

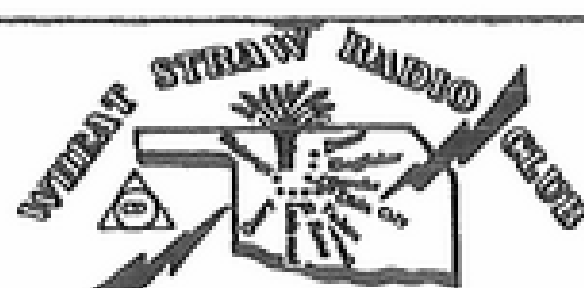
VOLUME 16
MAY 1990
NUMBER 183

CENTRAL OKLAHOMA RADIO AMATEURS
COLLECTOR AND EMITTER



50¢

SECOND CLASS MAIL
POSTMASTER: SEE PAGE 2



Congratulations go to N5IXN Olive at Canton. She has upgraded to the Extra Class.

For the April meeting the club had voted to caravan to the Eye Ball QSO at Mooreland. Seventeen of us left McBee's Steak House at eight thirty. Every one enjoyed the trip going up, and the day up there. A good home cooked dinner was enjoyed by all at twelve o'clock.

Our regular monthly meeting took place on the road to Mooreland. N5JWK Leroy, Vice President, conducted his first Wheatstraw meeting in the absence of the president. A good job well done Leroy. During the trip the group voted to have the next meeting in May at Red Rock Canyon at Hinton OK. It will be a covered dish picnic lunch served at one thirty. Meeting at two thirty. Everyone is welcome, please bring your own place settings. We had better bring some lawn chairs too for the meeting and fellowship after the meeting. Above all mark your calendar for the THIRD Sunday in May since the second Sunday is Mothers Day. See you at the meeting on the THIRD Sunday, exact location is unknown at this time. When you get down in the canyon give a hollar for the Wheatstraw on 146.52 on simplex.

When we reached Mooreland there were a few club members already there for the day. Several went up on Saturday due to other obligations on Sunday. There were two new dealers there also. Lots of used gear.

Roger Beckloff of Oakwood recently received his General Class call, N5QDR. Congratulations Roger. He is the son of Mr. & Mrs. George Beckloff. A nephew of Kenneth KC5MY who is a missionary in Africa.

The Wilders were visited through the Easter week end by WA5RPP Sam and his lovely wife Paula N5IAA, from Presque Isle MA. We were so happy to see them, knowing Sam all of his life. Paula is involved in her painting and doing very well. Their daughters are 12 and 14 years old and in school. They lived at Norman for a few years before moving to Maine. Sam was active with the SCARS Club, was the reporter for some time. Sam is a pharmacist at the Aroostook Medical Center. I asked him about the scenery of New England. He said we have it all right here. We wish them the very best, they are a lovely family.

OF INTEREST TO THE COOKS

Dump Desert, by WA5RLP

Use a large cassarole dish 9 x 13 inch. Put in 2 cans (21 oz) of cherry pie filling. 1 can (20 oz) crushed pineapple. Mix and spread. Pour a dry yellow or white cake mix over pie filling. Cut 1/4 lb butter into small pieces and arrange over the top. Sprinkle one cup of chopped nuts over that. Bake at 350 degrees. Let cool a little, then call us guys.

R A Y M O N D

The Wheatstraw Radio Club has two members named Raymond. Old Ray and young Ray. They are like identical twins, it's so hard to tell them apart. K5LLX Ray is a charter member. In early years he owned and operated a radio shop in Alma AR. That is just over the line near Van Buren. He wasn't over there where you run out and get a squirrel or rabbit for dinner. He did learn though why Noah did not gamble. He sat on the deck.

Ray met Verlana Weaver on a Sunday evening at the Epworth League of the Methodist Church. Ry was the lesson leader that night. After the services were over Ray walked Verlana home. That was when the courtship began.

In March 1941 Ray was drafted into the Army and was stationed with the Infantry at Fort Sill. From there he was

sent to Camp Bowie TX. From there to Ft. Hood where he was with the Tank Destroyers. Ray and Verlana got married July 20th 1941. From Texas Ray went to Camp Peckett VA, then to Ft. Dix. In October of 1943 Ray sailed from New York for the European theatre, serving in Scotland and England.

Landing in France on Omaha Beach, D plus 4. He went through Belgium, Holland and ended up in the Signal Corps at Gina Germany. When WW II was over Ray returned home to Kingfisher, October 30 1945.

Verlana moved from camp to camp with Ray until he went overseas. Rays pay was \$39.00 a month when Verlana went to him. They only had the necessary things. Verlana said they had a good time moving around and met some wonderful friends. When Ray went overseas Verlana came back to Kingfisher to live with her parents. While Ray was in England their son David was born.

In December 1945 Selby's Radio was established. New radios and parts were hard to get. Business was rough in those days. In 1946 they became the parents of a beautiful daughter they named Martha Jane. In 1949 things were changing, adding television, making the business Selby Radio & Television. That year their son Steven was born. In 1954 Verelna began working full time doing the office work.

The children started working in the store at an early age, worked until they went to college. Ray is still working on the old dogs with no plans to quit. Verlana has retired although they stil belong and work in the Methodist Church. Ray was licensed in 1958. K5LLX enjoys his ham radio along with gardening and traveling as his hobbies.

The sons are married to wonderful wives and have given their parents five grandchildren. The Selbys say life is very precious and are

Continued on Next Page

The South Canadian Amateur Radio Society



SCARS met on the 14th of April at the Norman Red Cross. The meeting was called to order by Ken, KA5EFJ at about 9:35. We had a good turn-out this month with at least 28 people present. Ken, N5BEW announced that there was about \$1431 in the account and \$230 in the repeater upgrade fund. Some dues for the year are still coming in. Secretary Ken, N5KUK stated that the minutes of the March meeting were published in C&E.

We had a visitor at the meeting from the Dayton Ohio area. KF5EX was providing some local information to several members who were planning to attend the big hamfest there later this month.

N18W attended the meeting and reminded the membership that volunteers were needed for the big 89er bicycle races to be held the weekend of the 21st and 22nd of this month. Same courses as the Olympic Festival.

The Mini Baja is being held this weekend (April 14th). SCARS was not requested to provide any communications assistance for the event this year.

The HF beam at the Red Cross is causing problems again. It seems that the boom plate that holds the boom to the mast has some cracks that prevent it from being tightened securely on the mast. This allows it to slip down and bind on the thrust bearing at the top of the tower. We are trying to get some assistance from N5HZR to rearrange the HF antenna and relocate the Red Cross antenna for better coverage.

Our CORA representative announced that two of the dealers thought to be attending Ham Holiday this year have pulled out. They were not big radio equipment dealers but were selling mostly computer stuff. HH will be host to the state convention this year. N5IUA will be needing help with non technical programs and KB5ABS will be needing help with setup for the flea market.

Much discussion took place about abuse of the repeater autopatch. In one instance a non club member was heard using foul language on the patch and another non club member has been using it for what appears to be business purposes. The problems have been discussed with the first individual and that problem may have been cleared. It was decided to notify the second individual and send a copy of the

thankful for His many blessings. May the joy of life be with you for many years.

MEMORIAL DAY

Memorial Day will be here before the next edition of the C&E. I feel we should all take time out, attend some kind of services in memory of our country, Veterans, relatives and friends, those living and dead. KA5WHJ Harold, a small crew, and myself have been working on an American League Post 125 project. We are installing a curb, iron fence, sidewalk, flag pole, and white rock at the late T. B. Ferguson family grave plot. We are trying to finish in time for Memorial Day.

The American Legion jointly with Disabled American Veterans are having Memorial services Memorial Day at eleven o'clock sharp. It will be held a mile east of the east corner of Watonga then north 1/2 mile. The services will not last over 30 minutes. Come as you are, bring a lawn chair if you wish. If you are just passing by we welcome everyone to stop. Try to attend a service somewhere.

WA5PFK Ralph

REMEMBERING JIM

Jim Timberlake, KB5BYF or "bring your friends" as Jim would often would give his call sign on the air, became a silent key last week. As I sit here and think about the three years or so I had the opportunity to know Jim, I realize how much I admire his courage, dedication, and most of all his enthusiasm. While getting a ham license is not particularly easy for most of us, most of us will never know the frustration of studying with a large magnifying glass to read one word at a time on the page or living our life around four-hour sessions with a dialysis machine every other day. Jim accepted these and other physical problems and never let them stop him or dampen his enthusiasm. Having worked with a lot of students in the past few years, I've heard just about ever one say at one time or other: "I don't think I can do this," and unfortunately some of them give up. Not only did Jim not give in to the overwhelming odds, I never once heard him complain of his hardships!!

I, for one, will remember Jim often-- and if life ever deals me a hand like it did Jim, I hope I can have some of his courage, enthusiasm for life, and sense of humor--for it is very rare. --73--

N5HIP

HAM HOLIDAY-STATE ARRL CONVENTION AUGUST 3, 4 & 5 REGISTER TODAY

section of the FCC rules that apply to the situation. The club decided that for the time being the autopatch would not be closed.

Field day activities need to be planned at the next meeting and a coordinator needs to be selected.

Green Country hamfest will be the weekend of May 18-20th.

The repeater is on low power this weekend. The most likely problem is a blown excite. We will check it out on Monday when we can get access to the repeater site. (Editors note: upon investigation it was discovered that the transmitter was putting out less than one watt, A LOT LESS.)

The meeting adjourned at about 10:00.
Ken, N5KUK

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RUBBER STAMPS
QSL CARDS !

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 Mike Morgan, N5LPZ 765-9539 VP Marsh Pronneke, WA5UBO 363-2526 S/T Mark Byard, N5OGP 762-1966 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 Tuesday, WXSY, 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 Esadooh, N5BEW 329-4667 Editor Ken Brown, N5KUK
4	OK CITY AUTOPATCH Meets: 7:30 pm, Third Tuesday, Salvation Army, NW 50 & Penn PR Robert Shaw, WA5BQX 341-4763 VP Jim Bartlett, KA5PSF 359-1299 SE Leonard Hanstein, W5MEL 789-7201 TR Larry Davis, KF5JN 722-4564 Editor Chuck Wilhite, K5NK 721-4926	16	EDMOND AR CLUB Meets: 7:00 pm, Second Monday, See Club Section For Location & Type 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 Willis Ridings, N5OO 689-2291
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 767-6260 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 681-5250 VP Patrick Roberts 681-5250 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		

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 table.

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.

H A M H O L I D A Y AND OKLAHOMA ARRL CONVENTION COMING SOON

LOOK FOR YOUR
PRE-REGISTRATION
FORM
AND
FILL IT OUT

AUGUST 3, 4, 5

CORA Collector & Emitter (USPS 116-150) is published monthly by CORA, INC, 1020 Arthur Dr. Midwest City OK 73110. Second Class Postage paid at Okla City OK. Sub: Cora Member \$4.20, Paid subscription: \$7.00 per year.

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CIMARRON

THE BIG SIGNAL
OKLAHOMA CITY AUTOPATCH
ASSOCIATION, INC.



Cara met together for their regular monthly meeting April twelfth. Since ye Ed was called elsewhere for the evening...notes are through the courtesy of Betty KA5RTW. Thank you, Betty!

The meeting was called to order by President Leo Peil WZ5H, and after the minutes of our March meeting was read by Secretary Dennis Painton WK5V, and the Treasurers report given by Nadine Painton N5FMH...several items of interest were discussed.

ITEM NO. 1...Leos' Novice class. Details on this was somewhat sketchy but it appears that Leo is doing well, with at least three adults, and several youngsters hard at work on code practise. The class is held in Canton and anyone wishing to attend this class is welcome. Leos' home phone is 886-2998, Canton, Ok..

ITEM NO. 2...Our chairman of activities, Robert Baker N5MPH, suggested that the tower repair project be combined with a picnic. It was a popular idea, and it was decided to set the date, May 5 as the day, with May 12 as the rain check day. The tower, set on a trailer, is too unwieldy and probably needs to be shortened and braced. It is hoped that this work day will be well attended. Bring the tool box!

The Club will furnish the meat, and buns,...each member bring condiments and covered dishes. Work will begin after lunch at the Painton home, with supper on the grounds.

ITEM NO. 3...Jack Kelly N5LBN, Fairviews Civil Defense Director, brought several video cassettes of violent weather here in the U.S.! No one who has ever witnessed the disastrous consequences of tornados, can ever feel completely easy during the spring season. Ham radio operators should be prepared to help out in emergency situations. Jack is to be commended for his efforts in this direction.

Club members attending the session were: Ruth Simpson WX5Y, Leo Peil WZ5H, Robert Baker N5MPH, Ray Barnes AB5Z, Dennis Painton WK5V, Terry McCOLL N5MLT, Steve Schoonmaker KP5SW, Vern Brewer KA5SZD, Jack Kelly N5LBN, Nadine Painton N5FMH, Betty Day KA5RTW. A guest was Curtis Briggs who is attending the Novice class!

It was good to visit the Mooreland Eye-ball QSO. I saw Dennis and Nadine there, Lee Rogers W5HGH from Buffalo, Marvin White K5HQP from Midwest City, Brand new Extra Class Jerry Greathouse AA5QW, Leo and Ray,

The meeting was called to order by our Club Vice President, Jim Bartlett, KA5PSF. The meeting was held in the Salvation Army Headquarters, NW 50 & Penn. in Oklahoma City. The Treasurers report and the Secretarys minutes were approved as read.

A motion was made and seconded to have Hank, WA5JRH, check into the purchase of backup mobile transmitters/receivers for both of the club repeaters.

Jim, N5MSX, has agreed to provide backup EPROMs for the club controllers.

Jerry, WR5G, will check into a software program to boot up the controller.

A motion was made and seconded to have a work party at the repeater site on April 28 1990. The repeater shack should have a new roof and new paint by the time you read this article.

Mac, K2GKK, says work is progressing on the re programming of the ACC controller for the 22/82 machine, and should be back on the air by the first of May.

Leonard, W5MEL

KB5CDF Steven, had a conversation with W5CEP Carl, in Tulsa. They were both surprised when Carl stated that he was one of the seven members who installed the first MORI repeater. He stated that they installed it when many thought repeaters were a fad that wouldn't last.

To his recollection, the MORI repeater was erected approximately, September 1967. The seven members met at the Tinker Diagonal in the Apollo Building for their first meeting. The first repeater was 146.34/.94 and was located on a tower half way between Oklahoma City and Norman. The second repeater was 146.07/.67 and was located on the WKY-TV tower in 1970.

Any comments to the accuracy of this history of the MORI repeater or any other additions or comments may be addressed at the next business meeting.

Toni KB5KYQ

D O N ' T F O R G E T !!

PRE-REGISTER NOW FOR

HAM HOLIDAY

STATE ARRL CONVENTION

and a host of others. I was looking for a heavy-duty dummy load but came up empty handed. I did buy a 1990 call book from our new Ok. Comm. Center. We need to encourage Glen Bishop, WN5J any way we can!

By the way, if anyone has an instruction book on the Dentron GLA1000B amplifier or a copy thereof, I would like to acquire it! Call 405 227-3462 collect.

Well, it looks like this is it for this edition. CARA will meet again June 14, 7:30 PM, at the WX5Y Playhouse. Be there or be square!!!!

73's Jack NN5Z

N5NOP: You are seven payments behind on your piano. Do you have an explanation?

AD1S: Yes. I bought it on the "Pay As You Play" plan.

N5NOP: What's that got to do with it?

AD1S: I play very poorly.

==

N5DLM: What do you think of that salmon?

K6SC0: That's not salmon, that's cod. It's just blushing at the price they're asking for it

CORA HAM HOLIDAY '90
OKLAHOMA STATE CONVENTION
AUGUST 3-5, 1990

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

Programs begin on Friday evening and continue through Sunday morning. VE testing will be conducted on Saturday & Sunday, so come ready to upgrade. We will have our public access demonstration room featuring the latest technology in Amateur Radio, as well as the old favorites. Also, child care will be available at Ham Holiday. To reserve a Place for your youngster, since space is limited, contact Dorinda Skaggs, 799-5363, by July 15, 1990. As usual, the ladies will have a fabulous program. In addition to technical and non-technical programs, there will be the yearly meetings of the various organizations common to Amateur Radio — Packet, MARS, Oklahoma Repeater Society, Inc. Sunday Morning Worship will be sponsored by the Oklahoma Baptist Hams. Again this year some of the largest dealers in the Southwest will be at HH90. The Flea Market will again be upstairs in the BIG convention area. Plan now to be ready to buy that rig or antenna that you've always "needed". Informal breakfast Saturday and Sunday mornings. Lunch/Sandwich Bar on Saturday. Talk-in is on 147.03 + and 444.20 + (PL is 141.3).

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VHF Club NEWS

W5LOW
*The Elmer Gorkler Memorial
Station*

Minutes of Club Meeting

Meeting was called to order at 12:10 p.m. by President Jack, WB5ZKZ, with 17 members present. The turnout was low because of the Lawton swap fest. Fred, W5NL, provided the Treasurer's report for Ellard, W5KE. Fred also report on Steve, W5VCJ's condition. He is doing better but is having to go through a period of rehabilitation. Steve, we are all praying for you.

Charlie reported that General Electric Electronic Services is providing service on Kenwood and Yaesu amateur equipment. He later called me and provided details - see below.

Meeting adjourned at 12:19 and Jack, WB5ZKZ, proceeded in a big production to award the first Bald Eagle Award. He selected Bob, W5HXL, to open the sealed envelope and make the award. The award was based on the one who:

1. Organized and supervised more antenna parties.
2. Repaired more antenna rotors
3. Serviced and repaired more field day generators
4. Repaired more Drake TR-3s and TR-4s, and
5. Handled more emergency traffic than any other club member.

The award was presented to (drum roll) Charlie, WA5JGU! (It consisted of a bumper plaque that read, "Mechanically Inclined - I screw everything up")

After that ceremony, Bob, W5HXL, pulled out his ditty bag and showed a collection of goodies he uses to enhance his operation with a handy-talkie. He also showed his portable vertical and 5 element beam handy work, both for 2M operation. We enjoyed the technical presentation, Bob! Joe, K5JB, Secretary

Service for Kenwoods and Yaesus

Charlie, WA5JGU, received notice that General Electric Electronic Services (GEES) now handles service on Kenwood and Yaesu amateur radio equipment and most of the main lines of test equipment. For information on detail repair costs, contact Gary Frisch, WJ9G, at GEES, 1062 Tower Lane, Bensonville, IL 60106 Telephone

numbers are 708-595-4343 (voice) and 708-595-3675 (fax). Joe, K5JB

Frantic Antics

For the last few weeks I have been frantically working on the Apple Packet Bulletin Board (PBBS) program to get it forwarding mail properly and cleaned up a bit. Hoss, WA5ZAI, my host in Mount Vernon, VA, got me started on it when I last visited him. We kludged it together while I was there but I created a nightmare to maintain so as soon as I got home I started revising things to clean it up. In the process, I added some intelligence to the thing - the ability to match the protocol of a BBS that might possibly attempt forwarding to it. All this has been done in such a hurry because I wanted some stable, tested code available to give away at Dayton.

Because of the haste, I am sure I have not thought of all the different protocol problems I might run into. It will just take a period of test. I don't do forwarding with mine, except to the CBBS which is linked to the rest of the world. (My Apple PBBS is on 146.415 and has no routes out of it's cave.)

Along with revising the program itself, there was documenting it. Running a forwarding BBS is not trivial and I spent nearly as much time updating the notes as I did revising the code. The documentation is about 84 thousand characters long now!

This bulletin board design started sometime in 1985, I think, by Tony, K2NV, and passed to me by Sandy, WB5RRR, when we could count the number of packet operators in Oklahoma on one hand. I revised it so Stan, N5JFQ, could run it on his Apple 2c and it has been around ever since. It was distinguished by its fault tolerance. You could post a message on it using just about any command format you could think of and it would do it without asking you what the heck you were doing. With the addition of automatic forwarding the PBBS takes on a new complexion and I suspect there may be more interest in it.

(My favorite advice regarding computer programs is to select the program that does what you want and then select the hardware. Hardware is cheap, compared to software. Fortunately in amateur radio, there is some excellent bulletin board software for the MS-DOS, Radio Shack, Commodore, etc. computers. As far

as I know, my PBBS is the only BBS software for an Apple 2 series.)

Because of my haste and compulsion to get the PBBS brought up to date, I have kind of neglected my other activities, like TCP/IP. Steve, N5OWK, got up and running - largely without my help. I neglected to send a message to the others that he was on and to build routes to him. J, KB0QJ, assembled an IBM-PC clone with a DRSI PC Packet Adapter and the G8BPQ Net/ROM emulation code. Mike, KA5TDA, is testing it as node, PCTDA. It is planned to ultimately go to Ardmore to replace the Net/ROM node there. Unlike RipROM, this code is original work of John Wiseman, G8BPQ and approved by the Software 2000, the authors of Net/ROM.

Now that the PBBS code is in the can, I am going to look around for some of the other goodies I have done in the past year and make some copies of TCP/IP stuff and monitoring programs for buddies I expect to see at Dayton. Wow, am I ready to hit it this year! Joe, K5JB

PC/Node Switch

As I mentioned above, J, KB0QJ, and Mike, KA5TDA, are testing a G8BPQ PC/Node switch consisting of code written by John, G8BPQ, for the MS-DOS computers. I thought that for this column I would break out the documentation and snip some things for your information. But it was not to be. Not that the documentation wasn't good, it was GREAT! but, it was for the owner who was planning on putting it on the air and running it. It is a project for the technically inclined and the information necessary for the user to access it and use it was simply simple, if you know what I mean.

In a nutshell, the G8BPQ code, (called TheNode by John, but renamed PC/Node by its US proponents to avoid mistaken association with the German Net/ROM rip-off, TheNet) is a combination packet switch and I/O processor for popular BBS programs. It follows the conventional protocol of the Combios, Mbbios, and other drivers that supervise the serial port input-output on IBM PC clones. The original I/O code on the IBM computer design was no good. To make it work, new programs, called drivers, were written to make the computer work without losing bits and bytes along the way. G8BPQ wrote a program that included this driver stuff so it could handle

standard packet bulletin board software, AND emulate a Net/ROM node.

A packet switch is what Net/ROMs and KA-nodes are. They take data that comes in on one circuit and send it out another. Because the G8BPQ code runs in a full blown computer, it has the capability of using multiple serial ports, or packet adapter cards, to create multiple ports. TNCs are little computers - the TNC-2 actually being the same architecture as a Xerox 820. But, because of the hardware limitations of their design only a few of them can handle more than one radio port at a time. The Kantronics KAM and PacComm DR-200 are the only two that come to mind at the moment that can handle two ports simultaneously.

A switch with only one port is a contradiction in terms - meaning a Net/ROM with only one radio port lends little value to a network because it has to compete with itself coming and going. It is only marginally better than a digipeater so the design goal in nodes is to have at least two radio ports running, and preferably more. When the number of ports goes up, the use of a general purpose computer and packet adapter cards becomes a better economic choice than a gaggle of TNCs. (The packet adapter cards are generally called HDLC cards - the HDLC stands for high level data link control. There are several on the market.)

So, J, and friends are trying the PC clone route. Since it does not have an associated bulletin board, the commands that a user needs to know are the same as those used with Net/ROM, with one possible exception. When you connect to the thing with the intention of making a simple AX.25 connection to another station (non-Net/ROM protocol) you may have to add a port number to your connect command. If you don't it should protest and tell you what ports are configured for it. An example of a command would be:

C 1 (target call sign)

The "1" specifies to use port 1. With Net/ROM, you accomplish the same thing by either connecting to the associated Net/ROM port call, or using its call as a pseudo digipeater.

This simple explanation is based on my reading of the documentation and not on any on-the-air experience. The rest of the commands relate to the control operator's function. Maybe af-

ter Dayton I will have some time to see how the thing is working out. It seems like J and Mike are interested in progress, eh? Joe, K5JB

Automatic HF Operation

The ARRL recently filed a petition with the FCC to permit automatic operation of stations under certain conditions. Packet radio message traffic is currently forwarded by stations operating automatically under an STA, a temporary authority. Dave, WB5FWE, (our local packet 30M gateway station) sent me one of the messages related to this for possible C&E inclusion. Unfortunately it contributed little rational information except one part which pleaded to let your desires be known to your director.

I don't know on what basis the recommended frequencies were selected by the ARRL but they do look like they will cause strife between existing RTTY operations and Packet operations. Apparently the filing requested 14.090 to 14.100 MHz and 7.035 to 7.045 MHz. These frequencies were (also apparently) not the ones recommended by the Ad Hoc Digital Committee of the ARRL. My advice to you, if you have any interest in HF Packet (or even if you don't) is to look at the issues and send your director a note, telling him what you want the ARRL to do. (Incidentally, Canada is in America, which was the main reason I trashed the original message.) Joe, K5JB

Special Diet

1. What ever you eat without someone seeing you has no Calories.
2. If you drink a diet soda with a candy bar, The calories in the candy bar are canceled out by the diet soda.
3. When you eat with someone else, calories don't count if you eat less then they do.
4. Foods for medical reasons never count. For example; hot chocolate, Brandy toast & Sara Lee Cheesecake.
5. If you fatten up everyone else around you then you look thinner.
6. Movie related foods do not count, because they are part of the entire entertainment package & not part of one's personal fuel. Examples are Milk Duds, buttered popcorn, junior mints, red hots & tootsie Rolls.

7. Cookie pieces contain no calories. The process of breaking the cookies causes calorie leakage.

8. Things licked from knives and spoons have no calories if you are in the process of cooking. Examples are Peanut Butter on a knife when making a sandwich or Ice Cream on a spoon when making a sundae.

9. Foods that have the same color have the same number of calories. Some examples are Spinach & Pistachio ice cream, Mushrooms and White chocolate. Note that Chocolate is a universal color and may be substituted for any other color food.

Suggested diet.

Breakfast

- 1 Grapefruit
- 1 slice whole wheat toast
- 3 oz skim Milk

Lunch

- 4 oz. lean broiled chicken Breast
- 1 cup steamed Spinach
- 1 cup herb tea
- 1 Oreo cookie

Midafternoon snack

- Rest of Oreos in package
- 2 Pints of Rocky Road ice cream
- 1 jar hot fudge sauce
- Nuts, Cherries, & whipped cream

Dinner

- 2 loves garlic bread with cheese
- Large Sausage, Mushrooms & cheese Pizza
- 4 cans or pitcher of beer
- 3 Milky way or Snickers candy bars

Late evening after news snack

- Entire Frozen cheesecake directly from freezer.

Original author unknown (but known to be very skinny) - Provided by Mac, K2GKK

FCC Foul Up Spells TROUBLE

This was provided by Mac, K2GKK. It came off of the BBS circuit.

New Codeless License Proposal Spells Trouble for the League - A Commentary by Frank N. Haas KB4T

A new debate is underway. As you should know, the FCC recently released a Notice of Proposed Rule Making in which it seeks commentary from the Amateur Community as to what should constitute the new codeless license. To my disbelief,

there are still some hams out there (whose heads must be flat from the rocks they have hidden under for so long) who insist there will never be a codeless license. Face it friends! It's going to happen. A codeless ham license will be a reality within the next year.

The new license will provide a window into the various local communication capabilities of our hobby by granting privileges in the high VHF and UHF bands. This will allow access to packet radio, voice and other modes popular up there including some satellite work. A new written test will be developed for this new class.

The fly in the soup is the Feds' proposal to do away with the Novice Class so the new codeless license will be the only entry level ticket available. This is contrary to what was requested when the codeless license was first suggested to the Feds. Naturally, if there is any way something can be twisted, misconstrued, misrepresented and misunderstood, the FCC will pick up on it and run for the goal line with it. As I see it, the codeless license debate will present two major problems to the ham community:

(1) It's going to deepen the chasm that has developed between Amateur Radio and its regulators; (2) It's going to be a giant headache for the ARRL!

The FCC has evolved into an agency that apathetically, nay, pathetically deals with the results of its budgetary restraints. At every turn, the FCC seeks the easy way out, thinking more about itself and how it can cope with (admittedly) meager apportionment. With this lazy attitude in mind, proposals affecting regulated services are rank with concern only for how the federal process can be most easily accomplished. That is, proposals seek to make the FCC less responsible and more easily able to shift work onto the regulated party. Nowhere else in the Federal Government is the obvious commercialization of resources more apparent than in the FCC. The new codeless Amateur License proposal reeks of this pervasive Federal attitude.

The new proposal will be a real thorn for the ARRL because it is perceived as the author of this gross misrepresentation of what the Amateur Service really needs. The league's proposal to the Feds didn't mention anything about doing away with existing classes of li-

cense. The League's position was to create the new license without impacting negatively on existing privileges or resources. But the Feds feel that the new license will add an unnecessary burden on their already overworked staff and processing malaise.

Those of us who keep track of the ham pubs, especially the bi-weekly newsletters will likely be fed a continuous diet of angry reactions and rancorous prose attacking the VERY INNOCENT League over the FCC's proposal. I have already seen it on the packet system. Messages are being posted by misinformed hams all over the place who are mistakenly blaming the League for the repulsive FCC offering.

We're in for another fight, gang! We're going to have to be strong and take no prisoners on this one! Ham radio still creates a foul taste in the mouths of many FCC staffers because of the 220 MHz debacle which, like a nasty social disease, continues endlessly to fester. That matter ain't over yet, though it doesn't look good for the home team. The League will once again be caught up in a fracas that will likely prove an unpleasant public relations battle with no likely winner. The League seems to be catching more epithets in recent years than usual as the FCC makes more and more invasions and undesired recommendations for our service. The League is not responsible for most of what has happened lately. However, perhaps it's time for the leadership of the League to take a more aggressive stand with the Feds while simultaneously making a stronger effort to improve its image with the ham community.

So don't blame the League for our latest troubles and give the FCC the hell it deserves for tampering with our hobby! Frank, KB4T

(Reprinted from the Daytona Beach A.R.A. GroundWave 4/90)

Prompt Payment

I thought this might be neat for C&E. It had been adapted for use in Canada. I changed a few things to make it fit the USA. 73 de Mac.

From: VE3BOF @ VE3JEZ
Subject: PAYMENT - HUMOUR

Dear Sir:

In reply to your request for payment, I wish to inform you that the present

condition of my bank account makes it almost impossible. My shattered financial condition is due to federal laws, state laws, county laws, village laws, brother-in-laws, sister-in-laws, and outlaws.

Through these laws I am compelled to pay income tax property tax, business tax, amusement tax, head tax, cosmetic tax, tobacco tax, alcohol tax, gas tax, inheritance tax, food tax, light tax, excise tax, car tax, garbage tax, water tax, sewer tax, telephone tax, sales tax, transportation tax and hidden tax.

I am required to get a business license, car license, operator's license, truck license, snowmobile license, trailer license, bicycle license, hunting license, fishing license; not to mention marriage license and dog license.

I am also required to contribute to every charity, society or organization which the genius man is capable of bringing to life; to hospital expansion, to junior soccer, to peewee tee-ball, to senior girls' softball, to the United Fund, to the Red Cross, the White Cross, the Blue Cross, the Purple Cross, and the Double Cross, etc.

For my own safety I am required to carry life insurance health insurance, accident insurance, fire insurance, property insurance, liability insurance, earthquake insurance, tornado insurance, old age insurance and unemployment insurance.

My business is so governed that it is no easy matter to find out who owns it. I am inspected, expected, suspected, disrespected, rejected, dejected, examined, re-examined, informed, required, summoned, fined, commanded and compelled, until I provide an inexhaustible supply of money, for every known need, desire or hope of the human race.

Simply because I refuse to donate to something or other I am boycotted, lied about, talked about, held up, held down, and robbed until I am almost ruined.

I can tell you honestly that, except for a miracle that happened, I could not enclose this check for payment. The wolf that comes to my door nowadays just had pups in my kitchen. I sold the pups and here is the money.

(Author is unknown and the above has been changed a little. Makes a lot of sense, doesn't it?) Mac, K2GKK

Central Oklahoma Radio Amateurs, inc.

MINUTES

27 MAR 90

The Meeting was called to Order at 7:07 pm with President Frank AA5GI in the Chair and the following Directors and Guests in attendance :

ACARC - Tom Mangham K5LDI
Ted Anderson NY5W

MORI - Toy Graham KB5KVX
Ellard W. Foster W5KE

OCAPA - Chuck White K5NK
Greg West K15BT
Baron Bieber N5PQK

76ERS - Jerry Sproul N5AUH
Jim Buswell N5BEQ

SCARS - Donald Schader KB5ABS

EARS - Linda Richardson N5OJP

C&E MNG ED - Joe Harding WA5ZNF

EARC - Phil Wolfenbarger N5HIP

Visiting was Robin Graham, SWL .

The Minutes of the previous meeting were corrected to state that the VE report was given by Jerry WR5G, not Ted as reported, and then, on Motion by Tom K5LDI and Second by Joe WA5ZNF, Accepted as Corrected .

On Motion by Jim N5BEQ and Second by Linda N5OJP the Report of the Treasury was accepted as distributed .

REPORTS: C&E - Joe WA5ZNF is waiting for the Pre-Registration form/at/info for layout and announced the Ham Holiday Special would be the June '90 issue .
VE - Phil N5HIP reported 10-21 applicants .

HAM HOLIDAY #17 (1990)

PUBLICITY - Frank AA5GI relayed that flyers have been mailed and some magazines notified for their calendars, etc. ;

BANQUET - Linda N5OJP reported Jamil's expensive and small, will look into the enterprise building near 50th and Lincoln with catered or delivered foods :

DEALERS/AWARDS - Frank AA5GI reports expected new dealers have reneged due to date conflict with Austin, TX and St. Petersburg, FL .

PRE-REGISTRATION - Jerry N5AUH reported no receipts yet, will use theater ticket dual stubs for the raffle :

REGISTRATION - Steve KG5IP reported he's computerized, ready-to-go, waiting

PROGRAMS - Chuck K5NK stated his club is not adverse to managing the schedule this year and accepting input :

NON-TECHNICAL - Frank AA5GI relayed from Dorinda N5UA there is nothing firm yet ;

BINGO - Tom K5LDI reported researching availability of a ping-pong-ball-type selector and contacting Bob W5HXL to select prizes .

FLEA MARKET - Don KB5ABS waiting :

SECURITY - Phil N5HIP reports the same overnite crew scheduled at the same money as last year but still need a volunteer group as daytime ticket watchers :

SCHOLARSHIP - OCCCUM donated the IC-2SAT to raffle, applicant deadline is 1 April 90 ;

BREAKFAST - no change: open !

The Canadian River Racing Club is seeking volunteers for communications for the 89ER Day Commemorative Bike Races 21 and 22 April to call 405]320-0203 !

On Amended Motion by Chuck K5NK and Second by Joe WA5ZNF it was voted without opposition to float the dates for future Ham Holidays as needed between the last weekend in July and the first weekend in August .

The next Board Meeting is scheduled for 24 April 1990 .

This Meeting was adjourned at 8:13 pm .

Secretary,
Jim N55FC



Hi... KB5FCF, Joel here once again with another article from the Edmond Amateur Radio Society. This article may seem a bit short and rough, that Murphy guy has struck again. I can't find my copy of the April C&E. Also I was not at the last board meeting and have only talked with our fearless leader once or twice since then. Anyway please tune in to the Monday night nets for information that I have missed.

I would like to start this month by thanking those who braved the less than ideal weather and joined us in Lawton OK for the spring Hamfest. Allison and myself left Edmond about 3:00 pm Friday and met up with David, KB5DQZ and Jim, N5OHL on the south side of OKC. We headed down the turnpike entertaining each other on 2 mtr simplex. about 90 minutes later we drove into the campground and started to set up camp. The first thing I had to do was change my shoes so I didn't ruin my good high tops in the mud that made up most of the camp sites. A little later Lee, KA5WIS and Edie, KA5YPX rolled up in the campsite next to ours and quickly set up and started their dinner.

We were lucky enough that we didn't see any rain that night and the stars were out in great numbers. Jim was next door working a little HF and I worked a couple stations from my mobile station.

Saturday morning we drove to the hamfest in a thick fog. I was still half asleep but I am pretty sure the fog was real... I think?. At the hamfest I met several other hams from EARS that decided to drive down just for the hamfest. Ed KB5DZU, Brad KB5UK, Kyle KB5KIU Steven KB5CDF, and Beverly KA5WKQ, were among those who I ran across Saturday morning.

After we had rounded the swap meet several times we went to lunch. Then we went back to the campground and relaxed for awhile. Saturday evening after dinner we played a couple of

games and of course roasted marshmallows. Later Jim was back on the HF rig burning up the bands. He made quite a few contacts while we were there but I only worked 3 or 4 contacts.

Sunday morning I was awoken by what I hoped was artillery from nearby Fort Sill but turned out to be thunder. We immediately started to pack up camp trying to beat the rain. We were packed and ready to go in record time but the rain decided to go around us. I think that Murphy guy was somewhere in the campground.

David followed Alli and I and we drove up to the top of Mt. Scott. From there we talked to Mike, KB5BIX on the repeater. I was surprised to hear the machine almost full quieting and to hit it solid with only 10 watts. Anyway to finish this up we drove into Lawton for lunch and then headed home. After missing the rain all weekend it started to rain just as I finished unpacking the truck.

Next, thanks to all who braved the bad weather to attend the dinner meeting at Shotgun Sams. It seems like lately anytime we have a meeting the weather turns nasty, but I guess that is springtime in Oklahoma.

Speaking of springtime weather we have had several weather nets already this year and we really appreciate the help of those who instead of staying home where it is safe, go out weather spotting for our weather nets.

For the month of May there will be a Putnam City Fun Day and Rout 66 Walk both on May 12th. We will need help with both of these so contact me or Phil, N5HIP if you can help.

Well... thats all I have for this month. Next months article should be loaded full things for the summer. I'll see you on the air. TU & 73

KB5FCF, Joel

EARS Vice Pres.

KASAKS: What is your son going to be when he finishes school?
KA5WGV: Very, very old.

GREAT PLAINS A.R.C.

USHGK Repeater 146.13/73

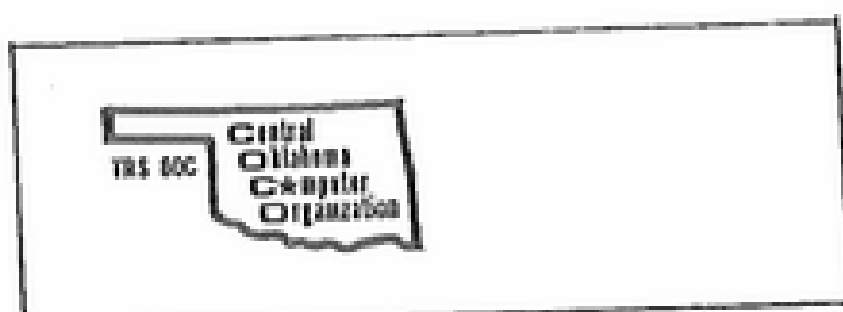
The 1990 Mooreland Hamfest is history now. Attendance was good--upward of 200 registered participants. By the middle of Sunday morning, extra swap tables were requested and provided. Dealers represented were Dandy's of Wellington, Ks., Oklahoma Communications Center, OKC and Miley's of Florence, Co. These dealers awarded some nice prizes and they will be remembered among the Ham fraternity for that and some real bargains on new equipment. The VE testing went very well and there were many upgrades. N5QUN-Phillip met General Class requirements, that took and passed the 20 WPM code test, putting him just two steps from Extra Class. He is 15 years old. I won't take a stand on no-code licensing, but I know of no substitute for the sense of accomplishment and the thrill of passing an amateur code test.

The 146.13/73 WA5PLW repeater has been busy lately with weather watches with KD5JR-Bill at the radar in Woodward. We understand that this is monitored by many people on scanners at home, and we are glad to be able to provide this service. We have spotters in or near the following communities, among others: Shattuck, May, Woodward, Gage, Ft. Supply, Laverne, Buffalo, Mooreland, Taloga, and Coldwater, Ks. WB5EDD-Oren may be the widest-ranging mobile storm spotter in our area, always on the move. The way the weather is shaping up this year, we may need to keep our hand-held's batteries charged! 73's---

N500--Willis

ATTENTION ALL EDITORS !

Ham Holiday and the Oklahoma State ARRL Convention is just around the bend. The CORA Board voted to make the next (June) issue of the C&E a special one featuring those two events. So, there won't be room for any club news in the next issue. Save it for the next (July) issue.



COCO was very fortunate to meet one of its overseas members, Peter Tutelaer. Peter is from the Neatherlands and made a special visit to the United States to attend the Rainbowfest. He was persuaded to tell the group about his experiences. Upon arriving in the U.S., he bought a train ticket for Amtrack. In his country this is a universal method of transportation; however, he found that in the U.S. service was less extensive than it had been previously, and he had to buy a bus ticket from Kansas to visit COCO. (Now that is bravery, taking a Greyhound.) Peter noted that Rainbowfest was not as large as in previous years because of the presentation of fewer new products for the Color Computer. A new Color Computer 4 was at the show; it is produced by a company not associated with Tandy. Peter noted that in his country (and Europe in general) there are no large Color Computer groups; isolated members, however, are active. He had hoped to pick up some public domain programs and avoid a large postage bill. Most individuals are using Color Computers 1 or 2, Dragon based units. He hopes to start a bulletin board of his own and link it with the Fido net for direct communications between the Oklahoma (oh yes, the rest of the U.S.) and Europe. The business community in his country is actively using the Color Computer 3 with OS-9; therefore, OS-9 business software is readily available. When the members asked for a personal impression of our country, he mentioned that covering the 40 miles in OKC barely got him away from the greater OKC area, but in his homeland, 40 miles would get him across most of his state. Thanks, Peter, for a interesting and enjoyable talk and thanks for coming out of your way to see us.

Members introduced themselves, and the program was given by Bill Demand. He told how he helped set up the Color Computer to be used at the university radio station as an automatic controller for the satellite down link. Bill told how the idea originally started to use the Color Computer to control the VCR's, audio-visual equipment, and the record and playback. His co-worker had to develop the programming to integrate the system. Bill gave general diagrams on the function and linking of the various components in the system, and how it operated in general. In the June meeting, Bill plans to explain further details of the system and present the programming facet of the system. If you are interested in more details, contact Mr. Demand.

After a break, there were Software and Hardware questions.

SOFTWARE -- The was a question if cartridge games could be put on a disk. Yes, there are programs available to do the transfer. The following Peeks and Pokes may also be used. **CAUTION:** The loading address must be changed, or it will interfer with disk operations.
STEP 1 -- Turn on computer
STEP 2 -- type: POKE 65315.54 and press <ENTER>.
STEP 3 -- Insert the Rompak to be copied in the cartirdge slot.
STEP 4 -- Insert a cassette in Cassette Player and press Play and Record.
STEP 5 -- type: CSAVEM "ROMPAK".49152.57344.49152
 To load Rompak from tape: Set 64K ALL RAM MODE. rewind cassette and type: CLOADM "ROMPAK": EXEC 49152 <ENTER>
NOTE: This will work in about 90% of ROMPAKS, programs can be obtained that may work on others.
 ALL RAM MODE: FORI=768 TO 768+24: READA: POKE I.A:
 NEXTI: EXEC 768: DATA 26, 80,142,128,0,166,132,183, 255,223,167,128,140,224,0, 39,5,183,255,222,32,239,28, 175,57

NOTE: Resetting the computer will deactivate this mode.

HARDWARE -- There was a question about the availability of the NUMBERJACK. The Prez. bought hers after advertizing was discontinued in the

"Rainbow"; however, that was several years ago. The keypad has unshifted keys: numbers from 0 through 9, clear, directional arrows, plus, minus, multiple, divide, period, comma, @, shift, and enter. Shifted keys are < >, equal (a shifted minus), and all the upper case symbols on the regular number keys. The installation is very easy. The only difficulty I had in installation was that the leader for the ribbon was too long and rubbed on the inside of the keyboard case; it had to be trimmed later. The old address and phone number is: HJL Products, Div. of Touchstone Technology Inc.; 955 Buffalo Road; P.O.Box 24954; Rochester, N.Y. 14624; phone 1-800-828-6968. Good luck -- I have no ideas wether the product is still made.

The next meeting of the COCO will be OUR ANNUAL PICNIC and will NOT be held at the Midwest Community Center! The time of meeting will still be at approximately 9:00 a.m. on May 12, but the meeting place is at Kiawanis Park, which is located south between Reno and E. Steed on the west side of Midwest Blvd. (A map follows) There will be a swapmeet; everyone is invited to bring their old, new FOR SALE items and money to get some "new" items. There is a playground for the kids. Music, demonostrations, and miscillaneous donations (i.e. napkins, etc.) are needed: contact Donald Fox at 840-4203 after 6p.m. or Dorothy Roberts at 691-5220 until 10:30p.m. The menu is pot luck, bring enough for your party, plus a little more. (If you bring hot dogs, etc. please bring your fixings.) The club will provide drinks, cups, forks, spoons, and pans etc. See you there!

