

Collector & Emitter

A CORA Publication

July 1996

Volume 22, Number 07

Issue 257

50¢

Postmaster See Page 2
For Postal Information

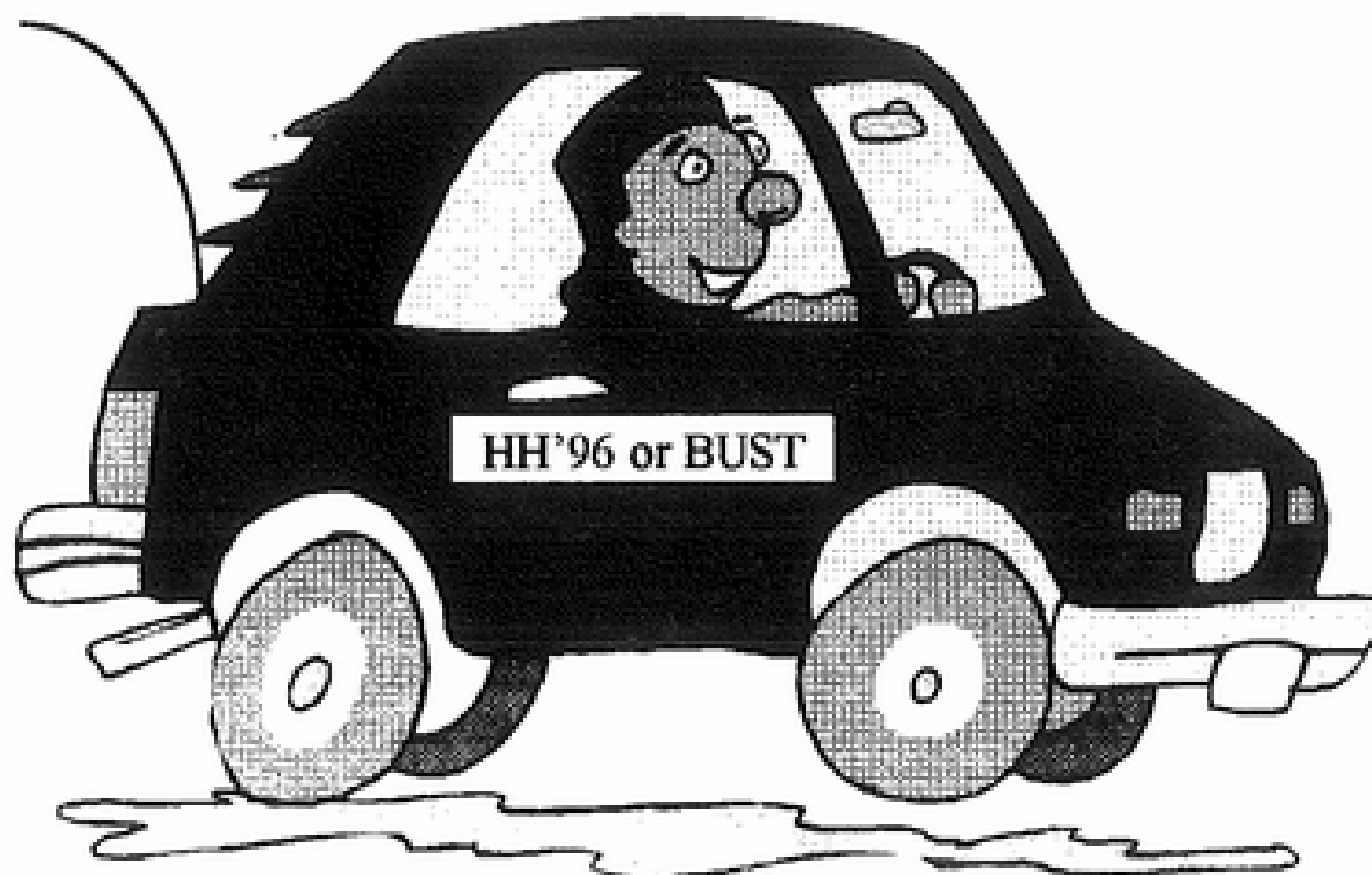
Periodical Mail

FYI
White House E-Mail Addresses

The Accident
How not to put up a tower

Help in Finding 10m Activity

Flea Market Dictionary?



New LF Band in UK

Wordsearch is Back

Ham Holiday '96

Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio
Amateurs, Inc.****President: Harold Miller, KB1ZQ****V Pres.: Louis Kennedy, KC5ABI****Secretary: Forrest Rush, N5VWF****Treasurer: Perry Jenkins, KB5TOT**

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:

2	96/12	2
JOHN E. DOE, KA5ABC		
1234 SW 56th STREET		
RADIOVILLE, OK 74321		

The "2" means VHF Club, "96/12" means the year/month C&E subscription expires. The "2" is for postal zones.

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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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:	11. Edmond Amateur Radio Society Meets: Odd Months, 1400L, 3rd Sunday, St. John's the Baptist, Even Months, Dinner, 3rd Friday Pres.: Edith Vaughn, KA5YPN 348-2961 VP: David Wolfe, KC5KJE Sec: Jim Rynearson, KC5MJS 348-2643 Treas.: Clara Granger, KG5UG 341-2968 Editor: John Thomason, WB5SYT 340-1796
2. Oklahoma Central VHF ARC Meets: 1100, 3d Saturday, Ashley's Country Kitchen 1-40 & SE 15th St., Del City Pres.: Jacklyn Olsen, KA5ENU 842-2305 VP: Ken Eason, KF5JS 789-2200 Sec: Joe Buswell, K5JB 732-0676 Treas.: Ellard Foster, W5KE 789-6702 Editor: Joe Buswell, K5JB 732-0676	14. Cimmaron Amateur Radio Assn. Meets: 1930L, 1st Thursday, WN5Y Playhouse 827 S. 13th, Fairview Pres.: John Medley, N5WVU VP: Kenneth Monahan, KB5SOM Sec: Dennis Painton, WK5V 764-3599 Treas.: Nadine Painton, N5FMH 764-3599 Editor: Kenneth Monahan, KB5SOM
4. Oklahoma City Autopatch Assn. Meets: 1930L, 3rd Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (Back Door) Pres.: John Brassfield, N5SAM 685-8070 VP: Loyd Hargrove, AB5I 391-5723 Sec: Jim Richardson, N5OHL 524-0456 Treas.: Bob Kremer, WA9FCT 381-3182	15. South Canadian ARS Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Michael McEwen, KC5GJL 329-2615 VP: Mike Divilio Jr., KC5GRZ 360-3236 Sec: Randy Ridenour, WB5RWV 329-0967 Treas.: Sara Byer, KC5ABA 321-1673
6. Altus Area Amateur Radio Assn. Meets: 1900L 2nd Thursday, Southwest Technology Center, Altus, OK Pres.: Mike Brown, KK5ZB 481-6138 VP: John Mealer, AB5WQ 563-9252 Sec: Lil Town, KC5CNA 477-4027 Treas.: Mart Dennis, KC5NAX 477-2988 Editor: Jim Arterberry, N5UJB 353-5722	17. Ada Amateur Radio Club Meets: 1000L, 1st Saturday, Basement Ada City Hall 231 South Townsend, Ada, OK Pres.: Roy Throne, KB5STV 436-1019 VP: Dwight Myers, N0RIW 436-4755 Sec: John Burchett, KC5EJC 332-1063 Treas.: O. J. Collins, KC5DYN 332-7878
8. Choctaw Amateur Radio Club Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Bill Crossland, N9SQV 390-1514 VP: Hub Peery, W5GYX 275-8036 Sec: Larry Anderson, KB5ENP 672-4590 Treas.: Bill Tarkington, KC5ICR 390-8751 Editor:	19. Tenkiller Area ARC Meets: 1300L, 2nd Saturday, Cookson Fire Dept., Cookson, OK Pres.: Mike Clemons, KE5NU 918-463-3287 VP: Clyde Stottlemire, W5TQE 918-457-5959 Sec: Dick Wells, KH6FHS 918-457-3463 Treas.: Norma Wells, N5PNP 918-457-3463 Editor:
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2nd Sunday, Location Varies Pres.: Johnny Fish, K5GBN 893-2227 VP: Neil Kappus, N5KCO 262-1551 Sec/Tr.: Joe Garland, WA5FLT 893-2660 Editor: Ralph Wilder, WA5PFK 623-5421	<p style="text-align: center;">CORA is Growing!! Room For Another Club's Officers Here. Let US Know of any Clubs wanting Information On Joining CORA.</p>
10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Jim Hood, WV5S 405-732-6131 VP: Ross Hunt, K5RH 918-234-5050 Sec: Jeff Martin, K5WE 918-486-6493 Treas.: Mark Byard, N5OGP 405-762-1966 Editor: Mark Byard, N5OGP 405-762-1966	Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (BackDoor) Pres.: Hal Miller, KB1ZQ 672-7735 VP: Louis Kennedy, KC5ABI 321-8992 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, KB5TOT 354-5075 Editor: Harold Miller, KB1ZQ 672-7735

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Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting of June 29, 1996.

The meeting was called to order at 2:00 PM by the president of CORA, Hal, KB1ZQ. Four clubs were represented with thirteen people in attendance plus two visitors.

The May minutes were approved as printed in the C&E. The treasurers report was read, discussed, and approved with one dissenting vote.

C&E Report - The C & E has purchased a new program to allow us to mail the C&E as per the new postal regulations. C&E upgraded to a periodical permit.

HH '96 - Dealers. As of June 29th, we have nine confirmed dealers coming to Ham Holiday.

VE Testing. The hours for the VE tests are from 10:00AM to 2:00PM. There will be 14 or 15 ARRL VE examiners to help those taking their tests. See Jim Copeland, NW0K, for details on VE testing.

Joe Harding Memorial Scholarship - All applications have been received for the Joe Harding Memorial Scholarship, and this year CORA will be able to award **TWO** five hundred dollar scholarships. Joe would be proud.

ARRL Sanction - As of June 14, 1996, the 23rd annual Ham Holiday was awarded ARRL approval

Next CORA meeting - The next CORA meeting will be at the usual place, Salvation Army Divisional Headquarters' at NW 50th and N. Pennsylvania Ave. Time will be July 23, 1996 at 7:30PM. Hope to see everyone there.

Respectfully submitted,

Forrest Rush, N5VWF
CORA Secretary

From the President

Over the past month CORA has been finalizing the plans for Ham Holiday '96. We have received a letter sanctioning our hamfest by the ARRL, a few more dealers have called asking for information, and inquiries about pre-registration have come from as far away as Dallas.

Hopefully by the time you read this most all amateur radio households in Oklahoma will have received a bulk mailing of a flyer for HH '96. We mailed over 8200 fliers out to homes here in Oklahoma alone.

We have purchased some prizes prior to the show and plan on giving them out throughout the day to help keep people interested. Programs are being printed to tell when the different forums are.

There will be forums for the spouses and for active hams. VE testing is provided by ARRL VECs this year to add to the ARRL sanction.

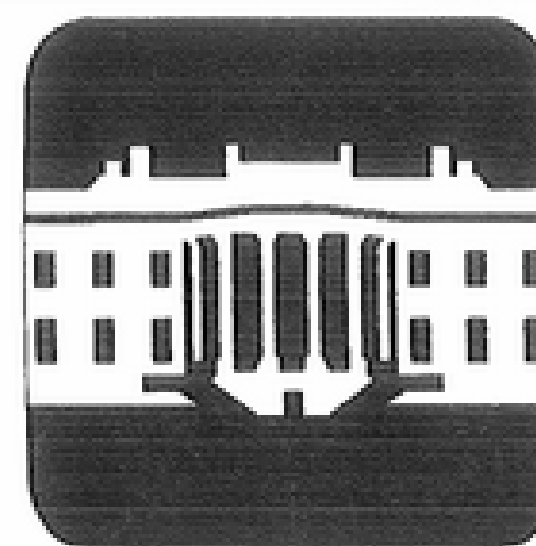
Please come out and see the convention. We the members of CORA are doing our best with what help and resources we have to put on a good weekend.

Other subjects are the Collector and Emitter will have a slightly new look in the coming months. The mailing label on the front may lose the clubs you belong to and will gain a barcode across the top or bottom. This is to facilitate us moving with the post office to automation. All zip codes will be Zip+4 and we now have the capability to do this by modem. So don't worry about your zip code extensions other than to renew.

I have decided that I will not run again for president of CORA next year. This is due to being editor and there is too much going on to do both jobs. So please get together and find several people willing to work and keep CORA going.

Well that's about it for now, hope to see you at the hamfest.

Hal, KB1ZQ



FYI

by N1LPN

E-mail addresses are fast becoming an easy way to communicate with others. I use e-mail to keep in touch with my kid brother on a weekly basis. I like the idea of being able to send messages to friends and the fact they are able to receive the message within minutes. I also have found it to be an easy way for different ham clubs to send in their club news for the newsletter. I love it! The only down side is there are currently no set standards to prevent you receiving unwanted mail. Recently, I have had personal experience receiving unwanted, and unrequested e-mail to services I never knew existed.

The one good thing I was able to find in the flood of 'junk e-mail' was a few interesting e-mail addresses. These addresses are funded by your tax dollars and were created on October 20, 1994. It is on the World Wide Web on the Internet. It was created by President Clinton to give you an easy access to the White House and offers a wide variety of information.

The addresses are as follows:

1. Home page address
<http://www.whitehouse.gov>
2. Personal addresses
President@whitehouse.gov
Vice.President@whitehouse.gov
First.Lady@whitehouse.gov
3. White House Public Access FAQ (this is an autoresponder only)
faq@whitehouse.gov

There are other e-mail addresses for the White House but this should get you started. Happy e-mailing!

Chit-Chat

by Linda, NILPN

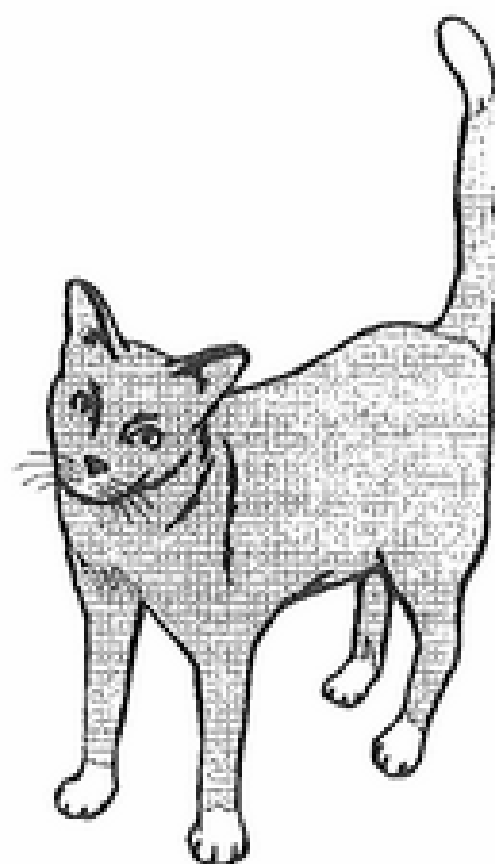
This is be my last Chit-Chat article for the next few months. I have a few things I must complete before I continue writing for you. Please understand that I will not be leaving Hal alone to do the newsletter, I will continue helping him. I just do not have enough hours in the day to accomplish everything I must do. Some unexpected projects were dumped in our lap concerning HH96, C&E plus CORA because no one else wished to be bothered. Attitudes like that are not needed. We all have a life beyond ham radio, yet there are times when a job needs to be done. Honestly, a job when shared is completed in half the time it would have taken one person to do. I guess, I just placed my trust in the wrong person. I'm human and will be fine once things settle down and HH96 is behind us.

As for Chit-Chat, I am always surprised when someone tells me they enjoyed reading something I've written. This column started out as a XYL/YL's viewpoint of amateur radio and the challenges we face in a hobby that is mostly a 'male thing'. The very first article was about the challenges of field day and was written by Cheryl, KB5WQR.

We, the C&E staff, thought the idea was a good one and so asked for others to take turns writing the column. When I said I would take my try at writing Chit-Chat, I never expected to still be at it almost two years later. I never thought anyone would really care what I thought or wrote but always gave it my best shot. I am glad that

through my writings I have brought smiles to some, brought back sweet memories to others, and touched a few hearts along the way. There have been some who have not always agreed with me and the stand I may take. A few times, I have gotten onto a soap box concerning topics close to my heart.

On a personal note, I would like to thank all who called, sent e-mail, notes and cards of condolence. Shane was a 15 year old cat and had been a part of my life from just a few hours after his birth. He was given to me along with his brother and 2 sisters plus mother cat by a neighbor. Her husband was going to use them for fish bait. One of the girls died 2 weeks later. I boxed trained the little family and posted notices 'free kittens' when they were 7 weeks old. They all found homes except the light honey colored American long hair tabby.



He would hide, I would drag him out, he would spit, growl and hiss at anyone who was interested in giving him a home. He never scratched or bit, but sounded very

mean. Once he and I were alone, he would wrap his paws around my fingers, purr and suckle on my fingers. He knew where home was, I just needed reminding. He was named Shane because of his gift of blarney. He had a loving gentle nature. I made him an inside cat out of fear. There are many who go out of their way to harm and kill cats out of hatred. At his last vet check up, we were told he had another 10 to 12 years of life ahead of him. He was very healthy for his age. He ran outside when we checked our mail a month ago and no one knew it. His life was cut short by a speeding car. My life seems lonely

now without him by my side during the day and late at night. It will take time for the pain to ease. Again, I thank all of you that sent messages, they meant a lot to us.

Concerning the C&E, I thank all of you who have shared your thoughts, ideas and cherished recipes with me for printing. If all goes well, I should be back writing in no time. So, don't get too use to not reading this column. Have a nice summer, try to keep cool, and watch out for little ones playing while driving in housing areas. Speeding kills and once a life is taken, nothing can bring it back.

Hope to see you at Ham Holiday 96. I will attempt to do a Craft Demo Friday evening beginning at 7:00pm for anyone interested at HH96. Come join in on the fun, I have absolutely no idea what I'll be teaching. We'll both be surprised! This will be a first for me, I've done craft classes for kids many times but never for anyone above the age of 16 years old. Drop by and I can promise it will be interesting. Later.

NETS
Sunday 0800L
3.855MHZ USSB
&
Thursday 1900L
145.41 Repeater



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Choctaw Amateur Radio Club

PRESIDENT'S CORNER

Because ARRL moved Field Day ahead a week from the normal time frame, I was unable to take a more active part in the activities this year. However, I did get back in time to look at the logs, and I think I saw more contacts compared to last year. We had over 4,000 points last year. Things seemed very well organized. We owe a lot to Mike McFarland, N5WNT and Don McDown, N5ENQ who co-chaired the Field Day committee. Then, of course, there was the *esprit de corps* of the members who stayed there all weekend to make it happen. My hat is off to all the members of the Choctaw Amateur Radio Club for putting together what is surely the best Field Day ever.

73 de Bill, N9SQV

ANNOUNCEMENTS

The next meeting will be held 15 July at the Eastern Oklahoma County Vo-Tech.

The next CARC Swap Meet will be 14 December at the Midwest City Community Center, Reno & Midwest Blvd. next to the library. Tables are \$3.00 each.

A brand new ham has surfaced among us. Charlene Crossland wife of N9SQV, just passed her No-Code Technician exam. Welcome to amateur radio, Charlene. I'm sure Kay will be looking forward to hearing you on the YL Net as soon as you get your callsign.

An "old" ham with a brand new (old?) callsign. John Mathis, known to us for years as K0ZPO, has retrieved his original

5-land callsign from the FCC. His is now K5CBP. Congratulations, John.

A hearty thank you goes out to Linda Miller, NILPN, editor of the *Collector & Emitter*. She provided some much needed information from back issues of the C&E to our club historian. This helped fill in some serious gaps in our historical files. Thank you very much Linda.

MINUTES

17 June, 1996

The meeting was called to order at 1905 in the Vo-Tech with Bill, N9SQV, presiding and 15 members present. Introductions followed.

REPORTS:

May Minutes: The minutes for the meeting held 20 May, 1996 were approved as published in the C&E.

Treasury: The treasurer's report was approved as read by Bill, KC5ICR. He also announced that the next swap meet was scheduled for the 2nd Saturday in December.

Texnet: The Texnet report was given by John, K0ZPO. Oklahoma is now represented on the TPRS Board of Directors. There are no longer any Z-80 technology controllers available, as they have been discontinued. 9600 and 1200 baud modem boards are still available. The newer technology boards will be readily available in the near future. The two radios provided by OKDXA for the packet cluster are being tested. At present, there is a slight frequency drift problem which is being worked. The Fayetteville 2 meter node is now on 145.690. When band conditions are good, some of their data may be seen here. John has the latest versions of G8BPQ and YAPP.

YL Net: Kay, KB5VJR reports they are averaging 6 to 10 check-ins per week. A reminder: All YLs and XYLs are welcome.

History: Kay, KB5VJR said she has managed to fill in the gaps between 1979 and 1982 with the help of the C&E editor, Linda, NILPN. This information was

very much appreciated. Now all that is needed is some missing data between 1982 to present.

OLD BUSINESS:

Field Day: Discussions took place to make final preparations for Field Day. This included a run-down of what equipment was needed and who would provide it. Members volunteered to be on hand as needed to be operators for the various operating positions. Don, N5ENQ passed around the article that was published in the Midwest City Sun.

J.O.T.A.: Chuck, KC5EVS had nothing new to present. The project is still being worked, however.

Repeater Upgrade: Don, KB5KWV has been too busy with work obligations which have precluded his work on the repeater. It is very near completion, and Ken Fields, K5VJN has volunteered to work on it upon his return from vacation. The current duplexer will remain in use. A new controller will need to be purchased to provide autopatch capability as previously voted on by the membership.

Fox Hunt: Larry, K5VVD noted that we may be able to organize on sometime this summer after Field Day.

NEW BUSINESS:

Les, KB5RV referred to the article in the July 1996 QST, page 9, regarding a threat to the 2 meter and 70 centimeter bands. WRC-97 has on their agenda to consider allocating some of this spectrum to the new mobile-satellite service that will be using low-earth orbit satellites (little LEOS). He stated that everyone should take the time to voice their opinion on this matter in the interest of preserving the public service amateur radio operators provide in this part of the spectrum. Letters may be mailed to:

Office of the Secretary
Federal Communications Commission
Washington, D.C. 20554

or e-mail to:

wrc97@fcc.gov

At the top of each letter, include:

Reference No. ISP-96-005
Advisory Committee Informal Working
Group 2A

Latest information on this issue may be
found on the ARRL home page:

<http://www.arrl.org>
and click on "Band Threat News".

PRESENTATIONS:

Larry, K5VVD passed out a National
Weather Service fact/summary sheet
pertaining to the Ft. Smith tornado.

He then shared a video tape called Shelter
in Place that outlined what to do in the
event of a toxic chemical spill in your area
at home or work place.

Both items were very informative.
Thanks, Larry.

The meeting was adjourned at 2042L.

FINAL NOTES

Now that another Field Day has come and
gone, we would like your reflections,
experiences, and stories so they may be
put into the logs of CARC History. In this
way, club members can reminisce about
the 1996 Field Day for years to come.
Please submit your inputs to Kay,
KB5VJR or yours truly. Yes, anecdotes
are more than welcome too.

73 de Larry, KB5ENP

I would like to apologize to the Choctaw
members for not placing your logo on the
head of your column last month. I tried to
use it, but when your color logo printed on
my black and white printer, all I got was a
large circular black dot. Since then I have
placed your logo into Paintbrush and
made some color corrections to get it to
come out in a more recognizable
impression. I hope this is acceptable to
your membership.

The Editor

The Accident

*Adapted from the FOC Focus,
Summer 1992*

This amateur is sitting at his desk
answering a letter from his insurance
company:

"I am writing in response to your request
for additional information for block three
of the accident report form. I stated 'poor
planning' as the cause of the accident, but
you said that I should explain more fully
and I trust that the following details will
be sufficient.

I am an amateur radio operator. On the
day of the accident I was working alone
on the top section of my new 80-foot
tower. When I had completed my work I
discovered that I had, over the course of
several trips up the tower, brought up
about 300 pounds of tools and spare
hardware. Rather than carry the unneeded
tools and material down by hand, I
decided to lower the items down in a
small barrel by using a pulley which,
fortunately, was attached to the gin pole at
the top of the tower.

Securing the rope at ground level, I went
to the top of the tower and loaded the tools
and materials into the barrel. Then, I went
to the ground and untied the rope, holding
tightly to ensure slow descent of
300pounds of tools. You will note that in
block 11 of the accident reporting form
that I weigh only 155 pounds.

Due to my surprise at being jerked off the
ground so suddenly, I lost presence of
mind and forgot
to let go of the
rope. Needless to
say, I proceeded
at a rather rapid
rate of speed up
the side of the
tower.

In the vicinity of
the 40-foot level,
I met the barrel
coming down.
This explains my

fractured skull and broken collarbone.
Slowed only slightly, I continued my rapid
ascent, not stopping until the fingers of
my right hand were two knuckles deep
into the pulley. Fortunately, by this time, I
had regained my presence of mind and
was able to hold onto the rope in spite of
my pain.

At approximately the same time, however,
the barrel of tools hit the ground and the
bottom fell out of the barrel. Devoid of the
weight of the tools, the barrel now
weighed approximately 20 pounds. I refer
you again to my weight in block 11. As
you might imagine, I began a rapid
descent down the side of the tower. In the
vicinity of the 40-foot level, I met the
barrel coming up. This accounts for the
two fractured ankles and the lacerations to
my legs and lower body. The encounter
with the barrel slowed me enough to
lessen my injuries when I fell onto the pile
of tools and fortunately only three
vertebrae were cracked.

I am sorry to report, however, as I lay
there on the tools in pain, unable to stand
and watching the empty barrel 80 feet
above me, I again lost my presence of
mind and let go of the rope.

Please wish me a speedy recovery and
settle my claim. Thank You."



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Edmond Amateur Radio Society

JULY 1996

Jumpin' July. is it plenty hot or what? Hope your summer is going well as we are nearing the midpoint of Summer, 1996. Ever wonder why us hams are the busiest when the temp is the hottest?

As usual EARS has been a very active club. In this little write-up, we will attempt to sample club activities over the last few weeks. By the way, your membership is welcomed into EARS.

Board Meeting

The June Board meeting was held on Wednesday, the 5th, at the Club Station. All Board members, excepting Kevin were in their seats. Now you see Clarence, KB5RR, had agreed to fill in for Jim, KC5MJS. The always dependable, reliable, and punctual Clarence, was he there? No! Took a call from N50HL to get Clarence on-task. Topics, as usual, included treasurer's report, club station, repeater, membership renewals, and plenty of other stuff, some having to do with Amateur Radio. No EC report was given. Other topics included WRC-97 and CORA.

Field Day 1996

Goodness, what a Field Day! We participated with OKC Autopatch, OK DX Association, FAA, and others at Deer Creek School, which is located at 206th & MacArthur Blvd. Some would say this site is a long way from anywhere, but if a location can be functional and pretty in Field Day heat, this location would fit the description.

As is customary, the set-up started Saturday morning. The club's dinner meeting for June was held Saturday night with Mazzio's Pizza as the catch-of-the-day. By 7:30 or so Saturday p.m., the air temp/humidity was tolerable and made for some good visiting. We had some of our new friends and some that had been with us awhile! And others...

Field Day was comprised of an extensive layout of towers, beams, tents, camping trailers, pick-ups, emergency vans, and a wide swath of untanned men's legs which were only partially covered by short britches. A few visits to a tanning salon in preparation for Field Day would have made all of us somewhat more presentable. The prevalence of protuberant bellies at our Field Day gathering...No explanation needed.

This Field Day had to be one of the most comprehensive EARS has ever been a participant, if not the most comprehensive. There was CW, packet, satellite, SSB, computer-controlled transceivers, and logging done by computer. The tent network alone would have made Eddie Baurer proud while the Rohn Company would have saluted the towers. If they would just have known: Kenwood, ICOM, YAESU, likely would have become teary-eyed with all the intense RF coming out of Deer Creek like K-Mart shoppers shuffling to the next blue-light special. Attention K-Mart Shoppers...oh, sorry wrong story.

On your journey to the Deer Creek School to revisit the site, (and sights), but not sighs, do yourself a favor and waddle into the Deer Creek General Store. It was rumored (per KC5PLI) that a loaf of bread was toasted from the Field Day RF while atop the shelf #2, row 3 at the Deer Creek General Store. KC5OKC reported that was not true; what did happen was 2 1/2 cans of Spam from shelf 3, row 2 were quick broiled. Please feel free to investigate these reportings to your desired level of credibility.

We have covered the sights of Field Day 1996, how about the sounds:

thud-thud-thud- fence post (tower anchors) drivers being strong-armed.
roar-roar-roar- dual generators providing all the neat power.

drip-drip-drip- sweat of profuse proportions coming off more than one forehead.

tiny swooshing sound- the delightful purring of the soft-serve ice cream machine.

K5NK, 3A-OK- our Field Day persona heard in voice, CW and still in our sleep.

drumroll (to the beat of CQ, CQ, CQ)- provided auditory background for the Field Day closing ceremonies.

drummer:KJ0W drum: inverted many gallon water-jug.

Many thanks to OKC Autopatch and all others for allowing EARS to participate. Hopefully, we all came away having learned a little about operating and a lot about being on the same team.

July Birthdays

Join me in recognizing this months' birthday list. Happy birthday to each of the following:

3rd---Joyce Wolf, KC5NBI
6th---Mike Mize, KB5BIX
6th--Paul Richardson, KB5BPL
9th--Ernest Wolf, K5YKD
13th--Matt Hohman, KC5QQG
17th--Jason Snyder, N5USO
18th--Clarence Dollmeyer, KB5RR
24th--Toni Winnard, KK5LH
27th--JoAnn Buswell, KB5BQH
28th--Shelby Mize, KA5YPE
28th--Sam Sitton, KV5X
29th--Robert Thomason, N5IJX
29th--Al Board, WA5GOI
30th--Herb Tudor, K5OIP

Club Officer Change

In the past few weeks, EARS has had a change in officers. Richard, KJ5QU, resigned as Club President. On behalf of the club, I extend to Richard sincere thanks for all of his time, creativity, and care he put forth. Richard and Toni have made EARS, and continue to make it a better club. The President of an Amateur Radio Club of an activity level of EARS is a demanding position. Richard has

brought substantial improvements in the Monday night and has contributed greatly to our packet station operation. He gathers and posts information bulletins on our packet mailbox (EARSBX), which is quite interesting while providing a great service to Amateurs. Richard: this Bud is for you!

The new officers are as follows:

Edith Vaughn, KA5YPX ---President
David Wolf, KC5KJE --Vice - President

The remaining officers remain intact:

Jim Rynearson, KC5MJS ---Secretary
Clara Granger, KG5UG ---Treasurer
Dee Mize, WD5FHR ---Club Station
Kevin Means, N5USQ ---Emergency Coordinator
Larry Traub, N5IXV ---Director
John Thomason, WB55YT ---Director

Give these officers all your support while knowing they will finish the year out in great fashion.

Upcoming EARS Activities:

July 4th - Edmond & OKC Events
All Day
Thursday

July 10th - Board Meeting
7:00 p.m. @ Club Station
Wednesday

July 21st - Club Meeting
2:00 p.m.
St. John the Baptist Catholic Church
Sunday

Each Monday at 8:00 p.m. on 147.135
Information Net.

Each Thursday evening the Club Station is open under the direction of Jim, N50HL.

EARS Packet Station on 145.07

EARSBX-Mailbox

Edmond-NODE

73 de John Thomason, WB55YT
EARS Editor

How To Find 10 Meter Activity

Have you given up on the ten meter band? Although it's true that you can often scan the entire band and not hear a single station, the band is far from dead. Even now, at the bottom of the sun spot activity, ten meters keeps on coming back. The secret is knowing when to listen and what to listen for!

Determining if the band is open:

There are three easy ways to identify if the band should be open.

First tune into WWV, this radio station broadcasts on 2.5, 5, 10, 15, and 20 MHz. Start by checking 20 MHz and see if WWV is giving you a good strong signal. If it is, 10 meters may indeed be open. If you can't hear it, it's likely 10 will be dead. Also be sure to listen for the solar on WWV at 18 minutes past each hour or 45 minutes past for WWVH in Hawaii (WWVH is not on 20 MHz). If the Solar Flux is reported above 90 and the A index is under 10, start calling CQ DX on ten meters! The higher the flux and the lower the A index, the more DX you'll be working.

Next, there are the numerous beacon stations operating at the high end of the 10 meter cw band, just below 28.3 MHz. The beacon stations can be identified by the suffix added to the call, and are commonly used. It's amazing how many times these low power stations are solid copy into my station when there isn't a soul to be found on the band! Don't give up though if you can't find any beacons, the opposite can also be true, you might not hear a single beacon on the air, yet there may be an opening to an area where there is no beacon.

Here is a list of just a few of the beacons to listen for when the band seems to be dead.

28.225 KW7Y/b CAMANO ISLAND,
WA 4 watts
28.244 WA6APQ/b LONG BEACH, CA
28.259 KA1NSV/bcn Cape Cod

Lastly the band itself can tell you if an opening is in progress. Often when the band is opening or closing, blips, beeps and pops can be heard flashing across the

band. It has a sort of machine gun sound to it. Once the opening is in full swing, the noises will cease.

What type of propagation should you be listening for?

Aurora: If you live in one of the northern states, can cash in on this one. Whenever WWV reports a K value above 3, turn your beam north for lots of fun. Don't worry if the voices sound like they're under water, this is normal.

Satellites: Start asking around about 10 meter satellite activity. If you can't find anyone with information, just start camping out on 29.408 MHz. Sooner or later you'll hear the RS-12 satellite cw beacon. Then tune 29.410 through 29.450. The band goes crazy every day!

Meteorite Scatter: Again, ask local hams if they ever played around with this mode. If nothing turns up, check the local papers for reports on the various annual meteorite showers and the dates. Listen during the peak of the shower. Signals will appear, peak and then drop off quickly.

Sporadic E: This type of propagation can occur at any time so you really just have to be there at the right time if you are going to catch it. When the activity extends up to the 6 and even the 2 meter bands, tune in to 28.885, stations gather there to report openings. The peak months for sporadic E seem to be mid-summer and mid-winter. Northern states should point their beams south-west or west. The propagation often oscillates back and forth between the two directions. Southern states point north or north-east.

Ground Wave: After dark, and especially on evenings when even the Sporadic E is not running, check out the band for ground wave signals. The best time for contacts is between 8 and 10 p. m. local time. Local groups congregate across the band each evening and many clubs have weekly meetings on some preset frequency. Sunday evening seems to be a popular meeting night. The best frequency I have found to date is 28.400. It seems, if there is any activity out there at all, tuning to 400 will find it. Also, don't forget 29.0

for AM activity and 29.6 for FM simplex. If you have a good location or a decent gain antenna, contacts a hundred miles away can be made regularly. (This would actually be line-of-sight communications, since "TRUE" ground wave on ten meters would only exist to about 15 miles or so.) To encourage ground wave activity, one local ham club in my area sponsors a yearly GROUND WAVE CONTEST. Notification is sent out to the various clubs and hams in neighboring cities and states. Consider this at your next club meeting.

Propagation begins at home:

If all of these modes have been tried and you are still not finding any activity, the problem could be with your antenna. If at all possible put up an antenna with gain. If you haven't already heard this, you will, You can't work 'em if you can't hear 'em!; It doesn't have to be 6 elements on a 36 foot boom either! A 14 foot boom with 3 elements can give you around 7 db gain over a dipole. You will be amazed at how much better you will be hearing stations. What you had always thought was a dead band, will actually be hopping with activity.

Okay, let's say you just don't have the room put up a beam of any sort. Try a 5/8 wave vertical. You still get 3 dB gain over a 1/4 ground plane. Gain is gain, however you get it! Even half wave dipoles and half wave verticals mounted close to the ground (15-25 feet above ground) can be the perfect antennas... if the conditions are right. Sporadic E on 10 meters provides those conditions. These antennas have a high angle of radiation and let me tell you, I've worked hundreds of stations when the Sporadic E comes in and some of the strongest stations are those running these types of antennas.

Now that you know some of the many secrets of the ten meter band, you'd better buy an extra log book or two, because you're going to need it to track all the additional contacts you're going to make soon. See you on 10!

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Interpretation of Ham Flea Market Terminology

by David Hershberger, W9GR

Editors note: A well researched, in depth scholarly investigation of what hams are really saying at ham radio flea markets: - remember, 'a ham flea market is where you turn old things into money and money into old things' (from the late Jim Lomasney, WA6NIL(sk)). Only experienced and licensed hams should try doing the flea market routine on their own...

What follows are the contributions of Dave, W9GR; and Curt, K9CH; to the "FleaSpeak" interpretation of ham flea market vernacular. This thread was started by Jim, W8ZR.

"This rig puts out a BIG signal!" (The rig flat tops and distorts so bad, your signal will be at least 50 kHz wide!)

"The signal quality of this rig was easily recognizable in its day." (The high distortion and bad audio quickly identified this rig.)

"This rig has wide frequency coverage." (It drifts up and down the band, and sometimes drifts out of band)

"The tubes used by this rig are worth the asking price." (The rig uses a rare 7360 beam deflection tube for a balanced modulator, but it's blown so you'll have to spend \$80 to get a new one.)

"This rig will bring back feelings and atmosphere of vintage ham gear." (The bypass capacitors to the AC line put enough voltage on the chassis to give you a shock in the lips through the microphone, and it smokes so bad when you turn it on that you'll probably start coughing and wheezing.)

"This is a really good CW rig." (It doesn't work on SSB.)

"This is a really good SSB rig." (It doesn't work on CW.)

"This is a really good rig." (It doesn't work on CW or SSB.)

"The transmitter is outstanding." (It doesn't receive.)

"The receiver is really hot." (It doesn't transmit.)

"This rig is really hot." (It is stolen.)

"It seems to be a vintage regenerative type." (It oscillates.)

"Frequency stability is great." (The VFO doesn't work - you'll have to use crystals.)

"I just retubed it." (Got 'em from questionable used tube stock.)

"I just aligned it." (All the slugs on the transformers are now snugged down real tight.)

"This is the rig of my dreams. I really wanted one of these as a kid, but now I've got to let it go." (As I've gotten older, I've learned what a hunka junk it is.)

"Real popular rig in its day." (Yeah, there were whole HF nets on the repair and maintenance problems.)

"I'd keep this baby, but my wife is making me clean everything out." (I finally got around to giving this thing the proverbial heave-ho.)

"QST gave this one a really great review." (The language in the article broke literary ground for profanity.)

Some of the original contributions from Jim, W8ZR.

"It might need a bit of tweaking." (Translation: Marconi himself couldn't fix it, much less align it.)

"It was used in government service." (Translation: after the govt. technician tried to solder the loose connections with an acetylene torch, it was stored outdoors on a wooden pallet during hurricane season.)

AMATEUR RADIO NEWSLINE

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FCC TO BACKFILL HOLES IN SEVENTH DISTRICT

Because of a computer programming snafu, the FCC says that it inadvertently skipped over a chunk of seventh district call signs in the sequence KC7RAA to KC7ZZY, and jumped instead to the KD7 call sign block. The Commission intends to leave the current 149 grants as is and to go back and fill in the KC7RAA to KC7ZZY group first. After that it will pick up where it left off.

The FCC took a different tack when about 50 Group D call signs were similarly skipped in the fourth district. Instead of issuing the skipped block out of sequence, the FCC deleted those grants and issued new call signs from the originally intended sequence.

SPECTRUM GRAB UPDATE

A ham radio fax and electronic mail campaign to members of the Little LEO Working Group that has proposed reallocating two popular amateur bands seems to be taking its toll. They have not reversed their stand on grabbing the 2 meter and 70 centimeter ham bands, but that are literally begging hams to back off on e-mail to the committee.

The Internet and FAX technology have taught the FCC a lesson. Propose a commercial satellite service sharing amateur radio's two most popular bands, and you can count on a landslide of response. When word first got out that an Informal Working Group to the World Radio Conference '97 was considering the two bands for possible shared access, the names and addresses of Committee Members were made available for comments. Those comments came first by the dozens, later in the hundreds, and now the thousands and they're still coming.

On June 5th, the FCC announces it's time to make the comment process more

efficient. The Commission sets up a designated office and electronic mail address for all comments.

Commenters are then told to refrain from sending their thoughts directly to the working group's members.

So, is this really streamlining the way comments by concerned amateurs will be heard by the people who will ultimately decide the fate of these two ham bands? The Commission sez comments already sent will be included as part of the public record and that its staff will ensure that comments sent to the new addresses will be considered. But not everyone believes that.

"My opinion, this is a brushoff by the FCC. They individually don't want to be inundated with our comments." KL7Q

Tom Moore, KL7Q, is the ARRL's Section Manager for Alabama. He sez the Commission's latest tactic is its way of dodging public comment by hams and sending those comments to an unattended dead-end mailbox.

"Do you think for one second they're gonna sit around for hours and hours reading thousands of our comments or attend to regular committee business. Instead, it is my belief the FCC will appoint someone to review our comments and to brief the committee with a report of significant data, something like we received 10,976 comments opposed to reallocating the amateur bands." KL7Q

That, Moore sez, will make it easier for the Commission to bypass the opposition. In other words, a fast one being pulled on Capitol Hill. League Vice President David Sumner, K1ZZ, sez

political rather than technical judgement has already influenced the Working Group's list of bands being considered for sharing with the satellite service. Again, Tom Moore.

"Wait a minute. Somebody isn't tellin' the whole story here. The ARRL sez some frequencies are not included probably due to political judgement, yet the FCC sez all frequencies below 1 GHz are being

reviewed. Couple this with the FCC now trying to send our comments off to a nonperson, deadend mailbox. And well you can draw your own conclusions. We have very politely been told to kiss off." KL7Q

That brings the next question. How do hams stand a better chance of making sure their comments really are heard?

"I advise hams to continue sending them to the individual addressees. That is the only way we are going to get their attention to put enough political pressure on them to make the decision to take them off the list." K17Q

Moore sez radio amateurs need to keep the pressure on the FCC. And he suggests contacting your local Congressman and explaining the seriousness of the threat by commercial interests, a threat he calls a flagrant attack on amateur radio.

Since the Working Group's reallocation proposal could change hour by hour during the next few weeks the ARRL is advising hams to stay abreast of the very latest developments. You can do that by checking in to the ARRL's Web Page on the Internet. And, of course, we'll continue to have the latest on this for you here on Newsline.

CORDLESS BLUNDER

Karl Quinton Chandler of Florence, Alabama, probably wishes he had not made one particular phone call using his cordless phone. Back in 1994, a police officer using a scanner overheard Chandler discussing a drug deal. The officer recorded the conversation and Chandler was later arrested and convicted on heroin possession charges. Chandler's lawyers asked the Alabama Court of Criminal Appeals to overturn the conviction. They cited federal laws that prohibit police from intercepting electronic communications. But on May 10th, the Court ruled against Chandler. The Court says the federal law Chandler cited excluded cordless telephone conversations. Karl Chandler now faces 10 years in prison.

HALLER RETIRES

FCC Wireless Telecommunications Bureau Deputy Chief Ralph A. Haller, N4RH, has announced he's retiring. Haller, 48, has spent 25 years with the FCC, including eight years as head of the Private Radio Bureau.

Haller who lives in Arlington, Virginia, has been one of ham radios strongest supporters at the Commission. He was one of the driving forces behind the creation of a so called single point of contact between the repeater coordination community and the FCC. His retirement may have a negative impact on the creation of this government to private sector cooperative relationship so badly wanted by the coordination community.

If we may digress from our news reporting and get personal, we at Newsline join with the rest of the nations ham radio community to thank Ralph Haller for the many hours of his time he has given in trying to make the United States Amateur Radio Service, a bit better place. We also wish him success in whatever position he takes on in the future.

FCC CHANGES PC AUTHORIZATION REQUIREMENTS

In a move aimed at getting personal computers and PC accessories to market faster, the FCC has adopted new rules to relax the equipment authorization requirements for such products. Instead of requiring FCC certification, the new rules allow a self-authorization process where PC manufacturers or suppliers issue a Declaration of Conformity with FCC standards for limiting radio frequency emissions.

The new rules permit manufacturers and suppliers of personal computers and peripherals to put a product on the market after testing it to ensure compliance. This, instead of having to apply for equipment authorization and await FCC approval.

NEW WAY TO SELL HAM GEAR

Don't be surprised to see ham radio equipment showing up in such diverse places as Marine Radio shops, retail appliance stores, mass merchandisers and

even on the Home Shopping Club. This in direct response to Radio Shack having cornered the lions share of the burgeoning no-code entry level market.

With few exceptions, companies, both foreign and domestic, say that they cannot remain in the United States Amateur Radio market place without getting a share of the multi million dollar no code pie. That without it there will be no way to continue providing equipment to the upscale high frequency and experimental VHF and UHF markets.

Until now, no company other than Radio Shack has had an aggressive marketing program to the general public. That is now changing as company after company takes its radios, accessories, antennas and training aids to the American masses using the same targeted marketing techniques used to sell other consumer products.

And for those of you who think it is illegal to sell ham gear to people not licensed to use it, that's not the case. In fact, it is actually a violation of federal trade law not to sell equipment to someone who wants it unless they willingly say that it will be used for illegal purposes. The government says that it is not up to the manufacturer or retailer to police the market. That's the responsibility of the end user and nobody else.

NO MAJOR 73 ADS

Some bad news for 73 Magazine. Readers of the June issue were surprised to find the usual ads from the big four Japanese ham radio manufacturers missing. No advertising from Alinco, Icom, Kenwood or Yaesu.

Icom was the last to go. Alinco, Kenwood and Yaesu have been gone for several issues.

SENATE CONNECTION

There's a ham radio connection in the recent announcement that Kansas Governor Bill Graves has named Lt. Governor Sheila Frahm to succeed Bob Dole in the U.S. Senate. Sheila Frahm is the sister in law of ARRL Midwest Vice Director Bruce Frahm, K0BJ.

Sheila Frahm is a 51 year old Republican, and will serve in the Senate at least until November, when Kansas voters will choose a candidate to fill the last two years of Dole's term.

SISTER ALVERNA INJURED

One of the founders of the Handi Ham System was injured on in an automobile accident on May 31st while on her way to a hamfest.

Sister Alverna O'Laughlin was in a serious car accident. She was on her way to a hamfest in South Sioux City, Nebraska. She broke her leg and their said she will probably be in a cast for five to six months.

Get well wishes go to Sister Alverna O'Laughlin, Assissi Heights, 3rd Floor Health Care, Rochester, Minnesota 55903.

LEBANESE KID PIRATES

From overseas, 5N3AMK reports via packet radio that Lebanese children are bootlegging on 20 meter CW daily. Nagheeb says that they can be found very evening on 14.050, 14.055, 14.060 and 14.070 running traffic between Azerbaijan and the Ivory Coast. Some have also been heard on 14.080 SSB running messages between the Ivory coast and Beirut after 18:00 hours UTC. Two youngsters have been identified. One boy uses the name Tony and the only female is Randa. Both speak in Lebanese and when asked for their ham calls, Tony laughed and said that they cannot be stopped.

NEW M1 QSL SUB MANAGER

And a new RSGB QSL Bureau Sub Manager has been appointed for the recently introduced M1AAA to M1AZZ series of British callsigns. He is Mr. M. Marriott, G0OPC, who is also the Sub Manager for the G1 series of callsigns.

ARIANE 5 FAILS

The rocket that will carry AMSAT's Phase 3D ham satellite into orbit has failed its first real test. Ground controllers blew up the Ariane 5 40 seconds into the flight at an altitude of about 12,000 feet as it veered off course.



Oklahoma City Autopatch Association

OCAPA Minutes June 18, 1996

Meeting was opened at 7:30 PM by president John, N5SAM followed by introductions. There were 34 members and two visitors present.

Treasurer's Report: Bob, WA9FCT read the treasurer's report. Perry, KB5TOT made a motion with a second by Tom, WA9AFM to accept the report as read. Motion carried.

Secretary's Report: Club secretary Jim, N5OHL attempted to read the minutes of the last meeting. Keith, KI5XA made a motion with a second by Mac, K2GKK to approve the minutes as printed in the C&E. Motion carried.

Scholarship Report: Don, KC5BRO reported that all is going well and that he should make a selection by next meeting.

Technical Committee: Loyd, AB5I stated that after Field Day, the committee would be planning a trip to the tower to bring down several antennas.

Field Day: Chuck, K5NK reported that a special meeting will be held on Sunday at 12:00 p.m. to take down all the antennas and equipment at field day. There was a long discussion about how everything will be set-up at field day.

Special Event Station: John, KC5DRI has a picture for the special QSL card picked out and will proceed with getting cards printed.

Vanity Call: Gate 1 is now open. Tom, WA9AFM said that our application is all ready to go just as soon as Gate 1A is opened.

Old Business: Darrell, KC5NCA passed out some more great - looking shirts and

hats. He still has either a hat or shirt for these folks: KC5QCV, KK5LR, K5JVD, KA5ZZX.

Meeting was adjourned at 8:45 PM.

Jim, N5OHL

Newsline (Con't)

The launch June 4th launch began at 12:33 Universal Time June 4, from the European Space Agency's Kourou launch facility in French Guiana. Ariane 501 carried a group of four scientific satellites known as "Cluster" which were, of course, destroyed as well. No amateur radio satellites were aboard.

It's unknown what impact the launch failure will have on the next Ariane launch scheduled for later this year. That flight will carry Phase 3D.

SUNSPOT MINIMUM STILL AHEAD

Solar prognosticator Tad Cook, KT7H, reports four consecutive days of zero sunspots for the period May 16th to the 22nd. The average solar flux was down five points from the previous period. Expect similar conditions through the rest of 1996 as we experience the solar minimum.

DX

In DX, the SK3SIX beacon has gone QRT on 6 meters due to severe damage to its antenna system and failure of the control circuits. SM3EQY and SM3JGG have brought the transmitter down from its mountaintop location overlooking much of Sweden and are working on a new keying system. When service is done and the new antenna is installed the beacon will returned to service.

And the U.S. Island Directory and island list is now available on the World Wide Web thanks to WD8MGQ. There are two versions of the island list to choose from. The "master" version is the most detailed.

NEW PROFESSOR

A name in the news. James C. Garland, W8ZR, has been named president of Miami University, a 20,000 student institution in Oxford, Ohio. Garland, 53,

is now dean of the College of Mathematical and Physical Sciences at Ohio State University in Columbus.

OLDEST BIRD FOUND

The ARRL Letter reports that Justin Dennis, KA0HKV, of Atkins, Iowa, was the grand prize winner of QUEST 43. That was Bird Electronic Corporation's year long competition to locate the oldest working Model 43 Thruline Wattmeter.

Bird says Dennis's Model 43, serial number 71, manufactured in 1952, still delivers accurate RF power measurements 44 years later. Dennis said he bought the unit from a friend for \$15. It earned him a 24 carat gold plated Model 43, a \$1000 gift certificate and a brand new Model 43.

SCANNER CHARGE DROPPED AGAINST KENTUCKY TEEN

A Kentucky judge has dismissed a charge of carrying a scanner that can receive police frequencies filed by police against a teenage ham. These were the charges filed against a 16 year old Greg Godsey, KF4BDY who was arrested on May 11 by local police in Christian County Kentucky, who confiscated his Radio Shack HTX 202 2 meter transceiver. Police claimed that the transceiver was actually a scanner capable of overhearing private communication. No HTX 202 has ever been successfully modified to operate outside of the ham bands. The police finally gave in on this point and Greg's radio has since been returned. But other charges not specifically related to his Amateur Radio activity have been continued until later this month.

Greg, who had been the ARES Emergency Coordinator for Christian County, and who only became a ham last year steadfastly denies the charges. He says that his radio was not modified and cannot receive or transmit outside of the 2 meter band.

His parents, Gary and Fredericka Godsey, say Greg has never been in trouble. They have hired an attorney to represent him. None the less, he did resign as EC after his radio was confiscated.

WISCONSIN PRB-1 BILL DEAD FOR NOW

A busy legislative agenda and political infighting are being blamed for the failure of a bill in the Wisconsin legislature that would have gone further than PRB-1 in limiting local control over Amateur Radio antennas. SB-544 had state Senate approval. Supporters had hoped to get approval of the state Assembly during a brief special session, but it never made it to the floor.

According to Gary Schwartz, K9GS, who tracked the proposed legislation, the bill would have prevented localities from restricting ham radio towers on the basis of height or aesthetics, unless there was a specific health or safety concern. The bill also would have kept localities from enacting laws affecting placement, screening or height of Amateur Radio antennas if the ordinance or resolution is based solely on aesthetic considerations.

SB-544 was modeled after existing provisions of Wisconsin law that restrict localities from regulating certain satellite TV antennas. Supporters have vowed to try again next year.

QUESTION POOL COMMITTEE AGAIN FUNCTIONAL

A seven month old problem that had threatened to disrupt the Amateur Radio volunteer examiner program has been resolved.

According to the American Radio Relay League, back in September 1995, a newly formed corporation called the NCVEC Inc. attempted to exert control over the Question Pool Committee, a charged vehemently denied by the NCVEC. The Question Pool Committee had been formed some years earlier by the organizations that have entered into agreements with the FCC to serve as Volunteer Examiner Coordinators.

The League balked at the establishment of the new group and told the NCVEC that it would not join. ARRL Volunteer Examiner Department Manager Bart Jahnke, KB9NM, was then dismissed from the committee. Efforts by the ARRL to gain his reinstatement were not

successful until early April. That's when the FCC ordered the NCVEC to put the ARRL back on the QPC.

Where there have been some reports of strained relations between the League and the NCVEC, this does not seem to be impacting on the work of the Question Pool Committee. Reports are that its members have been working in to resolve issues concerning decisions taken by the QPC in the seven month period during which it was operating without ARRL participation. Those issues have now been resolved to the satisfaction of all participants.

NEW UK LF BAND

From overseas, the United Kingdom's Radiocommunications Agency has announced the opening of a new very low frequency band for British radio amateurs. The allocation is in the Low Frequency part of the spectrum and runs from 71.6 to 74.4 kilohertz. This new '73 kHz' band is available to any holder of the British Class A Amateur Radio License who wants to investigate LF propagation, including transmission to underground caves.

Power limit is a tiny one watt ERP using any mode from the home station location only. No mobile or maritime mobile operation is permitted, and use of a Temporary Location requires seven days notice to the District office of the Radio Investigation Service.

PACKET SLIM

F5SLQ says from France that packet operators should be aware that AP1BOX is not a Pakistani ham. Rather he is a CB operator in the Netherlands who has gained access to the ham radio packet airwaves. Laurent says that the best way to stop him is for SySops to simply refuse to forward any bulletins or mail with the call sign AP1BOX.

TOO MUCH E-MAIL

And finally the story of two little girls who decided to use the Internet as a school Science Fair project. The two fifth graders are known only as Stevie and Amanda and they attend the Phillipston Massachusetts Memorial School.

To find out just how vast the Internet is, the girls sent two e-mail letters locally to kick off their project. One letter to an uncle and the other to a teacher back on April 15. Within five days they received 50,000 replies, prompting a parent to change their e-mail address and call that portion of the project closed.

Since then the school has received reports from around the world ranging from praise to utter frustration -- as you can imagine -- culminating with a report from Australia describing an "overloading" of one Internet providers system.

So how did Stevie and Amanda do on the Science Fair? Judging took place Tuesday, May 14th but the two girls received only an Honorable Mention. The winning entry was a young student who disassembled a PC, labeled all the parts and explained the function of each. He may know how a computer functions, but its Stevie and Amanda who have made thousands of new friends, worldwide. You figure out who the real winners are.

1631 SE 15th

677-9001

Skyline Restaurant
"country cooking"

Bryan, Cindy, Jennifer and Jessica

**OK
DX**

Just
for the
Fun of It!

OKlahoma DX Association

FROM THE PREZ

Hello again everyone. I hope to see everyone at Ham Holiday. Please join us at the OKDXA Business Meeting where we will elect a new slate of Officers. As stated last month, I do not wish to run for an office in the coming year.

Even though I am not running for an office, I still have deep feelings about the OKDXA and am committed to see it prosper. I believe we need to solicit and elect a slate of officers who have a vision of where the Club should go and who have the time and energy to take it there. During my year as President, I have found one characteristic of the Club that I believe is keeping it from being as successful as it could be. My officers were scattered between Oklahoma City, Tulsa, and Ponca City. This geographic disparity minimized communications and team work. I found it very difficult to engage my officers in the running of the Club; not because of their unwillingness but because of the distances between us.

I have belonged to a national amateur radio club for some 20 years. It is chartered in Kansas but has had headquarters in Kansas City, Minnesota, and now in Texas. The full slate of officers are present at the headquarters location and directors represent the other areas. In this club, the structure has worked very well. They have a national convention once a year in different parts of the Country. As a group in one area burned-out, another area picked up the headquarters function. I think we should consider such an arrangement for the OKDXA. I believe that either Oklahoma City, Tulsa, Ponca City, or Lawton could field an excellent slate of officers. If this were to happen, the officers could easily meet once a month and administer the Club. Geographic Directors could attend

as they are able. These meetings would keep the Club moving in a particular direction, address expenditures, form sub-committees for Club activities, review the packet cluster network, and provide input to the C&E. It's an idea. What do you think?

The poor propagation on the HF bands is causing a decrease in interest in amateur radio now as it has in past sun spot minimums. Attendance at Dayton and HamCom was down. This is normal. This is a time to build out Club for the return of propagation. It will be back before we know it and activity will increase dramatically. The bands are still open at times. People are still working the Pacific on 10 meters. 20 meters can be pretty exciting at times.

I will be at Ham Holiday and I hope you will be too.

Jim, WV5S

THE CONTEST CONTINUUM

by Coy Day, N5OK

I have a reprieve on my tower work for a while until I borrow a cement mixer. I'm planning on building a storage building with another operating position in it. So things have slowed down a bit in the contest station building.

In preparation for the second tower and the long boom 20 meter beam, I've been doing some research. I have found that the towertalk reflector is a great source of information. If you are planning any kind of antenna or tower project, I suggest that you subscribe. Do so by sending an e mail note to:

towertalk-request@akorn.net

In the body of the e-mail put only the word 'subscribe'. The latest thread contains a lot of information on tramming large antennas to the top of the tower using a pulley suspended on a catenary line. Neat reading and I plan on using some of the techniques in raising the long boom beam. One of the things that I've been debating is where to place the 100 ft tower. I originally planned to put it due

East of the 90 ft tower. The reason was to keep it as far as possible from the high lines that run in front of the property. I like to stay away from them because of the possibility of the tower falling in that direction and to stay away from noise sources. I'm rethinking this because of antenna orientation. If the 100 ft tower was southwest of the 90 ft, it would be easier to orient the 80/160 loops, etc. on Europe and Japan. The power lines have not been the cause of any noise so far and they are located South of the tower. The jury is still out on this one. If you have any input on this drop me an e-mail note at: n5ok@ionet.net

In the mean time, I bought a G5RV antenna at Ham Comm in Arlington. I wanted it to check into the OKDXA net on Saturday mornings on 3860 at 11:00 a.m. It was cheap. \$27.00, and was a quick solution to my problem. The only other thing that I had up was a vertical and they aren't much good for local contacts. The G5RV worked fine but danced fiercely because of the wide 450 ohm feed line was broadside into the prevailing South wind. I finally came up with a solution that worked. I took a piece of Dacron and ran it down adjacent to the feed line and tied it to one side of the feed line about every two feet with plastic tie wraps. Now it turns with the wind like a flag from the Dacron which is stretched tight to a point on the roof.

That's it for this month. Now we have to get serious about this second tower. The fall contest season isn't that far away.

DX NEWS

A note from OKDXA member Frank Smith, AH0W

Subject: KH4 DXpedition

Date: Fri, 21 Jun 96 18:38:37 -700

From: "Frank R. Smith"

ah0w@primenet.com

To: n5ogp@pcok.com

A few days ago we announced plans for a team DXpedition to Midway Island slated for the first of August, as AH0W/AH4. This will be a multi-multi type operation, with several stations running, all bands, CW, SSB and RTTY. QSL via KE7LZ.

The team includes members of the Central Arizona DX Association, however I am also a member of OKDXA and look forward to working a lot of OKDXA guys while we're out there. Congrats on a nice www page and 73/dx

Frank R. Smith, AH0W OH2LVG ZA9B 4J1FM PJ8X ZF2FS XE2FIN (PS: any members of OKDXA from Mangum?)

P5 silent for the foreseeable future

Sanyi, HA7VK, who is currently at the Hungarian embassy in Pyongyang [425DXN 261], has got in touch with the North Korean authorities just to learn that "at present time there is absolutely no chance to get an amateur radio license in North Korea". Sanyi has also talked with BZ1HAM and other Chinese amateurs, who had received the same reply. (425 DX News)

Getting cards from the Ukrainian operation at 5A1A

Carl, N4AA, editor of QRZ DX, reports details have been worked out for a stateside QSL manager to handle QSLs for U.S. contacts with the 5A1A operation of July 1995. ONLY (repeat ONLY) contacts with the Ukrainian operation in July 1995 will be handled. The last day of their operation was July 25, 1995. Contacts with the continuing Libyan national's 5A1A operation CANNOT be confirmed by Carl. The stateside QSL Manager for 5A1A (Ukrainian operation) will be N4AA. The only requirement will be an SASE. If you have already QSLed to the original LZ or OM managers, or if you have QSLed directly to Toly in Kiev, you do not need to QSL again. Those will be answered 100%.

Getting cards from Libyan natives

Now that all past 5A operations have been accredited many are trying to get cards by direct mail into/out of of Libya. Here are two emails downloaded from the Internet DX Reflector decrying the futility of this approach and suggesting some alternatives.

From Robert Reed, WB2DIN, (hwdx09a@prodigy.com), "The problem is mail from the USA is not reaching Ali in Lybia. As if that would be a surprise. Those who have gotten replies from him

have sent theirs to Canadian or European friends who have acted a maildrops both ways. Ali just last week again stated no USA mail was arriving. I understand that QSL cards donated by Gene, N7QCN, were sent to Ali Abubaker who is the active 5A1A operator on the Family Hour DX Net on 14226.5 but that the cards are at the station and available to others.

There was talk with OE6EEG when Ali was first starting on the air about having an outside QSL manager and work with mailed or FAX logs. Maybe we will see this happen."

And finally from Tony, EA5BY (agaliana@alc.es) Hi! If the problem lies in the mail from the USA to Lybia, we can help as QSP. Anyone can send the SASE to the LYNX DX GROUP. Please send also an envelope with the address of Ali. Best 73 de Tony, EA5BY.

Address for this matter only:

LYNX DX GROUP
P. O. Box: 430
E-03280 ELCHE
SPAIN

Please, REMEMBER, we only drop mail to Lybia, no more. We take no responsibility for what may happen.

Future significant DX operations

AMERICAN SAMOA, KH8. From 19 to 23 July NH8/N8CC, KH8/K8AQM, KH8/KG8CO, KH8/KG8DS and KH8/KB8ECG will be active on all bands from Ofu, American Samoa. QSL via AA8HZ. - ALSO - Don, KH8/N5OLS will be active for three years from American Samoa. He'll op all modes/bands (usually 14.218 and 14.224 MHz SSB and at 3 UTC on 14.030 MHz CW). QSL via AA5BL or direct to the operator: Don Barclay, Box 8, Pago Pago, AS 96799, USA.

AMSTERDAM IS., FT8Z. Mehdi, F5PFP, is planning an expedition of about one months duration to one of the rarest Amateur radio countries. The trip is planned between Nov 96 and Feb 97. (425DXN)

ANDAMAN IS., VU7. Jim, VK9NS, has received his Indian license (VU2JBS), valid for five years and he is now planning to back to the Andamans in July or August. The import permissions for

the equipment donated to Man (VU2JPS) by the Heard Island DX Association [425DXN 249] should have already been sent to Norfolk.

ARMENIA, EK. Victor, RV6HKB/EK will be active for about one year from Armenia on 20, 15 and 40m CW. 100 watts and a dipole. QSL via home call.

(425DXN)

BANGLADESH, S21. Andy, S21YE, will be active on all bands, SSB only. S21B is also active for CW QSOs. Check 14226 KHz around 0030z. QSL via G0EHX. (TDXB)

BHUTAN, A5. It was reported that the Inside DX reports Barry, ZS1FJ, has applied for permission to be active in January/February 1997.

BOUVET, 3Y. The planned expedition to Bouvet [425DXN 265], organized by the South Sandwich DX Group, will leave Cape Town (South Africa) in December 97. They will use four stations simultaneously, 24 hours a day, with SSB, CW, RTTY and satellite operations. Operators are, at the moment: WA4JQS, AH9B, HB9AHL, W6KNB, W7KNT, XE1L and ZS1FJ.

CYPRUS, 5B. From 18 July to 1 August Michael, DL5MX (ex DL5ARX) will be active as 5B4/DL5MX from 10 to 160 meters. He plans to join the IOTA Contest.

ETHIOPIA, ET. (on RTTY!). Waldemar, DK3VN, has recently talked to Peter, ET3BN, on 20 meters. Peter told him he is active on RTTY now. When the conditions are good look for him around 1800-1900z on 14085 KHz (+/-QRM). Peter prefers cards direct to POB 150194, Addis Ababa, Ethiopia. Also, look for ET3SID on RTTY around the same frequency and time. (OPDXB)

FALKLAND IS., VP8. DA4RG, will sign VP8BPZ until mid-September. He plans to operate SSB only, no nets or lists. QSL via GW8VHI or DA4RG.

(ARLDXB)

FRANZ JOSEF LAND, R1. In August, Sergey RIFJZ will end his operations from FJL and collect the QSLs from DF7RX (who acts as a "mail box").

(425DXN)

GREENLAND, OX. From 10 July to 25 August, Terry, G3WUX will be active (5 Watt QRP) from Greenland as

OX/G3WUX/P in CW (14.002) and SSB (14.200). QSL via home call. (425DXN)
HEARD IS., VK0 - Early 1997.

JAN MAYEN, JX. JX7DFA will be active from Jan Mayen until October. (425DXN)

LEBANON, OD. Until 30 September OD/F5PWJ will be active from Libano in CW and SSB on all bands. QSL via F5PRR.

LIECHTENSTEIN, HB0. From 13 to 20 July F6ELE, F1PNA and F6HKA will be active with two stations, 10-160m. (425DXN)

MACQUARIE IS., VK0 - The latest from the bulletins is that Warren, VK0WH will be active on 40m CW (7009 Khz) on Mon, Tues and Thurs only. HE IS NOW CAPABLE OF SPLIT OPERATION AND WILL LISTEN UP 3+! Recently Warren has not been particularly active due to work problems. Local winter will reduce personnel at the scientific base and Warren hopes to have more spare time and to be active in different hours than the current 0930 to 10.30 UTC. QSL via VK9NS. One card per envelope please.

MADAGASCAR, 5R. Gerard's (F2JD) call is 5R8EN. He will stay in Malagasy until September. He works with a long wire. QSL via F6AJA (direct or bureau are 100%) (Internet DX Reflector; 425DXN)

MALDIVES, 8Q. From 8 to 22 September Andy, G4VPM will be active from Maldives. Operations, QRP only, will probably take place with the 8Q7PM call. (425DXN)

MALI, TZ. Larry, TZ6VV, is now active mainly in CW, on 40, 17 and, mainly, on 30 metres. Find him between 10.109-10.115 MHz, around 22 UTC during weekends. QSL via TZ6VV (BP 2786, Bamako, Mali). (425DXN)

MALTA, 9H. From 22 July to 9 August Felix, DL8OBC/9H3UD and Matthias, DL4OCL/9H3UF will be active from Gozo island (EU-023). Operations are expected mainly in CW on all bands from 10 to 80 metres (WARC bands included). They also plan to participate in the IOTA Contest. It is also possible that Felix and Matthias will be active in digimodes. QSL (also via bureau) via their respective home calls, DL8OBC (Felix J.Reiss, P.O.Box 1253, D-30984 Gehrden, Germany) and DL4OCL (Matthias

Deutscher, P. O. Box 100412, D-30942 Ronnenberg, Germany).

MARION IS., ZS8. Until June-July 1997 Chris, ZS5IR/ZS6RI will be active from Marion Island as ZS8IR. Chris will join the 53th scientific expedition to Marion, as the official doctor and will work from base camp on all the bands, also on 6 and 160 meters, in SSB, CW and RTTY hoping to join major contests. The station will be equipped with an IC-735, a L-2100Z, PK-232 and antennas will mainly be wire due to high winds. QSL via ZS6EZ (ex-ZS6BCR).

MIDWAY, KH4. An international team of operators including members of the Central Arizona DX Association announces plans to conduct a multi-multi style DXpedition to Midway Island the first part of August 1996. The group plans to operate on all bands and will concentrate on CW, SSB and RTTY. As with prior operations to Midway, there will be special emphasis on accommodating EU and AF. Frank Smith, AH0W/OH2LVG, who is heading up this effort, will have more details in the next few weeks. Frank is a member of the OKDXA! QSL route will be KE7LZ.

MINAMI TORISHIMA, JD1. The DX News Sheets report that JG8NQJ will return to here on July 15th for a 3 month stay as JG8NQJ/JD1. QSL via JA8CJY.

NAMIBIA, V5. In July and August Charlie KY0A will be active (including on the WARC bands) from Namibia. This year the call will be V5/ZS6YG. QSL via KY0A. (In February 1997 Charlie, together with WB0HBS, KV0Q and W8UVZ will participate in the ARRL CW Contest probably using the call V52YG). (425DXN)

SCARBOROUGH REEF, BS7. Rumors are flying about a Scarborough Reef in October, after the typhoon season.

SENEGAL, 6W. Starting from July, for two years, Didier, F5OGL will be active from Dakar, Senegal. Didier plans to work on all bands from 10 to 160m on CW, SSB and RTTY. QSL via F6KEQ. (425DXN)

SIERRA LEONE, 9L. Jim, 9L1JC, will be active until at least August. QSL to POB 1031, Freetown.

SOUTH COOK ISLANDS, ZK1. The activity of ZK1AAU, ZK1MJZ and ZK1AGW [425DXN 255] from South

Cook Islands is now planned from 11 to 21 July. QSL via AA8U (also via bureau).
SRI LANKA, 4S7. From 7 June to 2 September Mario, HB9BRM will be active from Sri Lanka as 4S7BRG. Operations on 20 (between 14.270 and 14.320 MHz) and 15 metres (between 21.210 and 21.260 MHz) around 13 UTC, on 40 (between 7.045 and 7.070 MHz) and 80 metres (between 3.790 and 3.800 MHz) around 19-21 UTC. QSL via home call (Mario Primavesi, Balkensteinerstrasse 5, CH-4710 Balsthal, Switzerland).

WESTERN SAMOA, 5W. From 23 to 29 July 5W0JB (N8CC), 5W0TR (K8AQM), 5W0BS (KG8CO), together with KG8DS and KB8ECG will be active on all bands from Apia, Western Samoa (OC-097). They plan to join the IOTA Contest. QSL via AA8HZ.

WILLIS IS., VK9W. Until the end of the year Graeme, VK5WG will be active as VK9WG from Willis islands. QSL via home call. (425DXN)

ZAIRE, 9Q. Alex. PA3DZN was scheduled to return to Zaire in early June. He will be active for one year as 9Q2L. QSL via PA3DMH.

ZAMBIA, 9J. Starting from 1 June Hans, KN6DI should be active for one or three months from Zambia probably using the call 9J2DI. The activity will take place in SSB only. QSL via AA6BB.

MONTHLY FEATURES

Sources for DX info

Jan 96 - *The GOLIST*

Feb 96 - *QRZ DX*

Mar 96 - *The DX Bulletin*

Apr 96 - *The 59(9) DX Report*

May 96 - open

Jun 96 - *The DX Magazine*

Jul 96 - *The 425 DX News*

This month I'll start previewing some of the free bulletins available on Internet email, the World Wide Web, and from landline BBS. One other, the ARRL DX Bulletin, is broadcast on the Amateur bands. Along the way you will also get an introduction to several Internet DX, contesting, and tower "reflectors". What is a reflector? A "reflector" is sort of a node or server that "broadcasts" to its subscribers. When a subscriber sends a

message to the "reflector", that message is then disseminated to the entire subscriber population. You can see that this is a neat way to quickly disseminate a lot of info to a lot of people. Unfortunately it can also be a forum for ego-building, intolerant flaming and inanity ... but that is why we have "delete" buttons! Just wade through the refuse and harvest the real DXing info jewels!

We'll start off this month previewing *The 425 DX News*, a premier service out of Italy.

The *425 DX News* is edited by Mauro Pregliasco, I1JQJ/KB2TJM (i1jqj@fileita.it) with major help from ... Massimo Balsamo, IK1GPG (425dxqsl@pc.fr.flashnet.it). QSL managers/routes: Mirko Caserta, IK0ZSN, who runs the 425 DX News Reflector (ik0zsn@amsat.org), and: Maurizio Bertolino, who handles The 425 WWW Pages. (i121171@amsat.org).

It is published every Saturday as both email on the Internet and as HTML on the WWW. In my opinion *The 425 DX News* is without rival in both quantity and depth of DX information. This bulletin grew so large that the crew started splitting the weekly emphasis. One week will emphasize QSL manager, routes, and addresses plus things like IOTA reports, contest routes, and etc. The next week will be the more typical DX Bulletin with DXpedition reports and DX news. So how to you acquire this tome of DX information? First you must be "on line", that is on the Internet or able to log onto a landline BBS. The best way is to subscribe to *The 425dxnews Reflector*. For a very complete selection of past issues check out their WWW site. Here are all the details

425 WWW Page

Point your browser at:
<http://www-dx.deis.unibo.it/htdx/index.html>

The 425dxnews Reflector

You may subscribe to the 425dxnews reflector from the WWW site at <http://www.fr.flashnet.it/cgi-bin/425dxnews-list> or by sending a

message to: majordomo@pc.fr.flashnet.it writing in the body of the message: "subscribe 425dxnews <address>" where <address> is the e-mail address of the subscriber. Of course, do not use the quotes. You will get a notice of subscription which will explain the reflector policies, how to submit an announcement to the reflector and how to unsubscribe. [NOTE: It is always wise to print out and file reflector subscription documents for several reasons. The best reason is that you will eventually get bumped (one rarely knows why it happens) from the subscription list and you'll need to resubscribe. Or you may find the email volume overwhelming and you might want to unsubscribe. Keep your subscription confirmation documents handy!]

One other neat thing that the 425 crew has started is an experimental QSL route request service. Send your QSL route/mgr/address requests to Massimo, IK1GPG, who is responsible for the QSL Managers/QSL Routes. His e-mail is 425dxqsl@pc.fr.flashnet.it. Answers will be published in the bulletin.

Doing your ALL to get that QSL card by N5OGP

In the April newsletter I wrote about the "stealth envelope" and how to do your ALL to get your cards and payments delivered. June's topics started discussing types of payments and specifically we discussed legalities and security. This month I'll cover type and amount of payment.

Dollar Bills - Up until just a few years ago a US dollar bill (greenstamp)

would easily cover the cost of a minimum weight airmail return from any country in the world. Not so now! To get an airmail return back from Germany now takes over \$2 equivalent or practically speaking, \$3. US\$2 is required for air mail returns out of Japan, New Zealand, and others. So how do you determine how many dollars to send to send? Surprisingly in this age of "information" the US Postal Service does NOT have that information. The USPS Customer Service Representative in the OKC USPS Business Center explained that the US Post Office does not maintain

that information, at least on the customer service level, because of the ever-changing currency exchange rates.

So how many dollar bills do you send? Again, you have to build your own knowledge database on this. You have to get the info from magazines, DX newsletters and from the Internet. And then there are those QSL managers that expect a "tip" over and above that required for the postage ... but we "shant" get into that! Ha

IRCs - In preparation for this article I wrote the USPS and asked several questions about IRC usage. (And by the way, all of this pertains to the new \$1.05 IRC and not to the old \$0.95 IRC. The older IRC is still good but it may take as many as 5 to pay for your return. See the chart in the front of the Radio Amateur Callbooks to determine how many of the OLD IRCs to use.)

On the back of each new \$1.05 IRC is this statement, "This coupon is exchangeable in any country of the Universal Postal Union for one or more postage stamps representing the minimum postage for a priority item or an unregistered letter sent by air to a foreign country." According to this statement and according to the USPS Customer Service rep at the OKC Business Center, just ONE IRC should be sufficient to get you airmail delivery from ANY cooperating country. Unfortunately, there are two problems. How do you determine what countries cooperate in the Universal Postal Union and how do you know the minimum weight rate in Outer Slobovia?!

Guess what? Again the USPS can't help us with either. Obviously a list of UPU participants has to exist somewhere (there are currently 185 participating countries) but it seemingly does not exist at the customer level. So how do you now which countries honor IRCs and which do not? Again, you have to build your own database from DX publications and newsletters.

Then there is the last variable mentioned - minimum postage. It costs us \$0.60 to mail an airmail letter that weighs up to

1/2 ounce. But what about a foreign country ... what weight increment do they use? 10 grams? 25 grams? Can I get a QSL and my SAE mailed back for the minimum postage? Remember your IRC covers ONLY the minimum postage! Boy, this is an exercise in futility isn't it? So how in the world do you decide what to send and how much to send? The safe bet is to send two of the new IRCs. This is guaranteed to get you an airmail return from ANY UPU participant. Of course you'll be "donating" to those who really only need one IRC.

Native stamps - One route that solves all these problems is to send an SASE with native stamps affixed. There are several "foreign stamp" dealers who advertise in the DX pubs. While using native stamps may eliminate all the "how many" and "how much" questions, the drawback is inconvenience. You either have to stock your own supply of foreign stamps (always facing the ever present postal increases making your stock obsolete) or you have to order stamps every time you send out a QSL request. This can, itself, eat up a fair amount of US postage! Are you ready to give up QSLing?! ha! Well, don't forget the bureau!

GL de N5OGP.

OKDXA STUFF

Proposed changes in the OKDXA constitution

The OKDXA Constitution requires that members be notified in writing of any proposed changes at least 30 days in advance of a vote. Members may obtain a copy of the old and new constitutions from WV5S. Changes require a two-thirds vote of the members present at an announced business meeting (Ham Holiday). Here are the proposed changes

ARTICLE IV

Section I. The elected officers of this organization shall consist of a president, a vice-president of administration, a vice-president of activities, and a secretary/treasurer. These officers shall serve for a term of one year until their successors are elected and duly qualified.

Officers may succeed their self if reelected for successive terms.

Section IV. It shall be the duty of the vice-president of administration to preside at meetings in the absence of the president and to succeed him if for any reason the office should become vacant.

Section V. It shall be the duty of the secretary/treasurer to record minutes of all meetings, to carry on the correspondence necessary to transact the business of the organization, and to maintain the financial records of the OKDXA as well as being responsible for the receipts and disbursements of such funds as may be the property of the association.

Section VI. Deleted (Described the treasurer function shown above)

Nominees for 1996-97

In late March, fifteen OKDXA members were polled by both email and letter asking for their recommendation for nominees for the 1996-97 year. I asked them to assume that the new executive committee structure would be approved and I also asked them to make sure their nominees were contacted and permission obtained prior to placing their names into nomination. I am assuming that was done. Here is the list of current nominees, listed in alphabetical order.

President

Hood, Jim WV5S (withdrawn)
Hunt, Ross K5RH

Vice President x 2

Case, Ken K5KC (withdrawn)
Day, Coy N5OK
Gillespie, Robert WB5KJE
Hunt, Ross K5RH
Sweetko, Steve AA4BG

Secretary/Treasurer

Byard, Mark N5OGP

At the time of the nomination process our President, Jim Hood, had relented to the many requests to stand as a nominee for President. Likewise Ken Case had agreed to stand as a nominee for a VP position. Since that time both men have had significant (maybe the word is drastic) additions to their job load and both have been forced to withdraw their names from nomination.

If you would like to serve please pass along your interest to N5OGP. In the meanwhile, please heed our President's admonishments in this newsletter regarding the necessary commitment to the jobs. Come to the Ham Holiday business meeting with suggestions and volunteers!

OKDXA Web page released

We are proud to announce that the OKDXA World Wide Web home page is on-line and officially released to the viewing public. The address is ...

<http://www.pcok.com/~n5ogp/okdxa/>

Please check it out and send your critiques and suggestions to N5OGP. It is, and will always be, under construction in one way or another. We are adding files weekly.

QRZ? OKDXA DXpeditioners

We would like to advertise your upcoming DXpeditions in the OKDXA newsletter and on our OKDXA WWW site. If you publicize your operations by sending email to the bulletins and DX Reflectors PLEASE include n5ogp@pcok.com on your TO: or CC: list. I'll be sure to advertise your upcoming "jaunt" in print. When you return and get your QSL cards printed please ship me one for scanning and inclusion on the OKDXA Web Page.

Attention OKDXA contesters ...

PLEASE turn in your scores (unofficial and official) and any related "war stories" to our Contest Coordinator, Coy Day, N5OK. We want to highlight our membership's contesting exploits in both our monthly newsletter AND on our OKDXA World Wide Web site. No matter how well you ranked or didn't rank, please let us know you operated! Thanks!

OKDXA callsign badges?

I am still working with The Sign Man III of Palmyra, TN, trying to design a professional looking badge for the OKDXA membership. I'll report the details as they become available.

Current Email Directory

Bargmann, Nate KA0RNY

natebarg@cencom.net
 Boyer, Craig AH9B
 ah9b@ionet.net
 Buford, Bob KD5QD
 103130.656@compuserve.com
 Byard, Mark N5OGP
 n5ogp@pcok.com
 Calhoun, Charlie, Jr. KB5ZUD
 kb5zud@tulsa.com
 Case, Ken K5KC
 CaseKE@aol.com
 Day, Coy N5OK
 n5ok@ionet.net
 =46eigel, Don WD5EHU
 wd5ehu@aol.com
 Goodnight, Gerald =DDKK5JH
 night@icon.net
 Guida, John NJ1V
 nj1v@phoenix.net
 Hargrove, Loyd AB5I
 AB5I@prodigy.com
 Hood, Jim WV5S
 wv5s@icon.net
 Hunt, Ross K5RH
 rhunt@vm.tulsa.cc.ok.us
 Ingram, Jay W5QVS
 w5qvs@msn.com
 Land, Dave KD5FX
 daveland@pcok.com
 Martin, Erik AA5WQ
 emartin@moran.mines.edu
 Martin, Jeff K5WE
 k5we@aol.com
 Miller, Hal KB1ZQ
 n1lpn@aol.com
 Romere, David KA5OWI
 dromere@ionet.net
 ka5owi@amsat.org
 Ruggieri, Russell N6EU
 Ruggieru@ix.netcom.com
 Russell, Dick KJ5VV
 kj5vv@aol.com
 Sikes, Clif AB5UA
 csikes@brightok.net
 Smith, Frank AH0W
 ah0w@primenet.com
 Sweetko, Steve AA4BG
 sweetko@busprod.com
 Thomason, John
 wb5syt@ionet.net
 Thompson, Vince K5VT
 vince@getnet.com
 Vandagriff, Tim WA5YOM
 wa5yom@wb5cqu.ampr.org
 Warren, Troy KE5K
 ke5k@aol.com

If you are a member of the OKDXA and you have an electronic mail address (and you wouldn't mind having it published in this NL) please email it to your Editor, N5OGP. Thanks!

Kudos column

Congratulations to OKDXA member Clif Sikes, AB5UA, who has now joined the ranks of the DXCC. Clif had his cards checked at Ham Com. He stands at 100 Mixed. He is starting work now on his CW contacts! Good for you Clif and congratulations!

Clif has earned congrats in a totally different arena as well. Clif is a "muzzle loader"; he shoots primitive firearms. His specialty is original or reproductions of the Civil War era muskets. At a regional meet on June 23 Clif placed in several individual matches and took second place in the musket aggregation which consists of 2 target at 50 yards and 2 targets at 100 yards. He competed against shooters from OK, TX, AR, and MO.

MISCELLANY

More Ham radio web sites
 For those folks trying to find that elusive e-mail/phone/address of a fellow contester (or anyone else), try the following sites:

Bigfoot
<http://bigfoot.com>

WhoWhere <http://www.whowhere.com>

LookUp
<http://www.lookup.com>

Four11
<http://www.four11.com>

Okra
<http://www.okra.com>

Switchboard
<http://www.switchboard.com>

CU at Ham Holiday!
 73 de N5OGP sk

Letter to the Editor:

Harold Miller, KB1ZQ
 Del City, OK

Dear Harold,

Would like to request your assistance in promoting the Okla. Training Net.

The purpose of the net is to train amateurs how to handle traffic, act as a liaison station and be a net control station. The instructors are former students. The net and the training course also helps to build code speed for those wanting to upgrade.

OTN meets daily at 6:30 p. m. on 3693 kHz. The Q signals used are QNI = check in. When a station hears QNI they send a letter of their call, a dit or a dah or some other letter. Net control will come back with that same letter, the student then sends their full call. If they have n traffic they send QRU. If they have traffic they send QTC, name of state traffic going to and how many. When net control releases them from the net, he will call them by the last three letters of their call. When they answer he will tell them QNX = you are excused then 73.

Would appreciate it if you would talk about the net at your club meetings and in your newsletter if you have one.

My thanks for any help you can give.

73

Pat Garvin, WB5NKD
 OTN Manager

Well, Pat here is the letter you sent and I hope it generates some more trainees for you. And those of you wanting to see what real radio operations are about from the good old days of radio check into this type of net. Your code speed will definitely improve.

73

The Editor

people or hurting more of them?

I have been an American Legion member for fifty one years. I have talked to a lot of Korean and Vietnam veterans after they returned from war. Most of them are bitter, feel mistreated, and just want to be left alone. It makes me so sad to see hometown men come home with such attitude. I can't feel hard toward them. I have thought so much how I can make things right with them, to let them know we care. I have come to the conclusion that the Veterans Administration should have a psychoanalysis check the vets out.

Anyway, the American Legion and Disabled American Veterans had memorial services at the IOOF Cemetery at nine O'clock Memorial Day morning. A church member got up in church speaking to the congregation about the service, inviting everyone out to the services. I will let Pastor Don Poole tell you about the change it made in him. I wish him more help. This is the letter to the newspaper:

To the Editor:

Perhaps one of the most difficult things I have done was to attend this most recent Memorial Day ceremony. I say this because of some very deep and painful things from within myself. I served in Vietnam in a combat environment and saw much that would tend to remain hidden in the heart.

This Memorial Day was a first for me. As a veteran I refrained from much participation of such events because of its reminder of my own experience. But as I stood there, listening and thinking, I had a personal plan. I had brought a black beret with me, an item of my Vietnam era uniform that I have not worn for nearly 30 years. When the color guard raised and then lowered the flag to half mast; when the shots of the 21-gun salute sounded and the mellow sad and sweet "Taps" was played, I donned that beret for the first time. Images came back, faces of friends, sadnesses and joys, sounds, smells and ponderings. I know that Vietnam changed me. And even today I still harbor some ill will over that effort on the part of my country and my participation in it, but time has a way of softening such

things and bringing out the better side of yesterday.

This Memorial Day was most telling in what was said there and what was not seen. Rep. Pope lamented in his brief statement that far too many find such a holiday just another opportunity to go about the business of getting in some golf, or a few days fishing, camping and the like. He expressed his sadness that such was the case.

As a pastor in our community, I too am saddened at the occasion that so few were in worship that Sunday. Worship is but one freedom that was purchased by the blood of many from our nation's history. It was sad to see such a tiny contingency at the cemetery, and sadder still was what was not seen. I saw only a few parents with children by their side.

We lament that young people do not honor and gibe regard to such things... To be reminded that parents or grandparents and fellow citizens have bled and died so they could reap the benefits of the still present freedoms in the country. One wonders if the next generation will even bother with the whole issue of homage to the past with an eye to their future.

I reminded my son that I will wear that beret but once a year, for that few minutes of shots, "Taps" and flag set low; the reminder of the pain and tragedy of any war or conflict and the cost for our present way of life. The reminder that recognition of others on this day is most needed for the sake of those who are to live tomorrow. Perhaps next year will be different. I pray it will be. I pray that God will not forsake us, but will, in His wisdom, continue to allow us to be free.

Rev don Poole, Pastor,
Mt. Calvary Lutheran Church, Watonga

Boys State Report

In the summer of 1992 the American Legion post 125 sent two junior Watonga high school boys to Boys State. They came home and at our Veterans Day dinner they made good talks to us. Nathan Viers wrote a letter to the editor in the Watonga Republican. The letter follows:

Dear Editor:

The American Legion gave me the opportunity to represent Watonga at Boys State. Steven May was the other delegate. It was a week of learning and memories.

We listened to an array of speakers and went to classes regularly, but the most touching moment came on the last night. On Friday night was a memorial service, and the real meaning of Boys State hit me like a load of bricks. I realized that Boys State was not just about Government, it was about people: You and me.

The week had taught us how to get along and to respect other people's opinions, regardless of how different from our own. It made me think about those who were less fortunate and those who gave their lives to protect our country. I left the auditorium numb and speechless.

It was a lesson I will never forget. I hope that next year's boys state is as successful as this year's. I wish that Watonga American Legion could afford everybody this opportunity because an experience like that needs to be shared by as many people as possible.

Nathan Viers, Watonga OK

It's Time for a Smile — Vocabulary Quiz

The teacher asked a student to make up a sentence using the words "defeat", "defense", and "detail". The boy scratched his head for a minute, then said, "De feet of de horse went over de fence before de tail."

End of the Bovines

A farmer went out to his barn one morning to find that vandals had cut the tails off all his cattle. He knew he must act immediately or lose everything, so he decided to sell them all wholesale since he could never "retail" them. Ralph, WA5PFK

Happy Independence Day!



A. R. R. L. Bulletins

From ARRL Headquarters
Newington CT

To all radio amateurs

ARRL Bulletin 43 June 26, 1996

Some data for Puerto Rico was inadvertently left off ARLB042 FCC Call Sign Update. The missing data follows:

	Group B Advanced	Group C Tech/Gen
Puerto Rico	KP3AA	NP3BP

ARRL Bulletin 41 June 21, 1996

Vanity Call Gate 1A

The FCC has announced it will open vanity call sign program Gate 1A on July 22, 1996. Under this gate, applicants may request for a club station a call sign once held by a deceased former member. You may request the call sign even though it has been less than two years following death of the club member. Upon the death of the holder, the call sign is assignable immediately to an otherwise eligible club station. (However, the license grant first must be deleted from the FCC database; see below.)

If you are the license trustee for your club station, you may request in memoriam for your club station the call sign previously shown on the primary, secondary, repeater, auxiliary link, control, or space station license of a deceased person who was a member of the club. Here are the specific guidelines to request a call sign in memoriam for your club station under Gate 1A:

1. The club must have held a club station license grant on March 25, 1995.

2. You must have in your station records a written statement (do not send to FCC unless requested) from a spouse, child, grandchild, stepchild, parent, grandparent, stepparent, brother, sister, stepbrother, stepsister, aunt, uncle, niece, nephew, or in-law of the deceased confirming the deceased person's association with the club and showing consent of the relative to your request.

3. You must be an Amateur Extra Class operator to request a Group A call sign, at least an Advanced Class operator to request a Group B call sign and at least a Technician Class operator to request a Group C or D call sign.

4. Your mailing address does not have to be in the region designated in the sequential system for the call sign requested. A call sign requested in memoriam may be in any region.

5. You must enter the relationship to the deceased of the person giving consent exactly as listed in the instructions, ie. child, niece or in-law.

6. The license grant of the former holder now deceased must have been deleted from the licensee database. To do this, a relative of the deceased should submit a signed request to have the license grant cancelled. This request should include copy of an obituary or the death certificate. Submit requests for cancellation to the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245 prior to filing the application for a vanity call sign.

A 30 dollar(s) fee is required with your FCC Form 610-V application. Payment of fees may be made by check (payable to "FCC"), bank draft, money order or credit card. Do not send cash. If paying by credit card, also complete and submit FCC Form 159 with your FCC Form 610-V. Send your application package to:

Federal Communications Commission,
Amateur Vanity Call Sign Request, PO
Box 358924, Pittsburgh, PA 15251-5924.
The FCC has not announced when it plans to open the additional vanity call sign gates. Gate 1 opened May 31 for

applicants seeking former personal or club station call signs and call signs once held by deceased close relatives. Gate 1 will remain open indefinitely. A reminder: The FCC will return any Gate 1A applications it receives before July 22, 1996 for timely resubmittal. Applications that do not qualify under Gate 1 or Gate 1A eligibility standards, will be dismissed. A future public notice will announce Gate 2, which will have expanded eligibility standards affecting Amateur Extra class licensees.

Meanwhile, the flurry of vanity call sign application activity under Gate 1 seems to be tapering off. The FCC reports 269 applications for the period of June 11-17, 1996. Between May 31 and June 10, the Commission got nearly 1700 applications. The FCC's Gettysburg office also got a flood of another sort during the week of June 16 when heavy rains shut down the town and reportedly flooded the basement of the FCC's building (among others).

For more information, call the FCC's Consumer Assistance Branch at 800-322-1117.

ARRL Bulletin 40 June 21, 1996

Field Day Bulletin

Crew members aboard the current STS-78 shuttle mission are planning to operate during this year's Field Day. Valid two-way contacts with the shuttle will count as satellite QSOs for QSO point and bonus point credit. Contacts with the packet robot do not count.

As part of the SAREX activities taking place during this mission, set to launch June 20, NASA Payload Commander Susan Helms, KC7NHZ, Mission Specialist Charles Brady, N4BQW, and Payload specialist Robert Thirsk, VA3CSA, hope to find free time to hand out points from the shuttle to Field Day ops. The crew will use the following separate receive and transmit frequencies:

FM voice downlink: 145.55 MHz.

FM voice uplink: 144.91, 144.93, 144.95, 144.97 and 144.99 MHz.

ARRL Bulletin 39

June 11, 1996

First vanity call signs issued.

The FCC has issued the first call signs under the new vanity call sign program. Gate 1, which permits licensees to get back former individual or club call signs or the former call sign of a deceased close relative, opened May 31, 1996.

Among the first out of the gate were Mark Mandelkern, K5AM (ex-KN5S); Ronald Allen, W3OR (ex-AA3NF); John Webster, W6RM (ex-WA6L); Frank Eldredge, W7GGR (ex-N7BRG); Charles Coldwell Jr., WB5CTQ (ex-KC5EBG); John Santucci Jr., WB9JVM (ex-WD4FMN); Signe Twardowski, W3IJJ (ex-KC7QFI); Wendell Davis, W1HSO (ex-N1GJW); and Ernest Evans, W8RWS (ex-N8ELO). The FCC also issued several new club station call signs.

The FCC reports it received more than 350 first-day applications, but 85 applications were filed too early and were returned to applicants for timely resubmittal. Gate 1 remains open for applications indefinitely. The FCC has not yet announced opening dates for the other filing gates.

ARRL Bulletin 38

June 11, 1996

FCC closes monitoring stations, field offices

As part of a previously announced restructuring of its Compliance and Information Bureau, the FCC has closed 12 HF spectrum monitoring stations and six district offices, effective May 29.

The monitoring stations shut down were in Belfast, Maine; Powder Springs, Georgia; Vero Beach, Florida; San Juan, Puerto Rico; Allegan, Michigan; Kingsville, Texas; Grand Island, Nebraska; Anchorage, Alaska; Douglas, Arizona; Livermore, California; Honolulu, Hawaii; and Ferndale, Washington.

District offices closed were in Buffalo, New York; Norfolk, Virginia; Miami, Florida; Houston, Texas; Portland,

Oregon; and St Paul (Maplewood), Minnesota.

The FCC says "a downsized professional staff" will remain in Buffalo, Norfolk, Miami, Houston, Portland, St Paul, Anchorage, Honolulu, and San Juan.

The FCC is replacing its HF monitoring stations with "advanced, automated equipment" that will remotely control monitoring sites from an operations center in Maryland. The FCC also plans to install a nationwide toll-free call center, and service is scheduled to begin on a regional basis this month, until the nationwide toll-free service is available, the FCC says people may call one of the remaining district offices for assistance. Here's a list of service facilities for localities where FCC offices have been closed:

Allegan, Michigan: Detroit district office, 810-471-5924.

Anchorage, Alaska: Ferndale, Washington; Portland, Oregon: Seattle district Office, 206-821-9037.

Belfast, Maine: Boston district office, 617-770-4023.

Douglas, Arizona: San Diego district office, 619-467-0549.

Grand Island, Nebraska; Norfolk, Virginia: Kansas City district office, 816-353-3773.

Honolulu, Hawaii; Livermore, California: San Francisco district office, 510-732-9046.

Houston, Texas; Kingsville, Texas: Dallas district office, 214-235-3369.

Miami, Florida; San Juan, Puerto Rico; Vero Beach, Florida: Tampa district office, 813-348-1508.

Powder Springs, Georgia: Atlanta district office, 770-279-4621.

St Paul, Minnesota: Chicago district office, 847-298-5401.

Individuals needing FCC forms or other documents should call the FCC's forms distribution center at 800-418-3676.

ARRL Bulletin 37

June 6, 1996

Hams Respond to Band Threat with Flood of Comments, FCC Sets Up Central Comment Address

Hams have responded in force to defend the 2-meter and 70-cm bands against a threat from the Mobile Satellite Service (MSS). Over the past week, hams have directed more than 1000 comments by letter, E-mail, telephone, and FAX to representatives on Informal Working Group 2A (IWG-2A), which is preparing draft US proposals for the 1997 World Radiocommunication Conference. The IWG-2A's list of "candidate bands" for Low-Earth Orbit mobile satellites ("Little LEOs") included the 144 and 420 MHz bands, among others suggested for consideration. Little LEOs are intended mainly to offer commercial paging and other low-data-rate messaging services.

The list of candidate bands was submitted by Little LEO industry representatives at a May 7 IWG-2A meeting. ARRL Technical Relations Manager Paul Rinaldo, W4RI, was present and objected strongly to the inclusion of these two bands. He was told that objections should be submitted in written comments, and the ARRL did so on May 15. Despite the objections, the two ham bands remained on the table, prompting ARRL Executive Vice President David Sumner, K1ZZ, to issue a call to action in his July 1996 QST editorial. The editorial--circulated far and wide by E-mail and packet radio--generated so many responses that the FCC has had to modify its procedures to cope with the deluge.

Instead of directing comments to the list of individuals distributed in an earlier bulletin and included in the pre-press version of K1ZZ's editorial, send comments by E-mail to wrc97fcc.gov. Send written comments--an original plus one copy--to Office of the Secretary, Federal Communications Commission, Washington, DC 20554. Each comment should include at the top, "Reference No.

ISP-96-005" and "Advisory Committee Informal Working Group 2A." The FCC staff says comments will be given prompt consideration. All written and electronic comments from amateur radio operators received at the Commission have been included as part of the public record on WRC-97.

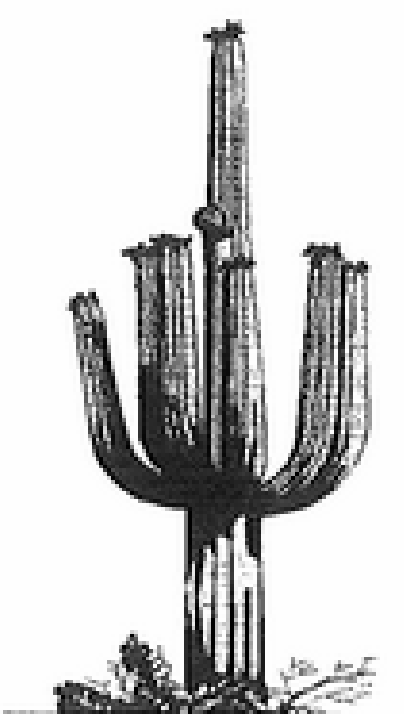
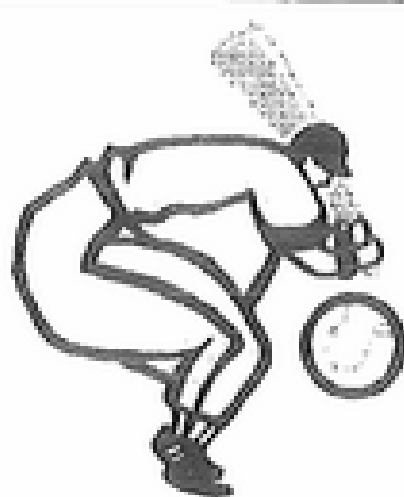
Again, for the most expeditious and efficient consideration of your comments, the FCC asks amateurs to NOT send comments directly to the chair of the WRC-97 Advisory Committee, to the chairs and vice-chairs of the Informal Working Groups, to individual FCC staff members or to private-sector participants in the advisory committee process. Spread the word about this new commenting procedure.

The ARRL web site has complete information on the band threat situation at <http://www.arrl.org/> and will update the information to reflect further developments.

Attention All ARRL Accredited VEs

If you are interested in helping give ARRL VE tests at Ham Holiday '96 in Oklahoma City, July 27, 1996, please contact John Copeland, NW0K at 405-329-1681. All level of tests will be administered. If you are not ARRL accredited and wish to be, contact John to find out the procedures to become ARRL accredited.

Hope to See You At The Hamfest!!



ARRL Bulletin 42

June 25, 1996

The following is a list of the FCC's most recently issued callsigns as of June 1, 1996.

District	Group A Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	AB0CB	KI0DE	++	KB0WQF
1	AA1QA	KE1FB	N1XLL	KB1BYG
2	AB2BH	KG2HK	++	KB2ZEP
3	AA3OI	KE3WR	N3XPK	KB3BPF
4	AE4VG	KT4RR	++	KF4KCB
5	AC5IG	KM5AP	++	KC5UUR
6	AC6VK	KQ6GU	++	KF6EHR
7	AB7RC	KJ7YN	++	KC7RIH
8	AA8XH	KG8XL	++	KC8EBP
9	AA9SL	KG9GP	++	KB9NUV
N. Mariana	++	++	++	++
Guam	++	++	++	++
Hawaii	++	AH6OP	++	WH6DBY
Amer. Samoa	++	++	++	++
Alaska	++	AL7QL	++	WL7CTL
Virgin Is.	WP2X	KP2CJ	NP2JI	WP2AIE
Puerto Rico	++	++	++	WP4NMF

++ All callsigns in this group have been issued in this area.



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Up - Coming Hamfest / Swapmeets

July 26 & 27, 1996 - Ham Holiday 1996 sponsored by Central Oklahoma Radio Amateurs, Inc. Door prizes, dealers, flea markets and plenty of parking. Planning still underway for this event. For more information contact:

Hal, KB1ZQ or Linda, N1LPN - 672-7735
CORA P. O. Box 95942 Oklahoma City,
OK 73143-5942
n1pln@aol.com

September 27 & 28, 1996 - Kansas ARRL State Convention. ARRL VE Testing session, Forums, Flea Market, Prizes and More. For more information contact:
Sonjia Cowart-Clover, N0TYV 1006 E 5th Newton, KS 67114-3018
Phone - 316-284-0262

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 in Math Science building at Rose State College in Midwest City.

VE exams on 4th Tuesday of each month are held at 1800 in the Shawnee Public Library, 101 N. Philadelphia.

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 Saturday of each month are held at 1830 at the Altus Vo-Tech in Altus, OK. Contact Rick Alderete, AA5UU 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.

Hams from around the central Oklahoma area meet Fridays at 7:00 for supper, coffee, friendship and overall story telling at the Skyline Restaurant on 15th and Eastern in Oklahoma City.

ATTENTION WWII VETERANS:
Members of the 304th Signal Operations Battalion Pacific Theater will be holding a reunion 20-22 September 1996.
For more information contact:
Bill Schumann, KA5TUF
3517 NW 64th Street
Oklahoma City, OK 73116
PH: (405) 842-5469

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

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

Night Owl - Daily @ 10:30 p.m. on 146.07/67 with alternate 146.325/925.

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 3856.5kHz.

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

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

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

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

VE Testing at Ham Holiday '96

Testing will be available for all classes of ham licenses during Ham Holiday '96 on Saturday morning starting at 10:00 o'clock a.m. until noon on July 27th, 1996. You must check-in not later than 11:30 a.m.

Advance registration is not required, but is encouraged. Send a note to:

Jim -- NW0K/5

P. O. Box 156

Norman OK 73070-0156

or call his voicemail anytime (405) 329-4666 Ext. 250. Give your full name as it should appear on the FCC application form, current mailing address, a daytime phone number, and the license you want to test for. Mail not later than July 22nd.

The test fee of \$6.05 covers all tests (except same day re-testing for which an additional fee will be charged). You'll also need photo identification, the original of any existing ham licenses plus a photocopy the VE Team will retain, and the original of any credit certificates you hold.

Study up and come by and upgrade!

Jim, NW0K

Phone: (405) 329-1681

Heard on 2 Meters, Honest!!

- "Will my Fm antenna receive SSB signals?"
- "My radio requires three amps. Will a twelve amp power supply damage it?"
- "My little AM/FM broadcast radio has a built-in antenna. When will we be able to buy amateur transceivers with them?"
- "My personal here-" (speaking of his name not underwear)
- "Negative contact, nothing heard, 5LID for ID, clear and standing by."
- "QSL" (received) and from NO CODE Licensees also.
- "QST, QST." "Calling ALL Amateurs" from a Net Control Operator on a repeater net.

JUNE / JULY

by Edith, KA5YPX

O F J I E J B X S O O T J D I Z I R R H Q C P E S J
 I F V X A E Z V S W L D S T N E T N I G N I K R O W
 L P J A H Y V I R I D X O N C N L Y W N B G U S Z W
 X O O I N G C F E Y A S A K E U B E A M W E P J V B
 S P I H S W O L L E F D O O G P B X R P T N R L X N
 F G R V I X R F A W C J K K V A G G E A F E G F H Q
 P U E S H P F R E O T A O L Z L D R M F D R B S F C
 P G I U X B G Q D R N Y V A E L C A E N E A B V M Z
 V I N D E G M R W L X H T H T N O N R Z H T N L E J
 R T S C C E O U E D H W P O Z I A D G G H O W G G K
 P H C V Y D I A N W O Z R M D G V P E M U R V B A S
 U J H Y A D D L E I F M E A K H T R N L P S F E X I
 S P O D M G I G H D O I R S Q T N I C Y E J U F S B
 X T L G N B X T X E O A E T U D X Z Y J Z N S V S U
 F E A W E B M V E C M L G A J N N E P K X O Z D V X
 D C R H X P T T X O M M I T O S S D O J S N C H K G
 R H S D L S U R H M J N S E W H L R W Y V T P Y F A
 J N H C S A G A E M Q B T F B Y T A E N J E H P R X
 Z I I H U Q L R V U Z L E A S T W W R D Y C G F B N
 T C P M A K S R C N C H R I H S O I G K S H M C H O
 T A A L O M P L E I D D N R Z S R N M M T N T A J V
 F L W L S F H F X C R H O G J O E G M B C I Z T Q I
 L P A P U Z C O V A X K W R T J V S G R A C U S Q C
 R R R H Q X F R L T X I H O X U I V V Q T A D Q Y E
 T O D T R K P U A I F Z Q U F H I G N X N L V R O T
 G G S T O H E M U O D B J N O D V T G R O P P O U E
 L R O C A H M F I N V A T D V Q U S V C C R E L C C
 D A V G P Z X I J S O R Y S C G S D Y G F O H W T H
 D M D Z S S E Z I R P R O O D K X J V Q O G U F A S
 G S R T B H I K J S D X K Q K W T X Y R S R H T J T
 O E C I V R E S R E H T A E W L A N O I T A N I W A
 N S E T T I N G U P A N T E N N A S V R O M L E B T
 P H E Z N Q Z A C D E S L X O Q S H D Y L S L U T I
 Z E I F J V C Z E H I U N G Q J K S O Z D N Z K W O
 G N I D L I U B G N I V I L N R E D O M N B U T Z N
 Q M U X C S Q C P F A E W J D K T E K R A M A E L F
 M P Q R S J C C K M K R H D U Q G W U F S C F I P P
 A J P J N O H X G Q I C Z Q U M T W V L T Y I I M S
 X K R E O R R W H D R H I M K U A Z L M O R A T M E
 L N W Q M F K E N J O J L M P Z J S K L L R Z C Y D

ARRL FORUM
 CENTRAL OKLAHOMA RADIO
 AMATEURS (CORA spelled out)
 DOOR PRIZES
 EMERGENCY POWER
 FIELD DAY
 FLEA MARKET
 FOX HUNT
 GENERATORS
 GOOD FELLOWSHIP
 GRAND PRIZE DRAWINGS
 HAM HOLIDAY OKLAHOMA CITY
 LOTS AND LOTS OF CONTACTS
 MODERN LIVING BUILDING
 NATIONAL WEATHERSERVICE
 NEW DEALERS
 NON TECHNICAL PROGRAMS
 NOVICE TECH STATION
 OKLAHOMA STATE FAIRGROUNDS
 PRE REGISTER NOW
 SCHOLARSHIP AWARDS
 SETTING UP ANTENNAS
 TECHNICAL PROGRAMS
 UP ALL NIGHT
 WORKING IN TENTS
 WORLD WIDE COMMUNICATIONS

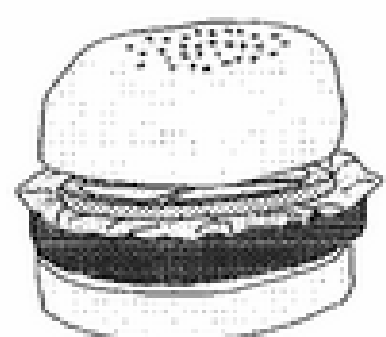
Sorry for not putting the puzzle in last month's issue. but I ran out of room and time.

Have fun with this one it is a hard one.

Answer will be in next months issue. I hope!!

73.

The Editor



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& SCHOLARSHIP FUND
HOURLY & OTHER
AWARDS TOO!!

EXHIBITS, PROGRAMS AND FORUMS!!

NEW AND USED DEALERS!!
GIGANTIC FLEAMARKET!!
VE EXAMS SATURDAY
OKDX, ORSI, & OPRA
MEETINGS
ARES/RACES
MARS & AMSAT
PACKET & COMPUTER
RF & FOX HUNT
OKLAHOMA QPR
NATIONAL WEATHER
SERVICE
ARRL FORUM
OTHER TECHNICAL &
NON TECHNICAL
PROGRAMS

PRE-REGISTER NOW
TICKETS JUST \$7...
\$9 AT THE DOOR
TABLES JUST \$10..
\$15 AT THE DOOR
IF AVAILABLE
DON'T FORGET THE
FRIDAY NIGHT EYEBALL
QSO PARTY
COME FOR THE PARTY
& GET AN EARLY PEEK
AT THE FLEA MARKET

ATTENTION DEALERS

WRITE TO: CORA HH96
P.O. BOX 95942
OKLA CITY, OK 73143 OR
CALL 405-672-7735 FOR
BOOTH INFORMATION

NEW!! FRIDAY NITE FLEA
MARKET OPEN FOR SETUP
AND TRADING!! AND OF
COURSE SATURDAY AS
USUAL. (NO SUNDAY FLEA MARKET)

PLENTY OF FREE PARKING
TALK-IN 146.82- /147.21+

NAME _____ CALL _____

ADDRESS _____

CITY, STATE _____ ZIP _____

ADDITIONAL REGISTRATIONS _____

(NAME & CALL SIGN) _____

Reserve _____ PRE-REGISTRATION TICKET(S) @\$7.00 ea \$ _____

Reserve _____ FLEA MARKET TABLES @\$10.00 ea \$ _____

Reserve _____ SCHOLARSHIP FUND AWARD TICKETS @\$2.00 ea
or 3 for \$5.00 \$ _____

TOTAL \$ =====

Must be postmarked by Monday July 22, 1996.

Tickets will be mailed to you if received by Monday July 15.

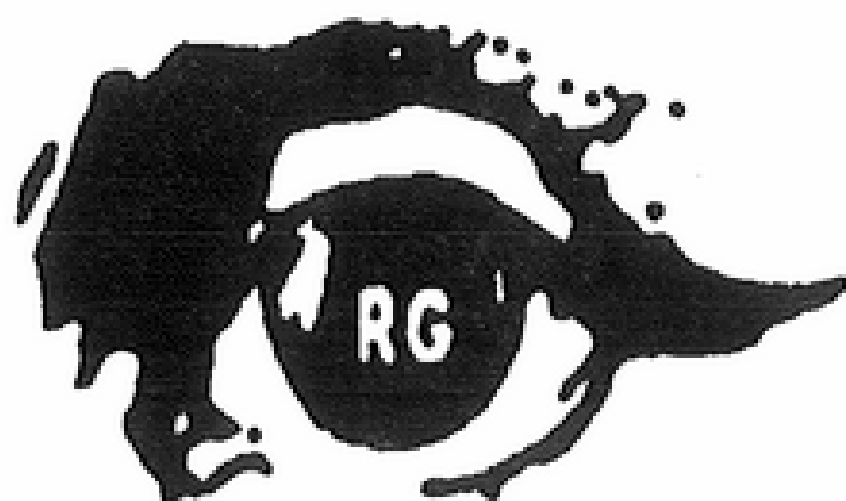
Send Pre-registration Form with check or money order to:

CORA HH96 9230 N. PENN PLACE SUITE 209 OKC, OK 73120

HAM HOLIDAY
OKLAHOMA CITY

June 30 to August 3, 1996 Schedule of Events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	1	2	3	4 	5	6 10:00 a.m. Ada ARC
7	8	9	10	11 7:00 p.m. Aeronautical Center 7:30 p.m. CARA Altus Area ARC	12	13 9:30 a.m. SCARS 10:00 a.m. SCARS VE Exams
14 2:30 p.m. Wheatstrow	15 6:00 p.m. CORA VE Exams 7:00 p.m. Choctaw ARC	16 7:30 p.m. OCAPA	17	18	19	20 9:00 a.m. VE Exams (RSC) 11:00 a.m. VHF Club 1:00 p.m. TAARC
21 2:00 p.m. EARS	22	23 7:00 p.m. Shawnee VE Exams 7:30 p. m. CORA	24	25	26 Ham Holiday Starts 5:00 p.m.	27 10:00 a. m. OKDXA
28	29	30	31	1	2 C&E Deadline 	3



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- Soft Contact Lenses • Gas Permeable Contact Lenses
- Bifocal Contact Lenses

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*Special Attention To
Children's Vision*

