

Collector & Emitter

Central Oklahoma Radio
Amateurs, Inc. Publication

August 1998
Volume 24, Number 8
Issue 282
50¢

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N5FM Honored By S. A.

Code Disappearing From Seas



Communications

Tuning In The Tones
HF Digital

Last Ride of Q. R. Zedd

Field Day '98
Murphy Is Still Here

Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio
Amateurs, Inc.****President: Harold Miller, KB1ZQ****V Pres.: Brad Nelson, KJ0W****Secretary: Forrest Rush, N5VWF****Treasurer: Perry Jenkins, N5PJ**

Dear Subscriber:

PLEASE help us keep your information up to date. What time, where, when, who are your officers, editors, and their phone numbers. Check your entry, it can be changed. If there appears to be a mistake, check with your club officials. We can't do a thing about it if you don't let us know. Below is a sample label:

98/12 1 2 4 6
JOHN E. DOE, KA5ABC
1234 SW 56th STREET
RADIOVILLE, OK 74321-9876

The "98/12" means the year/month C&E subscription expires.

Dear Secretary / Treasurer:

When you want a change of any sort to your membership, you must completely fill out a subscription slip. Watch for the date you received their funds and the date the subscription expires. Have your slips, or list of deletions submitted by the Deadline of each month. If there is anything about C&E subscriptions you need to know, please contact us.

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P. O. Box 95942**Oklahoma City, OK 73143-5942**

1. Aeronautical Center ARC Meets: 1930L, 1st Thursday, FAA, S. MacArthur, OKC Pres.: Bob Kremer, WA9FCT 381-3182 VP: Chuck Bryant, KB5ZVZ 737-0423 Sec/Tr.: Brad Nelson, KJ0W 793-9470 Editor:	14. Cimmaron Amateur Radio Assn. Meets: 1930L, 1st Thursday, WX5Y Playhouse 827 S. 13th, Fairview Pres.: John Medley, N5WVU 580-227-3534 VP: Kenneth Monahan, KB5SOM 580-227-3064 Sec: Dennis Painton, WK5V 580-764-3599 Treas.: Nadine Painton, N5FMH 580-764-3599 Editor: Kenneth Monahan, KB5SOM
2. Oklahoma Central VHF ARC Meets: 1100L, 2nd Wednesday, Home Town Buffet, 3900 NW 63rd, Oklahoma City Pres.: Charles Greene, WA5JGU 943-5631 VP: Bob Ashby, W5HXL 942-5375 Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AJ 842-3055 Editor:	15. South Canadian ARS Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Dennis McCarthy, KC5EVH 447-2012 VP: Steve Pierce, W5BIV 329-7978 Sec/Tr.: Jeff Wyke, KE5EB 329-6762
4. Oklahoma City Autopatch Assn. Meets: 1930L, 3rd Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (Back Door) Pres.: Loyd Hargrove, AB5I 391-5723 VP: Sam Binkley, KL7V 942-2600 Sec: Austin McCaskill, NE5O 755-6522 Treas.: D. C. Macdonald, K2GKK 672-4947 E-mail: ocapa@juno.com	16. Broken Arrow ARC Meets: 1830L, 1st Monday, Broken Arrow Community Center, 1500 S. Main, Broken Arrow, OK Pres.: Jeff Scoville, KC5RTH 918-251-0132 VP: Bruce Bumette, K5PX 918-455-2599 Sec: Joe Horn, KC5VPO 918-451-0028 Tr: Harlan Kinney, K9GDK 918-251-2672 E-mail: w5bbs@juno.com
6. Altus Area Amateur Radio Assn. Meets: 1900L 2nd Thursday, Southwest Technology Center, Altus, OK Pres.: Ron Hughs, KB5UVC 580-482-7994 VP: Bob Casey, KC5CNC 580-482-7437 Sec: Alan Snider, KD5COH Unlisted Treas.: Doc Barker, KM5IO 580-726-3623 Editor: Alan Snider, KD5COH Unlisted	17. Ada Amateur Radio Club Meets: 1000L, 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Scott Renes, KD5AJL 436-1369 VP: Dwight Myers, N0RIW 436-4755 Sec: Danny Coffey, KM5LB 436-1271 Tr: Finis Hallmark, KC5YGB 384-5470
8. Choctaw Amateur Radio Club Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Duane Angles, KA5WRG 670-6163 VP: Mike McFarland, N5WNT 799-0612 Sec: Ron Ernest, WB9DAF 769-3207 Treas.: Editor:	18. Lawton Fort Sill ARC Meets: 1900L 1st Tuesday, Great Plains Area Vo-Tech room 301, Worley Center. Pres.: Terry Oates, KR5IYB 580-492-5743 VP: Mark Ewell, KC5IZN 580-536-2777 Sec/Tr.: Danita Haney, KC5YYU 580-549-6717 E-mail: w5ks@rli.net
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2nd Sunday, Location Varies Pres.: Ray Barnes, AB5Z 580-274-3334 VP: Joel Bennet, KK5XS 580-328-5213 Sec/Tr.: Joe Garland, WA5FLT 580-893-2660 Editor: Ralph Wilder, WA5PFK 580-623-5421	19. Tri-State Amateur Radio Group Meets: 1930L, 2nd Thursday, Woodward, OK Pres.: Duane Henderson, KC5NID 580-994-2223 VP: Jay Kruckenburg, KB5SOO 580-994-2751 Sec/Tr.: Larry Goodwin Sr. KC5NZC 580-886-2383 E-mail: W5OKT@unibuilt.com
10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Bruce Bumette, K5PX 918-455-2599 VP: Lu Fisher, K5YP 580-254-5641 VP: Jerry Chouninard, K5YAA 918-341-2659 Sec/Tr.: Mark Byard, N5OGP 580-762-1966 Editor: Mark Byard, N5OGP 580-762-1966	Your Club's Info Could be in this Space! If they were a CORA Member Club.
11. Edmond Amateur Radio Society Meets: Odd Months, 1400L, 3rd Sunday, St. John's the Baptist, Even Month, Dinner, 3rd Saturday Pres.: Jim Richardson, N5OHL 524-0456 VP: Steve Kuper, KC5RYT 722-5789 Sec: Sharon Thompson, KM5GV 844-6245 Treas.: Carl Shortt, KM5PA 359-1135 Editor: Steve Kuper, KC5RYT 722-5789 E-mail: kc5orp@juno.com	Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (BackDoor) Pres.: Harold Miller, KB1ZQ 672-7735 VP: Brad Nelson, KJ0W 793-9470 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, N5PJ 354-5075 Editor: Harold Miller, KB1ZQ 672-7735 E-mail: n1lpn@swbell.net

Deadline for September 1998 Issue of *Collector and Emitter* is Friday, August 28, 1998. Send all Articles to *Collector and Emitter*, 4216 Spiva Drive Del City, OK 73115-4424 on 3 1/2 inch floppy or e-mail to n1lpn@swbell.net. Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.

Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for July 18th, 1998.

The meeting was opened by the President of CORA, Hal Miller, KB1ZQ. There were eight directors present representing four clubs. These were the VHF Club, OCAPA, EARS, and SCARS. Also present were three officers and the Oklahoma Section Manager, Coy Day, N5OK.

The meeting was devoted entirely to Ham Holiday 1998.

Dealers

At this time (18 July 1998) we have twenty confirmed commercial vendors coming to Ham Holiday. These include Alinco, MFJ, Ameritron, etc.

Flea Market.

The Flea Market will be full. We are 50 percent sold out with more calling every day.

Programs.

The Fashion Show was canceled by the ladies. There will be a craft demo / class instead, hosted by NILPN

Security.

The Midwest City Explorer Post will handle daytime security; night-time security has been arranged.

VE Testing.

There will be split sessions for VE testing. Registration for first session opens at 10 a.m. and closes at 10:30 a.m.; The session will last till noon. Registration for the second session opens at 2 p.m. and closes at 2:30 p.m.; the second session will last till 4 p.m.

Royal Order of the Wouff Hong.

At 9 p.m. the doors to Modern Living will be shut until the show re-opens on Saturday. The Royal Order of the Wouff

Hong will hold initiation ceremonies for all interested amateurs at the Hobbies Arts and Crafts Building at midnight on Friday, July 24th. There is no charge.

Joe Harding Scholarship.

The winner of the 1998 Joe Harding Scholarship is Yvonne Rebecca Mateyko, KC5JXR from Altus. She intends to attend the University of Oklahoma and study for a medical degree. Good Luck, Yvonne!

Special Guests.

I have notified every past officer of CORA about the 25th Ham Holiday. Certificates in Honor and Appreciation of their past service will be given out at the close of Ham Holiday 1998.

As noted in the C&E, no prizes will be given away. Instead CORA will hold hourly silent auctions for smaller prizes, and Silent Auctions for the life of the show for the large items.

The next meeting will be held at Salvation Army Divisional Headquarters at N. Pennsylvania and NW 50th St. in OKC. The meeting will start at Tuesday, August 25th, 1998 at 7:30 p.m.. Hope to see you there.

Respectfully submitted,

Forrest Rush, N5VWF
CORA Secretary

July CORA VE Session

On Monday, July 20 the VE session was held at the Salvation Army location in Oklahoma City. As in each month throughout the year the July session was held on the third Monday of the month at 6:00 PM. This date in OKC, as you will recall, was in the midst of our horrific heat wave of 1998. The VE session in July was the 10th straight day of 100 degrees or more. How many such days have we endured since? The count was at 13 as this is being written with the projection of stopping the count right there. Let us hope that our extreme temperature count does not approach the home run chase currently underway in major league baseball (45, presently).

Okay already, back to the test session. The Volunteer Exam team was in the

ready mode with test materials, tablets and smiles present. Amateur Radio exam applicants were, as well, ready for another opportunity for success. When the final whistle blew on this session the results were posted as follows:

2-Taking exams
3-Elements attempted
0-Passing exams
0-Elements passed

Well, let us anticipate much better results the next time through. It is disappointing to not pass but happiness will be in abundance at the next session when passing of these tests is prophesized. Elsewhere in this publication you will likely find the write-up of the Ham Holiday 1998 test sessions. Plenty of upgrades and passing of various elements occurred. Keep up the good effort cause we will be ready for you at the next CORA session, which will be held on Monday August 17 at 6:00 PM. Test site is the Salvation Army Headquarters located at the intersection of Penn Ave. and Northwest Expressway (southwest corner).

Sure enjoyed seeing plenty of friends at Ham Holiday 1998. What a great event with a tip of the hat to the organizers. Very well done! Till next month

73, WB5SYT-John

Ham Holiday 98 25TH Annual Hamfest

Well another Ham Holiday has come and gone. We are still alive and doing fine. A full report will be given in the next issue of the *Collector and Emitter*, after the next CORA meeting on August 25, 1998.

The officers should be recovered and have had time to compose the needed reports.

The hamfest went very smoothly this year, I don't know if it's because we have done it enough to guess where the bugs might be or what. Everything fell into place. We arrived at 7:15 a.m. on Friday to open the doors to allow us to set up. MFJ was already there to unload. Shortly after 8:00 a.m. WB0W and Radcomm

Radio arrived to set their booths up. And as things went the rest of the dealers / vendors arrived. Even Alinco's drop shipment of their booth arrived on time. We were actually ready to open the doors at noon.

Flea market folks arrived and things started filling up. At 5:00 p.m. Friday the doors officially opened. We started the dreaded (at least to us) Silent Auctions. Bidding started slow but finished heavy.

Over all the hamfest went over well, we even managed to assist in the recovery of a reportedly stolen Yaesu 1000D. The accused individual was apprehended by our security people and handed over to OKC Police, he was later released due to the fact that his grandfather refused to press charges for fraudulent credit card use.

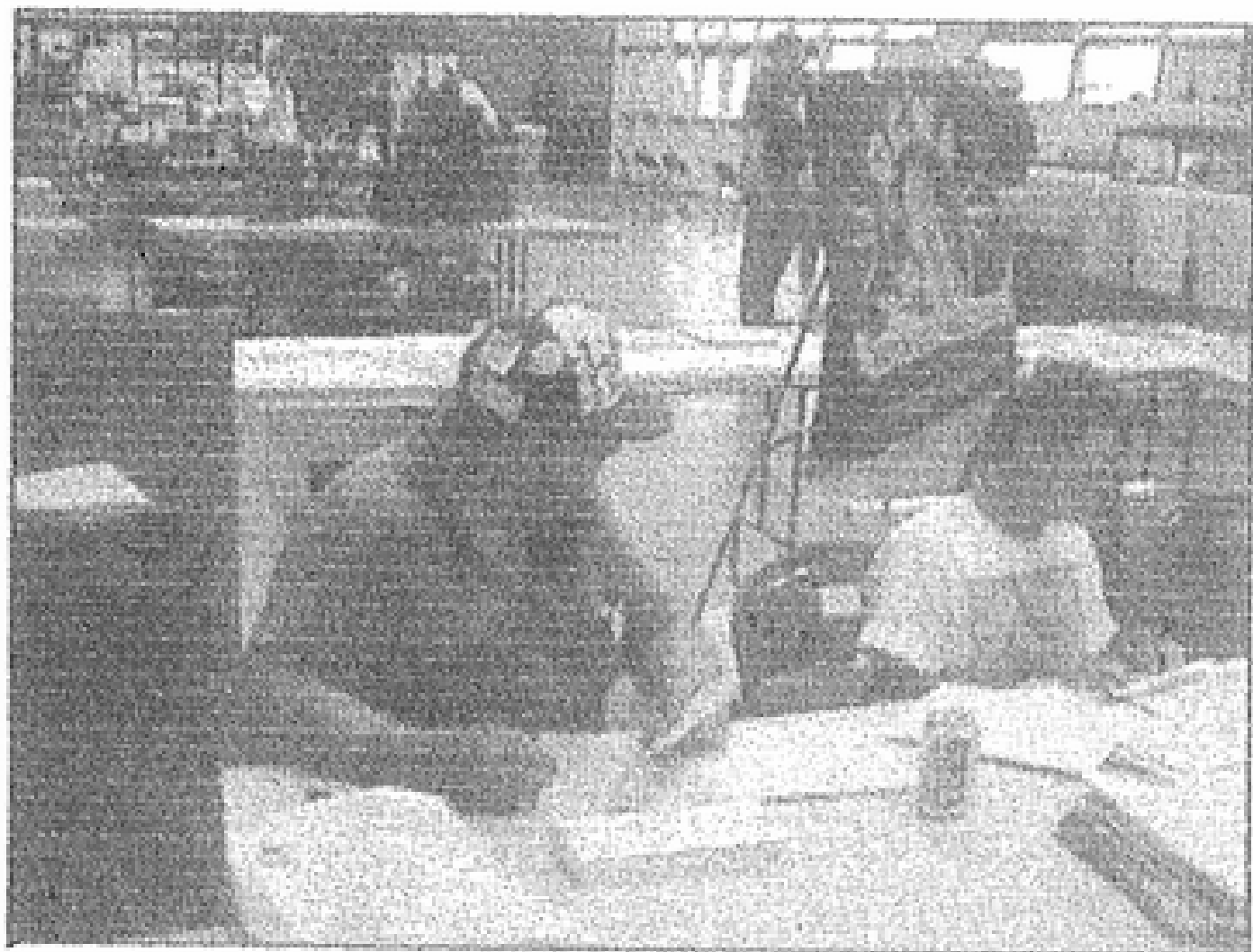
On Saturday, the show opened with a good turnout and then by early afternoon the public disappeared. We finally watched as the floor cleared and hung on until the 4:00 p.m. deadline for the Silent Auction to close. We raised over \$1500 for the CORA scholarship fund.

We finally went home when WB0W kicked us out of the building, he was the only one left to finish loading.

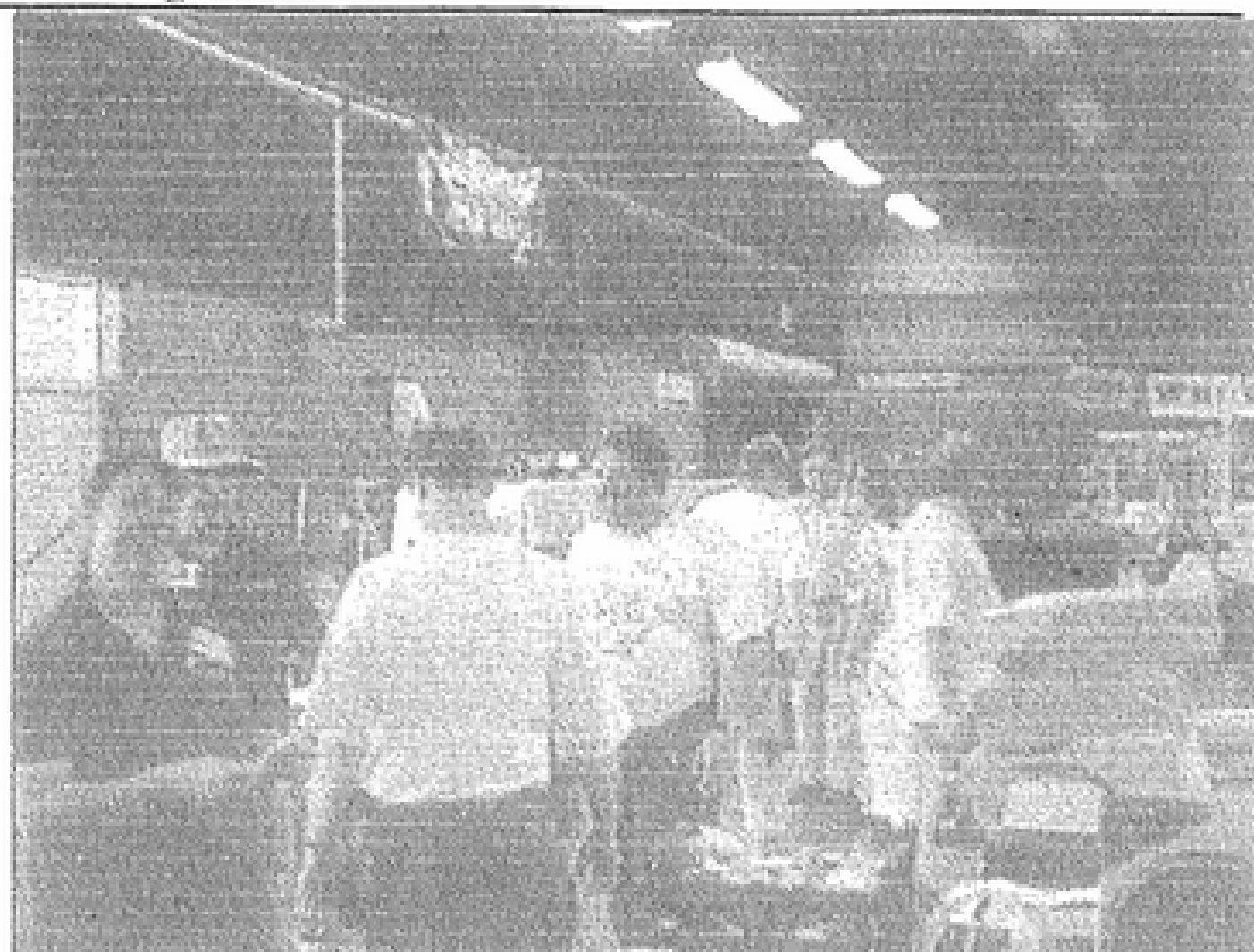
The reports and e-mails we have received have been favorable and hopefully all reports will confirm this. Hope to see you at next year's show.

Please visit the CORA homepage and leave your comments on the hamfest there, Jerry, KJ5KP has set it up to receive your comments:

www.geocities.com/heartland/7332



The ARRL / QCWA Booth with Gene, K5DLE and Regina, KK5FX



A large group of folks near the front of the show, Carrol, KC5EXR; Tom, WA9AFM; Perry, N5PJ; Mark, KC5CXP; Jerry, KJ5KP among those in the photo.

Ham Holiday '98 Testing Results

As a result of successful testing at Ham Holiday '98, new licenses or upgrades were posted by the FCC Friday July 31, 1998:

Call	Name	Class	City
<i>Upgrades:</i>			
K5IGB	Ronald E. Tucker	Extra	Yukon
KK5TF	Randolph Wingfield	Extra	Bethany
W5FBO	Robert L Graham	Extra	Oklahoma City
KB0NTD	Charles E Hollar	Extra	Liberal, KS
N5AVV	Jonathan D Wright	Extra	Hartshorne
KD5AYN	Nancy S Myers	Tech Plus	Ada
KM5RZ	Finis G Hallmark	Advanced	Mill Creek
AC5QY	Harold C. Anderson	Extra	Lawton
(Was KM5RH)			

New Licensees:

KD5EXH	Stacy A. Jobe	Tech	Noble
KD5EXI	Diana Cunningham	Tech	Duncan
KD5EXK	Christopher R. Price	Tech	Norman
KD5EXQ	Ronald Barszewski	Tech Plus	Oklahoma City
KD5EXL	David R. Lamb	Tech	Lawton
KD5EXM	Marie T. Wilson	Tech	Ada
KD5EXN	Sharland Kirkpatrick	Tech	Chandler
KD5EXO	Kim C. Taliaferro	Tech	Tulsa
KD5EXP	Gene W. Watkins	Tech Plus	Lawton

Congratulations to all who those named above and thanks to everyone who helped with the VE testing!

73,

Jim, NW0K

Chit-Chat

by Linda, NILPN

A gift beyond measure...

Mike was just 17 years old and the High School was holding a Blood Drive, he hated needles yet here he was handing me a permission slip to sign. He wanted to give blood and knowing that a needle would be required, did not change his mind. I signed the paper wondering if I was doing the right thing, after all he was still just a kid in my eyes.

The Blood Drive came and like an old pro, he gave and said it was no big thing. He favored his arm for the next few days but pride stopped him from saying a word. To him it was a rite of passage. He had gone from being a kid to a very caring young man. He had become a blood donor.

Time passed and we both forgot about the Blood Drive. Three months later, around 2:00 pm our phone rang and it was for Mike. I explained he was still in class and would not be home for another hour. It was the Blood Bank and they needed to talk to him as soon as possible. I told them I was his mother, could I help? As I listened I realized why Mike was needed and promised I would have him return the call.

At 3:15 pm, Mike was told the same thing I had learned earlier and without a second thought, we were in the car headed for the nearest Blood Bank. Mike has a very special and rare blood type and his blood can mean the difference between a premature baby, requiring blood, living or dying. His blood is commonly known as Baby Blood and is collected in a special bag. We never knew who was waiting to receive his blood that day but someone arrived as Mike was finishing up from the hospital. They packed the life saving blood into a cooler and off the guy went back to the hospital.

Since that day, Mike keeps a calendar and marks it when he is due to give blood once more. He has missed a few months here and there over the past two years. They call him when it is an emergency and he always gives. He is now 19 years old and

is on his way to earning his second gallon pin.

This past Christmas Eve while most people were out getting last minute shopping done for Christmas, Mike had something else in mind. He went to the Blood Bank and gave blood. We had never seen the blood bank as busy as it was that day. That Christmas Eve I saw love flowing all around me, strangers connected by the heart, all gathered in one place from all walks of life, to give the gift of life.

Mike believes everyone's Blood is special and if you are healthy, it is a gift beyond measure. It is something we all have and yet many who are able to give, refuse to be bothered. Mike says he could never refuse to give blood. He never wants to wonder if he refuses to give, would he also deny someone else a chance at life. For him, giving is as natural as breathing. It takes about 35 to 45 minutes to fill out the paperwork and give blood, less time than most people think. The kid still has a mild fear of needles but says it is easier to handle when you become a regular and can have the same person take your blood each time.

For all of you who give Blood, like Mike, faithfully. Thank You! Your gift saves lives and sets an example for others to follow. The Edmond Amateur Radio Society gives blood as a club and has for years. If you would like to know how to get your club involved, contact your local Blood Bank and bring the suggestion before the club members.

HH98... "A grunt's work is never done."

Growing up, I remember my dad use to make the statement about grunt work a lot. He was a Survival Instructor in the Air Force Reserves and it did not matter if someone was a 'full bird or an airman', they all learned to do grunt work to survive in the wilderness. Teamwork was the key to any exercise and no one was above any task needing to be done. They were all joined together working toward a common goal.

A hamfest is like that, people brought together working toward a common goal. We set aside our differences and work as one. Each person who helped with this

year's HH 98 were blessings and worked very hard to bring you our hamfest and to make it the success that it turned out to be. A few boycotted the hamfest due to the fact we had chosen to abide by the OK state statutes concerning Raffles/ Lotteries and not commit a felony by holding door prize drawings. They only ended up hurting themselves, besides I wonder how many of them would have been willing to be convicted on felony charges just to give away a door prize?

For those wondering where I was located during HH 98, I was in the far back corner of the building in the fleamarket area most of the time. I was the registration person for tickets and tables being sold in the fleamarket area during the show. Saturday I had my cat, Little One with me. I taught two craft classes, one on Friday evening and one on Saturday morning for anyone wishing to attend. We made Beaded Wire Angel Pins and although they looked hard to make, they were not. They did take time to make but I believe everyone who made one will tell you it was time well spent.

Now it is time to write thank you cards for all our dealers who came to our show and update our mailing list for next year. August at the CORA meeting we begin plans for the next hamfest. We would like to hear from those of you who attended this years' hamfest. Please take a few minutes and log on to our web page, www.geocities.com/heartland/7332, and send us your comments. Our hamfest is a service to the ham community and we attempt to bring to you dealers, programs and special displays, all to enhance your enjoyment of the hobby. Keep comments civil and we will listen. E-mail me at nilpn@swbell.net if you do not have internet capabilities. As my dad always said, "a grunt's work is never done."

Was that you I saw on TV?

I was hoping no one would be watching channel 4 Ten p.m. newscast a couple of months ago. (Hal only watches channel 9.) I was part of their opening story and had tried to talk them out of it but lost the battle.

Here is what happened. On a Saturday morning, after mailing the C&E's, I asked

Hal to swing by the store on the way home. We had the cat with us which meant Hal would stay in the van while I was inside. He had the newspaper with him and had planned to read while I was gone. It took me about 15 to 20 minutes to do my shopping and when I walked out of the store, the scene I saw before me was unreal.

Hal was standing in the middle of the parking lot, talking on his cell phone, pointing toward the back of the parking lot, bag boys were running in the direction he was pointing as well as others. I looked toward our van and a lady in white pants was muddy, bleeding and sliding to the ground in front of our van. I told my bag boy to put my stuff in the van, I was going to help the lady. (The kid was a friend of Mike's and knew me).

I provided basic first aid until EMS arrived for the lady. Hal helped the police and told them what had happened. She had just come out from the store with three small bags and was parked in front of our van. A young man came running up, body slammed her against her car, threw her onto the ground, grabbed her purse and took off running. He did drop her purse, he had 6 guys chasing him by that time. He made it to his car but they did manage to get his tag number as well as make and model of the car. The police were given the information.

Channel 4 felt that the story was worth telling. They were calling us heroes and Good Samaritans. They showed up at my front door with a camera crew, they wanted a story with a happy ending for a change. My problem was I do not see what we did as anything special. Someone was hurt, needed help and we were there. It was the right thing to do, we both acted without thinking about it. Afterwards, I kept the lady in my prayers, she had a very serious bump on her head. Four days later, she called me and was recovering, it had been touch a go for her the first few days. I know in my heart that if any of you had been there instead, you would have done the same thing we did and helped someone in need.

Until next month...

Virginia version of WIN98

MICROSOFT NEWS RELEASE:

(for immediate release)

It has come to our attention that a few copies of the Virginia edition of Windows 98 may have accidentally been shipped outside Virginia. If you have one of the Virginia editions you may need some help understanding the commands.

The Virginia edition may be recognized by looking at the opening screen. It reads WINDERS 98 with a background picture of the General Lee super imposed on a Confederate flag. It is shipped with a Daisy Duke screen saver.

Also note:

Recycle Bin is labeled Outhouse,
My Computer is called This Infernal Contraption,
Dialup Networking is called Good Ol' Boys,
Control Panel is known as the Dern Dashboard,
Hard Drive is referred to as 4 wheel drive,
Floppies are them little ole plastic disc thangs.

Other features:

Instead of an error message you get a winder covered with a garbage bag and duct tape.

COMMANDS:

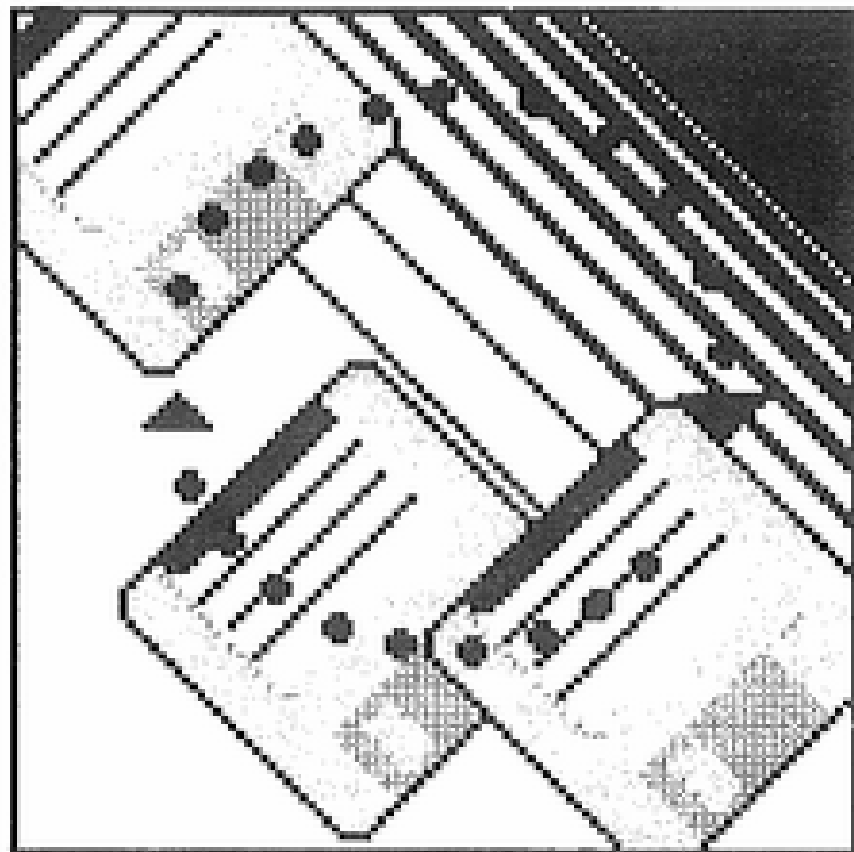
OK = ats aww-right
cancel = hail no
reset = awa shoot
yes = shore
no = Naaaa
find = hunt-fer it
go to = over yonder
back = back yonder
help = hep me out here
stop = ternit off
start = crank it up
settings = sittins
programs = stuff at does stuff
documents = stuff I done done

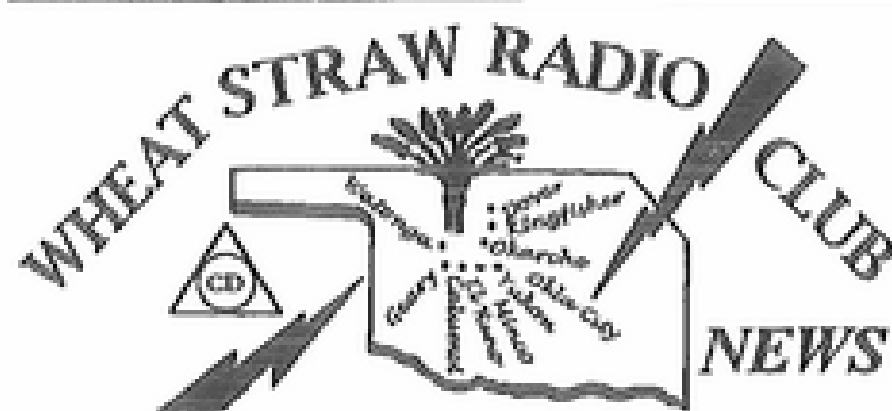
Also note that winders 98 does not recognize capital letters or punctuation marks.

Some programs that are exclusive to winders 98:

tiperiter.....A word processor
colering book.....a graphics program
addin mershene.....calculator
scratch papernotepad
jupe-boxCD Player
inner-net.....Microsoft Explorer
pichers.....A graphics viewer
IRS.....M/S accounting software
IRS2.....M/S accounting software
with hidden files
coon dog.....American kennel club
records
fishin.....Bass Anglers Sportsman
Society records.
NRA.....National Rifle Association
shot gunRemington Arms price list
riffel.....Winchester price list
pisstel.....Smith & Wesson price list
truck.....Ford & Chevrolet dealers
in VA. by zip code
house.....Nearest Mobil home repair
service by zip code
carsame as truck, just need
two lists in Texas
cuzzins.....family history usually a 3
meg file
tax records.....usually an empty file
shells.....ammunition inventory,
another 3 meg file
bud.....list of Budwiser dealers
by zip code
racin.....NASCAR racing schedule
includes list of TV stations that carry the
race
car n' truck Parts.....nearest Junk yard by
zip code
docveterinarians by zip code

We regret any inconvenience it may have caused if you received a copy of the Virginia edition. You may return it to Microsoft for a replacement version.





Wheatstraw Amateur Radio Club

July Meetings

July 12, 1998 meeting was called to order by our President Ray, AB5Z. The meeting was held in the community room of the Watonga State Bank. There were fourteen members present.

Some of our members were home sick, others had company and couldn't make it. We would like to wish all of our members battling illness, a speedy recovery.

Minutes of the previous meeting were read with no corrections or additions. They were accepted as read.

The club talked about plans for three different meetings at the same time, skipping from one to the other. Talking about the September meeting, I asked, "you mean the August meeting?" and the answer was, "No, the August meeting was planned last month." Well, Goldie and I did not attend last month's meeting. Then I asked, "will you please type up the meetings that were planned while I was absent so I can straighten out which one is for which month and write them down for everyone to read in our clubs news?" Mary, KB5FOR kept last months minutes and brought me them.

This happened on the 12th of July and this is the evening of the 22nd of July. I have learned from talking to Leo on the air that our August meeting will be held on the 9th of August. It will be a covered dish dinner served at 1:30 p.m. The meeting itself should start around 2:30 p.m. Place is the Canadian Shelter on Canton Lake. Everyone is welcomed to come and asked to bring a covered dish as well as your plate, napkin, fork and spoon to eat with. The covered dish dinner is what we have done in the past, they just forgot to tell me it was time for one.

Directions to the Canadian Shelter: From Canton, go West from the red to the farm store, turn right, go North on past the road across the dam to the road that goes North on the East side of the old air strip. When you drive to the lake shore, you are there. Park and get ready for a good meal with fellow hams and stay for the meeting as well.

Johnny Made a motion for the club to send a memorial for Ray's mother. The motion was seconded by Jim, N5VDY. Motion carried.

Leo, WZ5H asked that we cover him in our prayers on the 22nd of July when he is being operated on. Let us not forget his request.

Johnny made the motion we close the meeting and have refreshments. Seconded by Leo, WZ5H. Motion carried. Meeting adjourned for sandwiches, deviled eggs garnished with sliced pickles, fried chicken, cakes, homemade ice cream and several other tasty treats. To drink we had tea, soft drinks, and coffee.

Ralph, WA5PFK

Barry M. Goldwater, K7UGA SK

Senator Goldwater lived a good and interesting life. He died of natural causes at his home in Paradise Valley, Arizona at the age of 89 on May 29, 1998.

After graduation from Sauton Virginia Military Academy, Barry joined the Army in 1930 as a Second Lieutenant and quickly rose through the ranks. He entered politics in 1952 as a Senator of the United States. Twelve years later, he was nominated to run for the office of President of the U. S. It was 1964 and Barry lost to Lyndon B. Johnson.

Barry Goldwater retired from the Air Force Reserves with the rank of Major General in 1967. He was re-elected to the Senate in 1968.

In 1985, Peggy his wife of more than 50 years passed away. In 1987, Barry retired from the U. S. Senate at the age of 83 and married Susan Wechsler. His health had began to fail in 1986 when he suffered a stroke. He was in the early stages of Alzheimer's Disease at this time as well.

Barry Goldwater was a life member of the Amateur Radio Relay League. He served as President of the Quarter Century Wireless Association in the early 1970's. His call sign was K7UGA.

Senator Barry M. Goldwater will truly be missed. He was respectfully laid to rest on June 3, 1998.

(From WY5I Report)

FCC reduces cost on "Vanity" call signs

The Vanity Call Sign Regulatory Fee will drop to the lowest cost yet effective September 14, 1998. Before 'vanity calls signs', amateur Radio operators were assigned their call signs by the FCC and had no choice of what they were assigned. With the Vanity Call Sign now available for a fee, an amateur radio operator sends in a list up to 25 call signs and the FCC selects from that list the licensee's new call sign if possible.

According to Terry Johnson, N4ECF in the FCC Office of Managing Director, the new fee will be \$13.00, payable in advance for the ten year term of the license. The current vanity call sign application fee is \$50.00. The reduction in fee is nearly 75%!

For those who paid the \$50.00 fee and hoping for a refund, sorry. The FCC has no plans to refund the difference between the current fee and new fee. If you send in your Application between now and when the new fee goes into effect, it will still cost you \$50.00!

(from WY5I Report)

Love Budded in Autumn

by Loise Pinkerton Fritz

He meant her at the old feed mill,
In the Autumn of the year,
When leaves were turning color,
And the days were crisp and clear.

It was the harvest time of the year,
And grain had to be ground:
At this feed mill with a water wheel,
His first true love be found.

She was a freckled, pigtailed lass,
Who tagged along with Gramp;
He was a barefooted country boy,
Who came there with his Dad.

He met her at the old feed mill,
When the land was harvest-crowned;
She just a lass, he but a lad,
Now in wedded bliss long bound.

Pearls of wisdom...

No garden is a failure if your neighbors' chickens take first prize at the poultry show.

Be true to your teeth and they will never be false to you.

Happiness is making a mistake when there is no one else around to notice.

It is tough to solve problems by using the same kind of thinking we used when we created them.

It is not just enough to give good service; the customer must perceive the fact that he or she is getting good service.

It is important to take a client seriously in every respect, especially about the little things.

Claimed to be the smallest Post Office in the U. S. A.

We thought it might be the smallest Post Office in the U. S. A. It was featured in a magazine with a story and pictures, but lots of letters were written and mailed in claiming they had our town, Frogtown, beat. William Keith of Naples, Florida claimed, "The Post Office in Ochopee, Florida is considered the smallest in the United States."

The magazine company decided to check out the claims. They checked with Ochopee Postmaster, Naomi Lewis about the post office size and sure enough it was tiny, measuring just 8 feet 4 inches by 7 feet 3 inches!

Originally the building was a storage shed for irrigation pipes. In 1953 the little shed was pressed into service as a Post Office when the Ochopee's General store burned down, which also had housed the town's Post Office.

In spite of the size and tight quarters, this little Post Office offers full service. It provides service to 300-stop carrier delivery route in portions of three counties in the Florida Everglades.



VHF Club

NEWS

W5LOW

Elmer Goekler Memorial
Station

Oklahoma Central VHF Amateur Radio Club

Minutes of VHF Club Meeting.

The Central Oklahoma VHF ARC held the July 8th meeting at Home Town Buffet, 3900 NW 63rd. President Charlie, WA5JGU was not present because of a Drs' appointment. The meeting was called to order by Bob, W5HXL, who had each member in turn tell something of themselves. Lotsa Pearls of Wisdom in this group. Meeting started at 11:45 with 23 members present.

Treasurers' report was given by Jim, W5AI and approved.

Minutes of the last meeting were approved.

Nothing was brought up under Old Business. Under New Business the Calling Committee again was thanked for their work, and the good turn-out. Again, a couple of members are in the hospital and they have our best wishes. MFJ: Two members visited one in hospital and asked nurse how he was getting along. She replied that he was fine and was convalescing now. They said well, Okay, they would just wait in the hall.

There was a general discussion about changing the meeting day and decision was made to keep same time and place.

The food was extra good and this time three members over-ate.

73, de J.R. KB5WVE

E-Mail Junkie

You know it's time to join E-Mail Junkies Anonymous when...

1. You wake up at 3 am to go to the bathroom and stop to check your e-mail on the way back to bed.
2. You turn off your modem and get this awful empty feeling, as if you just pulled the plug on a loved one.
3. You spend half of the plane trip with your laptop on your lap...and your child in the overhead compartment.
4. You decide to stay in college for an additional year or two, just for the free internet access.
5. You laugh at people with 14.4-baud modems.
6. You refer to going to the bathroom as downloading.
7. You don't know what gender three of your closest friends are, because they have neutral screen names and you never bothered to ask.
8. After reading this message, you immediately e-mail it to a friend.

JY1 visits U.S. clinic

Jordan's King Hussein, JY1 came to the United States last week to undergo medical tests at the Mayo Clinic in Rochester, Minnesota.

The 62 year old monarch, who had cancer surgery at the clinic in 1992, arrived late Tuesday, July 14th according to a clinic spokesperson.

Before leaving Amman, the king said on Jordan Television that he had been suffering from intermittent fevers and that his symptoms could not be diagnosed precisely except at the U. S. clinic. Last January, JY1 was treated in London for a bacterial infection which he said caused exhaustion and similar occurrences of the fevers.

(Via published news reports)



Oklahoma City Autopatch Association

Meeting Minutes

The regular meeting of the Oklahoma City Autopatch Association was opened at 7:35 p.m. on July 21, 1998 at the Salvation Army Building, Oklahoma City, OK by the Secretary, Austin McCaskill, Jr., NE5O, in absence of the President and the Vice-president. The Vice-President, Sam Binkley, KL7V, arrived immediately thereafter and assumed the chair.

The chair declared that a quorum was present, and the business of the meeting was then conducted.

Field Day Report- Don, KC5BRO gave the Field day Report. He reported that the total cost was \$407.08, well under budget. The keys have been returned and the event was successful. Brad, KJ0W is preparing the filings to mail in to the ARRL. Brad reported that the dipoles were not working well, and he suggested that we test the dipoles the weekend before Field Day next year to avoid this problem.

The generator ran flawlessly throughout the whole weekend. We ran 75 gallons of fuel through it. Hal, KB5ZQ suggested that we have a site plan drawn out well before Field Day next year, so that we can set up with less confusion. We also discussed possible locations for next year. The Omniplex, the Fam Camp at Tinker, several churches, and other locations were considered.

After discussion, the following motions were duly adopted: MOVED, that a committee be formed to examine possible sites for Field Day 1999.

Further MOVED, that Basil Shirley, N3VMJ be designated as Chair and Forrest Rush, N5VWF be designated

vice-chairman. The third member is John, N5SAM. Moved that the Committee be directed to reserve Deer Creek School in case another suitable location cannot be found.

Ham Holiday Report:

Hats will be available at the Ham Holiday. The club can contact the people there about club hats and Ham Holiday starts 5pm - 9pm Friday night. 8am to 5pm Saturday. We are now running about the same in pre-registrations. There are 20 commercial businesses coming in under their company name in the show, including, Alinco, MFJ, Ameritron, Mirage, and Ventronics. WB0W, K&E Electronics, Premier Communications.

There will be no door prizes at the Ham Holiday because these are now considered a felony in the State of Oklahoma. There will be a silent auction for an ICOM 706MKII, An Alinco dual band mobile, and an ADI dual band radio suitable for satellite work. The highest bid on Saturday wins.

Setup will begin 7:30 or 8:00 am on Friday. Volunteers are needed to help set up.

ARRL Report - Austin McCaskill, Jr., NE5O, reported that the ARRL has proposed a new four level licensing structure.

New Business: There is an unlicensed user using the repeater. He has given his name over the air.

At 8:45 the meeting was adjourned.

Austin, NE5O
Secretary

Frank McCollum honored by Salvation Army at 1998 Ham Holiday

The Salvation Army honored Frank McCollum, N5FM during the 1998 Ham Holiday held July 24-25 at the Oklahoma State Fairgrounds in Oklahoma City. At an amateur radio emergency services seminar held Saturday, Maj. Steve Lanier thanked McCollum for his commitment to

The Salvation Army and his years of volunteer service.

Lanier said in honoring McCollum, the Army also wanted to express its gratitude to all volunteer ham operators for their service during tornadoes, fires, floods, and other disasters. "No matter what the situation, Frank is always on top of it," said Lanier. "He often knows about things before we do. He hears it on the scanner and then calls us." Lanier also praised the vital service ham operators provided to The Salvation Army and other agencies during the relief efforts following the Oklahoma City bombing.

"The Salvation Army has to have volunteers like Frank McCollum and the other ham radio operators in order to be successful in its work," said Lanier. "We pray that we will continue to merit your trust in our work."

Lanier told the group of approximately 30 ham operators and emergency service agency representatives that McCollum instituted a partnership between the ham operators and The Salvation Army's Arkansas - Oklahoma Divisional Headquarters more than 10 years ago. The partnership proved so successful, it is now duplicated in Salvation Army corps offices across Arkansas and Oklahoma. McCollum recently turned over station operations at the Army's Divisional Headquarters to Central Oklahoma Radio Amateurs Vice President Brad Nelson. McCollum said that he will be spending more time traveling the two-state region helping other Salvation Army corps officers and their local ham radio groups forge partnerships and set up operations bases.

Agencies presenting at Saturday's Ham Holiday ARES seminar included The Salvation Army, the Oklahoma State Department of Emergency Management, and the National Weather Service Forecast Office located in Norman, Okla.

Written and submitted by Yvonne Anderson, public relations director, Arkansas - Oklahoma Divisional Headquarters, The Salvation Army.

Ada Amateur Radio Club

Hello from Ada, OK . The Ada ARC meeting was held on July 11, 1998 because of the July 4th holiday. The meeting was called to order at 09:15 local.

The financial report was read and approved by the membership. There was discussion about how we need to pay our dues on time instead of waiting for reminders. The cost of postage is rising constantly.

We will try to post reminders in the *C&E* in December and January about club dues, also we may try post cards instead of letters to reduce the cost of postage for the club.

Field Day was very successful for our club and things went very well. We had good participation by the members and most had a good time, though the heat did cause a few problems, the only equipment casualty was KB5UAF's laptop computer which lost its data so we may not have a way to retrieve the band data off the hard disk.

A few brave souls decided to stay the night and brave the heat in camping tents so they could operate all night. Bill, KC5WBI went most of the event on 40 meter's and was still hard at work Sunday as we were tearing down the antennas, he kept at till the very end and had a good number of contacts, but the logging computer for 40 was the one that crashed!

Again many thanks to Charles, KC5TGA for the great brisket, to Nancy, KD5AYN and Dwight, N0RIW for the food committee duties of pop, chips and other snacks also to the others I can't recall right now for the cooler's of punch and soda .

Sam, KM5IY brought some interesting pictures of field day to meeting and caused a smile for quite few of us thanks again Sam for the photos. Also I hope we can remember to take the time to thank the many people such as Heartland

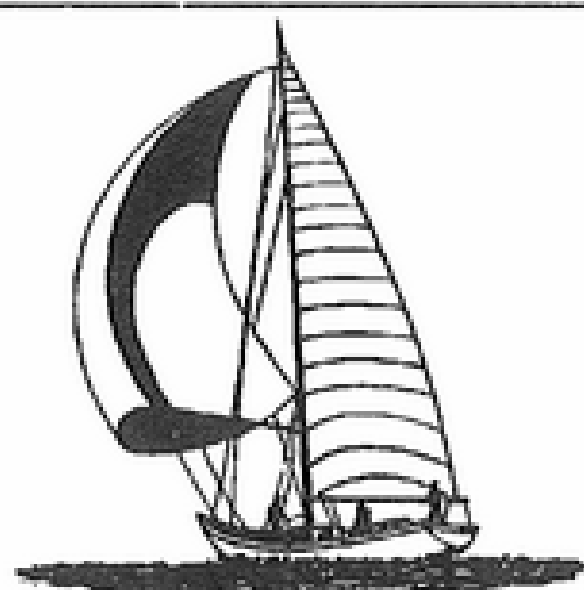
Wireless for the tower truck and Criswell's for the awning and the City of Ada for the use of the airport facilities.

Thanks are in order to Roy, KB5STV; Mason, WT5X; Cal, W5LJ and Wendell, W5WYN for holding another testing session for a few aspiring people.

Also the parts for the 147.285 repeater are still on order and we hope they arrive soon.

We hope that everyone had a safe and fun 4th of July and we see you at Ham Holiday in OKC .

Danny Coffey, KM5LB
Secretary Ada Amateur Radio Club



Morse disappearing from the high seas

Morse code will disappear from the high seas as of March 1st, 1999. This is the date when all passenger ships and cargo ships over 300 gross tons will no longer be permitted to use Morse code for distress calls.

The International Maritime Organization says that Morse is being phased out because its many drawbacks. These include the need of years of training and practice for operators to use it. The IMO says that if something happened to the radio operator it is unlikely that

anyone else on board a ship would be able to use the telegraphy equipment.

The International Maritime Organization says other reasons for the phase out of terrestrial CW include reception problems, uncertainty about the accuracy of message being received using Morse and the airwave congestion that came with the development of radio on land.

Wired magazine reports that the use of the Morse code in Maritime communications will be taken by a network of geostationary communications satellites. Two are positioned over the Atlantic Ocean and one each over the Indian Ocean and the Pacific Ocean. Only the North and South poles, where shipping is infrequent, are uncovered. There, terrestrial voice channels will be used.

Also, larger cargo ships and passenger liners will be required to carry satellite emergency position indicating radio beacon transmitters. Using these in conjunction with orbital search and rescue satellites can bring aid a lot more quickly to a stricken vessel than listening in the noise for an SOS signal in Morse code.

What does this means for ham radio? It means that those amateurs who search the airwaves listening for CW distress calls will no longer be needed. This, as the monitoring for such traffic is automated and tied to satellites in Earth orbit.

(Via Internet news report)

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YOU MADE IT A GREAT SUCCESS!!!

TO SHOW OUR APPRECIATION, WE ARE GIVING A SPECIAL 10% OFF MFJ
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.....

MFJ-949E
DELUXE 300 WATT TUNER
COUPON #3 REGULAR PRICE – 149.95
 10% OFF PRICE – 134.95

.....

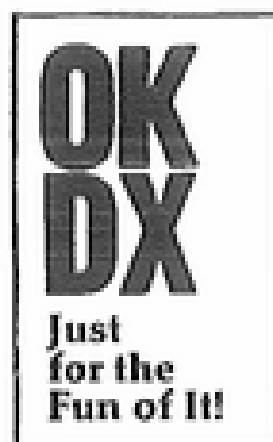
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Oklahoma DX Association

----- FROM THE PREZ -----

by Bruce Burnette, K5PX

Well, it is time for more "words of wisdom" from beautiful Broken Arrow. I'm sorry that I missed the meeting in Oklahoma City, but I was evolved in a wedding and could not wiggle out. I was going to make the meeting until the time was changed. Then it was curtains for me!

A hardy "Thank You" is due to Craig, AH9B and Dave, KD5FX, for their service to the club, we appreciate you guys! A big "Welcome and congratulations" to Jerry, K5YAA and to Lu, K5YP on their election to the offices of Vice President. We are glad that you two would take the time and effort to serve the Oklahoma DX Association. While we are speaking of the election, I don't know whether you people are "out to get me, or if no one else was crazy enough to take this job." But, in all seriousness, I am honored to serve as the President for another year. I will do my best to keep the club on a progressive path.

I was working on, and hoping to have the final copy ready, of the "new" Oklahoma DX Association Awards program. Well, it is not quite ready. Just a few last minute wrinkles to iron out. I should have the "final, final" version ready next month. I am excited about this program and feel as if it will add a little extra incentive for our members.

The banquet is set! Mark, N5OG, will have all the details later in this edition of the newsletter.

Well, that is about all I have. I had an lighting strike on July 2nd. I lost my computer, stereo receiver, VCR, wall phone, cordless phone, and our microwave. Thank goodness all my "ham stuff" was unplugged. The surge protector

on the computer did not even a look like good burp. EMF blew right through it. I think that the strike came in on the phone line, found the modem, and went into the power line. It came up through my surge protector, into my rotor control box, (it was on top of the surge protector), down the control cable, (it was on a Plexiglas feed through in the window), jumped 4 inches from the cable to the metal window frame, and nearly wielded the window shut. The only way you can protect yourself is to have everything unplugged, then I'm still not sure it won't find its way into something in your house. Just a few words to the wise, something to think about.

Until next time, just work um.

73

Bruce, K5PX

THE CONTEST CONTINUUM

*Building a Contest Station, cont.
by Coy Day, N5OK*

Coy will complete his "Contest Continuum" in next month's article with an article on contesting ergonomics ... or how not to destroy your spine by bending over a hot rig for 48 hours! ha ha

Coy is then going to take a well-deserved rest from his monthly column and may start some regular articles again when he starts experimenting with 160m antennae this winter.

Thanks Coy!

----- DX NEWS -----

* H40AA postlog

Tim Totten, N4GN, provides this summary of the H40AA operation.

H40AA Post-Operation Update 14 June, 1998

The validation of the database as well as the merging of a variety of data files has been successfully completed for the 67,129 H40AA QSOs, and the full-color, folded QSL cards have been received from the printers. QSLing will commence on 29 June and the QSLing team, led by OH2BN, will get the cards out as quickly

as possible. The DXCC status of the Temotu Islands should be determined during July, and QSLs should be accepted by the DXCC desk in October.

The Special Edition QSL card project which aimed at contributing to the development of the Solomon Islands Temotu Province has received a fantastic response from DXers worldwide with 430 benefactors contributing USD 22,068. The comments received have been of such a nature that we believe that this project may set a precedent for future Dxpeditions, helping to establish DXpeditioning as a valuable asset contributing to the community it involves in its performance.

H40AA team member Bruce Butler, W6OSP has closed the Special Fund and will transfer the donations in full to the account of The Temotu Development Authority (TDA) where Dr. Ashley Wilson, a VSA volunteer from New Zealand, and several community members including the Provincial Premier, will select the projects that the DX community will support. Several education, health and commerce-related projects are being studied.

A large parcel of Special Edition QSLs was airlifted last week to Temotu through special arrangements with Solomon Airlines. Dr. Wilson will start releasing those cards to contributors by mid-June from Temotu's local post office. It is expected that the special cards will reach their worldwide audience by the end of June--the same time that the regular, direct QSLing is started. The special QSLs mailed from Lata will confirm only one QSO, and the remaining QSLs will be sent from Finland. No further action on the part of contributors will be necessary, however.

The highlight of the Special Edition QSL Project was the donation received from Mr. Lee Shaklee, W6BH, who contributed USD 10,000 toward the development of the Temotu province. Lee remembers well the time he spent in the Solomons during WWII and wished to present his gift in the name of DXing for the people of Temotu whom he had visited during the war. He served on U.S. torpedo boats

and spent nearly two and one-half years with those friendly people that WWII was severely disturbing. Lee's WWII experiences were ended by a severe case of malaria. The DX community can be proud of this support from Lee and from the 430 others in the effort to help this newest DXCC country to flourish and to be a healthy society for it's 15,000 people.

The H40AA 67,129 QSOs represent 23,140 different call signs logged, resulting in 2.9 QSOs for each DXer worked. The tight operating strategy along with high beam antennas and amplifier power were vital elements which resulted in fair coverage of all areas of the world.

The following split was achieved between the geographical areas: USA/Canada 42.0%, Europe 28.9%, Japan 22.5% and 6.6% for the rest of the world. The production band was 15 m (37.5% of the total QSOs), where simultaneous operating was done on CW and SSB. Occasionally two SSB signals on 15 m were present. SSB QSOs made up 54.2% of the total, CW 44.1% and RTTY 1.5%.

The full story of H40AA will be soon published in the variety of languages of those countries representing the highest number of QSOs in the log. Those who wish to have their early QSLs should send their QSL requests now to the following address:

Jarmo J. Jaakola, OH2BN
Kiilletie 5 C 30
FIN - 00710 Helsinki
FINLAND

The H40AA QSLs can be obtained through the QSL bureaus as well; those requests will be processed later in the year. You can check your QSOs and obtain more information on Temotu at the H40AA web site:

<http://www.iglou.com/n4gn/h40aa/>

** ET, a rare one, coming up!*

From the 425 DX News ...

Steve (G3VMW), Alan (G3XAQ) and Andy (G4ZVJ) will be active as ET3AA from Addis Ababa, Ethiopia between 18 and 27 September. Activity from ET3AA, the club station of the Ethiopian

Amateur Radio Society, will be on 10-160 meters with emphasis on the LF and WARC bands. The operation will be mainly CW (1.829, 3.508, 7.008, 10.108, 14.026, 18.076, 21.026, 24.896 and 28.026 MHz listening up between 1 kHz and 5 kHz), but with some SSB and RTTY if there is sufficient demand. QSL via G3VMW (Steve Wilson, 3 Crag Gardens, Bramham, Wetherby, West Yorkshire, LS23 6RP, England). More details are available at

<http://www.bramham.demon.co.uk>

and there will be an on-line log search utility immediately after the operation.
<TNX G3VMW>

----- OKDXA STUFF -----

** Our 1998-99 officers*

Here is our new slate of officers for our next Associational year, starting October 1, 1998:

President - Bruce Burnette, K5PX,
Vice Pres - Jerry Chouinard, K5YAA,
Vice Pres - Lu Fisher, K5YP, and
Sec/Treas - Mark Byard, N5OG.

We extend our congratulations to the new officers and our thanks to Dave, KD5FX, and Craig, AH9B, for serving last year.

** Results of our Annual Business Meeting at Ham Holiday.*

Our annual business meeting and election of officers kicked off at approximately 11:30 Saturday morning, July 25th, at the Ham Holiday hamfest in OKC. We had approximately 20 in attendance. Several other OKDXA members expressed their regret at not being able to attend due to other commitments at the hamfest.

Sec/Treas N5OG presided over the meeting in the absence of our other officers. Both KD5FX and AH9B were on vacation out of the state. President Burnette, K5PX, was helping with a wedding in Broken Arrow. Bruce sent his apologies for not being able to attend. The focus of the wedding ceremony was a young lady in their church to which Bruce and spouse have virtually been second parents. Bruce reports that they had a very happy, but LONG day! ha

After relating Bruce's apology, Mark recognized our Directors in attendance:

Central - Coy, N5OK;
NE - Jerry, K5YAA;
and NW - Lu, K5YP.

Our new SE Director, Ed, NA5B, also sent his greetings to the attendees. Ed was attending a family reunion in Kansas City.

The next event was our election which resulted in two new Vice Presidents, K5YAA and K5YP. The new slate will take office on October 1, 1998 and will server through September 30, 1999.

The 1998 OKDXA Banquet was previewed. Speakers at this year's event will be Bruce Butler, W6OSP, Treasurer of the NCDXF and participant in the recent H40AA operation, and OKDXA member Frank Smith, AH0W, participant in the recent XW30/XW30A operation. The location will be the River Oaks Gold Club, just east of Frontier City Amusement Park. The date is October 31. We hope that many can attend and enjoy the presentations.

Mark announced the recent change in our OKDXA Web site address. Just drop the "p" out of my call and you've got the new URL. And speaking of the web site, it will be getting some major face-lifting in the next few weeks. We already have a new piece of artwork in place for the frontpiece.

Sec/Treas N5OG recommended that the Association appoint another OKDXA member to sign our checking account signature card ... just in case. The attendees appointed Ken Case, K5KC, of Stillwater to be cosignator on our checking account.

And speaking of checking ... treasurer's reports and membership rosters were passed out to those in attendance. If any of our members would like a copy of our treasurer's report at any time please contact me and I'll put one in the mail pronto.

The next item of discussion was our weekly OKDXA Net start time. Well, actually there was no discussion. No one opposed the proposed move from 11:00 to

9:00 AM so that we will do. Our OKDXA Net will start at 9:00 AM starting immediately. Mark sent out an e-mail to the membership and contacted other net participants by phone to ensure that no one would be left out. This will most certainly help our propagation, especially in the summer months, and we hope it will allow more participation as well.

Finally N5OG announced our President's appointment of Ed Gilliland, NA5B, of Henryetta as the new SE Director.

Before we adjourned new member Alan Clark, N5PA, from Edmond announced that he would be operating from Malawi as 7Q7PA late this summer. I'll have more on this operation in the September NL and on our web site.

Thanks much to those in attendance for a productive meeting.

• Thanks to CORA for a great hamfest!

On behalf of the OKDXA I would like to take this written opportunity to thank the CORA staff for a great Ham Holiday. I want to especially thank Hal, KB1ZQ, for his hard work and editorship of the C&E.

• Welcome new member!

Mr. Alan Clark, N5PA, from Edmond, OK is our newest OKDXA member. Alan joined at the OKC Ham Holiday. Alan will be operating as 7Q7PA late this summer. Stay tuned to the September NL for all the details. Welcome Alan!

• Annual membership drive starts September 1

It is getting close to your favorite time of year ... dues time! ha We'll kick off our annual dues drive on September 1. Thanks are extended to several who "re-uped" or joined anew at this year's Ham Holiday.

Our membership year runs October 1 through September 30.

• 1998 OKDXA Banquet!

Our 1998 OKDXA Banquet has taken form! I am excited to announce that this year's speakers will be Bruce Butler, W6OSP, from Napa, CA, and our own Frank Smith, AH0W, from Glendale, AZ.

Bruce is the Treasurer of the Northern California DX Foundation and was an operator on the recent Temotu Is. Dxpedition, H40AA. Bruce also coordinated the commemorative QSLs for H40AA which secured donations for the economic development of the Temotu province of the Solomon Is. Bruce will present the H40AA operation and talk about his work in the NCDXF.

Frank has been an OKDXA members for several years. Frank spoke at last year's banquet, showing the slides from the K7K, Kure Island operation. Frank is this year's NOIDXC (New Orleans International DX Convention) "Ham of the Year". Frank will show us his slides of the recent operation from Laos, XW30/XW30A.

This year's event will move back to the OKC area. The River Oaks Golf Club, just a few miles east of the Frontier City Amusement Park, will host our meeting. The date is October 31 and the start time has yet to be determined.

A press release will be mailed out to our membership and all of the DX editors in August. The dress is casual, the food is always great, and the company doesn't get much better! We hope to see you at this years banquet.

• New OKDXA web site address

The OKDXA web site URL has changed reflecting my new e-mail userID. Just drop the "p" out of my call and you have the new URL ...

<http://www.poncacity.net/n5og/okdxa>

• New editor to start with Oct issue

Mr. Nelson Derks, KC5QVV, of Broken Arrow has volunteered to edit our monthly contribution to the C&E starting with the October issue. Nelson is also a member of the Broken Arrow ARC and does some writing for their NL. Thanks Nelson! Nelson's e-mail address is kc5qvv@gte.net. Contributors should start sending their "copy" to Nelson in mid-September for the October issue.

• E-mail update/changes

Here are this month's changes and/or additions to the OKDXA e-mail list.

Clark, Alan N5PA
alan_clark@rocor.com
 Ingram, A. J. W5QVS
w5qvs@telepath.com
 Kukuk, Linda AA5GS
rdkukuk@home.com
 Kukuk, Rick K5KGO
rdkukuk@home.com

If you are a member of the OKDXA and you have an e-mail capability (and you wouldn't mind having it published in this NL) please e-mail it to your Editor, N5OG. Thanks!

----- MISCELLANEOUS -----

• Telnet DX PacketCluster nodes

For those who cannot get into one of our DX PacketClusters but you have internet capability, here is a list of Telnet addresses for Internet DX Packet Cluster nodes.

AC4ET, Jacksonville, FL
ham.jaxnet.com

K4UJ, Atlanta, GA
 205.217.100.91

KA4PKB
 205.241.25.11

KC8FT
migate.ampr.org

KN4F
 206.31.75.30

N4TY
lexgate.stdio.com

N5UXT
gw.n5uxt.ampr.org

N7TR
gw-wadg.greatbasin.net

N8TO
n8to.modempool.com

NC7J
nc7j.qrq.com:8000

VE7CQD
 142.58.173.14

W5AU
jnos.nwla.com

WD5B
wd5b.actn.org

WU3V, Abbeville, LA
moe.wu3v.net

*** QSL info with e-mail only**

Some of our members use e-mail only accounts like juno or hotmail. Well, even without access to the WWW, you can get QSL info. Read on ...

"Send e-mail to qsl-info@datasync.com with DX callsigns in the message body (include only callsigns for best performance). Additions and corrections should go to the database maintainer (Lothar, DL1SBF at k9pes_ms@siiks.al.bosch.de) while other comments should go to Ray, WQ5L (rocker@datasync.com.)"

*** Remember those Bureau envelopes!**

Coy, N5OK, provides this new address for the 5-land incoming QSL bureau. Be sure to keep envelopes on file. Also remember to keep envelopes with former calls on file for many years.

ARRL W5 QSL Bureau
Magnolia DX Association
P.O. Box 999
Wiggins, MS 39577-0999

*** Put your QSL card on the QRZ Web site**
OKDXA member Lu Fisher, K5YP, provides the following ...

"Go to QRZ Call Sign Database and search under K5YP. I have sent them one of my QSL cards electronically. To do the same, just follow the instructions at their web site. The pic I sent them, in JPG format, is approximately 34kb and 299x399 pixels.

Although it turned out OK, I would do 3 things differently:

- 1) I would make it a little smaller so that scrolling to view would not be necessary, and
- 2) I would include the OKDXA logo (what a great way to promote ourselves; let's face it, our logo is pretty cool and we are a pretty good bunch of guys and gals! ha). (Ed. Note: I think Lu has already added the OKDXA logo ... check it out!)

In fact, I remember the logo about 30 minutes after I sent them the image.

The picture is outdated and I will send them a new one as soon as I get a chance - I may even have Connie in the pic somewhere.

I was thinking that it might be good to pass this on to the other OKDXA members and wanted to see what you thought. Also, if any OKDXA member would like for me to do the same for them, then they can send me their QSL card (or a photo if they prefer - it doesn't have to actually be their QSL card - I don't think) and I will scan it and, if they want, add OKDXA logo and any other info they want. CUL es 73, Lu" (Ed. Note: Tnx for the neat ideas Lu!)

*** That's all for August!**

73 de N5OG



Choctaw Amateur Radio Club

Minutes July 20, 1998

The President opened the meeting at 7:00 PM with all Officers present and 15 members in attendance.

Old Business:

1. The president read the minutes of the last meeting. These were approved as read.
2. The Treasurer's report included a summary of Field Day costs and a report that all bills have been paid and a healthy balance is in place.
3. The YL net is still alive and going well.
4. Texnet. The Ark. node was finally moved off the 1st channel. The Texnet system is going well.
5. Repeater. The preamp has gone out, and discussion centered around whether to replace it or try to repair it. A motion was made and approved to purchase another

preamp and to repair the current one for use as a backup.

A watt meter and base to measure the cost of power for our repeater site have been obtained. This was necessary to determine to amount of reimbursement due our host landlord.

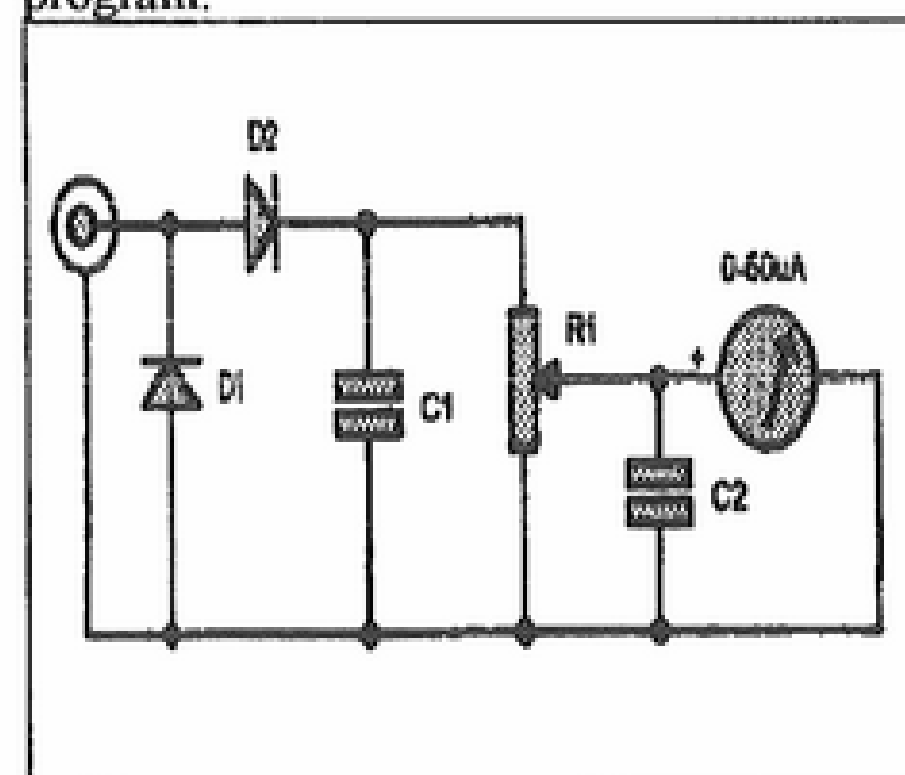
New Business:

1. The President announced that our club racked up 4,560 points. This is a lot better than we did last year.
2. There was a discussion regarding the malicious interference being encountered on our repeater, and measures to deal with this. The general location of the source of the interference has been determined and several members are coordinating their efforts to pinpoint the source.
3. The president reminded the members that Ham Holiday is this coming weekend and all members need to come out and support this effort.
4. There was an open invitation extended for our members to attend the local QWCA meeting. The national officers will be giving awards to some of the local members.
5. Mike, N5WNT, reminded all present that the club needs a new push up pole and support guy line.

Program:

1. Ron Earnest, WB9DAF presented a very interesting program on how to protect our stations and other equipment from lightning. The program was informative and well received by the membership.

Adjournment: The meeting was adjourned immediately follow the program.





Edmond Amateur Radio Society

Hello there to everyone, as we move on into those Dawg Daze of Summer...Can you believe this heat!!?? Hope you are all finding something real cool to do. By the time you read this, Field Day and Ham Holiday will be distant memories. Take a deep breath 'cause we'll soon be into September. There are several events on the schedule and your assistance will be greatly needed and appreciated. Details of these events will be announced on the Monday nets and also by the Calling and Email Committee. Please plan to be a part of these activities.

With the summer in full swing, we have experienced a drop-off in participation, both at our Business Meetings and also on the Monday Night Nets. I know many of you are up to your ear lobes in family vacations and activities, and I sure hope you're having a super time this Summer. The August Dinner Meeting will be on August 22nd and we are hoping to be able to hold it at the new Golden Corral which just opened in Edmond on the south side of town on Broadway Extension. Please plan on being a part of this get-together, to touch base with friends you haven't seen in a while, as we kick off the Fall season of activities.

July Board Meeting

July's Board meeting was held at the Club Station on July 10th. There were 13 members present. The Secretary and Treasurer's Reports were given, and accepted.

Lee, KA5WIS reported he and Ken, N5TWC are in the process of programming the Club's new RLC Controller. This is a tedious and time consuming process. They hope to have

their work completed and the new controller installed within the next 2 to 3 weeks.

Dee, WD5FHR indicated that plans are underway to repair the Fritzell antenna anchoring as soon as arrangements are made with the City. Dee distributed a report from E. C. Ken, N5DBM outlining the recent Emergency Coordinator's meeting. Additional Assistant E. C.'s were selected, who will assist and back Ken up in times of emergency. The Committee discussed future weather and training nets. Dee recently gave an interview to KOPX-TV, Channel 62 in which he discussed local weather spotting techniques, emergency nets and ham radio in general.

Dave, K0TYC, HF Committee Chairman reported on a very successful Field Day this year, and thanked everyone for their assistance and participation. He also circulated a copy of the Club's new KC5ORP QSL card which was well liked by all. A Statehood Day special event is being planned for November 14th. It will be written up in the QST.

Lee spoke about EARS participation in parades in general and in this year's 4th of July parades in particular. We had a full complement of volunteers this year and things went off very smoothly, including the evening's Fireworks display. Thanks to all who helped out.

Edith, KA5YPX reported on a successful July Siren Test. She also indicated that she has placed the jacket order and those of you who have been waiting so patiently for the full order to be accumulated should be contacted shortly, if not already. She also ordered some small sew-on patches of the Club's logo which will be available for purchase at Club meetings.

July Business Meeting

The July business meeting was held on Sunday, July 19 at St. John's. The Minutes of the May meeting were read and accepted, as well as the Treasurer's report.

Lee, KA5WIS answered questions about the new RLC controller which is currently

being programmed and will be installed shortly. Its DVR has the capacity for 8 seconds of voice announcement, and there is a 680-word vocabulary in its synthesized voicing. This is an advancement over the current controller. Members will be advised of the details of any changes in format or procedure concerning the Auto Patch.

Information similar to that given above in the Board minutes was passed along to the members present.

We were all treated to a showing of a 30-minute video tape of this year's Field Day activities, thanks to the talent and hard work of Carl, KM5PA. Thanks, Carl, for taking the time to do that. It was a treat.

Field Day Dinner

A special time was had by all who attended the June Dinner Meeting which was held at the Field Day event. I counted 40 people in all stages of munching. The Club provided the hamburgers, hot dogs and cokes and Club members brought a wide assortment of side dishes and desserts. We all ate till we could eat no more. A special thanks to Clara, KG5UG and Sherry, KD5CPJ for so many hours of planning, shopping, setting up and cleaning up. As always, it wouldn't have happened without their tremendous effort. It was great to sit down and visit with some folks we haven't seen in a while. Thanks to all those who brought food and participated in this year's Field Day Supper.

Congrats to the August Birthday Hams

Aug. 2	Jim Rynearson	KC5MJS
Aug. 6	Mark Tyler	W3GFJ
Aug. 8	Gene Hawkins	KA5CNT
Aug. 11	Eric Coxsey	KC5TCZ
Aug. 20	Ken Snyder	N5TWC
Aug. 20	Steve Hamlin	KG5IP
Aug. 20	Lynnice Hamlin	KB5FOH
Aug. 28	Keith Morrison	KC5TPC

Your Services Are Needed

Looking for 4 volunteers for back-up Emergency Shelter Monitors, willing to be called, when needed, to open, monitor and close one of two Edmond Emergency Shelters Contact Joyce Wolf, KC5NBI at

340-7486. Folks, this is a back-up position and hopefully you would rarely be called upon, but we do need a list of folks to call when the need arises. Please consider being on our Contact list for this vital service.

Congratulations

Kudos to Judy Johnson (formerly KC5SMI) who recently earned her Advanced license and is now known as KM5QW. The call seems very appropriate as anyone who knows Judy knows she has a Quick Wit. We thought of calling her Queen Wilhelmina 'cause she's Quite a Woman, and if you had been there when she answered her exam questions, you would have recognized her as a Quiz Wizard. We have teased her on occasions, admonishing her to Quit Whining. But, when all's said and done, Judy's really Quite Wonderful !! Congratulations, Judy.

Net Control

You've probably heard that Jim N5OHL, our Net Control Manager, is looking for new Net Control Operators for the Monday Night Net. If you're like I was, a little voice may be whispering way back in your mind.... "I think that might be fun." But, a louder voice may be booming out, "Nah, you can't do that. You'd flub up. You don't know how to do that!"

Well, I'm here to tell you that *You Can* do that.

- Don't wait until the fears subside, or you'll be waiting forever.
- Don't keep putting it off or you will only look back with regret that you never tried it.

Sure, Net Control is a little scary. I don't think you'll find anyone doing it who can't remember the gnawing in their stomach that first time, when the repeater announced, "Net - In - Five - Minutes." There are no more dreaded words - unless perhaps "The Bands Are Closed."

Seriously, folks, if there is anyone out there who would like to give this a try, let me assure you that you will find it intoxicating. You'll begin with fear, followed by relaxation, followed by

complete enjoyment, followed by disappointment that the net is almost over.

We're not going to set you before a mike and leave you high and dry. We've got a deal for you. An offer you can't refuse. If you have even the slightest interest in calling a Net and would like more information, contact one of the following people and we will send you a Net Control Information packet.

Jim Richardson, N5OHL - 524-0456

Bob Coxsey, KM5GZ - 478-5715

Sharon Thompson, KM5GV - 844-6245

The packet provides all the standard wording for running the net, and the forms on which to record the check-ins and announcements. You really can't go wrong.



AND, Bob Coxsey, KM5GZ is offering to walk you through your first Net. He will meet you at the Club Station, stand by to offer you assistance, and will revive you if you faint! He can copy down the check-ins alongside you, and give you any fill you may miss. Now, that's a deal, isn't it?!!!

You will have a blast. It will be fun, and not nearly as difficult as you might think. AND, you will be receiving valuable training which will prepare you should you ever need to be involved in any type of emergency net.

Go for it! You won't regret it, I promise.

NET Update

Net totals through July 20, 1998

Monday Nite Information and Siren Test Nets

1270 Check-ins
556 Pieces of Traffic

Dates to Remember

Friday, Aug. 14th - Board Meeting
at Brick's. 6:30 PM to eat,
Meeting at 7:00 PM

Saturday, Aug. 22nd - Dinner Meeting
at Pepe's Mexican Restaurant,
17th & S. Broadway,
Edmond - 6:00 PM

73 to all, Sharon KM5GV

Liberty Fest 1998 !

The Fourth of July got off with a big bang at about 7:00 AM. Last minute instructions were passed out and every one started to their assignments. Some close, some far, far away, All the way to Baumann & Ayers! All was calm with a few floats and other entries slowly getting to their spot in staging. Radios were tested, some didn't respond as expected! With a little button pushing, everyone was set. Well, almost everybody was on frequency.

As time passed there were some thoughts about whether everybody slept late. Then, at the stroke of 9:00 it seemed like a stampede. We had our hands full trying to get people from where they were to where they should be! The staging area filled rapidly. There were questions such as, "We are supposed to be where? But we were # 33 last year and we parked here. How come I have to move? Can't I just swap places with them?" We hear these kind of questions each year.

Like a flash it was time to start the parade! Where is the Governor's wife? *She's where?!!* After a short delay, the parade was finally underway. It was time for the crew to change locations. Not all of us had second locations. Some had to stay on station while others were transported to intersections along the route. Net controls were busy! They checked to see if Who was on third. Who wasn't on third; he was on first. And I Don't Know was on second. Anyway, the net controls ran a smooth net. The parade was better than ever. Spacing was kept tight and every one had a great time.

What do you mean it's over? Some said the parade was too long; some said it was too short. As Ole Goldielocks would say, "I think it was juuuust right !!!"

A Big Thank You !

To all who helped with the parade. You made it happen. You did great!

It's not over till it's over. At 5:30 PM, a few brave souls lined up for K-rations at the west concession stand at the stadium. Pizza and a variety of melons were on the menu. After chow was served we mounted our carts and went on patrol. We scouted the area and staked out our claim to the best shade we could find. We(I) quickly found that we(I) had to keep on the move to keep cool "just below the melt down point".

Just after dark-thirty the word was given to light the fuse. Things were off with a bang and a flash of light. The show lasted for 18 minutes and twenty seconds plus a misfire a minute or two later *What a Sight From Ground Zero!*

Then it was over! I'm sure glad I had Sunday to rest up.

Once Again Thank you for your Help
73 de Lee, KA5WIS

Health/Welfare

We would like to offer our deepest sympathy to Ken Dunn, N5WKV, his wife and family in the loss of their loved one, Ken's mother. We want you to know that you will all be remembered in our thoughts and prayers.

All other members who have been mentioned in earlier reports are all doing well and continuing to improve.

Ham Holiday Registration

I would like to thank all of the EARS members (about 30 strong) who gave of their time and effort to help make Ham Holiday registration a pleasant and enjoyable experience. Some of our folks even worked all day Friday helping Hal and his crew set up tables and get ready for the event. Hats off to all of you for a job well done. We want you to know you are greatly appreciated.

73 to all, Clara, KG5UG

Welcome to our Newest

The EARS Club would like to welcome our newest member, Raymond Ellis

N5WKW. We look forward to getting to know you Raymond and enjoying the benefits of your friendship and talent.

COMMUNICATIONS

What follows is a transcript of the ACTUAL radio conversation between a U.S. Naval ship and Canadian authorities off the coast of Newfoundland.

Canadians: "Please divert your course 15 degrees to the South to avoid a collision."

Americans: "Recommend you divert your course 15 degrees to the North to avoid a collision."

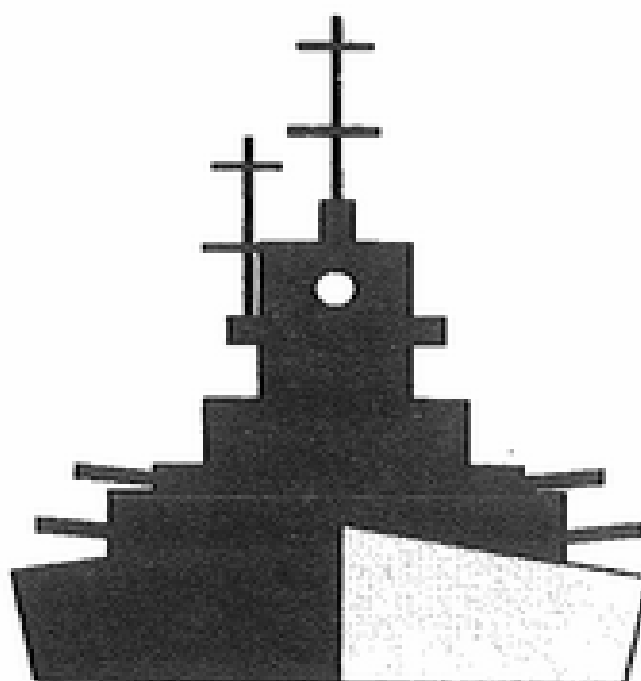
Canadians: "Negative. You will have to divert your course 15 degrees to the South to avoid a collision."

Americans: "This is the Captain of a U.S. Navy ship. I say again, divert YOUR course."

Canadians: "No. I say again, you divert YOUR course."

Americans: THIS IS THE AIRCRAFT CARRIER U.S.S. LINCOLN, THE SECOND LARGEST SHIP IN THE UNITED STATES' ATLANTIC FLEET. WE ARE ACCOMPANIED BY THREE DESTROYERS, THREE CRUISERS AND NUMEROUS SUPPORT VESSELS. I DEMAND THAT YOU CHANGE YOUR COURSE 15 DEGREES NORTH. I SAY AGAIN, THAT'S ONE FIVE DEGREES NORTH, OR COUNTER-MEASURES WILL BE UNDERTAKEN TO ENSURE THE SAFETY OF THIS SHIP."

Canadians: "This is the lighthouse. Your call."



Tuning In The Tones – Operating Hf Digital

By Onis Cox, K1C5RPC

"Look for the two ends, look for the two ends," the voice on the other end of the phone directed. I was looking at the TNC's LED tuning display and trying to zero in on the HF Packet frequency. What I was being told by the voice on the phone was to fine tune the transceiver so as to get the right visual response on the TNC tuning indicator, which occurs whenever the mark and space tones are tuned in properly for best digital signal reception.

Perhaps, before continuing, it is advisable to give an oversimplified explanation of the makeup of digital signals. We are all familiar with the fact that voices are made up of varying audible frequencies, which when imposed on a carrier can be reproduced as voice in a receiver. But typed text has no audible tones of its own, so by giving effect to the binary system used in computer language, tones are assigned to each printed character. This process allows the typed text to be audibly imposed on a carrier and thereafter reproduced at the receiving station having the same type of equipment as the transmitting station. A Mr. Morse encountered the problem of sending text years ago, and without the benefit of current technology, developed a system of which the amateur community is very familiar. But to continue with my learning experience, by adhering to the phone instructions and by complying with further tweaking suggestions from the voice on the other end of the phone, Norm, N0ELS; HF packet signals were beginning to be displayed on the computer monitor in the form of printed text. This HF text was merged in with the VHF packet text since both HF and VHF radios were on, receiving and sending signals to the multi-mode TNC through a specially designed cable.

I was thrilled to see the two packet modes, looking very much alike but from very different sources: VHF from central Oklahoma individual stations and Nodes, and HF Packet signals from stations all across the United States and Canada. After getting my call sign on the air, the

next big thrill came when a computer flag appeared on the monitor screen, announcing that Jim, K9VSO, Madison, Wisconsin had connected to my station and thereafter had a very first HF packet QSO. Jim's comment was, "Hope you enjoy the mode as much as the rest of us."

Well Jim's wish has come true; it is fun and enjoyable to work the HF digital modes, including RTTY and Pactor with its two sub modes. To operate HF digital, I added an HF transceiver and multi mode TNC to my existing VHF Packet station. Most of the HF digital activity is on the 20 meter band so an appropriate license is needed to operate on that band.

There are volumes of very technical, operational and instructional material available for the beginner, but in my case and level of understanding, a willing Elmer put me on the air without even reading the software and TNC manual. As you continue to be involved, reference to and studying the available materials will increase your knowledge and strengthen your operating skills. I believe that asking a digital veteran will short cut the time it takes to sort out the written materials.

Two such veterans whom I have relied on heavily are Earnest, W6CNP, retired and living in Clinton, OK. First licensed in 1941, Earnest served in WWII as a radio operator on B-29 bombers flying bombing raids over Japan. As a electronic engineer, Earnest is extremely knowledgeable in electronic theory and application and is active in VHF and HF digital. "What do you think the digital role is for today's amateur?" is a question recently put to him. His reply came back as follows: "Digital radio is the mainstay of amateur radio, whether it be CW, RTTY or Packet."

Digital veteran, Norm, N0ELS who is mentioned earlier in this article, is retired and lives in Moore, OK. First licensed in 1951, he also served in WWII as a radio operator on board C-46 and C-47 transports. Stationed in Korea after WWII, he was due to rotate to the US but apparently due to an extreme shortage of radio operators, his personnel records

mysteriously disappeared until he agreed to stay longer. His records were discovered immediately and he was given a promotion. Being one of the few servicemen on duty in South Korea when the North began its invasion of the South, Norm was on one of the first transports to fly out dependents and he related the story that his plane was on one end of a runway and the enemy was on the other end.

Also active in VHF and HF digital, Norm has for several years and continuing to this day, contributed his time, knowledge and equipment to improve and expand the VHF Packet network in central and western Oklahoma and is called on often to program the Nodes properly. He certainly deserves our appreciation and support and so do the other system operators who maintain Nodes at their own expense. Norm thinks digital communications are here to stay, citing the military's exclusive use of digital for their communications by linking up with satellites.

The purpose in this article is to share a beginner's experience and observations in primarily HF digital, although VHF digital is related, so that others may become more familiar with its aspects or hopefully be motivated to join in the experience. HF digital is not exclusive, fitting in with the other modes available to the amateur.

John, WB5SYT, who really needs no introduction, and a long time promoter of amateur radio by various means, including community service, encourages the amateur community to take advantage of the opportunity we have to share our experiences....and it's been fun. John's comments follow.

73s Onis L. Cox,
KC5RPC

I just wanted to encourage as many as possible to experiment with digital communication. Onis allowed me to ride shotgun with

him during Field Day 1998. He brought his whole digital station and was generous in allowing myself and others to "learn the ropes" as he was gentle in his teaching and kind in his words. Few who understand a subject can teach. It seems several in attendance at our Field Day got to enjoy the digital side of Amateur Radio.

This year's digital effort was the most I can recall compared to previous Field Days. Quite timely as the League Field Day message recognized this emission type and welcomed all stations to try digital.

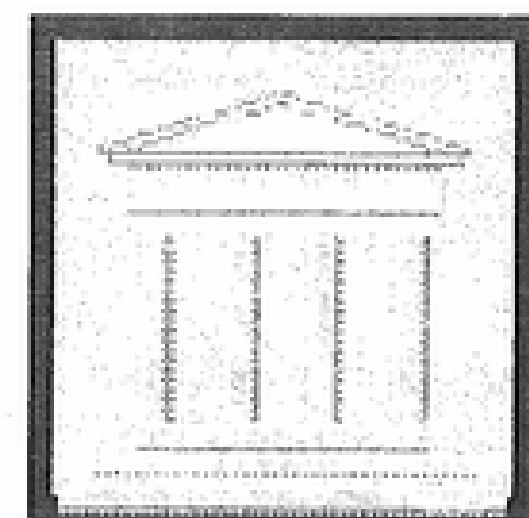
Good Luck in your digital Amateur Radio communications!

73 John, WB5SYT

K3ZJ leaves FCC

Communications Daily reports that Dave Siddall, K3ZJ, has left the FCC and is now "of counsel" at a major Washington law firm. Siddall is "counsel" because of government restrictions on any former FCC lawyer from practicing for a year after leaving the agency. This is to avoid any conflict of interest between a new employer in any dealings with the FCC. Siddall reportedly left the FCC on Wednesday, July 8.

(Via Communications Daily)



Amateur Accessories

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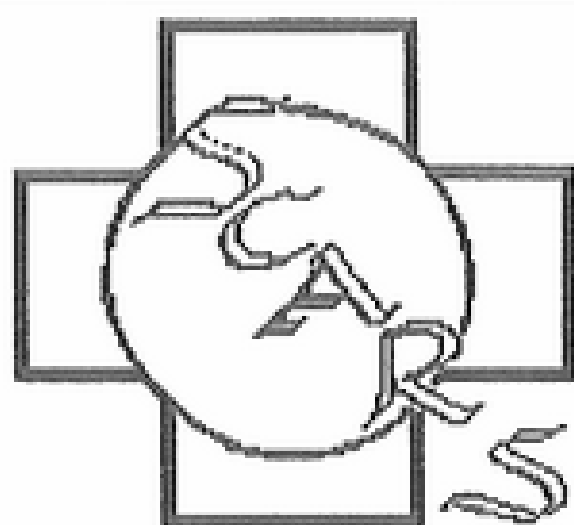
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South Canadian Amateur Radio Society

Minutes - SCARS Regular Meeting - July 11, 1998

The July meeting of the South Canadian Amateur Radio Society was held on Saturday, July 11, at the Red Cross building in Norman. The meeting was called to order at 0930 by Club Vice President Steve, W5BIV.

C.O.R.A. Report: Steve, W5BIV, gave us the details concerning the new law which affects raffles in the state of Oklahoma. Raffles are now illegal. This will affect the awarding of prizes at Ham Holiday. A "silent auction" is planned, and we will know how it went by the time you read this!

Treasurer's Report: Jeff, KE5EB, reported that the account is in good shape. Nothing else to report.

Field Day Report: Steve, W5BIV, advised there were 28 participants for Field Day this year. There were 22 different operators, and the Club score was over 1300 points. Everything went very well, and everyone really enjoyed the event.

Repeater Report: Ken, N5BEW, gave us a general overview of the Club repeater setup. It was interesting information, both for new members and for those of us who may not have been aware of the particulars. The Club has two repeaters. The VHF repeater is at split sites. The PLUS offset (147.660 receiver and the 147.060 transmitter) is located at the county facility at 72nd St. and Alameda in east Norman. The antenna is located on a tower at 300 feet. The transmitter

delivers 60 watts out of the duplexer. The MINUS offset (146.460 receiver and UHF link transmitter) is located atop the O.U. Stadium on the University Campus at 167 feet. BOTH plus and minus offsets are P.L.'d at 141.3 Hz. The Club also has a UHF repeater atop the O.U. Stadium. The frequency is 443.700, with the standard PLUS offset of 5.000 MHz. This repeater is also P.L.'d at 141.3 Hz. The UHF repeater boasts of five watts to the antenna, but you would think it was a lot more based on the coverage area of the repeater. Thanks to Ken for the update, and for the good work in keeping all this equipment functioning so well.

Thanks, also, to Steve, W5BIV, for conducting the meeting in the absence of Club President Dennis, KC5EVH. Great job, Steve!!

The meeting adjourned at 1015.

Jeff, KE5EB
SCARS Secretary and Treasurer

The Last Ride Of Q. R. Zedd

by Lise DeShea

In loving memory of Jack M. Bickham, KUSB (formerly WB5TZZ): 9/2/30-7/25/97...

NORMAN, Okla., July 25, 1997 -- In all my years of humbly reporting to you, the loyal readers of Collector and Emitter, I have been tremendously fortunate to have been granted many audiences with Q. R. Zedd, known universally as the world's greatest and most loved Dxer in the history of amateur radio. But this week's encounter with The Great One exceeded all my most awe-inspiring experiences with Mr. Zedd.

My hands tremble as I write the following words: I received an "invitation" to Mr. Zedd's Honor Roll Ranch.

Two things struck me as odd about the invitation: It was written on a Pampers coupon, and it was addressed to me. Nevertheless, I headed out on the appointed date.

Never have I traveled that bumpy red-dirt road just a hoot and a holler south of Norman, Oklahoma, without having made numerous clumsy requests for a meeting with the holder of the world's only one-by-one callsign, A5A. So I knew that whatever Mr. Zedd had to say this time would be even greater than all the other wisdom that had left his lips.

Traveling the dusty drive to his home QTH, I thought my Dodge Caravan had blown a tire or broken a shock absorber when I began feeling a strong vibration through the steering wheel. I held on, careening around the curves toward my Meeting with Destiny. As I turned the last curve, the chained-shut gates to the ranch appeared before me, and I had to slam on the brakes to avoid crashing into them.

The orange dust around my vehicle blocked out all views momentarily. I rolled down the window and, as the dry air hit my nose, I began to cough. Then, as miraculous as Charlton Heston parting the Red Sea in The Ten Commandments, the dust settled and Zedd's smiling face appeared next to my van.

"It's almost time, son!" Zedd roared as he threw open the door and hauled me out of the van, leaving part of my shirt and one shoe stuck in the seat belt. "We gotta hurry! You don't get sunspots like this every day, y'know."

Mr. Zedd's long strides are always hard to match, but on this day, I had to run to keep sight of his muscular back pushing through the crosstimbers that surrounded his ranch. I am always in awe when in the presence of the holder of the No. 1 WAS (Worked All Stations) certificate, and I had to remind myself that this living national monument charging through the underbrush was born all of 70 years ago, during a DXpedition to China with his parents, Zepp and Constance Wilhemina (C.W.) Zedd in 1927. With each step through the dry, tangled growth, I felt a stronger rumble through my feet, especially the bare one.

When we broke out of the wooded area and into the clearing surrounding Mr.

Zedd's 80,000- square-foot ham shack, I saw the source of the rumbling vibrations. It was a machine. Whether it was an antenna or a transmitter, I had no idea.

"Ain't she purty?" Zedd boomed.

At first, I thought he was talking about Miss Tondelayo Schwartz, his nubile 20-year-old QSL secretary and constant companion, who was bouncing toward us wearing five-inch silver heels and a darling mylar jumpsuit. But his gaze never wavered from the machine, which had three huge Hula-Hoop bands rotating below a gantry crane that suspended a round metal globe as big as a Winnebago.

"Are y'all ready?" Tondaleyo gushed, pushing back her long blonde hair with a hand that sported a diamond ring the size of a plum.

"Miss Tondelayo, is that an engagement ring?" I blurted, unable to contain my surprise and temporarily blinded by the sun glinting off the stone.

"Why, yay-yus!" the sweet girl beamed. "Didn't you hear ever'thang about our lil ol' celebration after I got mah own WAS award? It was just SOOO romantic, gettin' married last Christmas by the Pope via 10 meters! And the press seemed to think that sweet John Paul had trouble walkin' because of his age, but in fact, that big ol' hat of his was hiding his antenna and he had the rest of his rig up his sleeves."

I began to congratulate her heartily, when Mr. Zedd brought us back to the point of the day's meeting, the accelerating machine before us.

"Look, kid, let's just go on up the elevator here and take a look at how this contraption is doing," Zedd yelled over his shoulder as he strolled toward the equipment. Tondelayo sprinted to catch up with him, with myself arriving at the elevator sweating heavily and gasping for breath.

"Kid, you need to get in shape," Zedd advised as he punched a button. The doors slid closed and the elevator rose so quickly

that my ears popped. "Take some tips from Tondelayo here. After the baby was born, she was well enough to strap that boy onto one hip and finish the climb to the top of Everest three hours later, and her figure bounced right back before we got back down to camp, isn't that right, sweetie?"

"A baby, did you say?!" I was surprised and humbled that I was the first one outside the Zedd family to know that the Great One's genes had been passed along. Such a gift to humankind, I could hardly comprehend.

"Yep, you'll meet him," Zedd said proudly. The elevator doors slip open, and the wind from the rotating rings swept around us. Then I remembered where I had seen this machine before.

"Mr. Zedd, if I may ask you a question ... haven't I seen this machine in the movie 'Contact'?" I said, almost yelling to make myself heard over the noise.

"You're a bright one, considering that you still work just one station at a time," Zedd said, his usual speaking voice rising over the sound of the machine. "Me n' Sagan, we worked together on the blueprints for the machine, and we were pretty pissed when the Hollywood folks changed up the story."

The elevator door began to close, but Zedd stopped it with one zebra-skin boot. He leaned against the door, holding it open. "Yep, I told Carl to stick to his original concept of making contact with alien beings who had received the first ham transmissions that Marconi sent in 1896. But he felt the pressure from the money people, who said he had to play to the television generation. That's why the movie had the 1936 Olympic Games as the first transmission coming back at Earth from the E.T.'s who received it."

"So it was supposed to be a movie about ham radio!" I shouted.

"That's not the only thing they changed, kid," the Greatest said contemplatively amid the commotion from the whirling machine below. "The aliens in the movie

sent diagrams for a machine that held one person. But that's not how Carl and I had it figgered, and he put it in the book the right way — for five people to be transmitted into space."

"Sir, I know you're right about all things, that you make women weep with joy, children laugh spontaneously and animals sleep peacefully at night, so you can't be mistakenly meaning to say "transporting" people, can you?" I called out.

Zedd just took Tondelayo's hand and, turning toward the globe-shaped Winnebago at the end of the gantry crane, motioned for me to follow.

The rumbling now was accompanied by a bright light, like an artificial aurora borealis. I staggered across the crane and nearly fell into the spherical vehicle.

There, lining the walls of the globe, were five chairs. Tondelayo was wriggling into her seat belts, and Q. R. Zedd's momma, resplendent in a purple chiffon blouse and matching suede miniskirt, smiled serenely from another seat. Between them a baby, barely old enough to hold up his head, was banging a rattle against his restraining device.

"There, there, M.M.," cooed Tondelayo.

"M.M.?" I asked. "This is Mr. Zedd's son?"

"Marconi Morse Zedd, well on his way to his extra license," Zedd said softly, surprisingly gentle around the child. "Can't you hear it? The pattern in his rattle?"

I strained to hear it over the outside noise. "He's doing code! It's ... CQ DX, CQ DX!"

Momma rolled her eyes and shook her head. "Silly man, listen to the sounds "inside" the rattle. He's keying with the balls in the rattle. He's saying he wants to know who you are and where Mr. Sagan is."

Zedd bent over in front of the boy and said, "Sorry, son, but Mr. Sagan died back

before the movie came out and won't be making the trip with us." After a brief pause, M.M. began keying again. I thought I caught part of the word "instead" in the sound, which came at a remarkable 45 wpm and strained my abilities.

Zedd stood and turned, his eyes twinkling as they bore into my very soul. "Kid, wanna take a ride?"

Such an honor, I couldn't imagine. I swallowed hard, wanting to look around and make sure he was talking to me. Naturally, he knew what I was thinking and said, "Yes, you. We could use a historian, a reporter on this unprecedented transmission of humanity. This machine is not an antenna, it's not a transmitter — it's both, and we are transmitting ourselves into the cosmos!"

I managed to nod, and I asked if I would have a few minutes to leave a few notes behind. He consented, saying he'd help M.M. work a few dozen stations in the few minutes before we would enter a wormhole.

I'm leaving these notes in hopes of someone, someday, knowing whatever happened to Mr. Q. R. Zedd, the world's — no, the universe's — greatest DXer ever. I only hope someone will be able to build an antenna strong enough to receive our signal, wherever we may land.

A note from Lise DeShea, daughter of intrepid reporter Jack M. Bickham:

After my father's disappearance, I found a note in the Lotus Organizer on my father's Packard Bell computer, along with a cryptic mention of a Pampers coupon, which turned up in his van outside the gates of Honor Roll Ranch. I came across the above notes in the battered reporter's notebook that my father always used when he met with Mr. Zedd. There was no machine on the premises, and all the water had disappeared from the 80-foot hot tub that also served as some kind of cooling device for Mr. Zedd's ham rig. Like my father, I have experience as a reporter, and I've had a tiny bit of

exposure to Morse code. It would be an incomplete report if I failed to tell you of the message I believe I received one night as I stood outside, gazing at the stars over Norman a few weeks ago. I may have been mistaken, but I swear it's true: a light in the sky — a star? a planet? a vehicle? — seemed to blink a brief message in code. It said, "73."

I leave it to you to decide what is true.

(copyright 1998 Lise DeShea) Jack's last novel, "MURDER AT OKLAHOMA," is available in bookstores now.

FCC to act on Ham Radio licensing decline

Volunteers Examiner Coordinators from around the nation have learned that the FCC plans to take action to stimulate growth in ham radio. This, as they met with the Commission's staff on July 9th and 10th at their annual Conference held in Gettysburg, Pennsylvania.

The FCC appears to believe that the decline in Amateur Radio interest and licensing is bad for the service. As a result D'wana Terry, Chief of the Wireless Division confirmed that the FCC would soon be issuing a Notice of Proposed Rulemaking intended to streamline the service and eliminate any unnecessary rules used in governing Amateur Radio.

Terry told the VEC's that she was very limited in what she could say about the NPRM. This is because the FCC is still preparing it. Ms. Terry did say that the recommendation would include both a discussion of current problems and specific proposals on how the FCC plans to deal with them.

Ms. Terry did acknowledge that one of the things the FCC is looking into is a reduction in the Morse code exam speed. This, as a way around the allegedly abused 13 and 20 words-per-minute handicapped applicant code examination waivers.

As we go to air, no date has been set for the release of this internally generated NPRM. But it could come as early as the end of August, if not before.

(Via Newsline)

1998 YHOTY Winner to share his award

A sixteen year old from Edgewater, Florida has surprised the ham radio community by donating part of his award as Newsline Young Ham of the Year to the Make A Wish Foundation. Richard Paczkowski, Jr. KF4BIA, of Edgewater, Florida, says that he donated his week at Spacecamp Huntsville to the organization so that a less fortunate youngster can enjoy his or her dream:

"I would probably enjoy Spacecamp but it would give me a lot more joy to know that there is one little kid out there who really wants to go and for whom that's his or her last wish. See that dream come true would give me a lot more joy than actually going myself." Paczkowski

The week at Spacecamp is a part of the award underwritten by CQ Magazine. CQ's Advertising Manager Arnie Sposato, N2IQO says that he is very impressed by Richards generosity:

"It really is such a nice gesture on his part. It really is." Sposato

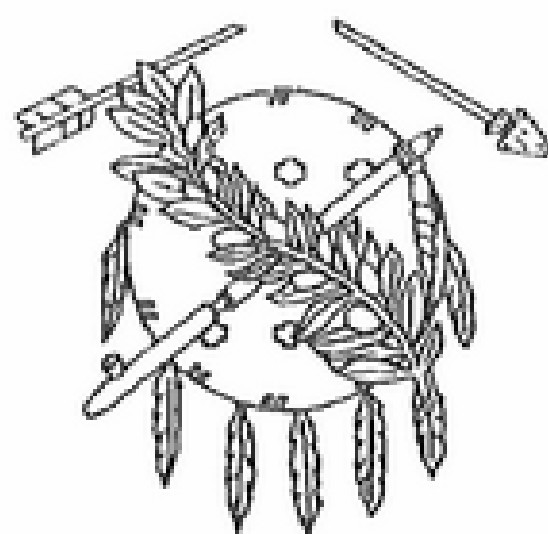
Richard Paczkowski Jr. was named the 1998 "Young Ham of the Year", based on his three year Amateur Radio career that has been dedicated almost exclusively to public service work. This, includes organizing local county communications support during the recent Florida wildfires.

One of his biggest challenges came just a few weeks ago on June 30th. That's when the fires grew more intense and threatened his community. The area's amateur radio Emergency Coordinator had been called out of town on personal business when news came that more hams were needed to help. The job of organizing ham radio operators into an instant corps of skilled communicators fell on Richard as the area's Assistant Emergency Coordinator.

When the Red Cross advised Richard that six shelters were opening in Volusia county, he immediately began notifying operators to accommodate the relief agency's needs. Hams in Orange county were also contacted and agreed to help. Richard also worked shifts at the emergency operations center until after midnight and providing communications services even when his own home was in danger.

Presentation of the 1998 Newsline Young Ham of the Year Award to Richard Paczkowski, Jr. will be made on Saturday evening, August 15th, at the Huntsville Hamfest banquet in Huntsville, Alabama. The award ceremony will be co-hosted by Bill Pasternak, WA6ITF of Newsline and Award Committee Chairman Larry Zettwoch, KR4IF. Also present will be representatives of corporate underwriters Yaesu USA and CQ Publishing.

(Via Newsline)



Broken Arrow Amateur Radio Club

June Meeting Minutes

Meeting called to order @ 6:30 by Jeff, KC5RTH

1. Field Day, A special thanks to all that participated. Especially to the City of Broken Arrow, who furnished the food for the cookout.

2. A Simulated Emergency Test was recently held in conjunction with the Broken Arrow Medical Center. Cindy Witherspoon, BA Med Center, presented a short program on disaster preparedness. The program included information on the 4 steps of preparedness, which include: 1. Mitigation 2. Preparedness 3. Response 4. Recovery. The overall disaster plan for the BAMC was presented. Communication was identified as the most needed area during local and/or national disasters. The BAARC agreed to put an Amateur radio Operator at the BAMC during times of WX alerts.

Committee Reports:

Engineering - No Report, no members of committee present

Packet- Mike Foster, WA5TXX, Power supply out on the TNC taken out. K2GKK, OKC link computer's down.

ARES- Jeff, KC5RTH, Several WX alerts. Interference problem at the EOC corrected.

Net Reports - None

VE Report - Don Doyle, AC5II, No testing in July due to the 4th.

NEW BUSINESS:

Nelson, KC5QVV, motioned to close down the W5BBS ATV system due to interference & a possible violation of Part 97 of the FCC

Rules & Regulations. Rules were suspended by Jeff, KC5RTH, in order to bring the motion up for discussion, as no second was made from the floor.

After a very spirited discussion, which included, an audio tape of the interference problem, a video tape of the actual broadcast and a handout, the club voted 7 to 0 in favor of closing down the ATV.

OKC - Ham Holidays July 25, 1998

Central States VHF Conference in Kansas City on July 23, 24, 25, 1998

Meeting adjourned at 7:51 PM by Jeff, KC5RTH

Submitted by Bruce Burnette, K5PX, Substitute Secretary for Joe Horn KC5VPO

145.47 Machine "Says Eh?"

The '47 machine is still showing some deafness. Our best guess is that the new filters on the receiver have gotten out of tune. Nick, AB5M and Mark, N5OBC are on the case. Hopefully they'll be able to make strides against the problem during the month of August.

New YL Net in Tulsa Area

Laurie, KB5DVQ is starting a YL net in the Tulsa area. The net will be every Saturday at 8 PM on the 145.11 repeater. The debut of the net will be August 1st.

Engineering Committee Report Regarding ATV Complaint

Engineering Brief July, 13, 1998

Subject: Decision on ATV (Amateur Television) Interference Complaint.

Members Present

Jeff Scoville	Mark Hogan
Nick Marsala	Bernie Cooper
Wade Harris	Don Doyle
Steve Bradley	Wayne Hartsfield

In reference to the complaint of interference caused by the Broken Arrow Amateur Radio Club ATV Transmitter operating on 439.250 Mhz.:

The Engineering Committee has tested and verified that the specifications of the transmitter and found that the operation to be within the specifications of the manufacturer and the FCC Rules and

Regulations (Part 97). The Transmitter was verified both on the air and on a bench with a spectrum analyzer.

Further more the Engineering Committee has determined that the operation of the transmitter is within the FCC guidelines (Part 97).

It is the opinion of the Engineering Committee that no harmful or willful interference is being caused by the transmitted signal and recommends that the transmitter should be returned to the air.

ATV Transceiver tests, on the air and on the bench performed by Russell and Doyce Self.

The Engineering Committee recommends the following improvements to the ATV system:

1. Build and install a 3 minute detection circuit to allow auto shutdown in the event video feed is lost.
2. Wire relay to 145.470 repeater controller to allow secondary remote control, the ATV transmitter is currently remote controllable via telephone / computer interconnect.
3. Expand the number of control operators.
4. Install a second receiver to detect transmitted signals on this frequency, to allow frequency sharing.
5. Complete the 900 Mhz link for remote transmitting of video feed, emergency or hobby related.
6. Encourage use by club members and the amateur community.
7. More completely Document station configuration and publish emergency contact information.
8. Submit this brief to the Executive Committee for presentation to the membership and publication in the club newsletter.

Field Day 1998....Proof That Murphy is Alive & Well!

The Broken Arrow Amateur Radio Club had a very interesting and educating Field Day. It was full of trials and tribulations, but in the end we did prevail. The only thing that seemed to cooperate was the weather, which could be best described as HOT. It was, however quite tolerable as the shade from the trees and the constant breeze helped a lot.

The club Operated as a "4A" station with HF rigs supplied by Nick, AB5M; Wayne, KK5AT; Chuck, KK5IC; AL, N4IDA and Nelson, KC5QVV. Don, AC5II brought his home brew QRP rig for our Natural power bonus points. Jeff, KC5RTH brought his Yaesu For The Novice / Technician. Mark, N5OBC supplied our Generator. There were several good antennas (and one DUD) including a two element tribander and a three element mono bander on ten.

The Tribulations started right off the bat, and in hindsight, it was just the tip of the ice burg. It started when we tried to install the two element tri-band beam on top of A 35 foot telescoping mast that Wayne, KK5AT brought. We diligently installed the beam and a small 2-meter vertical on top. We gathered a small group together to help raise and tie off the mast. On the first try the rope was tied off about five feet below the beam. When we pulled the rope and the guys started walking up the mast, the antennas went up, but as the men got further down the length of the mast the antennas started back down towards the ground. When we stopped the mast looked more like a pole Vaulting pole at the point just before lift off. After trying to bend the pole back and lowering the antenna six or eight feet and tying the rope right under the beam, we were ready to try again. This time the beam never even made it off the ground before the mast resembled half of the Golden Arches. Back down again. When we finally got it up in the air it couldn't have been more than twenty or so feet in the air. Amazingly the beam gave a good account of it's self even at this low height, think what it would have been like if we would have had forty of fifty!

After a couple of hours of contesting, Nick, AB5M's Kenwood TS-430 rig started giving us trouble during transmitting, the power would just drop out. After looking for typical problems like high SWR on the feed lines and power supply current, we started trying different antenna as the 40 through 10 meter doublet he was using was being feed only 6 or eight feet above the radios. I keep thinking he was getting RF feed back from his own station. No, that theory didn't fly. After several hours, and a lot of missed calls, we put the word out on the 146.910 MHz repeater that we were in need of a backup transmitter to replace Nick's. After several calls and no response, Chuck, KK5IC went and got his Kenwood TS-50 mobile and saved the day. At least for a few hours. After that, the TS-50 started having the same problem! Coincidence? I don't think so Tim! It seems the antenna tuner that was being used was causing the transmitters to over heat and shut down. Luckily, the TS-50 survived unscathed but I'm not too sure about the TS-430.

While all this is going on Nelson, KC5QVV decided that the QRM from the other stations is too great for him to operate, so he tears down his station and heads for the air-conditioned comforts of home. Now we are down one transmitter, and Nick is still having trouble, Lots of missed calls. After dinner, Chuck, KK5IC went home and got his Yaesu FT-890 and were back to running four stations again. Chuck saves the day, again.

The dinner was a great success but it wasn't as well attended as we were expecting. The MASTER CHEF, A.K.A. Wayne, KK5AT did an excellent job flipping burgers. He had two different grills going at the same time. I truly believe Wayne has missed his calling. About 25 persons attended the dinner. The Heat and other big-ticket events going on in town keep this number low. But this seems odd to me, as this was one of the best-attended field day stations I've ever seen. The average number of members there at any one time was probably around ten. And we had a larger then normal number of visitors from other clubs, and the public in general. We did a

lot of talking about who we were and what we were doing, maybe evening gaining a new member or two.

After dinner my mind starts wondering about the low bands. The only antennas we have below 20 meters are a full size 160-meter dipole in the trees and a very low to the ground 40-meter dipole, nothing on 80 meters. My fear was that 20, 15 and 10 would die off and 40 through 160 would be it. We needed 80 meters. So I took a 265 foot piece of wire that I was planing to use as a balloon lifted vertical that didn't pan out and folded it in half and made a 80 meter loop. I then proceeded to loft it in to the trees. Though the trees were some 65 ft or more in height, I could only get the wire up 15 to 30 feet. The loop then became A horizontal loop and was more in the shape of A rectangle. The SWR was excellent across most all of the 80-meter phone band. Boy could you hear the stations on that thing. It was a very quite antenna. The only problem was that the angle of radiation when transmitting was such that most of the local stations (500 to 1000 miles out) could not hear us. We did work the Caribbean a couple of times but we never did get more then these two contacts. Even trying the antenna on 40 meters didn't work very well. So much for that "good Idea". I should have made a Quarter Wave vertical on 80. It would have worked much better and would have been a whole lot easier.

Well it's now about midnight and the true trial starts when the generator starts dropping out and then surging to recover. At First it only happens once in a while, but after about an hour its doing this every five or ten minutes and the surges were getting worse. A little while later, and the thing is so bad that computers are rebooting and radios are resetting, not to mention driving the lights nuts. At about 2 a.m., Al, N4IDA; Jeff, KC5RTH and myself shut every thing down. Using flashlights we proceeded to tear in to the generator to figure out what's going on. There was plenty of gas and the oil looked good. Checked the spark plug, and fuel filter, it all looked good. We finally got down to the nitty gritty when we pulled the carburetor apart and found a very

sticky fuel float. No amount of cleaning or praying would help. Luckily, Captain Chuck McGechie, KD5DRZ, The Broken Arrow Emergency Manager dropped by for a quick inspection at 1:30 a.m.. He had just came from another Field Day effort at the South Intermediate High School's Football stadium, and had noticed that they were not using the Broken Arrow Police's Departments Emergency Generator / Light Truck that they had borrowed for field day. He said that we could go and get it if we needed and tried to call them on the radio. After several tries with no luck, he called for a BAPD officer to drop by and tells them to get on .91. When they did we worked out arrangements to go and pick this thing up.

Well Jeff and I volunteered to go and pick the truck up. Jeff drove his truck and I'm to drive the Generator truck back. On the way there I realize that my wife has my Drivers License in the car which, of course is at home with her. We go ahead and go to the Football stadium, and had to climb up the bleachers to the press box to get the keys. There, we found the guys setting in the AIR CONDITIONING running CW on 40 meters. Seriously, were sweat en our butt's off and these guys have AIR CONDITIONING. I've got to get my act together and figure this one out, Because I just didn't want to leave. Any ways, we get the keys and start back with one warning about the truck pulling a little when breaking. This was going to be fun. The truck was an older Chevy pickup with a larger then normal "camper Shell" on the back end covering the 45,000 Watt Generator. On each corner of the Camper Shell was a halogen flood lamp mounted on pole about two foot above the top of the shell. Of course all over this thing is the Broken Arrow Seal and the Police Markings.

Well this thing is setting under the bleachers surrounded by light poles, bleacher supports and chain link fencing. This would be rough in the daytime, but at 3:30 A.M.? To make matters worse there was only way out and that was straight out through a gate, BEHIND THIS TRUCK. The forward direction was being blocked by the field day antennas that are tied all around the front gate. I had to back out,

Straight Back, through this gate using only the side mirrors of the truck in the dark. Well, I first had to get the truck started, as it was completely dead. The starter wouldn't turn at all. After eight or ten tries tuning the key I was ready to give up when the Truck started to turn over and then started a bad key switch I guess. Anyway it took some doing but we got the truck out of the stadium. We found that this thing is heavy, Very heavy, and it takes lots of power just to get moving. Once it's moving it is very squirrely and hard to control. When we get to the first high-speed (40MPH) stop, I ease in to the brakes but its not stopping fast enough because, like I said this thing is heavy. Any way we apply more brake pressure and this thing literally throws me in to the Right hand Turn Lane. I get it stopped just in time to see not one or two, but three BA Police Cruisers on patrol. They're every were I look, After all who else would be out at 3:45 in the morning. Well now I'm getting Pretty Paranoid as I'm driving like a drunk on Saturday night, in a Police Truck with no Drivers License. I could just see it in the headlines Sunday morning, "Local Radio Ham, Driving Under the Influence, Busted while Stealing Police Vehicle". Why in the world none of them stopped me, can only be from divine intervention.

After getting the Truck back to the park, its time to try and figure this generator gizmo out. We open the door and using a flash light start to read all the dials, switches and meters. In the center of the panel Jeff and I find a Push Button next to a toggle switch that's marked run / stop. This will be simple, Just flip the toggle switch to run and then press the push button switch to start. Anyway to an Industrial Controls Technician, this seemed normal. So with Jeff holding the light, I got brave and flipped the toggle switch and then all of the sudden a very load banging noise appeared, I flipped it back off quickly. I thought the thing had exploded but it was only turning over. After cleaning out our shorts we got a little braver and flipped that switch again. It started right up, and then.. There was light, lots of light as all the halogen lamps lit up the area. After checking the voltage we applied the power to the stations in the

camp, and all was good. The time was about 4:15 a.m. and we've been off the air for more then two hours. Back to work for Jeff and I. Al had went to sleep some time while we were gone and if we had not told Nick, AB5M or Chuck, KK5IC they would have never been wiser as they slept right thought the whole ordeal. I still wonder what that push button switch was for?

After stealing a few winks in a lawn chair drug out into the field, I wake just as the sun is coming up. Another beautiful day is at hand. A few guys are manning the stations, but every one is asking about what to do about breakfast. Soon Harlan, K9GDK shows up and volunteers to go out and get the fixings for breakfast. Every body chips in a buck or two and off he goes. He returned with eggs, sausage, and pancake mix. Chuck, KK5IC then proceeded to make a wonderful meal. I have all ways thought that Sunday morning breakfast at field day is the very best. This is because from dinnertime at 5 p.m. until the six a.m. breakfast bell is a very long time to go with out eating. Not bad if you're sleeping but other wise a very long time. Any way the food is always good on Sunday morn.

How did we do? Well in a word GREAT! Considering that we probably averaged two transmitters on the air most of the time. With all the trouble we had we did quite good. We did not have a field day last year but the two years before that we did. Two years ago I wanted to double our number of QSO's from the previous year. I was quite happy when we met that goal. This time I just wanted better then that, but we just about doubled our score again, That's great. We could have had a larger QSO count but for one reason or another, we had a very high number of dupes and incomplete calls, missing reports etc. We actually started out with almost 1100 QSO's but on close screening, about 250 calls were deemed unusable. What a waste. Here is the score summary as it was sent to the ARRL for scoring.

CW Contacts QSO's
40 Meters 7
Total CW 7

Phone Contacts QSO's
80 Meters 2
40 Meters 184
20 Meters 226
15 Meters 230
10 Meters 100
6 Meters 6
Total phone 748

Digital Contacts 0
Total Digi 0

Novice / Tech
10 Meters 84
Total N/T 84

Total Phone QSO's 832
Mode Multiplier X1
Total Phone score 832

Total CW QSO's 7
Mode Multiplier X2
Total CW Score 14

Total QSO Points 846
Power Multiplier X2 (under 150 watts)
Total Score 1692

Bonus Points
Field Day Message 100
Natural Power 100
Information booth 100
Public Location 100
Media Publicity 100
Emergency Power 400 (100 pts each transmitter)
Total Bonus Points 900

Total Field Day Score ****2592****

We had a total score of 2592. That's darn good, all things considered. It takes teamwork and some times an extra ordinary effort by those present to keep the ball rolling. With that in mind I would like to thank A few Special people who gave that Extra Effort to make this the best Field Day our club has had in A long Time. Jeff Scoville, KC5RTH for his work on the Novice /Tech Station and the FD News Letters, Wayne Hartsfield, KK5AT for the Tables, Chairs and the Cooking

Grills and of course Cooking for the dinner. Chuck Myers, KK5IC for the two extra back up Rigs and cooking a Great Breakfast Sunday. And thank you Al, Chuck, Nick and Jeff For Staying all night to man the stations. A special Thanks goes out to Chuck McGeachie, KD5DRZ and Steve Bradley, KB5ZSD Of the Broken Arrow Emergency Management Office for the Wonderful Field Day supper they Provided.

Well that's about it till next year (who said that?). Thanks to every one that came out and participated with us, I thought it was a lot of fun.

73's de KF5IF

SWAP & TRADE

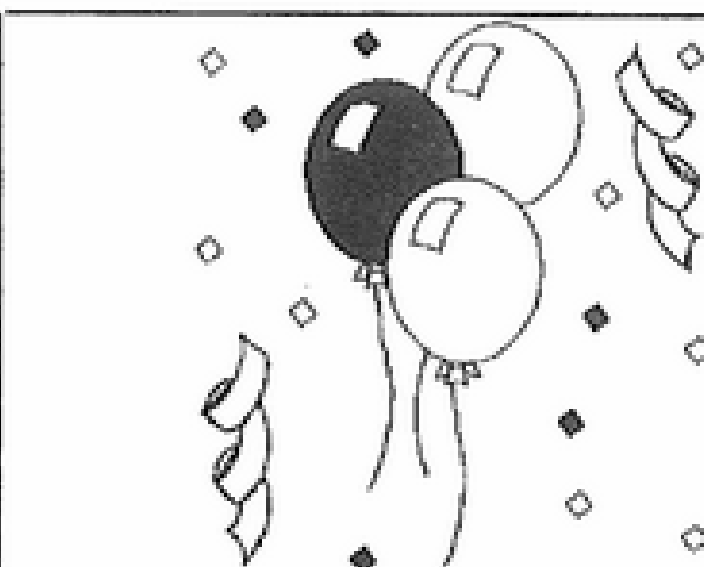


For sale: a 50' to 75' tower with break over base. There is also a rotor and HF 4 element antenna. Location is in Glenpool. Contact Gary at 918-322-6353.

KK5AT, Wayne, has a Kenwood TS-450SAT for sale. That is the transceiver plus the tuner. He can be reached at 918-357-2139.

KC5TJT has three amplifiers for sale: 2 Alpha 76 PA (Legal Limit HF) \$1350/each and 1 Ameritron AL1500 (Legal Limit HF) \$1650/each. He can be reached at 918-446-1318

If you want to list one or more items for SWAP or TRADE, you may contact any a club officer, the editor, or the net control operator on the regularly scheduled Swap and Trade Nets, which are held every Monday at 8:00 PM on the BA repeater, 146.910 Mhz.



Balloon launch success

The American Radio Relay Leagues' WIAW station in Newington, Connecticut served as tracking net control on 75 meters Saturday, May 30. This is when the SkyQuest expendable balloon package launched from the National Weather Service's Boston Forecast Office.

The balloon's signal was heard all across New England, New York, New Jersey, and Pennsylvania for approximately two hours. The net, with help from headquarters staffers Steve Ford, WB8IMY, Joe Carcia, NJ1Q, and Al Alvareztorres, AA1DO, had almost 30 check-ins.

(Via ARRL)

Russia will auction radio spectrum

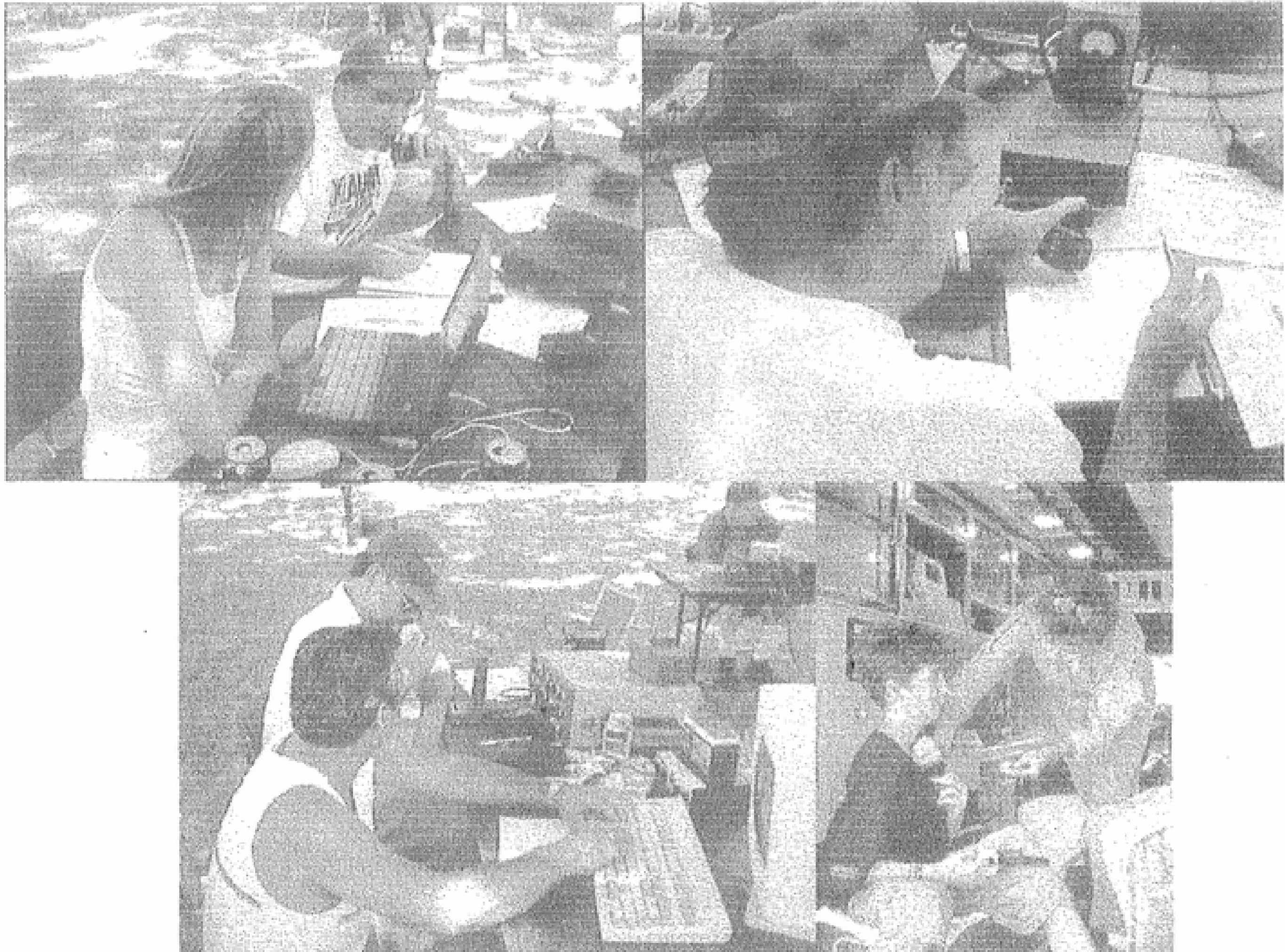
On the international scene, word that Russia has decided to follow the lead of the United States FCC. Its telecommunications authority has been told to auction off radio spectrum and this could be bad news for that nations hams.

The Russian government decided to charge mobile communication companies for the use of radio spectrum as a way to generate some cash for its strapped space program. Two governmental decrees, released on June 25th listed the communications services for which providers will have to pay for use of radio frequencies. The decrees also set rules for holding auctions to determine who gets the licenses for cellular telephone systems in Russia.

Under the decrees, 80% of money earned from the sale of spectrum would be used to support the Ministry of Defense and the Russian Space Agency. The Russian government indicates that it will also sell off part of its reserved spectrum for licensed civilian operations. It also says that it will review current usage of all other spectrum used for any purpose with an eye at generating even more revenue.

This might even include some of the bands now used by Russian hams.
(Via published news reports)

PHOTOS OF BAARC FIELD DAY 1998

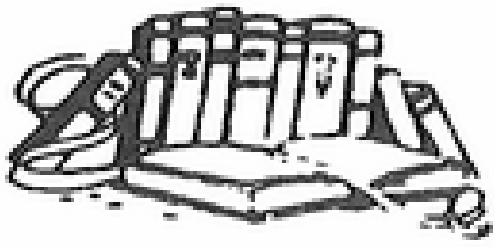


Top Left: Nick Marsala, AB5M (background) and Laurie Harris, KC5YML (foreground) work the radio and the computer.

Top Right: Nick Marsala, AB5M double checks his entry into the Field Day log.

Bottom Left: Don Doyle, AC5II (background) tries to figure out what just flew by the radio, while Carmen Carrero (foreground) looks on.

Bottom Right: Chris Carrero plays "victim" for the Medivac ground crew display

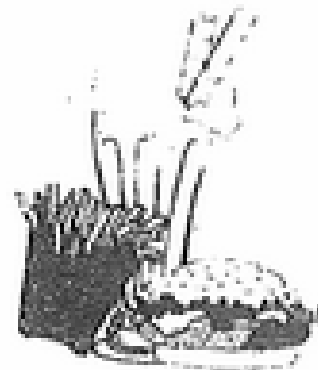


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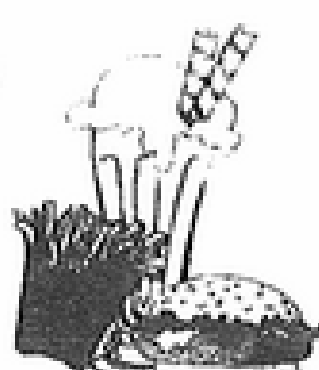
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A. R. R. L. Bulletins

From ARRL Headquarters
Newington, CT
To all radio amateurs

ARRL Bulletin 54
July 21, 1998

ARRL Board July meeting actions

The ARRL Board of Directors met July 16-18 in Rocky Hill, Connecticut. Details of the Board's proposal to restructure Amateur Radio licensing are in ARLB052 and on the ARRLWeb site,

<http://www.arrl.org>

Among the Board's other actions:

* The Board resolved that the League will seek to prevent additional non governmental sharing partners access to the residual segments at 5.650 to 5.725 or 5.825 to 5.850 GHz. The FCC has authorized Unlicensed National Information Infrastructure (U-NII) devices at 5.725 to 5.825 GHz with relatively high power and antenna gain. The FCC also has proposed to allocate 5.850 to 5.925 GHz on a coprimary basis for dedicated short-range communications (DSRC) systems as part of Intelligent Transportation System (ITS) architecture. The Board said the FCC's actions "will undoubtedly have an adverse effect on the utility of the band 5.650 to 5.925 GHz."

* In response to concerns about possible "millennium bug" (or Y2K) problems that could disrupt key services or communications, the Board asked the Volunteer Resources Committee to recommend to the Board at its 1999 annual meeting "various options for Amateur Radio preparedness to provide emergency communication support during the year 2000 rollover period."

* The Board asked Executive Vice President David Sumner, K1ZZ, to develop and implement a marketing plan to recruit new League members, using the theme of the year 2000.

* The Board also agreed to make ARRL "vanity" e-mail addresses available to former League elected officials who request them and agree to abide by rules for such use.

ARRL Bulletin 53
July 20, 1998

ARRL Board announces award winners

The ARRL Board of Directors has announced that Antone "Tony" Duarte, N1XRS, of Dartmouth, Massachusetts, is the 1997 Hiram Percy Maxim Memorial Award winner. The award goes annually to an amateur under age 21 who has demonstrated exemplary ham radio contributions and accomplishments. Duarte, 16, was nominated by Eastern Massachusetts Section Manager Lawrence Ober, W1MW, who received a dozen letters supporting the nomination. Nominators cited Tony's active participation ARES and SKYWARN and his extensive record of public service contributions, as well as his technical skill and his leadership role, especially among younger hams. The Hiram Percy Maxim Memorial Award carries a 1000 dollar(s) stipend, an engraved plaque, and a trip an ARRL convention for a formal award presentation.

The ARRL Board also named Stephan M. Anderman, K2SMA, of Hamburg, New Jersey, as the recipient of the Philip J. McGan Silver Antenna Award. The McGan award goes to an amateur who has done the most in the previous year to promote Amateur Radio. It's named for journalist Philip J. McGan, WA2MGQ (SK), the first chairman of the ARRL Public Relations Committee. Anderman is the host of the ham radio program "This Week in Amateur Radio" and editor of "The Hudson Loop," the Hudson Division newsletter. The Board also expressed its thanks to all amateurs engaged in public relations efforts on behalf of the hobby.

Named by the Board to receive the ARRL Technical Excellence Award were Eileen Lau, KE6VWU; Kai-Wai Chiu, KF6GHS; Jeff Qin, KF6GHY; John Davis, KF6EDB; Kent Potter, KC6OKH; and David Rutledge, KN6EK, all of the California Institute of Technology. The group was recognized for its article,

"High-Efficiency Class-E Power Amplifiers" in the May and June 1997 issues of QST.

The Board selected Frank McNally, KF0WF, of Colorado Springs, Colorado, as the recipient of the Herb S. Brier Instructor of the Year Award for 1997, and Robert Lavin, K6BOB, of Calabasas, California, as the recipient of the Professional Educator of the Year Award for 1997.

ARRL Bulletin 52

July 20, 1998

ARRL Proposes Simplified Amateur License Structure

The ARRL Board has agreed to propose a simplified Amateur Radio licensing structure with four classes. Lengthy discussion and debate during the Board's meeting July 16-18 led to majority support for a plan for four written examination elements to establish amateurs' operational and technical qualifications instead of the present five, and two Morse code examination elements instead of the present three.

Under the plan adopted by the Board, the entry level to Amateur Radio would be known as Class D and would convey the privileges of the present Technician license. The written examination would be at the same level of difficulty as that of the present Technician examination, but consistent with the privileges of the license. All amateurs now licensed as Technicians would become Class D.

The next step would be known as Class C and would convey the privileges of the present General license, but with phone subbands expanded by 50 kHz on 75 and 15 meters and by 25 kHz on 40 meters. Class C would be the entry level to high frequency (HF) operating privileges. To upgrade from Class D to Class C, an amateur would pass a written examination on the operational and technical qualifications required for HF operation and a 5 word per minute Morse code examination. All amateurs now licensed as General, Technician Plus, and Novice would become Class C. The expansion of the telephony sub-bands would result from

"refarming" of the Novice CW bands that are no longer required for their original purpose.

The third step would be known as Class B and would convey the privileges of the present Advanced license, but with phone subbands expanded by 50 kHz on 75 and 15 meters and by 25 kHz on 40 meters. To upgrade from Class C to Class B, an amateur would pass a more advanced written examination similar in difficulty to the present Element 4A and a 12 word per minute Morse code examination. All amateurs now licensed as Advanced would become Class B.

The final step would be known as Class A and would convey the full privileges of the present Amateur Extra Class, with telephony sub-bands expanded by 50 kHz on 75 and 15 meters and by 25 kHz on 40 meters. To upgrade from Class B to Class A, an amateur would be required to pass the most difficult written examination in the sequence. Consistent with the practice in many other countries, no additional Morse code examination would be required beyond 12 words per minute. All amateurs presently licensed as Amateur Extra Class would become Class A.

In their discussions, Board members emphasized that the objective is to rationalize and simplify the amateur licensing structure without reducing the requirements for any class of license. Where reductions in Morse code requirements are proposed, there would be a corresponding increase in written examination standards. On the other hand, Board members were adamant that simplifying the structure should not come at the expense of privileges already earned by amateurs. Therefore, present Novice and Technician Plus licensees, having earned entry-level HF operating privileges, would be granted the new entry-level HF license.

Adoption of the simplification plan marks the culmination of 30 months of work by the Board, during which time the input of literally thousands of ARRL members and other amateurs and prospective amateurs was considered. The Board debated a wide variety of options including both smaller and larger numbers of license classes,

higher and lower qualification levels, and different privileges. Nine of the 15 Directors voted in favor of the plan, with six opposed. Following the meeting ARRL President Rod Stafford, W6ROD, observed, "The debate was at times contentious and the result was not unanimous. Some Board members preferred greater simplification; others were uncomfortable with some of the changes being proposed. However, every Board member, without exception, left the meeting knowing that each of his or her colleagues did what they believe is best for the future of Amateur Radio."

Members are urged to contact their ARRL directors to comment on this proposal. E-mail addresses are on page 10 of any issue of QST. Members also may comment on the proposal via the ARRLWeb site, <http://www.arrl.org> or via e-mail at restrux@arrl.org.

ARRL Bulletin 51

July 16, 1998

League reiterates stance on LMCC petition

The ARRL has called upon the Land Mobile Communications Council (LMCC) to withdraw its request for reallocation of segments of the 420 to 450 MHz band to the Private Mobile Radio Service. Such a move would permit the FCC to focus its attention on portions of the LMCC petition that "might have more merit," the ARRL said. The League's suggestion is contained in reply comments filed July 16 with the FCC in response to the LMCC's petition for rulemaking, RM-9267, filed earlier this year. Amateur Radio shares the 70 cm band on a secondary basis with the federal government. The LMCC seeks immediate reallocation of the segments 420 to 430 and 440 to 450 MHz from the federal government to the PMRS.

Alternatively, the League asked that the FCC dismiss those portions of the LMCC petition dealing with the 420 to 450 MHz band as "plainly not deserving of further consideration."

The League said that comments from Amateur Radio operators--the vast majority of those filed in response to the LMCC petition--establish that the LMCC

proposal for a PMRS allocation in the 70 cm band "was ill-conceived." Hams told the FCC that the band is heavily used and vital to amateur public service activities. The League noted among other commenters "a complete absence of support" for the 420 to 450 MHz proposal in particular. Some commenters were altogether silent on the 420 to 450 MHz reallocation issue, while one LMCC member, the Association of Public Safety Communications Officials-International (APCO), opposed any reallocation in the band.

The League urged the FCC to pay close heed to the comments of the National Telecommunications and Information Administration. The NTIA said national security and other federal interests would preclude sharing on the band. Those comments, the League noted, were "clearly protective of its own use of the 420-450 MHz band, and that of the Amateur Service as well."

The League said the LMCC has failed to justify a 420 to 450 MHz reallocation. Comments filed so far, the ARRL said, disprove both the LMCC's "rank speculation" about possible federal reductions in the use of 420 to 450 MHz as well as its representations about amateur use of the band. "The record that has been developed shows that there is no compatibility between incumbent Federal and amateur facilities and new PMRS facilities," the League said. But the ARRL said it has no quarrel with the LMCC to the extent that it seeks to open discussion on the general issue of PMRS allocation needs.

A complete copy of the League's reply comments is available on the ARRLWeb page at: <http://www.arrl.org/news/bandthreat/RM-9267/arrl-reply.pdf>

ARRL Bulletin 50

July 15, 1998

ARRL says scanner proposals could hurt hams

The ARRL has told the FCC that some of its recent proposals to tighten scanning receiver rules "constitute severe regulatory overkill" and could harm law-abiding amateurs. The League made the

comments in response to last month's FCC Notice of Proposed Rulemaking, FCC 98-100 (ET Docket 98-76).

The ARRL said it's "sensitive" to the FCC's concern that devices not be able to readily intercept cellular calls. But, the League added, some of the FCC's proposals could result in "insufficiently defined regulations" that would prohibit or unreasonably restrict the making and selling of ham and test gear. Some product lines could become prohibitively expensive or prohibited altogether by the proposals, the League asserted.

Among other things, the League asked the FCC to avoid requiring scanning receivers in ham equipment to block access to frequency-control circuits, and to not entirely prohibit frequency converter or transverter kits for use in the Amateur Service. The League said the net effect of the kits ban would be to prohibit any frequency converters, even though they would not be used or useful for cellular reception, and asked the FCC to create an exception for Amateur Service frequency converters.

The League also asked that amateur receivers not be required to undergo potentially expensive direct-pickup immunity testing, and it urged the Commission to more clearly define its proposed rules to avoid unintended consequences that could adversely affect hams.

The League agreed that some extended coverage ham transceivers have image responses that make them able to receive cellular signals. But the League said this is not widespread and "largely not an issue in the Amateur Service," because the transceivers are not made, marketed, bought, or used for cellular image reception. Manufacturers could configure products to preclude cellular image frequency reception, the ARRL said.

The League said that current language banning the manufacture or sale of scanning receivers that are "capable of readily being altered" is sufficient. But the ARRL said requiring tuning and control circuits be made inaccessible would be "an overbroad requirement," and

that potting or encapsulating frequency-control hardware "is simply unnecessary for most amateur equipment."

The League said such a requirement would limit the ability of hams to legitimately experiment with or to even repair their own equipment and could needlessly drive up the cost of ham gear and make repair expensive or impossible. "The potting requirement is severe regulatory overkill and should not be enacted," the League said. "There are sufficient, less burdensome regulations now in effect and as proposed."

The League also called the FCC's proposed definition of test equipment "unreasonably limiting" and advised the Commission to correct the problem by eliminating the word "professional" from its definition.

A copy of the League's full comments is available at

<http://www.arrl.org/announce/ET98-76-cmt.pdf>

ARRL Bulletin 49

July 14, 1998

Hams volunteer in emergencies

ARES, RACES, and REACT members cooperated to provide volunteer communication and other assistance during the recent wildfire emergency in Florida. Wildfires that began in early June in drought-stricken areas of Northern Florida raged out of control in late June and early July, burning thousands of acres of property, destroying hundreds of homes, and causing upwards of 300 million dollars in damage. Recent rain has offered some relief, but the fire danger continues.

Besides providing communication backup at emergency operation centers, hams also helped at Red Cross shelters set up for those forced to evacuate. Others served as fire spotters, maintained formal and informal nets, or stood by as needed.

Northern Florida SEC Nils Millergren, WA4NDA, says the fires were the worst in memory. "I've lived in Florida all my life and never remember anything like this," he said. On a day that should have been a holiday--July 4--hams found themselves coordinating firefighter and

evacuee relief efforts. Hams even volunteered to load, transport, and unload needed supplies.

Given the ban on fireworks, volunteer firefighter and ham Jeff Capehart, KE4NIV, called it "a very unusual Fourth of July" and definitely one for the record books.

In West Virginia, ARES and RACES members abandoned their Field Day effort to help out in the wake of flash flooding that affected parts of Kanawha and 16 other West Virginia counties. Hams helped in shelters, assisted relief efforts, and reported on water levels.

In Ohio, hams recently helped during two major flooding episodes, one involving flash floods in at least 20 counties. Ham radio weather spotters played a big part in the early stages of the weather emergencies. ARES groups in affected localities supported Red Cross and Salvation Army response teams. Overall, ham radio involvement was minimal because normal lines of communication remained open.

ARRL Bulletin 48

July 14, 1998

Election to decide Southern Florida SM

Ballots went out June 30 to ARRL members in the Southern Florida section to determine who will be the next section manager there. Three candidates have qualified to succeed Robert "Rip" Van Winkle, AA4HT, of Lakeland. He has decided not to seek another term. On the ballot are Kevin Bunin, K4PG, of Delray Beach, Neil Lauritsen Sr, KA3DBK, of Clearwater, and Ed Petzolt, K1LNC, of Hobe Sound. The successful candidate's term begins October 1.

Three other new section managers also begin their terms of office October 1. All three were unopposed for election. In Puerto Rico, Juan Escobar, KP4ZZ, of San Juan, replaces Guillermo Schwarz, KP3S. In Idaho, Michael Elliott, KF7ZQ, of Boise, succeeds Mike Langrell, AA7VR. In Ohio, Joe Phillips, K8QOE, of Fairfield, replaces David Kersten, N8AUH.

Six incumbent section managers were unopposed for re-election. They are Coy Day, N5OK, Oklahoma, Bill Kurtti, WC0M, North Dakota, Randy "Max" Wendel, N0FKU, Minnesota, Betsey Doane, K1EIC, Connecticut, Bill Thompson, W2MTA, Western New York, and John Ellis, NP2B, Virgin Islands.

Up Coming Events

August 15, 1998 Chanute, KS, Sponsored by Chanute Area ARC, Contact: Charlie Ward, WD0AKU 2808 South Santa Fe, Chanute, KS 66720 316-431-6402

August 16, 1998 Salina, KS, Sponsored by Central Kansas ARC, Contact: Ron Tremblay, WA0PSF 12 North Douglas Dr., Salina, KS 67401 785-827-8149
E-mail: tremblay@midusa.net

September 12, 1998 Central Missouri Radio Assn., Columbia, MO Perry Ogletree, N0NMC PO Box 283, Columbia, MO 65205-0283 E-mail: cmra@qsl.net - <http://www.qsl.net/cmra>

September 13, 1998 O.A.R.S. Hamfest Monett, Mo. City Park. Sponsored by the Ozarks Amateur Radio Society

Sept. 19 1998 Shattuck Oklahoma The Great Plains Radio Club Ham Fest email me for info donald@ptsi.net

CANCELED CANCELED

October 2-3, 1998 NWAARC Hamfest for 98. at the Jones Center For Families in Springdale AR. e mail me at shyde3@juno.com for more information or call 501-524-4797

ANNOUNCEMENTS

VE exams on 3rd Monday of each month sponsored by C.O.R.A. 1800 @ Salvation Army HQ at NW 50th and N. Penn, Oklahoma City.

VE exams on 3rd Saturday of each month are held at 0900 at Southern Temple Baptist Church, 1821 S High, OKC. Talk

in on 146.76 MHz. For more information contact Audie, AA5GB @ 799-9916.

VE exams by appointment only on 4th Tuesday of each month at 1800 in the Shawnee Public Library, 101 N. Philadelphia. Call J. W. Drummond at 275-3935 for more information.

VE Exams on the first Saturday of each month at the Church of Christ, 811 N. 4th St., Broken Arrow. Starts at 9:30 AM and lasts until everyone is finished. New hams and upgrades are welcome.

VE exams on 2nd Saturday of each month sponsored by SCARS are held at 1000 at the American Red Cross in on Westheimer Airport in Norman. Contact Jim Copeland, NW0K at 329-1681 for more information.

VE exams on 4th Tuesday of even months are held at 1830 at the Altus Vo-Tech in Altus, OK. Contact George Mateyo, N1GM for details.

VE exams on the 2nd Sunday of odd numbered months sponsored by the Stillwater ARC at 1500 in the OSU Engineering North Building, Room 316. Contact Ken, K5KC (405) 377-7586 for details.

VE exams on the 1st Saturday of each month at 1430 in the Vinita City Hall sponsored by Northeast Oklahoma Radio Assn.

VE exams on the 1st Sunday of each month at the American Red Cross 6th and Lincoln for more information call Jim, N5BEQ at 232-2299.

On the Air

Listings of Nets on local repeaters or sponsored by CORA members:

ARES - Oklahoma County Thursdays @ 8:00 p.m. on 146.22/82.

6 meter check in 52.525 Mhz simplex

Packet check-in on 145.07

SW Oklahoma - Thursdays @ 7:00 p.m. on 146.31/91.

Salvation Army - Second Saturday of the month @ 8:00 a.m. on 146.22/82.

HF 3900kHz; Packet 145.07

AMTOR @ 8:30 a.m. 14.064mHz

OKC Swap-n-Shop - Saturdays @ 10:00 a.m. on 146.22/82.

Geritol - Daily @ 8:00 a.m. on 145.41 minus input.

Edmond Info - Mondays @ 8:00 p.m. on 147.135/735.

QCWA Chp 63 VHF - Thursdays @ 7:00 p.m. on 145.41 minus input.

QCWA Chp 63 HF - Sundays @ 8:00 on 3855.0kHz USB.

Wheatstraw - Wednesdays @ 9:00 p.m. on 146.01/61.

Purcell - Mondays @ 8:00 on 145.19 minus input.

Cimmarron - Tuesdays @ 9:00 p.m. on 145.45 minus input.

YL Net - Tuesdays @ 8:00 p.m. on 147.09 plus

Oklahoma Training Net - Daily @ 0000Z on 3692.5 kHz (CW Net)

Oklahoma Section Net - Daily @ 0030Z on 3692.5 kHz.

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S	M	T	W	T	F	S	CORA Events							S	M	T	W	T	F	S
			1	2	3	4										1	2	3	4	5
5	6	7	8	9	10	11								6	7	8	9	10	11	12
12	13	14	15	16	17	18								13	14	15	16	17	18	19
19	20	21	22	23	24	25								20	21	22	23	24	25	26
26	27	28	29	30	31									27	28	29	30			

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 9:30AM- BAARC VE Testing 10:00AM Ada ARC 2:30PM Vinita VE Exams
2:00PM American RC VE Exams	2 9:30AM Broken Arrow ARC	3 7:00PM Lawton/Ft Sill ARC	4	5 7:00PM Aeronautical Center 7:30PM Cimmaron ARA	6	7 9:30AM South Canadian ARS 10:00AM SCARS VE Exams
2:30PM Wheatstraw ARC	9	10 7:00PM Altus AARC 7:30PM-8:00PM Tri-State ARG	11 11:00AM Oklahoma VHF Club	12	13	14 9:00AM Southern Temple BC VE...
	16 6:00PM CORA VE Exams 7:00PM Choctaw ARC	17 7:30PM OCAPA	18	19	20	21 6:00PM EARS Dinner
	23	24 6:30PM Altus VE Exams 7:30PM CORA	25	26	27 5:00PM C&E Deadline	28
	30 6:00PM Shawnee VE Exams	31				
						29