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THE BIG SIGNAL
OKLAHOMA CITY AUTOPATCH
ASSOCIATION, INC.

LATEST O.C.A.P.A. HAPPENINGS

FIELD DAY: What a great one it was! If you didn't make an appearance out at the Liebmann Ponderosa you missed quite an experience. Most say it was the best one we have ever had. A great time was had by all, including the sun burned kids. What made it such a success? Well, let me list some of the reasons.

First of all, something like this is the result of great planning and coordination. For our coordinator this year, we were blessed to have Larry, KF5JN, doing the work. Larry put in many long hours prior to and during Field Day activities to make operations go so smoothly. There were very few hitches. He had made arrangements for ample equipment and operators, as well as refreshments. Great job Larry, and the club thanks you a lot. It would be a surprise to me if you weren't asked to do the same thing next year.

And what about the Desert Shield boy, KB1ZQ? Even though he had re-marriage on his mind, what would we have done without him? With the help of his employer, Uncle Sam, Hal furnished us with a big tent for operations, tables and chairs, a big water buffalo, tower and beam and a good old American flag to flutter gently in the breeze. The guy worked like a dog all the time he was there. Even though he's a Yankee and blurts out a big SEVENTY THIRD now and then, he's a pretty good guy and deserves a humongous THANKS.

What would Field Day be without a beautiful setting? This year, as has been the case for the past several, Jay, K5JL, has been so kind as to allow us set up on his farm out by Piedmont. Located near a pretty farm pond, Jay mows grass, sprays for bugs, and furnishes outside entertainment from pets. No noise, no pests, it's just an utopia for Field Day operations. Thanks Jay.

What about the generosity of the Candy Store? Everyone know who that is? Over 900 contacts were made on c.w. with a beautiful Icom 781 which was loaned to the club by the Candy Store. George wouldn't let me use it, but he, John and a bunch of other fellows sure did enjoy it. Thanks guys, and I'm sure you will see more and more of the club members at your establishment even though I think we are some of your better customers now.

How about that breakfast on Sunday morning? About 7:00 o'clock, here comes Joe, WA5ZNR, with tools in hand to cook up a fancy meal of sausage, eggs, and hashbrowns. Even though Joe's method of cooking eggs wasn't to B.R.'s satisfaction, he did a super job. It was so good that most went back for seconds. Same time next year Joe? Thanks buddy, we appreciate it.

Did you notice the great whale sitting out there? That was George's, AD1S. With Vicki's permission, George is able to furnish the C.W. operators with all the comforts of home, including air conditioning, easy chairs, television and a cool one now and then. Bringing his p.c. and logging program from John, NJ1V, c.w. operation was fun, as usual. We had so many operators this year that I never got a chance to operate. Normally, during the middle of the night, this has been left up to George and me. But, with individuals fighting for the right to operate this elaborate set-up, I got a few hours of zzzz's this year. For fear of leaving anyone out, I won't attempt to list all the excellent c.w. operators we had. There's talk of having two c.w. stations next year with all the good operators we now have in the club. Thanks Vicki.

The Phone tent did quite well, thanks to Hank, WA5JRH, who brought out his TA-33 and tower with rotor. After operations were over, Hank was so gracious as to donate the tower to the club for future use. We couldn't talk him out of the beam and rotor, but that was asking for too much. Hank also furnished his lap top computer for logging at the Phone station. We appreciate your generosity Hank.

A smaller whale, something on the order of a dolphin, was furnished by B.R., WA5BQX, for the convenience of the Phone boys. Having forgotten a set of keys to get to the accessories for the little trailer, it was necessary for B.R. to make an unexpected trip back to Guthrie. Put an extra set in the vehicle next year B.R. Thanks Cowboy.

Although not used to any great extent, several other individuals brought out equipment. Jim, KA5PSF furnished an Icom 735 for the novice station; Richard, KI5OM, furnished a tuner and power strip, KJOW brought an extra antenna. Others did too, I'm sure, but I am not aware of those who did. But, thanks to all.

A big thanks to all the fine operators this year. As stated, over 900 contacts were made on c.w. this year and approximately 700 on phone. We should show a marked improvement in our standings over previous years. Even though everyone did not operate stations at Field Day, a lot of hard work was done by many, such as helping put antennas together, raise towers, climb towers and the like.

As previously mentioned, outside entertainment was furnished by our host, K5JL. All the kids and old folks enjoyed Harry and Hap. Now Harry would get a little ambitious now and then and try to get a little amorous if his breast was stroked too much, but he was fun to have around. Hap gave several kisses and helped keep the place cleaned up. He was perfectly happy to get a bite now and then. I believe he liked the pepperoni best. Who was Harry and Hap? Come out next year and find out.

Tom WA9AFM also deserves credit for getting all the publicity out to the newspapers and television stations concerning the event. Fine job Tom.

Last, but certainly not least, we want to thank KWTU, Channel 9, for sending out a crew to film our activities and for the nice spots shown on their local news programs. Everyone enjoyed the showing of the entire film as our program at the July club meeting. Hopefully, this

Continued Next Page

AUTO PATCH PATCH

will build up some enthusiasm and bring out more folks next year. How come they didn't bring Jennifer?

Everyone had a great time. Noticeably missing was one of our best contest operators, Mr. Ron Recer, KE5M. Ron must have been too busy planting trees, showing dawgs, mowing grass, or just staying in where it was cool.

I am positive I have left out someone who deserves thanks, and I will apologize for that. Thanks anyway.

The only disappointment was the lack of novices and techs to operate the novice station. This is great way to learn proper operating procedures and with many members of the club lacking in this ability on the high frequency bands, it was disappointing to say the least.

I continue to receive many QSL cards from far and near. I keep watching the mail, hoping not to receive a pink slip from Uncle Charlie due to the antics of B.R. and John, NJ1V for strange operating practices.

MORE O.C.A.P.A. HAPPENINGS

I have never intended to steal any of Baron's thunder since he is the regular editor for the club, but not knowing the whereabouts of that feller, I thought it a good idea to add my two cents worth now and then. Figuring the guy had gone and kicked the bucket or skipped the country, I had a very good article prepared for the June issue of the C & E, only to find out he had been going to school to increase his book learning. Well, Joe let one slip up on me and I procrastinated too long before submitting my article and completely missed getting it to him. Then, comes the June issue and I read that nothing will be accepted for the July issue cuz of Ham Holiday, so now I have oodles of time to write one article over a three month period. There have been numerous good comments made on the local repeater during this time, some of which I have made mental notes and some I have jotted down. My memory might not serve me right and the contents of the following might be a little off base, but anyway, we will comment on some of them. Let it be known at this time that there are several of you fellers out there that I delight in picking on and on the other hand, there are several of you out there that I don't dare pick on for various reasons. But, should I pick on

you too much and you don't like it, let me know and you can rest assured I won't mention you again. Also, if it upsets you tremendously that I don't ever mention you, let me know and I will let you have it with both barrels. But, as stated, for various reasons, some of you will probably never appear in my column. How many of you remember the good old days when we had the MONKEYS CLUB? You know, KE5M was our Prez, AA00 was Vice PREZ, yours truly served as Sec-Treasurer and AD1S brought up the rear end. I can't remember who were the other two members. Well, those were the good old days, since now we seem to be saddled with the YANKEES CLUB. Boy, what is our club coming to? There's still George, AD1S and now we have John, NJ1V, the Seventy Thirds guy, KB1ZQ, Dennis, NR1B who is now off in Saudi country, a transplanted doctor, WM3T, the ever present K2GKK and WA9AFM who managed to do away with his alternator whine by getting rear-ended, and possibly others.

Hey, did you hear about Ostey? Poor old Ostey, he decided to start nipping at Hank's heels and he got tired of that, so Ostey made a trip to the local Vet to get his life straightened out. He had a little swelling after the Vet got through whittling on him, but now he is nice and quiet and doesn't dream about the other sex so much.

B. R. is always trying to find ways to get rich. He is now sitting around devising a way to recycle TP. After boiling the you know what out of it, it will be marketed in most Circle K's.

It seems that all NJ1V has on his mind these days is getting into his new home and working contests. He is having little luck in talking Hank into joining him.

Did you know that Mac, B. R. and Ron all belong to an elite group? They are at the top of someone's hate list.

It's election time again. I believe this comes around in August. Anyway, yours truly, KF5JN and WR5G are out searching for candidates. So far, all present officers have agreed for another term in office. Opposition for the vice-president's spot has been confirmed by NJ1V who is willing to run. Now, all we need is some other kind souls who will agree to oppose the other three officers. If you are too bashful to volunteer to the nominating committee, just show up at the August meeting and have someone put your name before the group. Never know, you might get elected.

Everyone enjoy John, N5SAM? Now John herds a big 18 wheeler around town, or maybe its smaller brother, delivering goods. John is very good natured. He has to be to take all the gruff from B.R. and Mac. One of these days he is going to get rid of that mouse he has riding with him.

Congratulations to Ed, WM3T. Ed went from nothing to Extra Class in just a few weeks without every making a contact on the H.F. bands. He didn't know what sideband or c.w. sounded like. But, he finally goes out and purchases himself an antenna and radio, and lo and behold, he has made a few contacts, even some dx. One of these days he might even get up enough nerve to made a c.w. contact if he can figure out how to wire up a keyer.

Sorry to hear about Lee's loss. For those not knowing, Lee's mother passed away recently. Sorry to hear about that Lee, but she is probably better off know the condition. Also, Lee's wife has had some surgical problems. Hope everything gets straightened out in your life before too long Lee.

Notice how many free-loaders we have around today? No name calling and since they don't belong to any club, they won't be able to read this, but maybe they'll come around. Our club is growing by leaps and bounds.

Being one of the examiners at the V.E. examination sessions, I continue to be amazed at the number of folks who attempt to pass the 13 and 20 word code tests without ever making a c.w. contact on the air. Their excuse, they don't own an h.f. rig. They sit around and listen to code tapes all the time, come to the testing session and then complain that the test doesn't sound like anything they have been working on. Why do they want a higher class license and why don't they have an h.f. radio? If they plan to operate on the high frequencies, they will need a radio some day, so what's wrong with getting one before trying to pass the test? For some reason, it is very difficult to convince many folks that the best and fastest way to build up one's code speed is making contacts on the air. For some people's information, very few operators sound the same, very few QSO's sound the same and it's often difficult to find a signal without a little QRM or noise in the background. So, why expect anything perfect at the code testing session?

I guess that's enough of my soapbox offering this time. See everyone at Ham Holiday.
K5NK

1. AERONAUTICAL CENTER ARC Meets: First Thursday, Flight Standards Building, FAA, South MacArthur 7:30 pm. PR Doug Teachman, W0DXA 392-5458 S/T Ted Anderson, NY5W 685-4016 AsVP Harold Todd, WA5VAQ 685-3685 Asvp Charlie Greene, WA5JGU 943-5631 Editor: Jack WB5SUN	11. EDMOND AR SOCIETY Meets: Odd Months, 3rd Sunday, 2:00 pm, Edmond EOC; Dinner, Even Months, 3rd Friday PR Tommie Guinn, KA5WAV 341-3886 VP Mike Delaney, KB5HXT 341-7847 SE Jim Richardson, N5OHL 524-0456 TR Aldon Sage, KB5LIC 341-8978 Editor: Mike Delaney, KB5HXT 341-7847
2. CENTRAL OKLAHOMA VHF Meets: 11:00 am, 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	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, WA5UB S/T Gary Robison, WB5WMD 765-9727 Editor: Dave Land, KD5FX 762-8616
3. MID-OKLAHOMA REPEATER, INC. Meets: First Tuesday, 6:30 pm social, 7:30 meeting, Skyline Cafe, 1631 S.E. 15th PR Steve Cornman, KB5CDF VP Jim Buswell, N5BEQ SE Robert Moose, N5QKI 843-6438 TR Toy Graham, N5QOK 632-0225 Editor: Stewart Holly, KD5DL 737-3700	14. CIMMARON ARS Meets: 7:30 pm, second Thurs., WX5Y Playhouse 827 S. 13, Fairview PR Curt Briggs, N5RHO (405) 227-4641 VP Terry McCall, N5MLT (405) 227-3672 SE Dennis Painton, WK5V (405) 764-3599 TR Nadine Painton, N5FMH (405) 764-3599 Editor: Jack Day, NN5Z (405) 227-3462
4. OK CITY AUTOPATCH Meets: 7:30 pm, third Tuesday, Salvation Army, N.W. 50th & 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, N5PQK 557-1664	15. SOUTH CANADIAN ARS Meets: 9:30 am, Second Saturday, Red Cross Bldg., North OU Campus, Norman PR Dorinda Skaggs, N5IUA 799-5363 VP Steve Wolfe, N18W 329-0203 TR Charles McCown, WB5UUX SE Ken Brown, N5KUK Editor: Ken Brown, N5KUK
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:	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
6. ALTUS ASSOCIATION Meets: 7:30 pm, Second Thursday, North Main Fire Station, (CD) Altus PR Loren Simms, WA5CBF 477-0921 VP None S/T Jim Molledahl, KB5LS 482-5308 Editor: Jim Molledahl, KB5LS 482-5308	18. GREAT PLAINS ARC Meets: 2:15 pm, First Sunday, Home of N5LRR, 2914 Osage Drive, Woodward PR Bob Bayles, WB0GAX, Woodward 254-3561 VP Andy Taylor, N5LRR, Woodward 256-4017 SE Rod Ford, WB5OVT, Gage 923-7683 TR Freida Patterson, N5EOX, Woodward 256-2111 Editor: Phillip Perry, N5QCN 938-2453
7. BICENTENNIAL (76er) ARC Meets: 7:30 pm Second Tues., 1801 N. Lincoln Blvd., Parking in Rear PR Hank Stokes, KB5XM 376-1067 VP Chad Drewery, N5QIQ TR Bill Skipper, KB5BS 392-4612 SE Jack Conley, AA5VU Editor: Not Filled	20. CENTRAL OK COMPUTER ORG. Meets: Second Saturday, 12 Noon, Oscar Rose College, Midwest City PR Don Fox 733-8480 VP Patrick Roberts, KA5ZYM 681-5220 S/T Martin Schiel Editor:
9. WHEATSTRAW ARC Meets: 2:30 pm Second Sunday, Location Varies, see Club Section for Details PR Edgar Engbrecht, W05B, Okarche 263-4411 VP Neal Kappus, N5KCO, El Reno 262-1551 S/T Joe Garland, WA5FLT, Calumet 893-2660 Editor: Ralph Wilder, WZ5PFF, Watonga 623-5421	CENTRAL OKLA RADIO AMATEURS Meets: 7:30 pm, Fourth Tuesday, Salvation Army, Penn & NW Highway, OKC, (Back Door) PR Frank Tassone, AA5GI 341-1124 VP Dorinda Skaggs, N5IUA 799-5363 SE Jim Buswell, N5BEQ TR Tom Mangham, K5LDI 677-5291 Editor:
10. OKlahoma DX Association Meets: Quarterly - Hamfests, DX Net Saturdays - 1600 UTC-7.195 MHZ, Box 88, Wellston, 74881 PR George W. Adkins, AD1S VP Darrell Reed, KF5DA SE Paul Harrop, WB5NDN TR Paul Wardell, N5PYD Editor: George W. Adkins, AD1S 356-4101	Vol 17 August 1991 No. 198

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.

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If your address label has a SAD FACE it means that you are due to renew your subscription or your club dues and you will continue to get the C&E for three months then, sorry but post office rules say that we must cancel you until you pay up.

Likewise
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you
see
a
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When you want a change of any sort to your membership just remember...fill out a slip (COMPLETELY). Watch for the DATE you received their money and the date subscription expires. Have your slips, or list of deletions, to me by the 22 of each month. If there is anything about C&E subscriptions that you need to know, get in contact with:

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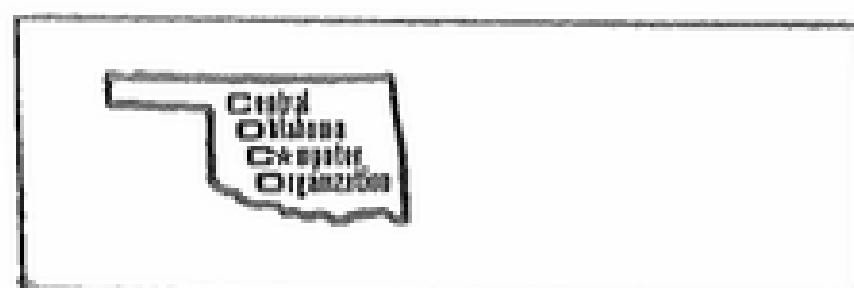
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The Central Oklahoma Computer Organization held its regular meeting at 12:15 on July 13, 1991, at Rose State College Business Building. A total of seven members attended with Don Fox, President; Martin Schiel, Treasurer; and Dorothy Roberts, Secretary. The Vice-President, Patrick Roberts, was out after a knee operation.

Minutes: The last meeting of COCO was a picnic on June 1; about ten persons attended the gala event. There was plenty of good food and the some members brought their favorite oldies music. The kids present had a good time eating and having an impromptu scavenger hunt.

Old Business: The money situation was discussed. The club is still extremely short, because some money from equipment sales has not been paid. Plans were made to remedy the situation.

Ham Fest will be an opportunity for the club to sell some more unused equipment, software, etc. The club has reserved a table. The President and Secretary plant to attend; the Prez asked for help from any members to man the booth or wishing to sell merchandise. The table will be in the Hobby, Arts, and Crafts building at the Fair Grounds.

New Business: Al Ingle Donated the documentation for: Telewrit, Telewriter 64, Spectaculator, Spell and Fix, Homebase, and VipWriter. Thanks Al.

Hardware/Software: The New IBM-Apple collaboration was discussed. The new product will have new hardware and new language. Some of the members speculated that the new product will not be compatible with either the old MacIntosh or IBM; however, other members envisioned future compatibility revision.

Some questions on DOS 5.0 were answered. Martin wondered about several compatibility problems associated with running in extended memory and popular programs such as: Word Perfect 5.1 and Lotus 1,2,3.

On the Color Computer front, there has been no further mention of a COCO 4 for

a long time. The problem of the infrequent issues of Rainbow was also discussed.

Al Ingle and several other members had ideas on future demonstrations to interest new computer users. Packet radio, demonstration of grading programs, and grammar checkers. A seminar was planned for Word Perfect for the September meeting, because Rose State is planning to install WPS1 at the university.

Programs: Martin explained the function of the Path for all the members, especially the new and confused. The Path tells DOS where to search for ".EXE" and ".COM" files, especially in the "AUTOEXE.BAT" file. The length is limited to 127 characters; some shortcuts were given for saving characters. If errors "bad file name" or "command" appears, the problem may need to be corrected in the path. Files with the same name may present problems without a correct path. The ".EXE" extension is executed before ".COM" files.

Dorothy gave a short talk on the new Write Writer. The program has some advantages because of its flexibility and ease of use. Martin preferred Correct Grammar because alternative were presented for choice.

Dorothy gave a demonstration of Record Breaker by Jay Klein. It is a fully integrated record keeper for teachers of all levels. The schedules are flexible enough to include grammar, high school, or infrequent schedules, such as university classes. Alphabetizing name and transferring information from one grade period to the other is simplified to several key strokes. The program allows grades figured by points or weighing, along with dropping the most damaging grade of the period. The attendance part of the program includes customized codes for behavior and attendance. The best feature of the program was the user oriented style in which all functions were presented. (That is, any boo-boo could use it).

THE CENTRAL OKLAHOMA COMPUTER ORGANIZATION AND ROSE STATE ARE OFFERING A HANDS-ON DEMONSTRATION FOR NEW OR PERSPECTIVE USERS OF COMPUTER-BASED WORD PROCESSORS ON

SATURDAY, SEPTEMBER 14, FROM 1 PM TO 3 PM. THERE WILL BE BREAKS.

THE PAPERWORK IS IMPOSSIBLE!
MANAGE THE MASS WITH A COMPUTER!

What is the advantages of a computer over a typewriter or word processor?

The hands-on demonstration, using Word Perfect, will include: an introductory note to a new class, a sample syllabus with alterations, a note to students/parents merged with a current list of students, a sample bank of test questions that will be used to make a test and an alternate version of that test, and hints on advanced uses of computers. The advantages of a computer-based word processor include some of the following:

1. Prepare a class' syllabus once and use that manuscript over, year after year without retyping.
2. Changes, even in the middle of the manuscript, are made without retyping the whole document.
3. Spelling is checked; in addition, specialized words may be added to the dictionary.
4. There is an easy to use thesaurus.
5. Programs will check grammar, give reading levels, suggest changes, adjust to different styles of writing, and much more.
6. With a word processor, instructors can build a large bank of questions for each unit and choose questions for tests. Instructors easily rearrange questions to make multiple versions that promote student honesty. In addition, make-up tests are easy.

Please sign up early, as space is limited to 15 to insure individual help. Call Dorothy Roberts at 681-5220 to make a reservation. Thank you!! Happy computing!!

The next meeting of COCO will be held on September 14, in the Business Education Building of Rose State. The regular meeting will begin at noon. Two demonstrations will be given at 1 PM; they are: 1. Beginning Users of Word Perfect and 2. Regular demonstration.

Central Oklahoma Radio Amateurs, inc.

MINUTES

25 JUN 91

The Meeting was called to Order at 7:39 pm with President Frank AA5GI in the Chair and the following Directors and Guests representing 8 of the 16 member clubs present :

ACARC - Tom Mangham K5LDI	MORI - Ellard W. Foster W5KE
Charlie Greene WA5JGU	EARS - Steve Hamlin KG5IP
OCAPA - Baron Bieber N5PQK	WheatStraw - Joe Lynch N6CL
Chuck White K5NK	SCARS - Donald Schader KB5ABS
76ERS - Jerry Sproul N5AUH	EARC - Phil Wolfenbarger N5HIP
Jim Buswell N5BEQ	C&E MNG ED - Joe Harding WA5ZNF

Visiting were Bob Ashby W5HXL and Gary Norman N5RDF.

The Minutes of the May 1991 Meeting and the Report of the Treasury were accepted as distributed. Tom K5LDI announced a reminder of the meeting called for Saturday afternoon of HamHoliday for all Club Treasurers.

REPORTS: C&E: Editor Joe WA5ZNF described recent ineptitudes within the Post Office resulting in an overcharge so that on Motion by Don KB5ABS and Second by Jerry N5AUH it was decided without opposition to move \$300.00 from the HamHoliday to the C&E budget accounts;

VEC: Phil N5HIP reports 32 examinees tested by 9 Volunteer Examiners resulting in a 52% rate of upgrades and an overall pass rate of 60%; Chuck K5NK reported the availability of an adapter for 6 headsets at once for use in Code tests.

HAM HOLIDAY #18 (1991)

PUBLICITY - Baron N5PQK reported notices in CQ, 73 and QST monthlies and will have "local" outlets next week, "Monitor" as yet has not replied with a comparable trade-out ad;

FACILITY - Frank AA5GI stated we will have Friday access;

DEALERS/AWARDS - Frank AA5GI reported Grand and Pre-Registration Awards will be ICOMS, we have received confirmations from Dealers from Georgia, Arkansas, and ICOM and the Dealers' Hospitality Room will be at the Days Inn, 2801 NW 39th;

PRE-REGISTRATION - Jerry N5AUH reported receiving \$90.00 for the Scholarship fund thru raffle ticket sales but Banquet ticket sales are slow;

REGISTRATION - Steve KG5IP has workers lined up and is seeking more, otherwise he/they are just waiting on the calendar;

TALK-IN - appears to be ready;

PROGRAMS - Frank AA5GI circulated copies of our published schedule with the reminder that it is still flexible with room for lots more;

DINNER/NON-TECHNICAL PROGRAMS - no report/er(s), we are reminded that the Banquet will be Barbecue at the Lions' Club Community Center at 4123 NW 10 for \$8.50 per person;

BINGO - Tom K5LDI reported and Bob W5HXL confirmed that prizes are in hand and more can be acquired;

FLEA-MARKET - Donald KB5ABS will have the doors open at 7 am Saturday for registrants' set-up to open to the public at 8 am;

SECURITY - Phil N5HIP reports ready;

SCHOLARSHIP - CORA still needs a CHAIRPERSON for this committee effort on a continuing basis to ensure funding in the future, will raffle another ICOM IC-2 SAT;

BREAKFAST - Elmo W5JCB advises that QCWA will hold an informal Sunday Morning event and announce particulars as soon as possible.

NEW BUSINESS - Convention Liability Insurance cost \$560.00 for One Million Dollars coverage this year. We will continue to investigate for a better deal in the future.

The Next Meeting is scheduled for 23 July 1991, same place and time.

This Meeting was adjourned at 9:14 pm.

Secretary,
N5BEQ, Jim.

GREAT PLAINS A.R.C.

MSRGH Repeater 146.13/73

The Great Plains Amateur Radio Club's June meeting was held at the QTH of N5LFF and N5OKF. Those in attendance were Andy N5LLR, Sandra N5OKF, Lewis W5KFK, Freida N5EOX, Larry N5FVJ and wife, Wes N5SBL and wife, Phillip N5QCN, Bob WB0GAX, Wendell WA5PLW, Keith N5TBX, and Jim KASAAE.

The club made plans to operate a club station on Field Day. It will be held at Crystal Beach Lake. Bob WB0GAX and his son have been working hard on the communications trailer. They said that they thought that they would have it done for Field day.

The Club gained another member at the meeting too. Larry N5FVJ is now a member of the GPARC. (Fact: In the past two (2) months, the GPARC has gained three (3) members. Not too bad.)

Willis N500 and Lorene N5LEP went on a trip to Colorado for a little while, they said they had a great time, and wished that they were back.

The 147.12/72 repeater broke down for a few days late last month, but it is back up and running a lot better than it was before. Thanks to Wendell WA5PLW.

That is just about it (for June) from NW Oklahoma.

CU on Field Day! Phil N5QCN



OKlahoma DX Association

COY and ZC4DA...

Last month, we described the tale about field day in Nicosia. That effort just whetted our intrepid DXer's appetite! Coy Day, N5OK, continues his story this month, relating, "I was able to keep the ham radio bug at bay for about 6 months after the 5B4FD experience. When I just couldn't stand it any more, I made contact with some of the British on the Sovereign Bases. I soon befriended Mike Townley, ZC4MT who introduced me to Harry Sankey, ZC4HS. Mike was with the BBC and Harry was with the Royal Signal Corps at the RAF Dhekelia Base near Larnaca. It took awhile but I managed to

get Mike and Harry to form an amateur radio club on the Dhekelia Base. They gave us the call ZC4DA and away we went!

CERTIFICATE No. _____

MR _____

Is a member of the Dhekelia Amateur Radio Club and by accepting this card agrees to follow such rules and regulations as are promulgated by the governing committee.

Date _____

Signed _____ Hon. Sec. _____

TRANSMITTING FACILITIES

YES/NO

Membership expires _____

Here I was again, an opportunity to operate and no equipment. I had brought a National NC-155 receiver with me so that I could at least listen, but it wasn't much. The fact was...it was all we had! We managed to come up with a DX-100 transmitter (guess where--see last's month's article) and Harry managed to get us a club room on the Dhekelia Base which just happened to have a tower outside the back window. (no small feat!) I told Harry that I didn't know how he did it but I was sure glad...Now we had to find something to use for an antenna. One of the boys at the English School told me that there was an old antenna that had been left by an American (before all the political problems) and he thought that he could find it. He did, but it was in very bad shape. Harry and I rebuilt it and put it up one day in the middle of a gale (when else). Obviously it was bolted solid to the tower, pointed directly toward the UK. Again, I didn't complain.

We were on the air! I had to drive 60 miles over back roads to get there but I was able to operate, again! Many contacts were made from that little room, but the 'biggie' was the ARRL CW contest in the Spring of 1970. During January of that year, I mentioned to Harry that we needed a little better setup as far as equipment, so he went to work on it. He came up with an RCA AR-88 (the best I can remember) and then said that he had found us a transmitter. He got it from the British Navy and said that it was an old submarine transmitter. The next Saturday I was to come down and help him move the transmitter. I didn't think that would be too big a chore. When I got there, Harry had a crane lowering the RIG behind the building where we could

swing it through a window! It was a monster...weighed at least two tons! Once we got it into place, it was there to stay. I spent days trying to get the exciter going and just couldn't make it work. We had a monster transmitter using several 813's but she just wouldn't oscillate. I thought about this for a week or so and came up with an idea. Why not treat it like a linear amplifier and drive it with the DX-100? Believe it or not, it worked...marginally, but it worked!

Our signal had a bit of a rasp to it and a little bit of 50 cycle hum. With a straight key and archaic equipment, we put Cyprus back on the DX map that year. We filled several business ledgers full of contacts during the contest. What a blast!"

DHEKELIA - CYPRUS

Z C 4 D A

TO Y5.9AR...CONTINUING OUR 14...HOURS...
ON 11 Dec 69 at 1734 GMT...
YOUR A-1...SOL. EST. 15.3...INPUT 100 WATTS
TX DX-100...RX NC-155...ANT. Dipole...
SEE QSL DIRECT OR VIA RSGB.
DHEKELIA AMATEUR RADIO CLUB C₁

Coy noted on the reverse of this QSL card, "This was a dupe that I hung onto. Notice the unusual layout and spelling. Yup! All my fault as the club secretary, but this happens when you go to a Greek print shop and no one speaks English. They searched a long time just to find the English letters...hi." Coy concluded, "A few months later more incidents on the island caused unrest in the British community and they had to tighten security on the Bases. That ended the Dhekelia Amateur Radio Club. I returned home a few months afterward and wanted to kiss the ground where you have the freedom to operate an amateur radio station without all the hassles..."

And Coy, we were glad to have you back! Thanks again, Coy, for sharing those stories with us. Other OKDXA members are invited to write your editor to share DX experiences that can become part of the monthly column. (It's O.K. to share them with K5JB, too...Hi)

Coy underwent surgery on May 23, 1991 for the removal of a ruptured disk. I am pleased to report that Coy is up and about after his surgery and as of last report he is scheduled to perform on the parallel bars in the 1992 Olympics. We are glad you are bouncing back so quickly, Coy! Coy was so dedicated that he set up his bed next to his operating position so he could work DX and put spots on the DX PacketCluster while he is

on the mend at home... Wow!
Now that is the definition of
a Dxer!

ONCE UPON A TIME IN VISALIA...

For a Dxer, attending the Visalia International DX Convention is like the Dayton Hamvention to the non-Dxer. It is touted as THE convention, attended by anybody WHO is any-body in the World of DX. With that in mind, five intrepid members of OKDXA flew to the Left Coast on Friday, April 16 to see what it was all about.

As soon as we arrived, the organizers began to apologize for the shortage of "non-U.S." Dxers at this years gathering. It seems there was a war going on at the time airline reservations would be considered for this adventure, and a lot of the folks (we wanted to meet) from Europe and Asia were not in attendance. Oh, well...there were enough SIXES to go around. I didn't realize people grew THAT old in the United States; I thought they just got that way eating beets in some distant Russian village... I saw Dxers at Visalia that worked DXCC while Marconi was still teething! Seriously, it was an experience, and I believe it will be worth a future trip to watch all those SIXES win the great door prizes!

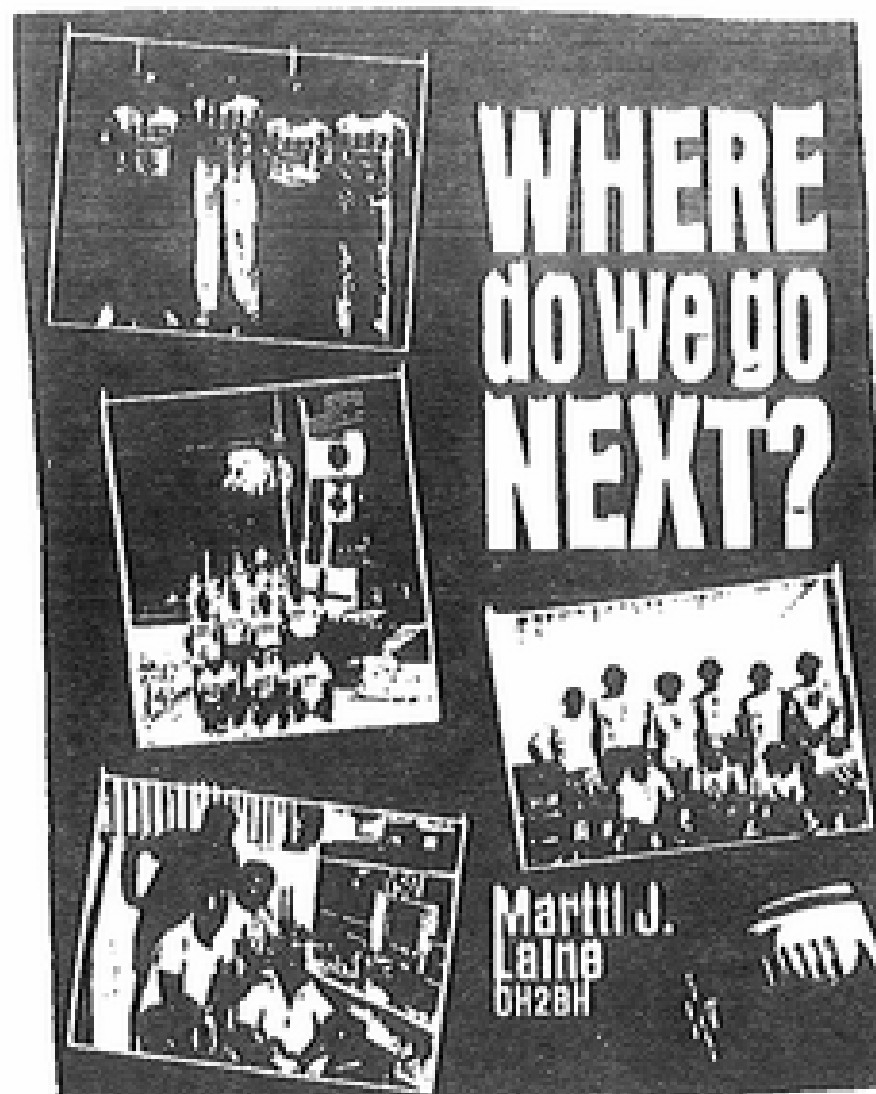
Thank goodness that Martti Laine, OH2BH and Pertti, OH2RF were there to liven up the DX forums...and Oklahoma's own John Beardshear, KB5LRO accompanied us through Visalia and directly enroute to his KH9, Wake Island expedition! John did an excellent job with his presentation of Dxing from Greenland. (John has been awarded an honorary membership in the Oklahoma DX Association for his efforts in bringing positive attention to OK Dxers.)

If you want more delightful details about Visalia, corner of the Oklahoma delegation at the next OKDXA meeting. The folks who attended this year were Craig, WE5I, Jim, WV5S, Gary, N5MIH, John, NJ1V, John, KB5LRO and George, AD1S.

"WHERE DO WE GO NEXT?"
by Martti J. Lane, OH2BH
A book Review

While in Visalia, many people picked up autographed copies of Martti's new book, which chronicles his many DXpeditions over the past 20 years, including the pioneering of several brand new DXCC countries. The book is co-authored by some of Martti's fellow travelers on his expeditions. The different writing styles gives new perspectives on DXpeditioning. It is fast reading, packed with color and black & white photos

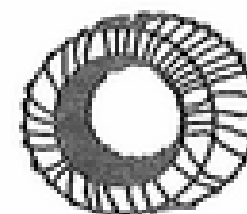
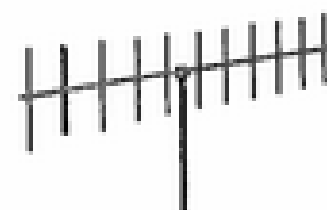
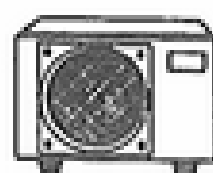
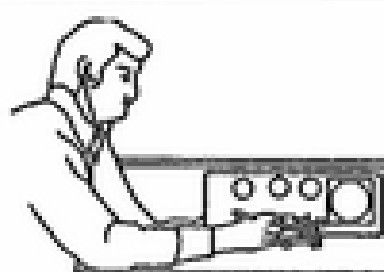
throughout its 306 pages. If you ever dreamed about DXpeditioning, I recommend it highly. If you are chasing the rare ones, this book may give you insight on what the guy at the other end of a pileup is thinking. There are a lot of good pileup tips in the book, with some surprising revelations about "tailending", calling techniques and split operation.



The book can be ordered from most amateur radio magazines or from the publisher, KTE Publications, 2301 Canehill Ave., Long Beach, CA 90815. When this was written, the cost was \$22.95 plus \$3.00 for shipping within the U.S.A.

KB5LRO/KH9 EXPEDITION

OKDXA Member John Beardshear, KB5LRO completed a successful trip to Wake Island in April. John is now stationed in Tampa with the Air Force, and he is expected to activate more Pacific Islands in the future. He was really bitten by the DX bug in his first expedition effort. John was often heard operating from his previous Air Force post near Thule, Greenland. John's card has already been sent to the many deserving who worked him from the military facility on Wake Island.



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VHF Club
NEWS

WSLOW
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Minutes of June Meeting

Meeting was called to order at 12:00 p.m. by President Jack, WB5ZKZ, with 14 members and guests present. Minutes were accepted as published in the C&E. Motion passed that Ellard, W5KE's, Treasurer's report be accepted. Ellard advised that there were 50 current paid-up members. Plans have been started for a watermelon feed August 16 in conjunction with the Aeronautical Center ARC. Jim, K5VRL, has arranged for a place at Bethany Lyon park. Motion passed that we ask the ACARC to arrange for the melons this year. Meeting adjourned at 12:10. Joe, K5JB Sec'y

Minutes of July Meeting

Meeting was called to order at 12:03 p.m. by President Jack, WB5ZKZ, with 21 members and guests present. Minutes were read, for a change, since C&E beat the club meeting date in June. They were accepted as mumbled. Motion passed that Ellard, W5KE's, Treasurer's report be accepted.

Bob, W5HXL, introduced the "Turkey of the Month" award, to be presented at each meeting after an elaborate secret ballot followed by random selection. (See below.) Charlie, WA5JGU, "won" the first award! Congratulations, Charlie! Bob, in keeping with our motto of being the cheapest club in town, engraved Charlie's name on it with his magic marker.

Motion passed that the RACES 145.410 (-600) FM repeater be named the "RACES/VHF Club Repeater". (This was brought up at the suggestion of Ken, K5VFN, who was absent.) Meeting adjourned at 10:20 p.m. Joe, K5JB, Secretary.

Turkey Award

The following announcement was made by Bob, W5HXL:

Once upon a time, in the near dark ages, the local Red Cross, dedicated to serving the community and assisted by the VHF Club, had a "Director of Disasters" (ZKZ) who shall remain anonymous. This "Director" had a sign on the office door, "IT'S DIFFICULT TO

SOAR WITH THE EAGLES WHEN YOU WORK WITH A BUNCH OF TURKEYS". From these humble beginnings, VHF Club members who excelled in disaster communications have been honored thru inductor (sic) into the "Royal Capacitor of Turkeys".

Now hear Ye; to recognize those who have served, the VHF Club at each monthly meeting, by secret ballot, shall identify and give appropriate recognition to the "TURKEY OF THE MONTH". Said honoree shall retain the "VHF TURKEY OF THE MONTH" trophy and proudly display it during his/her month's reign. Bob, W5HXL, Turkey Coordinator

RACES Clarifications

Jack, WB5ZKZ, yielded his "Hambones" column space this month so he could share contents of a letter from the Federal Emergency Management Agency to the Director, Oklahoma Civil Defense Agency. Ken, K5VFN, drafted some questions requesting clarification of certain FCC regulations and received the following responses:

Q. Concerning the amateur radio equipment we already have and new gear we are purchasing for use in City/County/State EOCs as a result of FEMA emphasis in the 1990 and 1991 Comprehensive Cooperative Agreements; does each of these stations need a RACES station license (FCC Form 660)? Or can it be used as a RACES Station if a RACES licensed individual amateur operates the equipment?


A. RACES stations located in State and local government facilities, such as Emergency Operating Centers, do not require station licenses. In fact, the FCC no longer issues RACES station licenses. However, the RACES operator at the station must have an amateur radio operator license issued by the FCC.

A. Does each individual amateur radio operator need another FCC form 660 that specifically states it is a RACES license in addition to his/her original amateur radio license FCC Form 660, or will a card issued by the Civil Defense organization stating this individual is certified/registered member of the CD Races organization be sufficient?

A. A RACES Organization Card issued by a State or local Civil Defense Organization is sufficient. The FCC does not issue RACES licenses supplemental to an amateur Radio Operator's License.

Q. Who can activate full-time RACES nets and under what circumstances? In past years, we have been under the impression that the nets could be activated by local CD Directors, the State CD Director, the Governor if the emergency situation warranted it. However, the latest regulation does not mention anyone other than the President of the U.S. through the FCC. A paragraph of the regulation (Subpart E, Paragraph 97.407(E)) talks about messages being handled during periods of the "Local" Civil Emergencies. From this, it may be inferred that RACES can be activated for local emergencies, but

WATERMELLON
FEED



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BRING YOUR OWN HARDWARE
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nothing "specific" is stated as to who may activate the use of RACES. If/When races nets are officially activated by a local authority (assuming they can), does this constitute the same situation concerning the use of specific frequencies and only RACES members using them as in the situation set forth in Part E, Paragraph 97.407(B) and (1)? Is there still a way to contact the FCC and ask them to clear all but RACES traffic from a selected or several amateur frequencies to be used for the duration of a specific emergency?

A. Governors, State, and Local Civil Defense Directors can activate RACES Organizations when, in their judgment, they deem RACES services necessary for their response to and management of an emergency. RACES frequencies are set aside as set forth in Part E, Paragraph 97.407. It is not necessary or practical to contact the FCC to ask for the clearance of frequencies for use by RACES operators. A RACES operator can sign on the air and state that it is an emergency and that the RACES has been activated, and that non-RACES operators should cease to operate until further notice of RACES sign off.

Q. We have had some members question whether or not it is legal for regular amateur radio messages to be relayed on the RACES training net during the one hour training net each week. Can this type message traffic be passed as "Drill/Test Traffic" on the RACES training nets?

A. Nonemergency messages and traffic can be transmitted during training and drill periods. In fact, care must be taken not to send mock emergency messages during these periods. A listener not aware that the message is not authentic could relay the message outside of the sender's listening area and cause confusion and panic.

Q. Last, although not a question, we would like you to go to bat for us, and RACES programs U.S. wide, and try to get the weekly training time extended by at least one more hour. The one hour per week is hardly sufficient for the existing single side band voice net. We are wanting to establish a RACES RTTY or AMTOR net but believe that the one hour per week time split between HF voice and RTTY/AMTOR, will not be enough time to allow member stations to enter either net and have any meaningful training.

A. On the subject of easing the time restrictions on weekly training, we at

Region VI are working with the American Radio Relay League (ARRL) on this issue and hope to see a change in the FCC Report and Order in the not too distant future.

The letter was dated May 28, 1991 and copies were made available to the VHF club members by Jack, WB5ZKZ.

TCP/IP and etc.

This last month has been a very busy one for me. I have been doing extensive home-brew work on the TCP/IP networking program I run on the MS-DOS and Unix computers. Before I continue, I will follow the advice of my friend, J, KB0QJ, who hates undefined acronyms. TCP stands for Transmission Control Protocol, and IP stands for Internet Protocol. These are two protocols of a larger set that is collectively called TCP/IP. It is basically, a scheme for permitting various types of computer networks to communicate with each other.

There are two programs that enable TCP/IP for amateur packet radio. The older one is called "net". The newer one is called "nos" (new operating system). They both do the same basic things, but nos has additional features, and is bigger -- MUCH bigger. All the development currently under way is on nos.

Initially when I got the current version of net at Dayton, 1989, I brought it home and spent maybe a week fixing some really obvious errors before I started running it. The initial version was called 890421.0. There were a couple of fixes done by others, and the version took on the number 890421.2. I got a copy of some source code worked over by others and it was based on the later code, but it was totally messed up so I never used it. With two exceptions, I kept my changes limited to only those necessary to make it run properly. The first exception was to add ability for non TCP/IP users to read mail and download files. (Ability to post messages was already there.) The second change wasn't a change, but an addition. I got the DRSI Packet Adapter to run under net. I spent very little time messing with the code (program) other than making these two modifications. I simply let it run, and it ran fine.

My home-brew work this month started out with an intensive search for a long recognized bug, that hardly ever showed up, maybe every six months, but was nevertheless there and

needed to be squashed. In the search for the bug, I made several changes, and I think, vastly improved the program.

One thing that irritated me was the large number of compiler warnings that I got when I compiled net. Initially, I tried to check them out to see which ones were benign, but there were so many it was not possible. Since I wanted to be able to compare changes I made with ones others made, I avoided changing things that were not critical. Now, I decided that it was more important to get rid of the warnings that might be masking serious problems than to sustain tracability, so I set out to stop all the serious warnings. Since so many different programmers had worked on net, there were a lot of inconsistencies, and most of them inconsequential, but as I started combing, I solved many nuisance problems.

I won't go into detail here, but those who ran the old net will probably appreciate the fixes, added functions, and surprisingly, smaller size. Many of the changes reduced the executable program size. One change alone reduced it almost 14k bytes. I joked with J, who runs the Unix version on KB0QJ-10, that as I added a feature, I would find something else to change to cut the size more than the new feature increased it. Eventually, the program would be so small we wouldn't be able to find it. His response was that at that point the user would only be limited by his imagination, heh!

Along with changing the program, I decided to change the manual. The original provided in 1989 was prepared by Bdale, N3EUA, and was very good at the time, but so much information has become available since then I had accumulated a real clutter of files on this and that, mostly stuff that tried to make starting a TCP/IP station as easy as possible. My goal was to have all the changes made and the program stabilized and tested by Ham Holiday 1991, in case someone from out of town wanted the update.

The changes are all done, and except for packaging on a couple of disks, are ready for others to explore. You will be reading this after Ham Holiday, so if you are interested in trying TCP/IP, call me and I can get you copies (and an IP address, if you don't have one). I keep the latest updates on my Unix computer, so you can get them over the phone if you make arrangements with me first. Joe, K5JB

The South Canadian Amateur Radio Society

SCARS held their monthly meeting for June at the Norman Red Cross on the 15th. The treasurer reported that about \$1178 was in the account.

The main topic of discussion was Field Day. The site will again be Reeve Park. Several people volunteered to bring the various items necessary. The radios need to be brought from the Red Cross. The antennas that were used for the demonstration at the mall will be used. Arrangements were made for essential stuff like the coffee and doughnuts on Saturday morning and the cook out on Saturday evening. A vote was taken that the club would furnish the buns and condiments for the cook out. KB5ABS said he would bring some bug lights (or did he say Bud Lites?).

N18W discussed the problems we have had in previous years with the log sheets. He stressed that everyone be careful to copy the location information exactly as given by the other station so the proper log entry could be counted.

There was discussion again about a Novice class but no one would volunteer to coordinate it so no class has been scheduled. N18W says he has the complete lesson plan on his computer and will help anyone set up the class if a coordinator can be found.

KB5ABS reported that everything looked good for Ham Holiday this year. He will still need some help with the Flea Market operation.

Following MUCH more discussion about Field Day the meeting Adjourned at 10:30.

The July meeting of SCARS was held on the 12th of July at Grandy's in Norman. The meeting place had to be changed because the Red Cross cancelled our reservation for the meeting room at the Red Cross building so they could run a class. The class was cancelled and no one used the building that day but SCARS was not notified.

The treasurer reported that we had about \$1000 in the account and no bills are outstanding.

Field Day was washed out by a severe thunderstorm that passed through the area in mid afternoon. On one was hurt and the only damage was a bent antenna mast owned by KB5ABS. The club voted to replace the mast.

A question from the floor asked if the Red Cross station antenna was working. It was reported that the newly rebuilt antenna is working fine and the rotator is also working fine.

Again, there was discussion about starting a Novice class but No one was interested.

Due to the continuing problem scheduling the Red Cross meeting room several members had suggestions about other possible locations. President NSIUA will check again with the Red Cross director to see what can be done about a firm schedule.

CIMARRON

"Work keeps us from three great evils...boredom, vice and need!" A man named Voltaire gave birth to this profundity. Surely he did not have in mind the writing of a column for C&E, when news is as scarce as it is today.

Tornados and near misses, hail and watery harvests, have become commonplace. The war is over and the last...or next to last hurrah...the last yellow ribbon has been given to a very fortunate military force.

Politics are again nasty and vindictive. So what else is new?

Well...CARA had their regular monthly meeting June 13th! Eight of the FAITHFUL were there and our most excellent President, Curt NSRHO chaired the meeting. No business was transacted but several pertinent discussions were held.

The first was Field Day, and we expect a good turnout.

The second topic was Leo reporting that his Novice class was suspended for the summer.

Three new Novices successfully earned their ticket. Melody Briggs, Morgan Briggs and Edith Medley were the early birds. Morgan is especially to be congratulated as she is a very bright nine year old. Melody has also upgraded to Tech at this writing. The Briggs are a live wire Ham family for sure.

The meeting then turned philosophical and much was said concerning the changing Amateur Radio scene. Apparently the no-code license is destined to become popular and it is only to be hoped that we amateurs can inspire those to change their minds and upgrade into the mainstream.

Several people have been lined up to help run the Flea Market at Ham Holiday. Everything else was reported to be going well.

When the call for new business was made a motion was made by N5KUK that the repeater autopatch system be closed and be accessible to club members only. In the discussion that followed several instances of serious abuse of the autopatch were described by members, some involving calls to the local police department. The members voted to close the autopatch system. Non-members may still make calls but the call must be initiated by a club member who has the proper access code to the patch. N5KUK will reprogram the controller to require new access codes.

The technical committee reported that the repeater was running well. The in-town receiver project is progressing now with the hold up being the control circuitry.

There being no more business, the meeting adjourned about 10:30.
de Ken, N5KUK

Along with Curt, Teart N5MLT, Jack NN5Z, Betty KA5RTW, Ruth WX5Y, Denny WK5V, Nadine N5FMH, Leo WZ5H and Ray AB5Z were present.

Thursday, July eleventh, was not the most auspicious meeting CARA has ever had! Alvin and Olive...where were you? And where were you Ernie, Randy, Robert, Steve, Norman, Bill and Helen? OK...Leo was working the gate at the lake...OK, Ray, you were on vacation...but Curt...where were you?

Exactly seven members only punched in for the July meeting, not enough for a quorum so the next Novice class was not discussed, nor was the next VE effort worked out.

The Field day was reviewed and pronounced a mild success. Thirty two Hams and interested bystanders managed to consume major amounts of burgers, ice cream and coffee by the gallons, and as a by-product 1338 points garnered from three positions, including one fairly short CW position, that yielded double points. (We must recruit another CW freak..NN5Z is not going to last forever)!

Members and guests who made the Field day a success include: John Medley KB5NBQ and XYL Edith KB5PXJ, Ruth Simpson WX5Y, Terry McColl N5MLT, Steve Schoonmaker KF5SW, Ray Barnes AB5Z and XYL Sue, Jack Day NN5Z and XYL Betty KA5RTW, Tommy Adams N5NOP and his family Susan, Sunny and Leigh, Stanley and Aleta Oakes, Heather and Justin, Dennis Painton WK5V and his XYL Nadine N5FMH, Curt Briggs NSRHO and his family Melody KB5PXT, Morgan KB5PXI, Kelcie and Audrey, Joel and Dian Chambers, Steve Smith N5JFG, Tim and Laurie Kinzie, plus a visiting Ham from Guymon and his son, whose call I failed to get. SRI OM!!!!

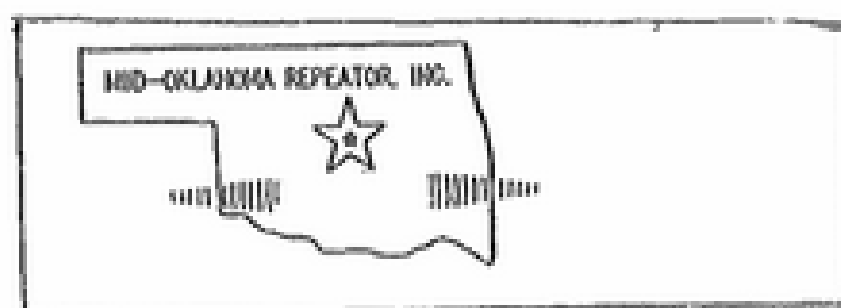
Oh yes...not to forget our main man Doug Wheeler N5QHB, who not only furnished his RV but stayed the night and did yeoman duty at the mike.

Terry reported working quite a bit of two meter side band with some success...working Wafts in Raleigh NC, as well as several other hard to work stations with his 25 watts!

The Media reporter working the Field Day gave Morgan Briggs, our nine year old Novice a good write up together with a picture in our local paper. CARA is luck to have not only the young and eager but also Ruth Simpson WX5Y who passed her 20 WPM code test and received her EXTRA class ticket at the age of 78. That was several years ago and she is still going strong.

All right...the faithful few who did attend the July meeting was: John Medley KB5NBQ, Terry N5MLT, Jack NN5Z, Betty KA5RTW, Ruth WX5Y, Denny WK5V, Nadine N5FMH, and ZERO5ZIP!!!!

The August Meeting is August the eighth. Let's try to make it!!! In short...Be there or BE SQUARE!!! 73 NN5Z



To bring you up to date...

If you are not regularly attending meetings, you may have missed Linda KA5N-AV's resignation as longtime club Secretary/Treasurer. Our new Secretary is Robert N5QIK. Toy N5OHK has taken over the Treasurer's job.

Linda with her husband Bob KA5ETA deserve a lot of credit for helping MORI get where it is today. When they were elected to office (Bob is a former club president), MORI was hurting, both financially and in participation. Together they kept the club going, and even expanded operations to include a Novice band VHF repeater and repeater links to the northeastern part of the state.

Linda and Bob got rid of the red ink, and were able to bring MORI back into the CORA fold. Our thanks to both of them, and the best of luck down the road. Technical Stuff...

We like to think that our 67/67 machine is one of the best around, and a lot of credit goes to the technical committee for keeping it going. But, like a computer, it works on the principle of Garbage In - Garbage Out.

Most of us use handi talkies almost exclusively, and use the rubber duckie antenna that came with them. After all, if it wasn't any good, why would a manufacturer include it with the rig?

Remember your antenna theory? The part about the length of a quarter-wave? It said a quarterwavelength of 146 MHz is about 1.6 feet. How can a rubber stick only six or eight inches long compare? Why do you think they call it a "rubber dummy load"?

As an antenna "shrinks" in size, its radiation resistance also decreases, it becomes capacitive, so inductive reactance must be added to bring it to resonance, and the added reactance increases the total resistance. Consequently, the antenna's efficiency is not as good as it could be, and neither is your signal. And you'll probably hear, "You're just not making the repeater, old man."

There are several better alternatives on the market. One that looks like a telescoping car antenna with a loading coil is pretty good--it collapses to act just as good as a rubber duckie(?), but extends to a full 1/4 or 5/8 wave vertical when

you need the greater efficiency.

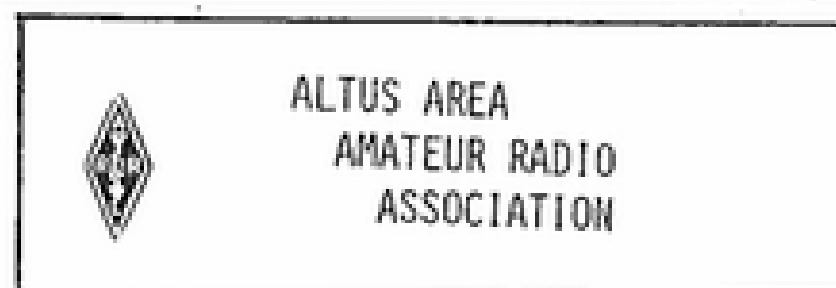
You can, of course, make your own 1/4 wave antenna. Just stuff 19 1/4" of wire into a BBC connector and you have it. Use brass brazing rod for a fairly rigid antenna, or use something like .039" music wire (from your hardware store), for a more flexible design (you can coil it up to fit your pocket, yet it will spring back to shape for use).

Most of us already know that you can't really use a rubber dummy load from inside a car. (You can, but getting a 2 meter (6.5 foot) signal out of the window takes some doing). Your best bet is to use an external antenna--even if it's your rubber duckie.

The 12th edition of ARRL's "Hints & Kinks" shows one way to build your own magnetic rubber duckie mount from a CBers magnetic Microphone holder (Radio Shack 21-1130), and a UG 1094 (RS 278-105 BBC socket).

Your best bet for a "real" mobile VHF antenna, at least here in Oklahoma, is a 5/8 wavelength vertical--it puts more of your signal into the horizontal plane than does a 1/4 wave whip. (If you drive a lot of hilly roads, then the 1/4 wave might work better for you).

With our radios packed with more and more exotic ICs and hybrid circuits, it's difficult to think about modifying and improving them. You CAN improve your signal just by improving the way you put it into the air! de KD5DL



AAARA met 9 May 1991, 7:30 pm at the North Main Fire Station, Civil Defense Offices.

Lori Trump, Altus Red Cross Coordinator briefed us on opportunities available to participate in the Red Cross Disaster Preparedness program. She presented the video "The Red Cross Is Ready --When The Time Comes". A current list of amateurs in the Altus Area was updated, and will be given to her to use in obtaining volunteers for the program.

After a review of the usage rates of the ARRL Study Material at the city library, we decided to replace the Novice, Technician, General license study guides, and the FCC Rule Book and present them to the Altus Public Library upon receipt.



Congratulations to all who worked the 4th of July parade in Edmond. It was a great success and we have been invited to do it again next year.

Field Day was held at Oak Cliff again this year, and everybody that was there had lots of fun and made lots of contacts.

By the time this hits your door, Ham Holiday will be over. Hope you found what you wanted there, as there was something for everybody.

Joel KB5FCF is in Mississippi going to an Air Force school and will be on 7260 +/- 10 kHz Friday and Saturday nights between 5 & 6 pm, our time. Tune in and keep him up to date on the news from home.

CONGRATULATIONS
CONGRATULATIONS
CONGRATULATIONS

go to Jamie Guinn KA5WPK for receiving the EARS and CORA scholarships.

Mark your calendars for August 17. EARS will have a pot luck "you bring the pot, we'll furnish the luck", dinner at Stevenson Park at 5th & Boulevard in Edmond starting at 6 pm. We will be in the North pavilion until dark.

Don't forget that classes are starting in September at St. John the Baptist Catholic Church in Edmond. A tentative date to start is Sept. 22nd. That's appropriate because that's when Fall starts.

Well, that about wraps things up here. Hope your summer is going well. See you at the picnic. de Mike KB5HXT

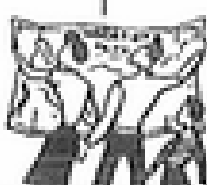

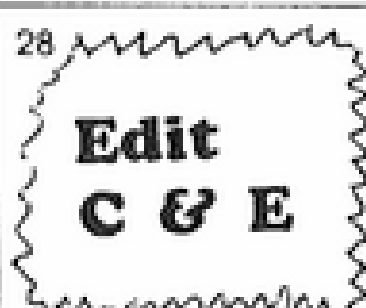
On July 20 at Altus, North Main Fire Station, downstairs, 12:30 noon, an ARRL/VE test session was conducted. Attending was one person from Wichita Falls, one from Duncan, three from Lawton, one from Childress together with locals for a total of nine persons. The success rate was good.

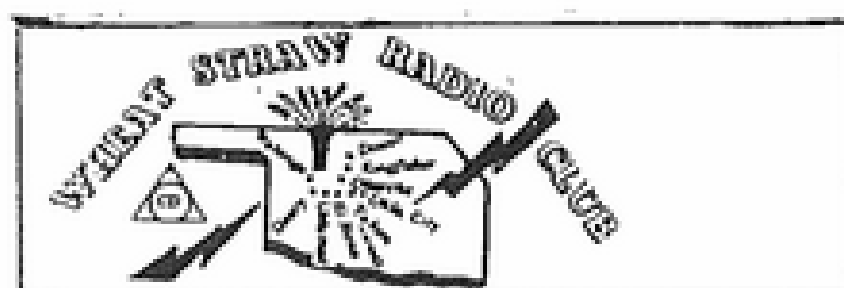
The next test session at Altus is scheduled for Saturday, October 12, which is the normal schedule of being "THE SECOND SATURDAY OF EACH QUARTER". The July date was changed due to a vacation conflict.

The Altus tests are conducted at the noon hour in order for interested persons to travel a considerable distance, take tests and still get home at a reasonable hour.

Remember our regular Ham Club meetings on the second Thursday of each month at Altus: visitors are always welcome. Bring your prospective amateurs.

73 Joe W5CCV

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
AUGUST 				1 AERONAUTICAL	2	3
4 GREAT PLAINS	5	6 MORI	7	8 ALTUS CIMMARON	9	10 SCARS COCO
11 WHEATSTRAW	12 EDMOND CLUB	13 76'ERS OKLA UNIV	14	15 KAY	16 EARS	17 VHF
18	19	20 AUTOPATCH	21	22	23	24
25	26	27 CORA CORA CORA	28 	29	30	31



Our editor was sick for some time. With last issue having no club news we will try to catch up. First we all hope that Joe WA5ZNF is all the way back to par.

The June meeting was held at the Watonga State Bank community room. Bobby Wanzler had the program for us. Being on short time our president let him perform before the meeting. Bobby is 13 years old and does magic shows. Started at age 11. Bobby watched David Copperfield on television and it got him interested. One day Bobby asked his mother to take him to see David perform in Oklahoma City. She did. Since then David is Bobby's idol. Bobby has made in the upper teens of shows for schools, the cheese fest here in Watonga, and I think he will be back in November. He lives with his mother and little brother Datoka at 209 S County Line in Geary. Phone 884-2093.

I was hoping W5MGZ Perry would be at the meeting, but he had gone to California to visit a sick relative. I had it set up for Bobby to say "I understand there is a young fellow here who wishes to learn magic, by the name of Perry Jones". Asking Perry to come up and

be his helper. While Perry was in California he put on a magic show out there.

It was announced Verlana and Ray Selby is having their 50th anniversary, July 20 from 2 to 4 pm. We did manage to get the announcement in last months C&E. Congratulations go to Verlana for putting up with young Ray for so long. Ah! Congratulations to you too Ray.

Field Day came and went, no scoring, but everyone had a good time. Big Ed came out and with his famous seasoning recipe cooked hamburgers again for the club. A real good hamburger fry with lots of fellowship. It was in the park at Okarche.

May 21 the Guthrie Daily Leader featured a simulated rescue. It was a simulated wreck between a train and a truck loaded with hazardous materials. The story was written by Donna Callison. The Fire Department, Crescent Police Dept., Medical Center Personnel and a firm under contract to the state were all involved. Everyone carried out their duties as though it really happened. The story was well covered by the daily with photographs making it complete.

All amateurs, when they have time,, should monitor these exercises. Tape them if you can, then use them for study guides.

This brings us to another thought. I wish we all had the interest and ambition Carl WA7AZO, Alice WA5UEW and Stu K5DSR has. They have all gotten fired up -- and

upgraded. My best calculations are, Stu was licensed about 1958, Alice about 1968 and Carl about 1965. Recently Carl and Stu have reached the goal of EXTRA Class. Alice has now reached Advanced Class and said "I am not going to stop now". Congratulations to all of you.

The July meeting was held in Okarche at the bank there. Other than committee reports not much took place. But as usual plenty of fellowship and worlds of refreshments. Every thing was home made and the Wheatstraw Club has the best cooks in the state, no brag, just a simple fact.

Back from Ray and Verlana's Fiftieth Wedding Anniversary, there was a good crowd, and a program by their children and grandchildren. The kids played the violin, sang the daughter gave a brief biography from the time they met until after marriage.

WA5PFK Ralph

Professor: The man in this illustration limps because one of his legs is shorter than the other. Jones, what would you do in such a case?

Jones: Well, professor, I imagine I would limp too.

Mike: What did you think of the Duchess?

Ike: She was very charming. And so was her husband, the Dutch.