



20th HAM HOLIDAY COMING PREREGISTER TODAY

Oklahoma City Autopatch Association

SILENT KEY

It is with much sadness and regrets that the Oklahoma Autopatch Association advises of the recent death of one of our fellow members. RAY DAWSON KB5AC died on Wednesday 6 May at Mayo Clinic in Jacksonville, FL. His sister Mary Lou KB5TH is a former member. His brother-in-law Haven KB5XH is a current OCAPA member.

It is also sad to advise of the death of the Mother-in-law of our fellow member TOM WEBB WA9AFM.

Please join with me in a moment of prayer for our good friends and their families.

Howdy! This is NJ1V. I had the opportunity to attend the HamVention in Dayton for the first time this year. Quite a show! I made a big mistake though, in that my schedule only allowed one day's attendance, which is nowhere near enough time to take a good look at all there is to offer. There were 250 inside exhibitors, as well as 1200 flea market spaces outside!

If you think you want to attend next year, it probably is not a bad idea to start making reservations now, especially if you will require hotel accommodations anywhere close to the arena.

The hamfest at Dayton is certainly one of those things that everyone needs to visit at least once in a lifetime.

Don't forget to attend and support your "local" hamfests coming up soon - Green Country, Ham-Com, and of course our own Ham Holiday.

OCAPA News

This is probably the last C&E before Field Day, which will be held Saturday and Sunday, June 27 and 28. Larry KF5JN is your Field Day Chairman. Please let Larry know what you can volunteer to do involving set-up, operating, tear-down, and availability of equipment. Please plan to participate, and help to make this the most successful Field Day in the history of our club!

Continued page 2

For the twentieth, or maybe it is the twenty first, or some other number, at least there is a swell Ham Holiday shaping up for your enjoyment.

After moving from one motel to another, always outgrowing them, we have decided to have the celebration at the MADE IN OKLAHOMA building at the State Fairgrounds here in Oklahoma City Okla. on Saturday and Sunday July 25 & 26.

If you reserve a table in the huge Swap Shop you will get directions as to when you can set up. (There will be security provided)

There will be a large Commercial Vendor setup from which we will purchase the Pre-Registration Award of an ICOM 736 HF rig (\$1,149.00), the Grand Award an ICON IC-725 HF rig (\$1,299.00) and the numerous other awards that will be given out every hour, then the big program on Sunday where you can walk off with anything from a Handi Talkie to a manual to help you upgrade.

In the meantime, Saturday, you can earn your license or upgrade, one, two, three spaces. There will be plenty of technical programs, OK DX, ORSI, MARS, AMSAT, packet and computer programs, OK QRP, National Weather Service, plenty of time to visit the swap shop and the commercial dealers who will be able to supply all of your needs.

Sunday there will be a religious program, some other technical programs, the ARRL Forum where you can get the latest information about what is, and is not, going to happen, then the big drawing where nearly everyone will walk away happy.

Don't overlook the big dinner Saturday night with more awards to be given.

The above is just an outline of all the fun you can have at HAM HOLIDAY so make your plans and bring the spouse and kids with you, kids under 12 are free and there are a lot of other things to do around OKC if someone isn't interested in ham radio.

Look on the back page and Pre-Register, maybe you will carry home the ICOM 736.

The women will have plenty to do, there will be four programs just for them and then there is Bingo.

You can even get new QSL cards, just your very own.

Joe WA5ZNF

The South Canadian Amateur Radio Society

The May meeting of SCARS was held at the Norman Red Cross on the 9th. Don, K1STP called the meeting to order at 0930L. We had 21 members and a number of guests present. The treasurer reported that the account held about \$1563 and the repeater fund held \$199. The minutes of the previous meeting were published in the C&E.

Don announced that things were well under way for Ham Holiday to be held in the Made in Oklahoma building at the fairgrounds on July 25th and 26th. Eight or ten technical programs have been scheduled and will be held in the south wing of the building.

The discussion then turned to the flea market and a suggestion was made from the floor that SCARS have a tailgate flea market in Norman. Everyone decided that it sounded like a good idea, possibly at our regular meetings.

Mark, N5HZR has been working on some plans for field day. We have been authorized to use the Red Cross van again this year. The Red Cross was also interested in possibly using the occasion to perform some field training of their personnel. Mark described some of the options available for the station and the fact that the city now charges rent by the hour for use of the park pavilion that we have used for the past few years as the operating site. After much discussion it was also decided that maybe this year the results would be sent in to ARRL.

Steve, N18W expressed thanks to those who helped with the bicycle races and for the use of the repeater during the races held around lake Draper.

In previous years the repeater on 147.34 in north Oklahoma City has been used as a weather net liaison frequency to pass storm information between the National Weather Service office and various local severe weather nets around the central part of the state. Due to equipment relocations and personnel changes this has not been done very much this year or last year but there has been some interest expressed in returning to this practice. Some members of the Edmond club attending the meeting offered

Continued page 2

OKLA CITY - FAIR GROUNDS - JULY 25 & 26



Other OCAPA News

Just some recent tidbits picked up on the repeater involving our members: Dale N5TXE and Tony N5VVU passed 20 WPM. They are now busy studying their Advanced and Extra theory. Tom N5TCG passed his 13 WPM, and is likewise with his nose in the Advanced theory books. Baron (ex-N5PQK) just received his new Extra Class Call - W23F. [Boy you just made it Baron!...njlv]. Please join me in offering CONGRATS! to all.

It is great to see just how many of our members are interested in pursuing these upgrades, and speaks highly of their individual efforts and the efforts of all of our other members who are always so willing to help.

Regarding a similar subject, I am disturbed by some recently overheard derogatory remarks concerning advice and suggestions for improved operating practices offered by some of our "old timers."

We are experiencing a significant increase in the number of Amateurs in our ranks, due primarily to the new "Tech-Lite" provisions. And we are encouraging membership in OCAPA and use of our repeaters by these new Hams.

It is quite evident that some of the operating practices overheard on our frequencies are far from what can be considered acceptable. In some cases, they border on illegal as prescribed by FCC regulations, which are now more subject to heavy fines and license revocation than in the recent past.

Most of the study materials available to emerging Hams do not cover operating practices to any great degree. Therefore, it is important that newcomers to our hobby be guided into techniques that will be looked upon favorably by the typical Ham community. Our spectrum is limited, and cooperation and understanding are necessary if we are all to coexist and enjoy our respective privileges. If illegal and objectionable operating practices and techniques are ignored, we will allow our frequencies to turn into another radio wasteland akin to the Citizens Band. We cannot and should not expect the FCC or ARRL to provide this type of personal supervision and guidance, but rather must depend on the hands-on experience of some of these "old timers".

73 de NJ1V "victor"

CIMARRON

Eight members and three visitors were present at the May meeting of the Cimarron Amateur Radio Association.

Much good information on how to pass your test when it is time to upgrade. The genius in our club gave this wonderful advice, "Study the Book, forgetting the wrong answers. Highlight the answers and read them ten times. You are now ready for the test. Sounds easy! If only it were...."

Ruth WX5Y has just returned from her California vacation and is now ready for a two meter antenna to be ordered - and then installed. Denny WK5V will order the antenna and a party is set for May 30 at 3:00 pm. As encouragement for getting the antenna up, a hamburger fry in the park will follow.

Our newest member, Gary C. Smith KB5RVS, known to some newspapers as the "Tornado Buster" was present to share some of his ideas with us. Gary wants to fly a remote-controlled helicopter into a tornado to drop a bomb into its center, which he says should dissipate the tornado before it could hit populated areas. The bomb does not "blow up" the tornado, but causes it to wobble and thus self destruct. If you are interested in knowing more, Gary would probably be glad to share his knowledge with you.

REMEMBER FIELD DAY, June 27 & 28.

If you need something to do stop by and help Curt N5RHO get his tri-bander and 40 meter antennas on to the tower and back upright. It looks like a lot of fun, and will be once he is on the air. Good luck, Curt...

Remember! June 11 at the Playhouse at 827 S. 13th in Fairview.

Be there or be square.

73 N5WVU

MEMBERSHIP UPDATE

The Oklahoma City Autopatch Association welcomes our NEW members who are listed below:

CALL	NAME	QTH
N 5 QDS	Tom	Bethany
N 5 ZHN	Rey	Okla City
KA 1 ZRS	Paul	Tinker AFB
N 5 ZYB	Steve	Okla City

We regret the failure to renew by the following:

N 5 CC KA 5 DAU KE 5 LD

I recently picked up something from the WA5BQX BBS about Dayton that may interest any of you planning to attend in the future:

Ten Biggest Lies Heard at Dayton

10. "Yea, I saw the Alpha display. Stuff is junk..."
9. "I had one of those Polish sausages, they're real good!"
8. "Boy, did I just get a bargain on this old radio..."
7. "No, I can't sell it for that."
6. "I have more money than that into it..."
5. "Let me go get my money, I'll be right back..."
4. "Give us your best price, and we'll beat it."
3. "It works FB."
2. "The bus will be here in just a minute."

And, the number one biggest lie:

1. "It's going to quit raining real soon."

[Tnx es 73, to KF8IO for this insight into HamVention!.....njlv]

NEW ATTRACTION!!!

We will have special displays at HAM HOLIDAY!!!

Any radio club belonging to CORA is welcome to have a table (at no charge) in the entry area to show information about their club and its activities. The table can either be staffed or left unattended. You may collect memberships at the booth, but are not allowed to sell any other items there.

RESERVE TABLES BY JULY 15th
THROUGH FRANK, AA5GI

WE WILL ALSO HAVE OTHER DISPLAYS ON TOPICS OF GENERAL INTEREST.

CONTACT: Linda or Jim Richardson
Tel. (405) 524-0456 (h)

*The South Canadian
Amateur Radio Society*

some suggestions on getting this practice restarted. Bill, N5SAL who coordinates the operators working the NWS station during severe weather was out of town but a meeting will be set up with him and the NWS to discuss this.

A door prize drawing was held for a 2 meter magnetic mount mobile antenna and it was won by KD5WA (yes, I said KD5WA). By 0957L everyone had about all the excitement they could stand and the meeting adjourned.

de Ken, N5KUK

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 Aldon Sage, KB5LIC 341-8978 VP Jim Richardson, N5OHL 524-0456 SE Lynice Hamlin, KB5FOH 427-2828 TR Ed Granger, KB5DZU 348-3454 Editor: Jim Richardson, N5OHL 524-0456
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	
3. MID-OKLAHOMA REPEATER, INC. Meets: First Tuesday, 6:00 pm social, 8:30 meeting, Favorite Cafe, 36th & S. Western, OKC PR Steve Corman, KB5CDF Unlisted VP Robin Graham, N5SPA 632-0225 SE Tamra Sanders, N5WKX TR Toy Graham, K15TZ 632-0225 Editor:	14. CIMMARON ARS Meets: 7:30 pm, second Thurs., WX5Y Playhouse 827 S. 13, Fairview PR Ray Barnes, AB5F (405) 274-3334 VP Terry McCall, N5MLT (405) 227-3672 SE Dennis Painton, WK5V (405) 764-3599 TR Nadine Painton, N5FMH (405) 764-3599 Editor: John Medley, N5WVU (405) 227-3534
4. OK CITY AUTOPATCH Meets: 7:30 pm, third Tuesday, Salvation Army, N.W. 50th & Penn. PR Jim Bartlett, KA5PSF 359-1299 VP John Guida, NJ1V 340-8555 SE Ken Goddard, WA5DTL 946-4973 TR Mac Macdonald, K2GKK 672-4947 Editor: John Guida, NJ1V 340-8555	15. SOUTH CANADIAN ARS Meets: 9:30 am, Second Saturday, Red Cross Bldg., North OU Campus, Norman PR Don Schader, K15TP 321-9649 VP Mike Winkel, N5SOF 366-8639 TR David Gates, N5LCL 392-5677 SE Gary Skaggs, WB5ULK 799-5363 Editor: Ken Brown, N5KUK & Gary Skaggs, WB5ULK
	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 SE Jack Conley, AA5VU Editor: Not Filled	
9. WHEATSTRAW ARC Meets: 2:30 pm Second Sunday, Location Varies, see Club Section for Details PR Leo Peil, WZ5H, Canton 886-2998 VP Ray Barnes, AB5Z, Longdale 274-3334 S/T Joe Garland, WA5FLT, Calumet 893-2660 Editor: Ralph Wilder, WA5PFK, 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 Jack Conley, AA5VU 392-5072 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 18 June 1992 No. 208

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	92/01	2
WILSON, MIKE WA5RTY		
1234 W 49		
McCLOUD OK 74851		

The "4" means Autopatch Club, 92/01 means he is overdue. The "2" is for postal rates.

Dear Subscriber:

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
if
you
see
a
RED X here

this will be your last C&E until you renew.

Dear Secretary/Treasurer:

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:

Joe Harding, 9211 N. Council #216, OKC, OK 73132, Telephone 720-1019

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VHF Club
NEWS

WSLOW

Elmer Goeckler Memorial
Station

Minutes of May Meeting

Will be in next month's C&E. I am preparing this before the May meeting. Joe, K5JB, Sec'y

Profound Knowledge

Last month I made some quip about profound knowledge and rambled some about the topic of weather. I noted that the reason for the curved path taken by air moving toward a storm was caused by Coriolis force, and used the vortex of water going down a drain as an observable example of that effect.

The morning after printing and mailing that article I watched the water going down the drain after I took a shower. Drat! It was going in a clockwise direction rather than the counter-clockwise direction I thought I had earlier observed. I ran some experiments with some other drains in my house and sat down to rationalize what I had observed. The first thing I came to realize was that the coriolis force would have to be quite small for water slowly moving toward a drain in the bath tub! The force is caused by the mass of the water accelerating (plus or minus) as it moves north or south. With such a small force, I questioned that it would have any noticeable effect when compared to the forces caused by the slope and shape of the container and the forces caused by the characteristics of the drain.

For reasons probably totally unrelated to the coriolis force, the vortex was usually counter clockwise, and once started clockwise, stopped rotating, and started counter clockwise before the drain emptied. In my kitchen sink, if the stopper was lifted, turned, and left in place, the vortex was counter clockwise; but, if the stopper was removed completely the vortex went clockwise. Conclusion: Coriolis may bias the results of the water experiment, but its effect is probably very small.

In the thunderstorm air flow model, the Coriolis force may be more significant, and have a stronger bias. It seems that I read in one of our thunderstorm pamphlets I read that a small number of tornadoes have been observed to rotate clockwise. If so, I think I now understand why.

Another gaffe I made last month was

running the column about Clover II, thinking it was really new stuff. In this month's CQ magazine almost identical text appeared. At Dayton, I bought the 10th Annual Computer Networking Proceedings, and the subject was pretty thoroughly covered there. I thought I had a hot news item, but it wasn't so hot after all. Clover II is worth watching though.

Now, for the current gaffes... Joe, K5JB

New ROSE Code

I had a ROSE related mission to pursue at Dayton. Larry, WB5CQU, near Denton TX, has built a ROSE circuit from his home to Pauls Valley on UHF. He is now trying to raise the baud rate to 9600 and ran into problems with the ROSE code not being able to handle that speed. My mission was to find the RATS people and talk about it. Well, the RATS people weren't at Dayton but I got to chat with MFJ and PacComm people about it. From what I have gathered, without confirmation, is that ROSE runs 9600 bauds on TAPR TNC-2s and PacComm products but not MFJ TNCs (which Larry is using). I found out that Tom, W2VY, was working on the problem, and some others and would be releasing new code soon. New code became available right after I got home from Dayton, but it didn't have any claims to improvements in the 9600 baud department. Larry got it, provided it to us, and we equipped the TNCs in this area with it. None of us are running 9600 bauds on ROSE so I can't comment on whether that problem is solved or not, but the new code was have a couple of nice changes.

Larry reported that the serial port which couldn't run over 9600 bauds now far surpasses that speed now. He has not yet been able to test the radio rate because he was one radio short to run a test. He is putting together the Ramsey UHF transceiver kit so maybe we will have some interesting things to report next month.

One change in this new version of ROSE code deals with the way the "applications" respond if you connect to them. For example, if you connect to either heard, or users, on my ROSE switch, you would do,

c heard v k5jb-5 405732

You would get a message (from your TNC) indicating that you were connected to heard. You are not really connected yet so the ROSE switch sends a line saying that a call is being setup. You would then get a message that call is complete to heard.

With the previous ROSE switch code you had to send a packet, or wait for a minute for the application to send you its information. With this new version the application responds immediately. When it is complete it tells you to send "H" to redisplay the heard list. If you connected to "Users", it would tell you to send "U" to redisplay the user list. One result of this change is that I no longer patch the connect messages in an attempt to assist new users. Also, accidentally leaning on the "Enter" key after getting a heard or user screen doesn't cause the ROSE switch to throw up.

There is supposed to be another release soon that provides a couple of more features. One will be support of frames containing layer 3 protocol, such as TCP/IP and NET/ROM. When that happens my ROSE patch in the NET program will no longer be needed (at least on incoming frames -- I will still want outgoing connects using ROSE circuits to use the connected mode).

Support for NET/ROM opens interesting circuit possibilities if the NET/ROM operators take advantage of it. If they make an explicit route entry that uses the ROSE's peculiar telephone number scheme, the NET/ROM can reach another distant NET/ROM via ROSE circuit. Another reported addition will be an indication of where a failure occurs somewhere in a ROSE circuit. We are supposed to be seeing this new version 3.0 "Real Soon Now".

I don't think that there were other changes in the 920330 (2.8) version that affect the way you use the ROSE switches (and routers).

Incidentally, there is another ROSE router on the air in Oklahoma. It is KA5ZZI-5 with an address of 405444, and it is located in Velma. (Velma is just East of Duncan.) It will be particularly helpful in improving the circuit from Lawton (WJ5Y-5, 405248) into the ROSE circuit, and thence to Texas and central Oklahoma. I haven't heard any plans for more ROSE switches or routers East of Spencer or North of Oklahoma City.

One of my belated plans is to take a DR-200 switch and make the necessary modifications to get a 9600 baud port going and see if it can handle the speed. The modifications are not too terribly difficult but I have to study the best way to connect the modem to the beast. I did pick up two PacComm G3RUH design modems a while back and only fired one of them up so far.

One thing I failed to do while in Dayton

was make up my mind on a UHF synthesized transceiver for 9600 baud packet use. I suppose if Alinco had a UHF only transceiver I might have bought it. Sure is difficult to choose a route when you don't know your destination! Joe, K5JB

New TAPR Tnc-2 Code

I recently obtained version 1.1.8 (March 20, 1992) version of the TAPR TNC-2 EPROM code. Changes include a host mode which should functions similar to the AEA host mode, which has been around for a long time, and the Kantronics host mode that just came out. It includes a protocol set (QAFT, DLC, and BLP) that enables the connection of one or more computers or TNCs to a TNC-2's RS-232 port, and enables the computer to more easily control all aspects of the TNC's operation.

I don't think any useful computer terminal programs have been written for it, but some code fragments and test-bed code came with it to aid programmers in starting projects. I did some twiddling of the AEA host mode a long time ago and may resume the project with this EPROM some cold winter evening when I can't sleep.

There are three new commands that the user might find interesting. Here are some fragments from Howie's notes that came with the EPROM code:

QRA ("Who are you") pinging is supported in release 1.1.8. A QRA ping polls all of the TNCs within range. Each TNC hearing the QRA ping will transmit its identification packet within 1 to 16 seconds. This technique provides the names of all reachable TNCs and digipeaters to the new, roving, and emergency-use packeteer.

ANSWRQRA (ON, OFF) Default: ON

Setting ANSWRQRA to OFF disables the TNC's ping-response function. When the parameter is set ON, the TNC responds to non-digipeated UI frames addressed to QRA, within 1 to 16 seconds, with an empty ID packet. TNC-2 ignores QRA packets when ANSWRQRA is off.

KISSM (immediate command)

This command is used to cause the TNC to immediately put the TNC into KISS mode.

OUT nn (where nn is a number from 0 to 255)

The value nn is sent to the TNC's Z-80

I/O port 0BFH. Note that the last value 'nn' is sent to the i/o port frequently, but not immediately. In this context, 'frequently' means many times per second, and 'not immediately' means within at most 100ms.

TXDIDDLE (ON or OFF) Default: ON

The TNC sends NRZI 0s during TXDELAY/TXDELAYC intervals if TXDIDDLE is ON, and 7EH flags when it is OFF. TXDIDDLE should be kept ON unless you are certain the TNCs in your network require lengthy flagging intervals. A few 1.1.7 users (TXDIDDLE was forced to ON in 1.1.7) reported problems with other TNCs that require flags during TXDELAY/TXDELAYC for carrier detection. Now when this problem crops up, the 1.1.8 user has the ability to turn TXDIDDLE OFF and restore connectivity.

(For whatever it is worth department) During the key-up time (TXD) of a TNC, most TNCs send a string of flag characters. Each flag character looks like 011111110. Some experiments found that if a pattern like 01010101 was sent the receive modems could lock on faster. Version 1.1.7 made the latter pattern. That is the reason that TNCs using that version of the code sound different, kind of squeaky. (When I first heard it on the air, I thought someone had fired up an old GLB TNC. They used to send the diddle pattern. I never heard of a TNC that wouldn't sync on the txdiddle but someone, somewhere, thought that the diddle caused some kind of TNC a problem, so Howie added the TXDIDDLE command to switch the diddle back to the flag pattern.

ANSWRQRA would be kind of neat but all your neighbor packeteros would have to have the same code for it to work. You send an unnumbered info. frame to QRA and those TNCs that recognize it would respond with their IDs. I believe Lan-Link has such a feature.

The new command, KISSM ON, puts the TNC into KISS mode without having to do a RESTART. That is handy, I guess, but unfortunate for one who stumbles onto it. It is kind of tricky to get a TNC back out of KISS. Also, there was also something done to give KISS more buffer space, though I don't think I ever had a problem with the previous amount.

I kind of doubt most users would know what to do with the OUT command. (It could be used to change frequency of your rig, or start your coffee, I guess.)

In conclusion, I don't think the new version should make you want to break a leg to get it, particularly if you are using an EPROM from MFJ or PacComm that has a mailbox, but if you want it, call me and I can provide it either over the telephone, or burn an EPROM for you. Joe, K5JB

Dayton, BRR!

Man it was kind of cold at Dayton this year, as you probably already heard. Joe, WA5FLT, and I took all three days just to make it once through the flea market. We were so concerned about the cold weather we kept running inside to make sure the scanty clad ladies inside weren't freezing, heh!

I got to visit with all the regulars I like to do business with, and the irregulars I like to do play with, and in summary, a good time was had by all. One of my party, N0BIX, Nobix, won a 144/220 rig. Several of the others took the sure-fire approach and bought themselves new rigs. I only bought one significant thing, a TAPR 9600 baud packet modem with the option to enable it to do bit regeneration. (This would enable using it in a full duplex repeater application.) I haven't started to put the kit together yet so will have to report on that later.

I bought the MS-DOS program, SAM, and a subset of its database that covers the 5 and 10 call areas. This program lets me look up people by call sign, or ZIP code. It also included enough information to enable me to look up calls using other search keys, or to hook it into another application. It takes a little less than 3M of disk space, which about all I want to dedicate to such a function. (The whole FCC data base will have to wait until I see fit to get a CD ROM drive). It only cost \$15 which was fair enough.

Jerry, KD5IS, forgot to put in his order for a Repeater Directory, but I didn't forget him. I picked one up at a discount, which will almost pay for the cost of mailing it to him in New Mexico, heh! (Jerry, maybe I'll just save the postage and deliver it personally.)

TWA, with help from Bill, WA5FWD, got us to the Hamvention on time, and got most of us home. Three of the group, Stan, N5JFQ; his son Aaron, and Tim, WA5LTM, opted for a later flight on the STL-OKC leg in return for some "consideration" from TWA.

On Mac, K2GKK's advice, I'll pack the long handles next year (and need Bermuda shorts)! Joe, K5JB



***** APRIL DINNER *****

We had a good 'ol time at the April dinner meeting where about 40 people enjoyed the food and fellowship at Soda Pops. Our next dinner meeting will be at the Field Day contest site.

***** NEW MEMBERS *****

CRAIG	KB5PGW	RON	N5VIW
SCOTT	KB5OFT	BILL	N5YDU
JAMES	N5XCT	R.M	W4SYWE
KEVIN	N5TYO	HAL	W4PQS
KEN	N5DBM	TERRI	KB5RQT
RYAN	N5XAX		

If you hear these new hams on the air, please introduce yourself and say welcome to EARS.

***** FIELD DAY *****

Field Day is coming up the last weekend in June on the 27th and 28th. I hope that everyone takes the opportunity to come by and operate a rig for a while. We will be setting up about 9am on Saturday. Some of our goals for Field Day 1992 are (1) to give each person an opportunity to participate in what ever way they choose and to enjoy the fellowship. (2) and to provide training to new hams on HF operating procedures (3) and to increase the club's score by 25% over last years total. Here are a few tips on contest procedures for Field Day. Many of us hams get plenty of enjoyment just listening to our radios (this is particularly true on local repeaters), but for Field Day to make the most contacts possible it is very important to transmit as much as possible. Your club's score will not go up if all you do is to turn that big knob on the radio. There are two basic methods of contesting. One is the 'Search and Pounce' method. Tune up and down the HF band for stations and call them. This one works fine if you are looking for specific states or DX countries or multipliers. But this method will result in only a low number of total contacts. By far the best way to operate on Field Day is to pick a spot on the band and sit on one frequency and call CQ Field Day. It may take a while, but normally you will get a pile-up going of stations calling you. Not only

do stations hear you calling but in addition, stations also hear the guys you are working so they stop to call you also. With the Search and Pounce method I doubt that you could make more, than about 20-30 contacts per hour because you must spend your time searching and then fighting the pile-up. Calling CQ FD gives you much better results, perhaps as many as 100 or more contacts per hour is possible.

***** BIG ANTENNA *****

I have just completed building a BIG ANTENNA that will be in use at Field Day. If this is not the LARGEST HF antenna that you have ever seen, I will buy you a coke. This thing is really BIG! You must come and see it.

***** HF TRAFFIC *****

Lately we have had several diasters that resulted in more than the normal traffic on HF amateur radio. If you are not familiar with what can be done on amateur radio you might be surprised at how much traffic is handled daily. Once I heard a guy calling a ham on 2 meters many times. When he finally got the person he wanted, it turned out he had a message that needed to be sent to a foreign country. There was a death in the family that this person needed to know about. If you have a message like this there are several ways to get it handled on the radio. If you have a general class license it is best to get on one of the HF traffic nets on 40 or 80 meters. Or if you can only get on VHF there are a number of local two meter nets that are affiliated with the National Traffic System. The ARES - RACES net on 146.82 Thursdays will take traffic, as will many other nets such as the NITE OWL NET (147.135) evenings at 10:30 or the Monday night EARS Information net (8 PM on 147.135). Net control will take your message and pass it on to the appropriate persons. Just about any of the local VHF nets will take on traffic. Sometimes you may be asked to handle traffic. On HF I heard a Ukraine ham (UB5IFB) calling CQ DX on 20 meters one night. He worked a couple of stations, then I made contact with him. As soon as he found out that I was in Oklahoma City, he asked me if I would call a local number here. I called the ham here in OKC and he got on his radio. However, the Ukraine

ham could not hear the local ham because he was only running a vertical antenna. Since I could hear both stations, I passed the information back and forth. It really made my day special to be able to help out. I have talked to UB5IFB two more times since then. On another occasion I was in Dallas at my father's QTH listening on 10 meters. There was a YL in Bolivia calling for an 'N5' station. After several calls with no answer, I put out my call. When she found out that I was in Dallas, she asked if I could make a local call to her father and ask him to turn on his radio. A couple of weeks later, I received a very nice QSL card from Bolivia.

***** UPGRADES *****

CONGRATULATIONS! At the Elk City Hamfest Terri easily passed the technician class test. She just got her new call - KB5RQT. Mike KB5BIX says he is proud of you. Does your call mean 'Run Quick Terri'?

Don N5KLI also has been doing some studying. He was in my 13 WPM class a few months back but got involved with a new project at work so he had to wait before continuing the code practice. He used a variety of study methods including on-the-air contacts but, said the random code from his computer at 20 WPM was a great help. Don came ready to the last test session to try for his 13 WPM test. He took the 20 WPM test just as warm-up, and he passed it! Way to go Don!

HAM HOLIDAY BANQUET

set for
7 pm on Saturday, July 25th

Join us
for an all-you-can eat buffet

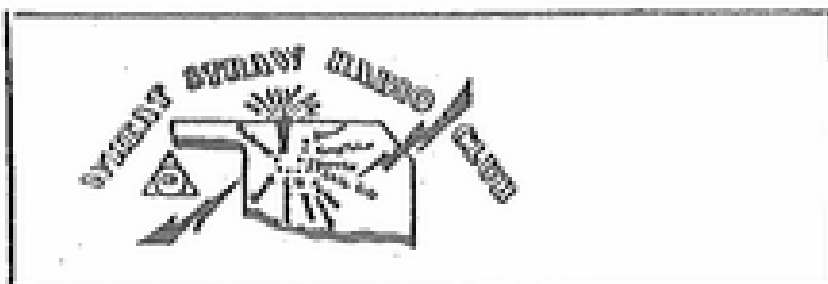
at the Harvest Buffet
(formerly the Heritage House)

NW 63rd & Northwest Expressway

Cost: \$8.50 per person

Tickets available in advance with your regular pre-registration or at the door.

What's big and hairy and flies to Paris in under four hours?
King Concorde!



The May meeting was moved from the tenth to the third of March, so we all could observe Mother's Day. Most of us that have lost our mothers have our wives to share this day with.

The May meeting was a covered dish dinner in the Red Rock state park south of Hinton. Sometimes things just happen. WZ5H our president for got to bring his gavel. Among the group things seem to go alright. AB5Z happened to have a claw hammer in the trunk of his car. The meeting was called to order with the hammer.

Before introductions, WZ5H, said the dinner was cooked by the best cooks west of the Mississippi river,

When introductions were made we had 39 present. Visitors were, K5JQH Stewart and wife Doris Kennedy from Chickasha, Debbie Grahamen Witchita, Ks. Clois Kirkpatrick Chickasha and Alan, Debbie, and Cassie Johnson from Chicago. That's driving a long way to come to the Wheatstraw meeting, Truthfully they were visiting grandpa N5-IKN Tom and grandmother N5ING Bertha of ElReno. Another visitor Gina Hyatt, Daughter of WA5VNF Mary Ann and WA5GHK Joe Hyatt of Kingfisher. We had not seen Gina for a very long time. She has grown up, a beautiful young lady, working in Kingfisher. Someone is going to steal her heart any time.

Other visitors whom will become part of the Wheatstraw family. WA5FLT Joe and Cathy Rose were married. Cathy has 4 daughters, three at home. They are Shavon 13 years old and in the 7th grade. Chelsia 9 years old, in the 3rd grade. Then the youngest Samantha 6 years old in the first grade. We welcome all of you with all the blessings of life.

The June meeting was first voted to be at Roman Nose park. No suitable place could be reserved. When reported on the Wednesday night net, WA5VNF Mary Ann invited the club to have the next meeting in their back yard. It will be June the 14th, a covered dish dinner at 1:30 pm. Bring food eating set ups and lawn chairs. The Hyatt address is 1100 west Fay, if you get lost call on the radio. Call on the repeater 146.61--.

Saturday May the ninth there was a VE test given at the town hall in Longdale USA. The town hall is only one room since Longdale is a small but nice community. Code test were first to be given. The rest of the persons were asked to go outside while the code was given.

I took a chair with me since there were plenty, I can't stand on my feet for a long period. We had visited for some time enjoying the beautiful day.

When all at once a shadow came from high up above. Whoa! it hit the walk way with a loud thud, in a squatting position it came up again with muscles drawn, fists clinched hollering whoa-yo!. My first thought was there really is a super man after all. But I was disappointed, they said he came through the door then up. It was WB9P-D Ron Tice he passed his general class. What he didn't tell us was he missed one question, WB9QEW Carla his wife didn't miss any.

There were six up grades to technicians. Arnold Lanning KB5RNS, Rhonda Lanning KB5RNV in the Carlton area with address out of Canton. Joe Anson KB5RNT, and Charlotte Anson from Oakwood, Ok. Rusty Farrell WD9-GFL of Longdale. Sue Barnes KB5RNU Longdale. She is the wife of AB5Z and has to put up with him. All of the above were students of WZ5H Leo's.

Leo has given a lot of time to the amateur radio society. We have got to give his wife Ann a lot of credit, she went out of her way to keep Leo free to teach the classes. A big thanks to both of you. I apologize to Charlotte Anson for leaving her call out. Her call is KB5RNR, sorry.

Then the queen of Mulhall USA WA5UEW Alice passed the Extra class. Congratulations go to all for working so hard and upgrading. I know Leo is proud of everyone.

WA5PFK Ralph upgraded to the extra class.

I had a list of those who were VE's helping Leo, but I can't find the list. Rather than leave some off I chose not to try to name them. Thanks to all of the VEs

I would like to invite all you amateurs to the Wheatstraw meeting and Wednesday night nets. Good hamming.

73 WA5PFK

* * * HOW'S DX * * *

With the change in seasons we are faced with a change in band conditions. Ten meters has gone away for the summer for the most part, but don't give up on the band completely. During the summer there will be times when 'sporadic-E' skip will allow you to make some great contacts with nearby states that you normally don't hear on ten meters. On 40 and 80 meters static really has made it difficult until much later in the evening and early morning. Sun spot activity has temporarily just about wiped out the bands on one or two days. However, on May 13th when band conditions were relatively quiet I heard VR6YL talking with a ham in the ten district. I broke in quickly during an exchange and was told to stand-by. VR6YL is Betty Christian, a ham operator located on Pitcairn Island and, one of the direct descendants of Fletcher Christian from the 'Mutiny on the Bounty'. The ship made its final landing on this small island in the Pacific over 200 years ago. While I was on stand-by I called Joe N6CL and Carol K5CPZ to let them know. I also got on 135 to Larry N5IXV and Tom KA5WAV. Betty came back to me and we talked for about 10 minutes. Then all the rest on frequency here in OKC also made contact with VR6YL. The island of Pitcairn is located about 1350 miles southeast of Tahiti in the South Pacific. It is only two miles by one mile and is the top of an old volcano. In 1790, Fletcher Christian and 6 others took over the Bounty, leaving old mean Captain Bligh and 18 crewmen adrift in the sea.

* * * NEXT MEETING * * *

Our next meeting will be the dinner meeting at the field day site - Logan County Volunteer Fire Dept. It is located one mile north of the intersection of Bryant and Waterloo. You travel north on Bryant until you see all of the antennas and cars. Field Day is Saturday June 27th. EARS board meeting will be at the EOC on June 17th at 8 PM.

SEE YOU AT FD 73, Jim N5OHL

Mike: Dad, the pastor says we're all here to help others.

Dad: That's right.

Mike: Well, then, what are the others for?

July 25-26

'92

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TABLES ONLY \$5...
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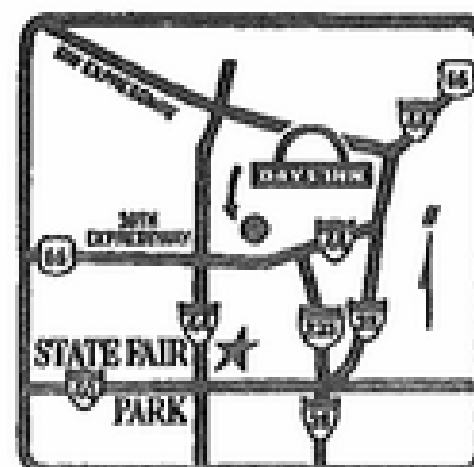
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OKLAHOMA
SATURDAY
EVENING"
DINNER!

VE EXAMS SATURDAY
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MEETINGS
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RFFOXHUNT
OKLAHOMA QRP
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		or 3 for \$5.00	\$ _____

Must be postmarked by Tuesday, July 21, 1992.

Pre-Registration Ticket(s) will be mailed to you if received by Saturday, July 11, 1992.

Send Pre-Registration Form with check or money order to:

TOTAL \$ _____

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