526, 425, 40, and 401 to the Bring-Back -Library!!!

The next meeting will be held at the Midwest City Community Center on Midwest Blvd and Reno at 9 am on October 13.

Signed the Prez.



THE BIG SIGNAL

OKLAHOMA CITY AUTOPATCH ASSOCIATION, INC.

AT LAST! The arrival of Fall and its most welcome cool temperatures, State Fair's and football games, and young, bright-eyed school children off to learn their EIR's, starts a new year for the Oklahoma City Autopatch Association. With a new command at the helm, congratulations are hereby first in order for the new administration elected in August and presiding at the September meeting:

James Bartlett, KA5PSF,
President
Baron Bleber, N5PQK,
V. President
Kenneth Goddard, WA5DTL,
Secretary
D.C. Macdonald, K2GKK,
Treasurer

Secondly, for those members who were unable to attend, or for those members who are unable to remember, a brief rundown of September's meeting commenced with Jim, KA5PSF, calling the meeting to order. The minutes of the August meeting were read by outgoing secretary Leonard Hansteln, W5MEL, and were approved, as was the treasurer's report, submitted by Mac, K2GKK. Evaluation of the club's constitution and by-laws by Baron, N5PQK, for proposed amendments was tabled.

Hank Blackstock, WA5JRH, stated that the power supply for the standby repeaters was in questionable condition, but indicated he will work on it.

Old business concluded with the two-meter repeater donated by silent key Dave Holder, N5GQY, to be stored with Clyde Mapes, N5PHW.

Under new business, George Adkins, ADIS, made proposal to the membership for the installation of a remote base at his new QTH to aid in the signal transmission to the 146.82 repeater along Turner Turnpike. The proposal was accepted and the commission was assigned to the technical committee.

Permission was granted by the membership to Glen Bishop, Jr., WN5J, to link on occasion his UHF repeater to the 146.82 and 147.21 repeaters.

A Work Day was set for the repeater site on Saturday, October 20th at 0800 local.

There were 32 members and 2 visitors present.

Third. If you have not been able to keep up with the club's activities over the last couple of months, briefly:

1990 Field Day was a success, operating CW, Phone, OSCAR, and Novice/Tech for the contest.

1990 Ham Holiday was a success, netting 15 memberships, and numerous sales in both OCAPA T-Shirts and donated surplus equipment.

Thursday lunches continue to be an exciting event. Locations change weekly, so check the 22/82 machine on Thursday morning.

Consensus of those in attendance agree Duane's beats Crockett's, and probably will continue to be the mess hall of choice prior to the monthly Tuesday meeting.

EDITORS - READ THIS

Now that I have moved and am settled down for a while maybe I can make it easier for you to get your copy to me.

First off, we will normally put the paper together as the copy comes in but in any case it will be 8:00 pm on the Fourth Wednesday of each month (except November and December it will be the Third Wednesday due to the mail problem at holidays). Now it is a long way out here so you can mail your copy in a regular number 10 business size envelope, it can be folded (soft fold), to:

CORA Collector & Emitter

9211 N Council Rd #216

Okla City OK 73132

that is if you get to the job of preparing your copy as soon as your meeting is over, then you won't have to rush to meet the deadline. The Fourth Wednesday was picked so all clubs will have PLENTY of time to prepare their copy.

It can be presented about any way, hand written, typed, computer generated, etc., just get it to me and if necessary I will set the type on my computer. I have plenty of time, up to a few days before paste-up time.

Don't forget. You may still obtain OCAPA T-Shirts at Oklahoma Comm Center if you have not had the opportunity. Still \$10. Club gets all the dough. The quantities are limited, but if we can exhaust this supply, we could proceed with the next phase calling for knit golf shirts embroidered with the club's new logo, as well as perhaps caps and coffee mugs, too.

Past President Robert Shaw, WA5BQX, wishes to express his sincere appreciation to the membership for their support during his two-year term of office.

The membership wishes to say, "Many Thanks, B.R." Your leadership and contributions have led OCAPA to certainly become the #1 Amateur Radio organization in Oklahoma City.

Last, but not final, or at least not until the next twelve months, the pleasure of obtaining and collecting the scuttlebutt for this article for the entertainment and enjoyment by the membership (and certainly for the accurate and incisive reporting for the readership of C&E) will undeniably be mine. (Choo-choo.) If I may, it is actually quite an honor to accept.

For you see, I've always wanted to become be a big-shot writer, receiving millions of dollars in advances for great works in journalism, fiction, poetry, and music. (As well as penning the most complete compendium on two-meter beams of the yardstick-type.)

And the billions of dollars I would receive for movie rights; and visiting world leaders and heads-of-states eagerly waiting in the wings willing to hand over their countries (as well as their daughters) just for my autograph.

Yeah...right.

73,

Baron J. Bleber, N5PQK

1 AERONAUTICAL CENTER ARC Meets: First Thursday, Flight Standards Building, FAA, South MacArthur 7:30 pm PR Ted Anderson, NY5W 685-4016 SE Doug Teachman, W0DXA 392-5458 AsPR Harold Todd, WA5VAQ 685-3685 AsVP Charlie Greene, WA5JGU 943-5631 Editor Bill Oliver & Luke Ellis 329-6333	13 KAY COUNTY ARC Meets: 7:00 pm, Third Thursday, Sep-May, Pioneer Vo-Tech, Ponca City, OK PR John Spoon, WB5YSX VP Marsh Pronneke, WA5UBO S/T Gary Robison, WB5WMD 765-9727 Editor Dave Land, KD5FX 762-8616
2 CENTRAL OKLAHOMA VHF Meets: 11:00am 3rd Sat., Favorite's Cafe, 3701 S. Western, OKC PR Jack Muse, WB5ZKZ 691-1152 VP Fred Boardman, W5NL 427-2505 SE Joe Buswell, K5JB 732-0676 TR Ellard Foster, W5KE 789-6702 Editor Joe Buswell, K5JB 732-0676	14 CIMMARON ARS Meets: 7:30 pm, Second Thurs., WX5Y Playhouse, 827 S. 13, Fairview PR Leo Peil, WZ5H (405) 886-2998 VP Vern Brewer, KA5SZI (405) 227-3017 SE Dennis Painton, WK5V (405) 764-3599 TR Nadine Painton, N5FMH (405) 764-3599 Editor Jack Day, NN5Z (405) 227-3462
3 MID-OKLAHOMA REPEATOR, INC. Meets: First Tues, 8 pm, listen to KA5TDA for location. PR Steve Cornman, KB5CDF VP Jim Buswell, N5BEQ S/T Linda Moore, KA5NAV 799-1765 Editor	15 SOUTH CANADIAN ARS Meets: 9:30 am, Second Saturday, Red Cross Bldg, North OU Campus, Norman PR Ken Neptune, KA5EFJ 321-7789 VP Dorinda Skaggs, N5IUA 799-5363 SE Ken Brown, N5KUK TR Ken Esadooah, N5BEW 329-4667 Editor Ken Brown, N5KUK
4 OK CITY AUTOPATCH Meets: 7:30 pm, Third Tuesday, Salvation Army, NW 50 & Penn PR Jim Bartlett, KA5PSF 359-1299 VP Baron Bieber, N5PQK 557-1664 SE Ken Goddard, WA5DTL 946-4973 TR Mac Macdonald, K2GKK 672-4947 Editor Baron Bieber, N5PQKU 557-1664	16 EDMOND AR CLUB Meets: 7:00 pm, Second Monday, Various locations. PR Mark Northcutt, WD5DYI 755-4672 VP Wendell Cochran, WB5ISO 943-4308 S/T Kay Northcutt, WD5DYJ 755-4672 Trustee Dennis Orcut, WB5ISN 340-0034
5 OKLA UNIVERSITY ARC Meets: 7:30 pm, Second Tuesday (Sep-May) 119 Wilson Center, 1334 S. Jenkins PR Frank Donaldson, N5IQJ 329-4172 VP John Wustenberg, KE5N 325-2382 S/T Jim Greenshields, WD5HPU 321-9981 Editor	18 GREAT PLAINS ARC Meets: 2:15 pm, First Sunday, Woodward Public Works Bldg. PR Bob Bayless, WB0GAX (Ft. Supply) 254-3561 VP Windle Hatchett, WA5PLW 766-3561 SE Rod Ford, WB5OVT (Gage) 923-7683 TR Freida Patterson, N5EOX (WDWD) 256-2111 Editor Tammy Bowman, KB5CZU 994-5381
6 ALTUS ASSOCIATION Meets: 7:30 pm, Second Thursday, North Main Fire Station, (CD) Altus PR James Molledahl, KB5LS VP None S/T Mike Schenkel, W5VXU 482-1797 Editor Mike Schenkel, W5VXU 482-1797	19 OKLA INDEPENDENT ARC Meets: 7:00 pm, Second Tuesday Southwestern Bell Offices, Ponca City PR Vernon Treiber, Jr., N5ANV 767-1571 VP Truman Stiner, WB5MRE SE Glenn Coker, N5NFC TR Jim Del Torto, K5FLL 762-1221 Editor Mike Morriss, N5JJR 765-6260
7 BICENTENNIAL (76er) ARC Meets: 7:30 pm Second Tuesday, 1801 N. Lincoln Blvd., Parking in rear PR Bill Skipper, KB5BS 392-4612 VP S/T Jerry Sproul, N5AUH 354-2061 Editor Chris Everett, KB5GGY 364-6794	20 CENTRAL OK COMPUTER ORG. Meets: 9 am, Second Sat, Midwest City Community Center, Reno & Midwest Blvd. PR Dorothy Roberts, KB5FDS 681-5220 VP Patrick Roberts, KA5ZYM 681-5220 S Donald Fox 733-8480 T Dale Goad 341-8525 Editor
9 WHEATSTRAW ARC Meets: 2:30 pm Second Sunday, Location varies, see Club Section for details PR George Maschino, K5GGL (Okarche) 263-7614 VP N5JWK (Leroy) S/T Joe Garland, WA5FLT (Calumet) 893-2660 Editor Ralph Wilder, WA5PFK (Watonga) 623-5421	CENTRAL OKLA RADIO AMATEURS Meets: 7:00 pm, Fourth Tuesday, Red Cross Bldg, 10 & Hudson, OKC, (Back Door). PR Frank Tassone, AA5GI 341-4945 VP Dorinda Skaggs, N5IUA 799-5363 SE Jim Buswell, N5BEQ TR Tom Mangham, K5LDI 677-5291
11 EDMOND AR SOCIETY Meets: Odd Months, 3rd Sunday, 2:00 pm, Edmond EOC; Dinner, even months, 3rd Fri. PR Tommie Guinn, KA5WAL 341-3886 VP Joel Beasley, KB5FCF 348-1614 SE Don Seible, N5LZE 340-4339 TR Clara Granger, KG5UG 341-2968 Editor Joel Beasley, 348-1614	

PLEASE help us keep your information up to date. What time, where, when, who are your officers, editors, and their phone #. Check YOUR entry, it can be changed.

If there appears to be a mistake - check with your club official. We can't do anything about it. Below is a sample label.

4	90/01	2
WILSON, MIKE WA5RTY		
1234 W 49		
MCCLOUD OK 74851		

The "4" means Autopatch Club, 90/01 means he is overdue. The "2" is for postal rates.

Copy should be 3 inches wide. If you can not meet that dimension, send it anyway, I will reset it.

POSTMASTER:

Send form 3579 to:
CORA,
9211 N. Council,
Apt. 216,
OKC, OK 73132

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Editor: Joe Harding WA5ZNF 720-1019
Circulation: Bob Graham WB5NSV 677-8685



VHF Club NEWS

WSLOW
*The Elmer Gockler Memorial
Station*

Club Meeting Minutes

Minutes for September meeting will be published next month. Since the August meeting was the watermelon one, there was no business conducted. I regret that I missed the watermelon (went to the wrong park) so I don't have any gossip to convey on that event. Joe, K5JB, Sec'y

ROSE Switch Experiments

I am delighted the way the most recent Rats Open System Environment (ROSE) code is working on the Pac-Comm DR-200. You might remember that I have tried, off and on, for 2 1/2 years to get the DR-200 switch to work correctly with ROSE code and it just didn't.

People all over the country were having good luck using it in the TNC-2 designs, and it was the networking scheme of choice in Central and South American countries where their administrations prohibited the aliasing used by Net/ROM. In this context, I am referring to the Net/ROM adopting call sign of the originating station, twiddling the SSID, and making the connect on the other end. The ROSE switch always displays it's call sign in headers it transmits, making administrations more comfortable that they know who is transmitting.

I had even talked to Tom, W2VY, the guy who wrote the code, a couple of times about the problems on the DR-200, and he was stumped because he just didn't have the hardware to test it on. He provided me with the source code, but I didn't have the software tools (compiler) to create the code -- and wasn't that crazy about trying to become a Z-80 expert. (TNC-2 and DR-200 designs use Z-80 micro-processor. They differ in the type of devices they use to handle the serial data input and output.)

J, KB0QJ, got me re-interested in the project and one weekend we got it working fine by making some essential hardware modifications to the switches. He and I both put them on the air long enough for me to work out the routing methods and figure out what they needed to talk to each other

AND handle explicitly defined routes to "users".

"Users", in the ROSE scheme, are things that aren't ROSE switches. Users can be people, but what the programmer mainly had in mind was a way to simplify linking to Net/ROMs, BBSs, etc. For example, to make a connection to my TCP/IP station, I had to make an explicit route to it because the second port of the DR-200 ROSE switch and the TCP/IP station share the same transceiver. They can't connect directly to each other. In the ROSE routing, I defined a route to user, K5JB-10, as going through digipeater WD5HJL-2 (Bill's UHF Net/ROM port). I could have used any station on UHF that can digipeat, but Bill's is pretty handy and works good!

Now, connecting to my TCP/IP port is not something I really need to do, but I wanted to test the explicit routing process and this was as simple a test I could think of. Later, I connected a UHF talkie to an unused port on my Pac-Comm TNC-220 and discovered that there was a lot about the ROSE switch that wasn't clearly documented. I fired notes to J, KB0QJ, every few minutes about my "discoveries".

Now, I know that there is probably only one other person in the whole world who cares about how the DR-200 works on ROSE, so I will leave that subject, but before we leave ROSE completely, let me repeat the minor details on how to use it...

1. The rose switch has a call sign. Mine is K5JB-5. Smitty's is AC5C-5.

2. ROSE also has a ADDRESS. Mine is 405732, Smitty's is 405262.

3. You connect to a ROSE switch's call sign, using a maximum of one digipeater.

4. You instruct that ROSE switch on what to do by providing two pieces of information:

a. Call sign of the ultimate destination station.

b. Address of the ROSE switch that can make that ultimate destination connection.

Now, connect to a ROSE switch: (C AC5C-5, or C K5JB-5), send a Carriage Return, and read the information screen for some examples.

Joe, K5JB

Atmospheric Study

(NASA Release: 90-102) Scientists from NASA and U.S. universities have joined Canadian researchers in an expedition to study pollution at high northern latitudes and emissions of methane, an important greenhouse gas, from tundra, forests and marshes.

Titled the Atmospheric Boundary Layer Experiment-3B (ABLE), the study will let scientists look at changes in chemical composition that occur when pristine Arctic air masses mix with polluted continental air masses.

Observations of Arctic atmospheric chemistry will be linked to studies by the Canadian Institute for Research in Atmospheric Chemistry (CIRAC) of the spoil of lowland marshes near Hudson Bay. The soils under observation are a source of methane, which plays a critical role in atmospheric chemistry and possible global warming. Like carbon dioxide and the other "greenhouse" gases, methane traps heat near the surface of the Earth that otherwise would radiate into space, warming the atmosphere.

The CIRAC Northern Wetlands Project will study the sensitivity of methane emissions to changes in surface temperatures to predict how these emissions may change in a warmer climate. The main NASA sampling platform is the agency's Lockheed Electra aircraft, stationed at the NASA Goddard Space Flight Center's Wallops Flight Facility, Wallops Island, Va. The Electra, a converted turboprop airliner, is scheduled to make 14 flights in the Hudson Bay lowland area and in Quebec. A Canadian DeHaviland Twin Otter aircraft will fly 50 research missions during the same period.

Ground sampling activity will involve towers and surface chambers at a McGill University facility in Schefferville, Quebec. Research activity began July 5 and will conclude August 20, 1990. The air and ground measurements will be complemented by surface-vegetation data from the Landsat and French SPOT satellites.

The ABLE project is managed by Langley's Atmospheric Sciences Division for NASA's Office of Space Science and Applications. The program was established in the early 1980s to study the chemistry of the Earth's atmosphere and its interaction with the land and the oceans.

Submitted by Mac, K2GKK.

MINUTES

24 JUL 90

The Meeting was called to order at 7:23 pm in the Rotunda Room of the Lincoln Plaza with President Frank AA5GI in the Chair and the following Directors and Visitors present :

ACARC - Tom Mangham K5LDI
Charlie Greene WA5JGU
MORI - Ellard W. Foster W5KE
76ERS - Jerry Sproul N5AUH
Jim Buswell N5BEQ

OCAPA - Jim Bartlett KA5PSF
Baron Bleber N5PQK
SCARS - Donald Schader KB5ABS
EARS - Jim Richardson N5OHL
Carol King K5CPZ
Steve Hamlin KG5IP
EARC - Phil Wolfenbarger N5HIP

Wheatstraw - Joe Lynch N6CL
C&E MNG ED - Joe Harding WA5ZNF

Visiting were Robert Moose N5QKI and harmonic : R. R. Moose.

Following self-introductions, the Minutes of the 26 Jun 90 Meeting and the Report of the Treasury were accepted as distributed.

Tom K5LDI again announced the Meeting of all Club Treasurers and/or Secretaries for 4 pm Saturday of Ham Holiday in the Rotunda Room.

Joe WA5ZNF announced that, effective 6 Aug 1990, the Editors' address would be 9211 N. Council Road, Apt. 216, Oklahoma City, OK, 73132.

Phil N5HIP restated that future VE tests would be administered at the Salvation Army Headquarters, NW. 50th and Pennsylvania, OKC.

HAM HOLIDAY #17 < 1990 >

PUBLICITY - Frank AA5GI circulated the RadioScan Magazine with our ad in it; after some discussion, on Motion by Joe WA5ZNF and Second by Jim KA5PSF it was agreed to authorize and request Frank to announce the convention in the "Classifieds" at the week-end < \$18.00 > rate;

FACILITY - Frank AA5GI has Lincoln Plaza's contract proposal for HH #18 < 1991 > in hand and it will need to be discussed;

DEALERS/AWARDS - Frank AA5GI circulated copies of the list of confirmed dealers and probable floor plan assignments;

PRE-REGISTRATION - so far approximately 450 plus flea market tables, dinners and scholarship tickets;

REGISTRATION - after some discussion, on Motion by Joe WA5ZNF and Second by Jim KA5PSF it was agreed to award one Pre-Registration to Ham Holiday # 18, scheduled for 26 - 28 Jul 1991 to be drawn from those returning their badge holders this year;

TALK-IN - no report/er(s);

PROGRAMS - Jim KA5PSF circulated copies of tentative schedule and announced the Friday evening Program may be either KTOK's or KOCO's Weatherman; there will be demonstrations conducted during all the convention in the Blue Room;

NON-TECHNICAL - no report/er(s), will have to coordinate with PROGRAMS;

BINGO - have not as yet acquired use of a blower-type selector;

DINNER - set, speaker unknown;

FLEA MARKET - only needs to know for how many to set up;

SECURITY - covered, possible Explorer Scouts daytime;

SCHOLARSHIP - tickets are selling well at 3/\$5, not as well at \$2 each;

BREAKFASTS - QCWA will meet informally at Mr. Sprig's about 8 am Sunday.

NEW BUSINESS - Frank AA5GI announced that Lincoln Plaza had raised its rates another 20% to \$4800 for 1991 with no addition of products nor services. After some discussion it was decided to ACTIVELY pursue another site for Ham Holiday, even the Fairgrounds.

This Meeting was adjourned at 9:17 pm.

The next Meeting is scheduled for 28 Aug 1990, site to be announced.

Secretary,
N5BEQ, Jim.

Central **O**klahoma **R**adio **A**mateurs **I**nc.

All Clubs Co-operating To Advance Amateur Radio

4 AUG 90

The Meeting of Supporting Club Secretaries and Treasurers was called to Order at 4:02 pm on Saturday of Ham Holiday #17 in the Rotunda Room of the Lincoln Plaza with Board Treasurer Tom Mangham K5LDI in the Chair and the following in attendance:

PRESIDENT - Frank Tassone AA5GI, VICE-PRESIDENT - Dorinda Skaggs N5IUA

C&E MNG ED - Joe Harding WA5ZNF, SECRETARY - Jim Buswell N5BEQ

76ERS TREASURER - Jerry Sproul N5AUH, MORI S/T - Linda Moore KA5NAV

OCAPA SEC - Leonard Hanstein W5MEL EARS SEC - Brad Kiespert KG5UK
" TR - Larry Davis KF5JN " TR - Clara Granger KG5UG

Wheatstraw S/T - Joe Garland WA5FLT, ALTUS S/T - M K Schenkel W5VXU

EARC PREZ - Mark Northcutt WD5DYI SCARS PREZ - Ken Neptune KA5EFJ
" S/T - Kay Northcutt WD5DYJ " V-P - Dorinda Skaggs N5IUA
" TRES - Ken Esadooah N5BEW

CARA PREZ - Leo Peil WZ5H CARA SEC - Dennis Painton WK5V
" TRES - Nadine Painton N5FMH, " ED. - Jack Day NN5Z

Visitors were Ray Barnes AB5Z, CARA; Betty Day YL/NN5Z, CARA; Barbara Kiespert KB5GDH, EARS and Brian Kiespert, EARS .

The C&E MG EDITOR, Joe WA5ZNF, began by requesting each club to make sure their information is correct and up-to-date in the listings on "Page 3." He continued by explaining the data contained on the mailing label .

Treasurer Tom K5LDI then explained his quarterly billing system and requested each club to report accurate rosters .

Cimarron ARA Treasurer Nadine N5FMH reported she was not completely informed of the CORA/C&E dues structure when the Club joined CORA .

MORI Secretary/Treasurer Linda KA5NAV requested understanding of how roster data got to the mailing memory without her receiving corrections .

After much discussion among those present, the Meeting was adjourned at 4:47 pm .

Secretary,
N5BEQ, Jim

W I N N E R S :

hourly 4 AUG 90, Saturday:

CLAIMED:	Repeater Directory	Lee Vaughn KA5WIS	901387
	<u>Caps Unlimited</u> cap	Erik Kirk KB5CJI	1273
	<u>The Antenna Compendium</u>	Hank Blackstock WA5JRH	2022
	<u>C.Q.</u> subscription	Don McDown N5ENQ	1207
	<u>The Antenna Book</u>	Steven Guerra WB5LCN	1156

Annual - **HAM HOLIDAY** - Oklahoma City

W I N N E R S 4 AUG 90 cont'd. : U N C L A I M E D :

<u>Caps Unlimited</u> USA cap	Sid Berry N5QKV	1039
" " Skywarn cap	Clem Wehner K5KGM	1084
<u>WorldRadio</u> subscription/ham cap	Jerry Havill KG5AA	1419
P R E - R E G I S T R A T I O N , Icom IC-2400A :	John Brown KA5WLB	1176

Sunday 5 AUG 90

hourly CLAIMED :	EXTRA code course	Janet Jones y1/W5OU	1023
	MFJ wattmeter	Fred Goodwin N5HZX	1280
UNCLAIMED :	5/8-wave 2M. Mag.	Scott Forbes SWL	1362
	1/4-wave 2M. Mag.	Bernie Cooper N5PCZ	2302
	CQ subscription/cap	Don Reed WA0HSW	2319
SCHOLARSHIP RAFFLE ,	Icom IC-2SAT :	Stephanie Guinn KB5HWI	4270
G R A N D A W A R D ,	Icom IC-735 :	Bob Pace WA5CLG	1462
	complete computer	Ray Roton N5AUB	1186
	surge protector	Dennis Pharr WD5JWY	2426
HH17, 1990 Tee-Shirts :	Leo Peil WZ5H, 1197; Jim Richardson N5OHL, 1142;		
	Sid Rose WA5TAR, 1051; Donna Buck KA5FSZ, 1307; Charlene Johnson, SWL, 1162; Dick Baker WB5TMW, 1504; Lee Schiller W5OLX, 1327; Paul Richardson KB5KPL, 1144 and Earl Vaughn KA6TIR, 1170		
Tee-Shirt/Cap	Henry Allen WB5TYD	2079	
Cap/Mouse	Bob Lucas WD5IBX	1381	
1/4wavw 2M Mag/cap/ <u>WorldRadio</u> sub.	Ed Brown WA5YDF	1473	
power strip/cap/connectors	Roy Miles K5GIV	2191	
Cap/QSL cards/ <u>WorldRadio</u> sub.	Linda Moore KA5NAV	1479	
Cap/ grab bags	Karen Recer KC5WZ	1394	
Portrait/ <u>WorldRadio</u> sub.	Ronnie Miller KC4MNR	2373	
repeater directory/cap/clock	Holly Stewart KD5DL	1439	
sat-exp. hdbk./ " /call badge	Barry Holt SWL	1489	
DX bk/ sta. man./call badge	Jerry Drewery N5HTF	2423	
oper. tips/ QSL cards/ call badge	Jack Muse WB5ZKZ	1427	
ant. matcher/oper. man./ cap	Howard Wise WD5IDB	2089	
batteries/parts/connectors	Ron Williamson N5IRJ	1389	
coax switch/grab bags	Fred Wright K5HFN	1203	
5/8wave duck/ant ntbk/call badge	Lester Wood KB5MMT	1081	
QSL cards/cap/call badge	Norm Deemer WA5HPJ	1331	
HF, VHF mobile antennas	Robert Shaw WA5BQX	1413	
<u>Bugcatcher</u>	John Callison KB0OU	1415	
QRP ntbk/oper. man./wattmeter	Fred Taylor N5GTP	2476	
ext.sp./UHF Magn. ant/callbdge	Marlin McGee N5LZF	1171	
2 M Isopole	W E Hubbard W5HXR	2204	
2M mag.ant/SWR-PWR meter	Aleen Freeland WD5ADV	2445	
Icom IC-4SAT	Joe Hallett W5PNO	1229	
power strip/ 20A pwr sply	Harold Wells KA5WHJ	1225	
MFJ packet <u>TNC</u>	Jerry Fogle N5OTT	2009	
<u>Mirage</u> amp	Ann Lucas N5ASX	1382	
mobile ext sp/ <u>CQ</u> subscription	Ann Peil y1/WZ5H	1198	
SWR meter	Don Rooker N05M	1054	
power supply	A Cornelson W5LHU	1505	
Icom IC-3SAT	C L Supplee W5KDF	2015	
Alinco handheld TCVR/cap	Mike Mize KB5BIX	2231	
422 Keyer	Jim Ridley K5LGW	1193	
MFJ 948	Mike Duerr N5NLP	1432	
operating manual/clock	A C Adams KA5WGV	1378	
ARRL Handbook	Joe W5YPN eldest male licensee		
Antenna Notebook	Jeff N5QIQ youngest "	"	
Necklace	Bertha N5ING eldest female	"	
Necklace	Stephanie KB5HWI youngest "	"	

Master of Ceremonies Charles Wilhite K5NK; adjourned 2:20 pm, N5BEQ, Jim .

M I N U T E S

28 AUG 90

The meeting was called to order at 7:18 pm at the Classen Village Inn with President Frank AA5GI in the Chair and the following Directors present:

ACARC - Thomas Mangham K5LDI MORI - Ellard W. Foster W5KE

OCAPA - Jim Bartlett KA5PSF EARS - Jim Richardson N5OHL
 Baron Bieber N5PQK Steve Hamlin KG5IP

76ERS - Jim Buswell N5BEQ Wheatstraw - Joe Lynch N6CL

SCARS - Donald Schader KB5ABS EARC - Phil Wolfenbarger N5HIP

The Minutes of the previous Meetings and the Reports of the Treasury were accepted as distributed .

Phil N5HIP reported for the VE Committee that only one test session is being seriously considered for Ham Holiday 18 in 1991 due to a small number of applicants and high ratio of repeats .

Ham Holiday #17

PUBLICITY/FACILITIES/DEALERS-AWARDS - Frank AA5GI restated a possible contract with Lincoln Plaza for HH 18 is in hand with a 20% increase and referred attention to his summary statements as distributed ;

PRE-REGISTRATION - Tom K5LDI circulated a possible replacement for the latest badge design for consideration as the other forms are exhausted ;

TALK-IN - consensus was that it worked well ;

PROGRAMS - Jim KA5PSF restated that this task will require much more effort sooner than in past years to be considered at all successful ;

NON-TECHNICAL PROGRAMS - in the absence of the Chair the consensus was that more effort is needed and much sooner also ;

BINGO - made a profit ! ;

DINNER - well-attended with mixed reactions to the menu and speaker ;

FLEA MARKET - covered the costs ! ;

SECURITY - went well as far as the two nights but needs work for the daytime coverage ;

SCHOLARSHIP - attempts will be made to sell the remaining Tee-Shirts to recover our costs from them and better publicity will cover the plan in effect next year ;

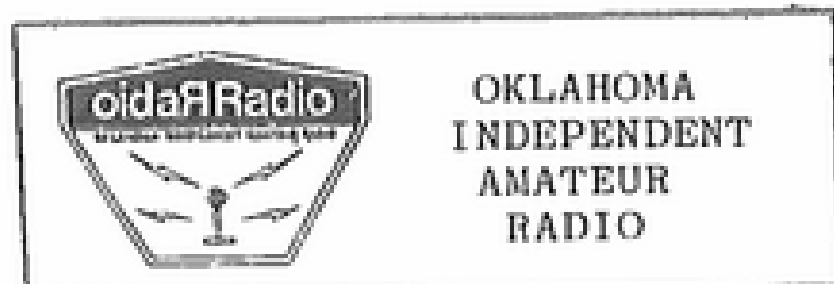
BREAKFAST - it does not appear that QCWA will try one next year so CORA might .

Don KB5ABS relayed to the Board a request from the Oklahoma City Astronomy Club for a cooperative effort around the 18th of September with a similar group in Australia .

The next Meeting is scheduled for 25 September at a site to be announced with a reminder that it is Election Meeting .

This meeting was adjourned at 8:59 pm .

Secretary,
N5BEQ, Jim .



These notes are from the 14 Aug '90 meeting.

The annual OIDAR Swap Meet & Testing Session has been revived with the help of the Kay County and Cowley County (Kansas) ARCs. We missed having the meet last year and probably wouldn't have had one this year without the help and urging of the other two clubs. SOooo.....

The Annual OIDAR Swap Fest is now an Area Ham Swap Fest. I'm sure that the addition of the other area Hams will make this an even bigger and better event than it has been in years past. The Swap Fest will be held on the 6th of October in Ponca City, America.

The testing session will be held from 9:30 until done (about 11) in the morning and will be conducted at the Pioneer Area Vo-Tec school which is located just East of the Ponca City Airport, at 2101 N Ash. All those taking tests need to bring the original and a copy of their Ham license, Certificate of completion if applicable, plus an FCC Form 610. There will NOT be a copying machine available. The fee is \$4.95. Please bring exact change or a check if you can. There will be no charge for Novice testing. Some examiners have said that the FCC is getting picky about the 610s and want only the real thing, so try to get one instead of a copy, if you can.

The Swap Meet will start at 1300 and run until done or 1700, whichever comes first. It will be held at the Airport Service Co. hangar, just north of the terminal building on the Ponca City Airport.

Bring your own lawn chairs and tables. As of this time there will be no entrance fee. The address is 2301 N Waverly.

An anonymous Ham has donated \$100.00 to be used for door awards at the swap fest. This has been split up into two \$50.00 awards, one from Oklahoma Communications Center, and one from Dandy's, the two dealers who are currently planning to attend. An Avionics display, complete with amateur equipped airplanes, will be there too. The avionics dealer will no doubt put on a good demo as well.

These two facilities are perfect for the events. A big thanks is in order for the staffs of both facilities. Talk-in for both events is on Ponca City 146.97(-) repeater.

SEFYUALLTHERE!

We are trying to arrange a field trip to be held on Sept. 15 to KBOHH's shack in Anthony KS. The report is that he has a BIG antenna and mast and a very interesting installation.

Jim Del Torto, KSFLL, gave a talk on WW II code work in the military. He said it was

SET EXERCISES

QST QST QST SET exercise is very near. The normal annual SET exercise comes the third week end of October. It still does this year, but be very aware that in Oklahoma County we are having ours on Saturday, 13 October. We are doing this to coincide with Arkansas's exercise. This drill has all to do with being prepared for a National Disaster that is forecast for December 3, 1990.

We are going to need very, very many lead people, operators, liaison operators, and field service operators so all of you make a VERY SPECIAL EFFORT to be on board. On Saturday October 13, turn on your radios, monitor, check in, standby for assignment.

Local frequencies are 146.22/82, 144.81/145.41, W5LOW 3997 kHz, 7275 kHz, Arkansas HF 39875 kHz.

Oh Yea, please note that due to the above circumstances, you that are in adjacent COUNTIES, whether your county has a SET exercise planned or not, you are invited and encouraged to participate with Oklahoma County in the above SET exercise.

WE NEED YOU!! Thank you.

Jim L. Jones, K5PER

Okla County EC

ENID ARC SWAP MEET COMING

The Enid ARC is planning a Free Admission, Free Tables and RV Hookups SWAP MEET on November 10.

They will have ARRL Testing at 10 am, walk ins are welcome.

Talk-in is 147.375 and 443.200 MHz.

There will be Grand Award of a Dual-Band HT or \$300.00 in cash.

Lots of other awards and a covered dish dinner.

There will be several dealers present.

A concession with food and drink will be available.

It will be held November 10 at the Garfield County Fair Grounds (Hoover Bldg) Enid
8 am till 5 pm

For table reservations call (405) 233-8473 or (405) 242-3551.

surprising for him to pass the code tests for his Ham license after no code for about 10 years. I'm sure that the conditions he operated in during the war imprinted the code deeply in Jim's brain. Hats off to Jim and all the vets that he served. Thanks to Jim for the talk.

Vern Treiber, NSANV, talked about how repeaters work. He also discussed some repeater linking schemes.

John Hadsel, K6IZA, brought his uncle-in-law, Thurman Hunter, KC6FXM, of West Covina CA to the meeting. It's always nice to have visitors.

73

NSJR, Mike

LIGHT BULB INFO

Recently I've heard many Hams complain that they cannot find light bulbs for the control panels of their radio equipment, and have been asked directly about same.

The following bulb will replace those 12V bulbs which seem to be too bright and fail too quickly. If the old bulb is the small (grain-of-wheat) type used in many radios, it is destined to fail soon. The 7220 bulbs I obtained from Sylvania are rated at 18V and last 60,000 hours at that voltage. At 14V, the mind boggles, and the bulb keeps on glowing (a nice soft orange...just like the TM-731A set on "dim"). I just put a pair in a Kenwood 7950. They are much better than that goofy green color!

Good luck and happy soldering! Jerry KD2DR

(KD2DK@KC3BQ via K2GKK)

WIDE FREQ MODS IN ICOM HANDIES

Several new Icom hand-held radios have the capability of extended frequency coverage by executing only simple keypad commands.

IC-2SA: With the power off, hold down CALL/FUNC/LIGHT and turn radio on. Release keys.

IC-2SAT: With power off, hold down LIGHT/B/# and turn radio on. Release the keys.

IC-24: (New version only, old version need some diodes cut): Turn power off. Turn power back on while pressing LIGHT/B/# keys. Release keys after the display comes on. Turn power off. Turn power back on while pressing LIGHT/2 keys to enable 100s MHz digit. Turn power off. Turn power back on while pressing LIGHT/2 keys to enable 10s MHz digit.

The new Icom handies have an extremely wide frequency range with just a few key strokes, to modify them. 73 Lionel, KC4CLD
WB5RZX BBS have fun! via Mac K2GKK/5

STOLEN QSLs FOR USSR

The Soviet postal workers have made the astounding discovery that funny little envelopes with W, N, or K in the address contain US Currency. The low income of the postal workers and the high value of US dollars on the black market has resulted in many "green backs" and QSLs being stolen.

Do not put any reference to amateur radio on your envelope and use standard size business envelopes, preferably with a business return address. If you include US \$, (preferred) fold the letter in such a way that the bill is not visible through the envelope. 73 Igor...

MACK: My boss told me to keep my eye on the ball, my shoulder to the wheel, and my nose to the grindstone.

JACK: That sounds like good advice.

MACK: Good advice! Have you ever tried to work in that position?

URGENTLY NEEDED
PARTICIPATING STATIONS
NET MANAGER
NET CONTROL STATIONS
OKLAHOMA LIAISON NET (OLZ)
Daily: 7:00 pm (1900) Local
3.6825 mHz

For further information contact
N6CL, SM or K5CXP, STM

The Oklahoma Liaison Net (OLZ), one of the oldest nets in the state has become an endangered species. It is the only Oklahoma CW net still active. At one time it had many participating stations, but due to various factors such as more sophisticated transmission modes, aging/ailing operators, silent keys and a dearth of interest in CW and CW traffic handling by new amateurs, net participating has dwindled to the point where there are only four stations regularly participating. There have been time when net control was the only one on frequency!

OLZ derived its name from the fact that it provided liaison or an output or an input for traffic between Oklahoma and the ARRL Region 5 (RN%) of the International Traffic System. RN5 is composed of AL, AR, LA, MS, OK, TN, and TX.

For those not familiar with the National Traffic System (NTS), the United States is divided into three areas; Eastern, Central and Western. Each area consists of several regions. Thus a message originating in Oklahoma for CA would enter a local net, such as the Oklahoma Traffic & WX Net, which has liaison with OLZ. Once in OLZ, the message would be given to OLZ's liaison station with RN5. In RN5 the message would be given to the station that is liaison between RN5 and the Central Area Net (CAN). CAN has liaison with both EAN and PAN so the message would move via PAN station to PAN, then to the RGN liaison to the CA liaison and to a CA net for local delivery.

Region CW nets meet twice nightly. Once before and once after the area net. Thus there is opportunity to move traffic to and from the area net by the region and state nets the same evening.

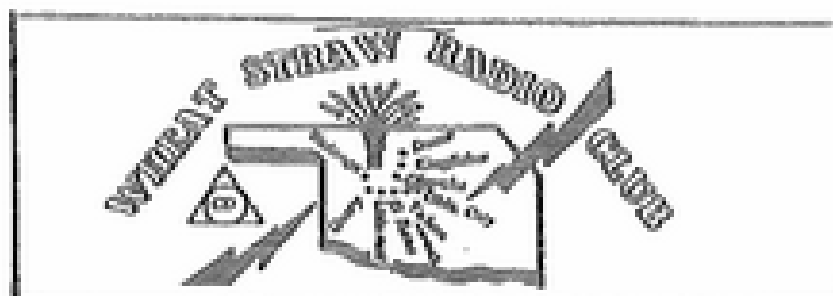
If you are interested in observing how traffic moves, listen to RN5 (early session 7:45pm local, late session 9:30pm local) on 7.050+ or - mHz.

Follow a message identified as "CAN" traffic, i.e. going out of the region. Note the region station will take it to CAN. Then monitor CAN on 3.670 at 8:30 local.

You will notice that traffic is seldom handled on the net frequency. The NCS will match traffic to stations and move them off. Thus you will find traffic being passed + or - 4, 8, 12 kHz from the net frequency.

If you have never participated in CW net, you should try it. You may like it.

It would be a sad commentary on Oklahoma amateur radio and a tragic shame if OLZ were to cease operation. Oklahoma would not only lose a traffic outlet and input but a tradition. - K5CXP



The meeting was held at Mead Park in Weatherford, September 9. Weatherford Amateurs host the watermelon feed each year at this time. The park has had an improvement since I was there last. The shelters are now screened to keep the flies and such out. They have a screened door at each end with a large screened panel to remove for bringing in picnic tables as needed. The floors are cement. With a small breeze it is nice. Lets all make an effort to keep it that way.

We had a visitor at the meeting, KSLGW Jim from Clinton, welcome Jim. Come back again and if the opportunity comes your way, check into our net every Wednesday night at nine o'clock. Thanks for coming.

There were 21 at the meeting, we were expecting a larger crowd. Believe it or not WDSJNT Ted came to the meeting, if he can, you can.

The ladies of the club got their heads together, and brought up the fact they thought it would be better for all members over the area to have the Christmas Dinner at the Brass Apple in El Reno. KB5MPM Venus is going to check it out to see if they have a room for us. Keep tuned in to the Wednesday Net for further information, and I will try to get it in an article.

N5NZU Jane and N5MPG David enlightened the group about the article on page 52 of the September QST. Please read it. If you wish to do a good turn or to promote amateur radio, try and participate. Get all of the info you need as soon as possible, the Jamboree On The Air, or JOTA, will be here soon, October 20th. I am sure that you can get any information from Dan Dansby, W5URI, ARRL North Texas Section Manager, 5805 Walla Ave, Fort Worth TX 76133.

The October meeting will be held in Kingfisher. The meeting place is not known at this time. It will be too late to be in the Collector & Emitter, but listen to the net for the location.

Man Mountain, alias Dick Smith comes on the KIMY 93 Radio station at six am. If you are in the listening area, Man Mountain is promoting Red, White and Blue ribbons to be worn instead of the yellow ribbon in support of the service personnel in the Middle East Crisis. The radio station also has a list of service personnel names and addresses. You may get names and addresses to write to, you may become pen pals or just good friends. Give them our support, Fly our American Flag proudly. KIMY 93's phone is 623-4777, to write to them it's PO Box 221.

CIMARRON

With only a lightly attended meeting to report...and many of our members busy with trips, farm work, school beginnings, etc., there seems to be a problem coming up with news to fill this column.

I can only say that the heat wave as well as the dry spell seems to be broken in this northwestern Oklahoma community! Some good rains have fallen and many will be busy planting the wheat crop of 1991. With an embargo placed on exports to our second best customer for our wheat...it is to be hoped, fellow farmer, that you have an oil or gas well in your section.

Our September meeting was chaired by President Leo Peil WZSH, and those gathered around the chips and dips were Terry McColl N5MLT, Vern Brewer KASSZD, Curtis Briggs N5RHO, Ray Barnes AB5Z, and our Hostess Ham RO Ruth Simpson WX5Y.

The business session consisted of interesting rag chew covering the sad state of our repeater, preferred coax, equipment sales, antennas, and the state of the nation, state, county and city! No decision was reached on any of the several subjects.

New business consisted of a general feeling that a VE test should be held some time in January.

Curt N5RHO, should be congratulated. He has equipped his Ham Shack and is on the air working available DX. He is close to being ready for the General Class tests and is a good example for our Novice cadre!

We have missed our Secretary and our Treasurer, Denny WK5V and Nadine N5FMH! They have been on an extended and well deserved vacation. Not that they have neglected their club duties. They sent out our club meeting reminder cards from Boise, Idaho! That's dedication!

That's about 30 from this station! Remember our October meeting...Thursday the eleventh. QNI local time at the WX5Y Playhouse. Be there or be you know what!!!

73 N5SZ

What do cats eat for breakfast?

Mice Cispies.

K2GKK/5: What's your father's walk in life?

KB5HTX: He's a little bit knock-kneed.
Why?

W5MGZ Perry N5NZU Jane N5MPG David and N5MOL John, Thanks for hosting the watermelon feast. May our hearts be filled with joy and love so we will be closer to our God and to each other

WA5PFK

EVA BURROWS
GENERAL



KENNETH L. HODDER
TERRITORIAL COMMANDER

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MAJOR HAROLD J. ANDERSON
DIVISIONAL COMMANDER

September 20, 1990

Mr. Frank Tassone, AA5GI
President of CORA
3531 Wynn Circle
Edmond, OK 73013

Dear Frank:

On behalf of The Salvation Army, we wish to welcome you and your group to our Arkansas/Oklahoma Divisional Headquarters building for CORA'S 4th Tuesdays monthly meetings from 7:00pm - 10:00pm. We are honored to have your group use our facilities for your monthly meetings. We hope this will begin a long and beneficial relationship for CORA and The Salvation Army.

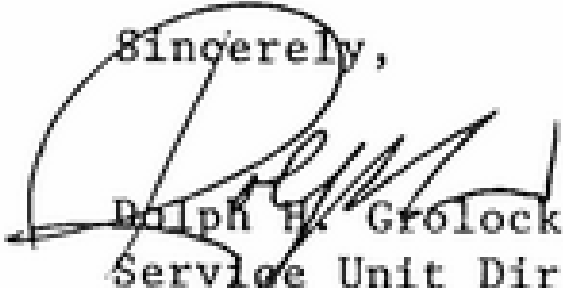
We would deeply appreciate your assistance in helping us maintain operators for our Divisional N5FM amateur radio station by whatever announcements you deem appropriate through CORA.

We are in particular need of operators on the 2nd Saturday of each month, from 8am-9am, when our Divisional station conducts contact test sessions (HF, VHF, Packet) with our Salvation Army operators in Arkansas and Oklahoma. Prospective operators who are checked out with the equipment on the 2nd Saturday would then be prepared to assist with operating on the 2nd Saturday, as well as in times of actual emergency disasters.

Our facilities are here to be used at your pleasure on your 4th Tuesday meeting date. As you are aware, we have NO smoking in the building. For those who smoke outside the building, we would appreciate the butts being cleaned up after your meeting.





Frank, if there are any questions or requests, do not hesitate to contact me, and I will share your requests with our administration. We thank you.

Sincerely,


Ralph H. Grolock, Jr., (KB2AW)
Service Unit Director
Salvation Army Amateur Radio liaison
to amateur radio organizations

DHG/bm

cc: Frank McCollom, N5FM, Station Trustee
Captain Marshall Gesner, Divisional Secretary

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 SCARS NOVICE CLASS	2 OKLAHOMA INDEPENDENT MID-OKLAHOMA REPEATOR Inc	3	4 AERONAUTICAL CENTER ARC	5	6 OKC CD SIREN TESTS 1130 145.41
7 GREAT PLAINS A R C	8 EDMOND CLUB SCARS NOVICE	9 OKLAHOMA UNIV. ARC BICENTENNIAL (76ers) ARC	10	11 CIMMARON A R S ALTUS ASSOCIATION	12	13 CENTRAL OKLA COMPUTER
14 WHEATSTRAW A R C	15 VE TESTS 6:00 PM SALVATION ARMY 50 & PENN	16 OKLA CITY AUTOPATCH	17	18 KAY COUNTY A R C	19	20 V H F S C A R S OKC CD SIREN TESTS
21	22 SCARS NOVICE CLASS	23 C O R A 7:00 PM SALVATION ARMY 50 & PENN	24 	25	26 EDMOND SOCIETY	27 
28	29 SCARS NOVICE CLASS	30 	31			

STOLEN/LOST HAM GEAR

I'm compiling a national database of stolen or lost Ham gear, to assist in locating them rightful owner. Please send your submissions, VIA post card, QSL or Packet, in the following format:

Brand Name, Model number, Serial number, Date Stolen/lost, Circumstances, Name/Call of owner, Reported by.

If Mailing, send to:

KB4BI, 6843 Brian Michael Ct.
Springfield VA 22153

Please pass around to other Hams that this data base is being established.

KB4BI & KF4TE via K2GKK

WSHXL: Is this the office of War On Poverty?

WA5JGU: Yes, it is.

WSHXL: Well, I've come to surrender.

AMATEUR SPECIALS

Larsen Dual Band 2M/440 antenna with cable/mount \$47.95

Larsen Dual Band Coupler \$49.95

2M 3db Antenna with mount & cable \$29.95

2m 3db Antenna with spring, mount and cable \$31.95

440 5db Antenna with mount and cable \$29.95

440 5db Antenna with spring, mount and cable \$31.95

Magnetic mount for above antennas Add \$10.00

Micor VHF Mobiles \$80.00, GE Master-II VHF

Mobiles \$110.00, Bird Wattmeters, new, \$110.00,

Systrom-Donner counters \$135.00.

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