

Collector & Emitter

Central Oklahoma Radio
Amateurs, Inc. Publication

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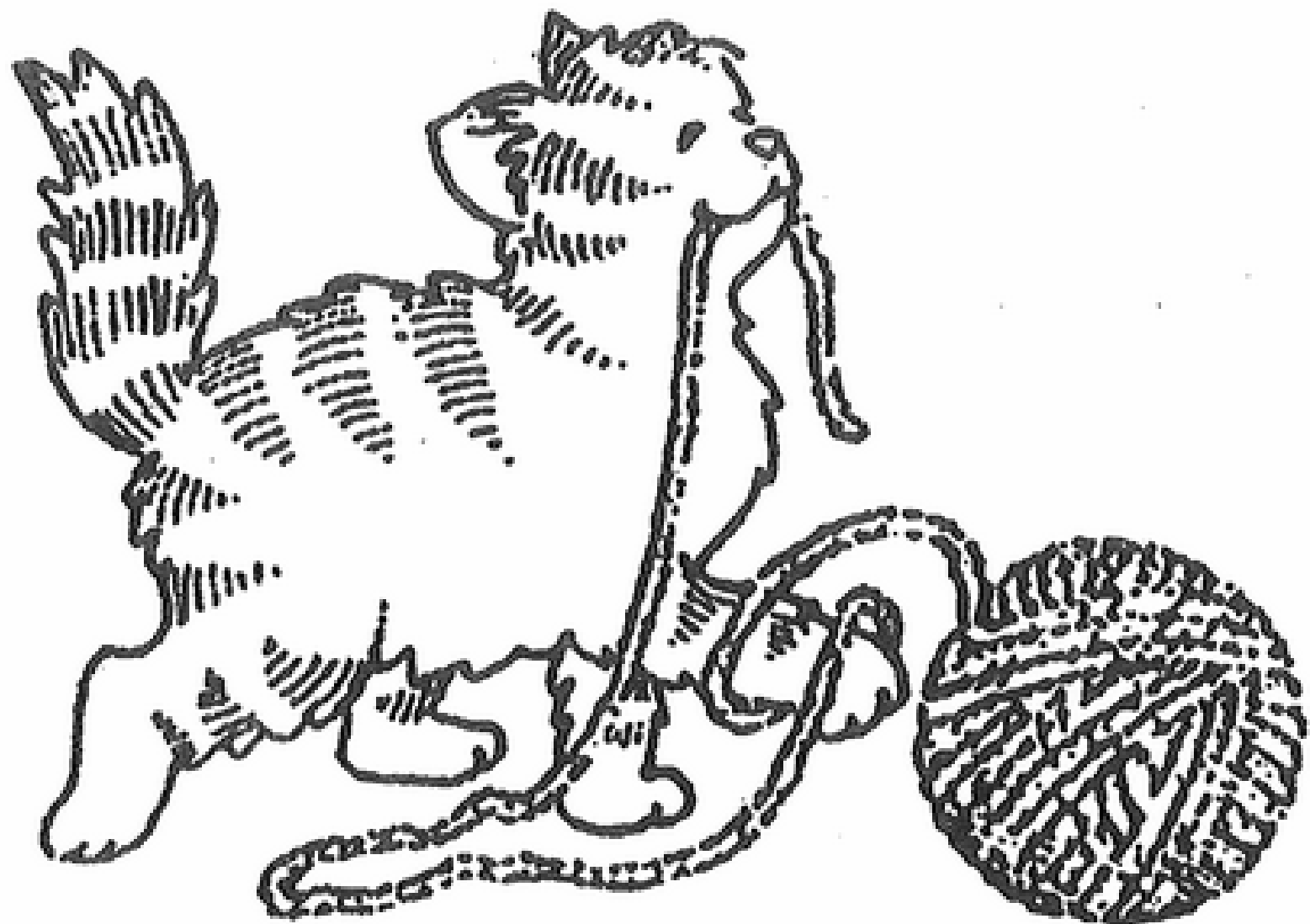
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Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio****Amateurs, Inc.****President: Harold Miller, KB1ZQ****V Pres.: Tom Webb, WA9AFM****Secretary: Forrest Rush, N5VWF****Treasurer: Perry Jenkins, N5PJ****Web Page -****www.geocities.com/heartland/7332**

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:

2000/12	1	2	4	6	MZ
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RADIOVILLE, OK 74321-9876					

The "2000/12" means the year/month C&E subscription expires.

Dear Secretary / Treasurer:

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

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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:	10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Larry Shina, W0PAN 405-721-8138 VP: Lu Fisher, K5YP 580-254-5641 VP: Sec./Tr.: Jerry Chouninard, K5YAA 918-341-2659 Editor: Nelson Derks, AC5UP 918-451-1594
2. Oklahoma Central VHF ARC Meets: 1130L, 2nd Wednesday, Home Town Buffet, 3900 NW 63 rd , Oklahoma City Pres.: Bill Noland, WA5FWD 354-5018 VP: Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI 842-3055 Editor:	11. Edmond Amateur Radio Society Meets: 1400L, 3rd Sunday, Edmond Community Building 28 E Main, Edmond OK Pres.: Curtis Foote, KC5GEP 359-6514 VP: David Wolf, KC5KJE 340-7486 Sec: Robert Coxey, KM5GZ 478-5715 Treas.: Gary Carson, KD5CPL 751-0006 Editor: Curtis Foote, KC5GEP 359-6514 http://edmondsun.com/ears
4. Oklahoma City Autopatch Assn. Meets: 1930L, 3rd Tuesday, Salvation Army Bldg NW 50 th and Penn, OKC (Back Door) Pres.: Glynn Massey, N5WNL 631-2731 VP: Ron McCubbin, KC5QCV 341-0591 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Mark Watkins, KD5CXP 340-8596 E-mail: garpa@juno.com	
6. Altus Area Amateur Radio Assn. Meets: 1900L 2nd Thursday, Southwest Area Vo-Tech Center, 711 W Tamarack Altus, OK Pres.: Dale Town, N5VX 580-477-4027 VP: Mike Schenkel, W5VXU 580-846-5578 Sec: Ron Roman, KD5CYW 580-482-8446 Treas.: Fred Cramer, KC5SRJ Editor: Ron Roman, KD5CYW 580-482-8446	15. South Canadian ARS Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Tom Miller, KD5ENL 321-7889 VP: Ed Berkowitz, N3US 364-8884 Sec: Bill Baker, N5UMH 366-8641 Tr: Jeff Wyke, KT5OK 329-6762 http://www.telepath.com/n5dkr
7. Enid Amateur Radio Club Meets: 1900L 4th Thursday, American Red Cross 400 N Grand, Enid, OK Pres.: John Turner, KA7GLA 580-242-6802 VP: Al Fox, KD5BA 580-242-4800 Sec: Dave Chael, KC5GUD 580-242-3445 Treas.: Dwayne Posey, KC5QVS 580-237-3218 Editor: Dick Stricker, NJ5S 580-233-9869	17. Ada Amateur Radio Club Meets: 0900L, 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Steve Wilson, KD5DKZ 580-332-1473 VP: Charles Eiter, KC5TGA 580-436-4425 Sec: Darla Coffey, KC5RGU 580-436-1271 Tr: Marie Wilson, KD5EXM 580-332-1473
8. Choctaw Amateur Radio Club Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Dave Downing, WD5G 736-6377 VP: Don McDown, N5ENQ 732-6749 Sec: Tim Harper, KC5DSW 391-3096 Treas.: Ron Ernest, WB9DAF 769-3207 Editor:	19. Tri-State Amateur Radio Group Meets: 1930L, 2nd Thursday, Woodward, OK Pres.: James Hand, NW5OK 580-994-6118 VP: Larry Goodwin Sr. K5LHG 580-886-3283 Sec/Tr: Gerald Bowman, W5AOK 580-994-5600 E-mail: w5ok4@arrl.net
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2 nd Sunday, Location Varies Pres.: Neal Kappus, N5KCO 405-262-1151 VP: Ray Barnes, AB5Z 580-274-3334 Sec/Tr.: Joe Garland, WA5FLT 405-893-2660 Editor: Ralph Wilder, Wa5PFK 405-623-5421	Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (BackDoor) Pres.: Harold Miller, KB1ZQ 672-7735 VP: Tom Webb, WA9AFM 737-6716 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, N5PJ 354-5075 Editor: Harold Miller, KB1ZQ 672-7735 E-mail: n1lpn@swbell.net

Deadline for August, 2000 Issue of *Collector and Emitter* is Friday, July 28, 2000. Send all Articles to *Collector and Emitter*, 4216 Spiva Drive Del City, OK 73115-4424 on 3 ½ inch floppy or e-mail to n1lpn@swbell.net. Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.

Central Oklahoma Radio Amateurs, Inc.

CORA President Hal Miller, KB1ZQ, called the June 27th meeting of the Central Oklahoma Radio Amateurs to order at 7:50 PM. Seven directors were present:

Hal Miller, KB1ZQ, President, CORA
Thomas Webb, WA9AFM, VP CORA
Ron McCubbin, KC5QCV, EARS
Earnest Wolf, K5YKD, EARS
Bill Lockett, KD5BOB, SCARS
Tom Miller, KD5ENL, SCARS
Jerry Sproul, WA5JS, VHF

The routine agenda was suspended and the sole focus of the meeting was final arrangements for Ham Holiday 2000. Several dealers has confirmed their intent to be at HH 2000:

WB0W
Radio Shack
Amateur Accessories
Clear Signal Products
Picture Factory
Caps Unlimited

Confirmation is expected from several other dealers.

VE testing for HH 2000 will open at Noon with registration; testing will begin at 1:00 PM until completed.

The tentative program schedule is:

9:30 AM OKDX Association Meeting
10:00 AM Constructing An Arrow Antenna For 2m/70cm
11:00 AM ARRL Froum w/ Charles Calhoun, K5TT, Oklahoma Section Manager
12:00 AM ARES Forum
1:00 PM National Weather Service Program
2:00 PM MARS Forum

QCWA and ORSI will hold off-site meetings in conjunction with HH 2000.

layout for Fleamarket & vendor tables, security, special activity areas, registration and Fleamarket/vendor entry and exit procedures. Due to size and table layout, 25 fewer tables will be ordered this year. However, 'pipe & drape' units will be rented to created the forum/meeting area in the lobby.

The meeting was adjointed at 8:50 PM.

Thomas M. Webb
Vice President, CORA
Acting Secretary

Enforcement: California Police Jammer My Be At It Again

A Bell California businessman already facing a five-year jail term for sending expletive-laced diatribes over police frequencies in Los Angeles County allegedly has done the same thing in neighboring Orange County.

Sixty-four year old Jack Gerritsen was sentenced on June 8th in a Downey, California court to the jail term, but he will still face thirty-four additional misdemeanor counts in Orange County. This for allegedly interfering with law enforcement communications in that jurisdiction.

According to Tori Richards of the Orange County district attorney's office Gerritsen is accused of using a device to break into the transmission of various police agencies, including Orange County Sheriff, Garden Grove police and San Clemente. He is then charged with playing a pre-recorded conversation that included what prosecutors call cussing.

While prosecutors filed only thirty-four counts, they believe Gerritsen made hundreds of transmissions to annoy the various agencies. And even that estimate may be small. In an earlier interview with the Los Angeles Times, Gerritsen acknowledged that he made such broadcasts thousands of times last year. But he said his intention was to protest police abuses, not to interfere with officers' work. As far as we can determine, Gerritsen is not a licensed radio amateur.

(Published news reports)

A special display of research vehicles from the National Weather Service will be placed in the center of the fleamarket to allow their quick exit in the event they are needed for weather spotting.

Current door prizes: A Kantronics 2m APRS beacon transmitter & various ARRL books.

The group gathered around a floor plan of the Made In Oklahoma Building to formulate the

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Instead, a wide variety of less expensive PVC jackets are used in what is known as the "60 degree category" They have less UV resistance, a lower temperature tolerance, and a shorter life span than a true Class 11A of the type used on Mil Spec cable. Few, if any of these coaxes have the specified 97% bare copper braid.

What, then are we getting for our money?

It is the buyer's job to learn, to evaluate, and to choose the supplier that he trusts, the source who puts his name on the product, the source that's been there for over 23 years, the source who supplies what you need, not a cheap substitute, the source that is with you every step of the way.

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Chit Chat

By Linda NILPN

This month I would like to introduce you to a very small sample of some of the messages sent each week on the YL/XYL Net. These messages are sent by Packet as well as e-mail to hams around the globe. Although it is a YL net we have men that are a part of our group who bless us with their wisdom and support. This group is special, as you will soon discover for yourself as you read these. Enjoy and welcome to the world of ham radio through the YL Net.

Subject: Reporting from the Ozarks

From: Herb Petereit, W0AFY

Hello Everyone, I think its high time I wrote a bit to the group.

We're a bit calmed down after the torrent of rain we had here in the Ozarks of Mizzourah (Missouri, for out-of-staters!) Friday night and into Sunday morning. Today is Monday, June 19, 2000 and the rain has let up for the time being.

Many areas in our vicinity received as much as 8 inches of rain in the interim period. Many homes were flooded and some highways were impassible because of high water. Luckily, there were no casualties. I was busier than that proverbial Long-Tailed TomCat in a room full of rocking chairs! being the Emergency Coordinator (Amateur Radio) for Barry County. We were working directly with the Red Cross Shelters, providing the necessary communications when the telephone service failed in many areas.

Past experiences tell us that more people lose their lives each year because of floods than due to lightning or other side effects of severe weather.

All this happened a week and a half after the other severe weather we experienced when tornadic winds wreaked havoc in our areas. At that time, there wasn't a square foot of lawn here that didn't have evidence of high winds, resulting in tree limbs and leaves, almost completely covering the ground. We lost a rather large tree that broke over about three feet above ground level! It fell in the exact opposite direction of our 23 foot Sailboat - which would simply have been crushed, had that tree

fallen over it instead of into the trees next to it!

Surely, the Lord was looking out for us that night! Except for a bit of trim work around our windows, the bedroom addition is nearly completed now after a year of labor. Now, we can again roll up the sleeves and attack the project of creating a new bathroom from what was once a bedroom - that surely will keep us out of mischief for another year.

That's about all from this neck of the woods! So many things to do; so little time!

Cheers, Hugs, and Well Wishes to all of you - and yours,

Herb and Bonnie Petereit

Cheers! Herb W0AFY, In the Ozarks of Mizzourah! (Missouri, for out-of-staters!)

Subject: Saving 4 lives

From: Roseann, N4ZNO

Hi to all on the packet net

Remember me? This is Roseann N4ZNO in Alabama. Just thought I would get in here and say hi to all of you and also want to tell you about what my kids did yesterday, the 18th of June 2000.

Amanda is 14 and Walter 16, they are normal teenagers. Yesterday, after supper they went outside into the backyard after the rains to look around. While it was raining, it was rather breezy you see and they found a bird's nest with 4 baby birds in it. I think they were redbirds, but was not sure though.

Well, Amanda came in the house with the broken nest cupped in her hands. She had a piece of cloth between her hands and the nest so her scent would not be on the nest. She and Walter were worried about the birdies. I thought, oh no, what do we do. Amanda looked at me like, "mom, help"!

So, I looked around and found an old basket with a handle on it. She gently placed the baby birds in the basket very carefully since the nest was broken in two pieces. I give Walter some wire. Scott, my husband, and I both told them to put it up in the tree as high as they could get it in hopes the mama bird came back.

Well, Walter shimmied up the oak tree out in the yard from where the nest fell and snaked his way out on the branch and

secured the basket to a limb. Walter managed to get back down okay without injury.

Later, the kids went out with Binoculars and watched the "new" nest. Lo and behold, the mama bird and daddy bird came back and started feeding the baby birds. Even this morning, as I stood looking out the kitchen window sipping on a cup of coffee about 5:45 a.m., I noticed the mama bird on the ground pecking around and then fly back to the baby birds in their new nest. How about that?

After seeing both parent birds I know now they are not Redbirds. They are possibly Mockingbirds. They have a sort of light brown belly with darker speckles with brownish backs. You know, it really doesn't mater what kind of birds they are, they are all God's creatures.

Although my two kids are teenagers, they still manage to surprise me when I least expect it. Amanda and Walter knew the odds were against them from the start on saving the baby birds, yet they tried anyway. They saved 4 tiny lives yesterday by not giving up.

Well my friends take care and let me hear from you.

33 Roseann, N4ZNO

To all YLs and your OMs

From: Norma, VK6PNS

I do hope this finds every one in reasonable health. We could be better but with keeping busy your worries fade. First, I have had PC problems and so no news bulletins. Thank goodness the major overhaul has been completed and now my PC is as good as new. I will have a lot of mail to catch up with.

Our winter is with us and so far some very cold wet and miserable days. Also the gardens look YUK everything bedraggled but then most plants usually recuperate so there is hope. Last night, we had 155mms of rain, my goodness what a din! We have a tin roof. It was so noisy that we woke up at 3am and that was it for the night, no way could we get to sleep again. I bet I sleep well tonight, HI-HI! To make us all feel better today was lovely cold but sunny. I know the farmers need the rain so I do hope it reaches their farms.

Our Spinning group had their annual spin in last week and it was a great turn out,

approx. 130 attended. Most people had their wheels with them, some had knitting or whatever, some very clever work was on display and we also had a hat parade, some very natty hats on show.

Do any of you belong to any craft groups? I have never noticed any information on this subject. If so, Please tell us or share your thoughts on crafting. I often read the bits about your pets and gardens etc. It makes good reading and I do enjoy the Bulletins. Also I did a workshop on spindle spinning the first known method of spinning a workable thread. There was a lot of fun and a lot of laughs over this, some gave up but some stuck at it and eventually mastered the way and produced a fine thread, all this makes for an interesting day.

We have reached the time of the year when George and I go to Exmouth for our holiday in the sun and away from the cold. We will be leaving this next Sat morning nice and early. As it is 1350 klms, we will have two days on the road and arrive on the 3rd day. We do not have to hurry so our first night will be at Geraldton and the 2nd night at Canarvon, the following morning we will be at Exmouth. By traveling that way we can see how many nasties have invaded our van and annex while it has been closed up. George is keen to get into the fishing, I guess it's back to the fish meals. Have you ever counted how many ways one can cook fish? HI-HI

That is about it for this time, it seems so long since I have had a chance to do any pkt work as the PC was down for ages. Not to worry, it will wait until I get back home. Robin, I have written and take care. Katy my last three pkt messages came back to me; I will have to work that one out later. To all YLs, keep the Bulletins on the move, I for one love to read them all. Thank you all. For all who are not well or had a bad day smile and think 'positive tomorrow WILL be better ...BYE...73s 88s take care DE VK6PNS NORMA..

Subject: A nice one from NIVCX

Date: Sun, 25 Jun 2000 06:37:07 -0500

May your Saturday mornings be special. The older I get, the more I enjoy Saturday mornings. Perhaps it's the quiet solitude that comes with being the first to rise, or maybe it's the unbounded joy of not having to be at work. Either way, the first

few hours of a Saturday morning are most enjoyable.

A few weeks ago, I was shuffling toward the basement shack with a steaming cup of coffee in one hand and the morning paper in the other. What began as a typical Saturday morning, turned into one of those lessons that life seems to hand you from time to time. Let me tell you about it.

I turned the dial up into the phone portion of the band on my ham radio in order to listen to a Saturday morning swap net. Along the way, I came across an older sounding chap, with a tremendous signal and a golden voice. You know the kind, he sounded like he should be in the broadcasting business. He was telling whom ever he was talking with something about "a thousand marbles".

I was intrigued and stopped to listen to what he had to say. "Well, Tom, it sure sounds like you're busy with your job. I'm sure they pay you well but it's a shame you have to be away from home and your family so much. Hard to believe a young fellow should have to work sixty or seventy hours a week to make ends meet. Too bad you missed your daughter's dance recital."

He continued, "let me tell you something Tom, something that has helped me keep a good perspective on my own priorities." And that's when he began to explain his theory of a "thousand marbles." "You see, I sat down one day and did a little arithmetic. The average person lives about seventy-five years. I know, some live more and some live less, but on average, folks live about seventy-five years." "Now then, I multiplied 75 times 52 and I came up with 3900 which is the number of Saturdays that the average person has in their entire lifetime. Now stick with me Tom, I'm getting to the important part."

"It took me until I was fifty-five years old to think about all this in any detail", he went on, "and by that time I had lived through over twenty-eight hundred Saturdays. I got to thinking that if I lived to be seventy-five, I only had about a thousand of them left to enjoy."

"So I went to a toy store and bought every single marble they had. I ended up having to visit three toy stores to round-up 1000 marbles. I took them home and put them inside of a large, clear plastic container

right here in the shack next to my gear. Every Saturday since then, I have taken one marble out and thrown it away."

"I found that by watching the marbles diminish, I focused more on the really important things in life. There is nothing like watching your time here on this earth run out to help get your priorities straight." "Now let me tell you one last thing before I sign-off with you and take my lovely wife out for breakfast. This morning, I took the very last marble out of the container. I figure if I make it until next Saturday then I have been given a little extra time. And the one thing we can all use is a little more time." "It was nice to meet you Tom, I hope you spend more time with your family, and I hope to meet you again here on the band. 73 Old Man, this is K9NZQ, clear and going QRT, good morning!"

You could have heard a pin drop on the band when this fellow signed off. I guess he gave us all a lot to think about. I had planned to work on the antenna that morning, and then I was going to meet up with a few hams to work on the next club newsletter. Instead, I went upstairs and woke my wife up with a kiss. "C'mon honey, I'm taking you and the kids to breakfast." "What brought this on?" she asked with a smile. "Oh, nothing special, it's just been a long time since we spent a Saturday together with the kids. Hey, can we stop at a toy store while we're out? I need to buy some marbles."

HAVE A GREAT WEEKEND AND MAY ALL SATURDAYS BE SPECIAL!!!!

I know of many YLs out there who have earned their ham ticket and did not know we have a special net just for us. If we, as YLs, do not use the privileges granted to us under our ham license we can find them taken away from us. What is that old saying? Oh yes, "Use it or lose it!" If anyone, YLs and OMs, wish to learn more about this net and would like to join please contact me by e-mail at n1lpm@swbell.net or check in on the Tuesday night YL/XYL NET held at 8:00 PM on 147.09 plus input.

We will have a special spot for the YLs at Ham Holiday 2000, a place to meet, make new friends, share ideas and maybe have some fun as well. Looking forward to seeing you at HH 2000! Until next month...

Enid Amateur Radio Club

Well I hope field day was a blast for all. Here are the minutes of the June 22nd meeting.

The meeting was called to order by John, KA7GLA at 1900 local time. Dean, KL7MA made the motion to accept the treasurers' report from last month, second by Dean motion carried. Dean, KL7MA made the motion to accept the minutes from the last meeting, Second by Clint, KB5OEQ motion carried.

Training report from Dean KL7MA is that the classes are doing fine and are progressing.

Old Business Field day is upon us, K5TTT Okla. Section manager will be on HF to pick up traffic. Sam and John will meet at Dwayne's about 0845 Saturday morning to load stuff. Ralph will bring 2 ea Computers for the logging. John will bring a tarp for just incase! There will be 2 operating HF setups.

New Business 147.150mhz repeater got the lighting in it and got the pre-amp on the rec. It was approved to purchase 1 ea UHF transistor and 2 ea. VHF transistors to repair and have a spare. Total cost with shipping is \$20.00 to \$25.00. Motion to adjourn by Clint, KB5OEQ, Second by Dean, KL7MA motion carried. See ya Those that were present: John KA7GLA, Bill KC5OKG, Dale WD5GUG, Fred WA5OU, Dwayne KC5QVS, Dean KL7MA, Sam KD5EUS, Dan KM5DH, Clint KB5OEQ.

License upgrade, WOW YEA...So you got the upgrade what are you going to do with it, hang it on the wall and forget, use it for war stories! Get off your duff and make some good use of it. There are so many things to be had in amateur radio and now with the upgrade there are new places to go. Check out some new modes a new one is PSK31/32, build a new antenna mess with QRP handle some traffic make some new traffic. I know the computer has claimed a lot of the fun but the computer can be used with the amateur radio and it makes amateur radio that much more fun. Public service is the back-bone for amateur radio if it fails then

amateur radio will not be here so don't forget the real reason why amateur radio is here in the first place. Support your local ARES and the Red Cross and thank the people that try to make it work. These groups take a lot of hard work and dedication, they don't just happen. Field day is a good example, its over now but who made it work, were you one of them if you were then thank you very much and you should be proud that you made it work. Hamfest in November it is great fun Whoope, who made it fun it did not just happen one day, let some one know that you want to help with sign in, VE testing, kitchen, tables, club table etc.

The bottom line is it takes more than the same few to keep things going. We know that family comes first. But try not to put amateur radio last, some day you might depend on it for more than just fun.

July 8th: IARU DX contest and club fun day. Where, 670 Oakdale Dr. Time: 3:00pm Chow: 6:30pm We hope to have a fun day and should be informative. You can swim, throw a shoe, and tell stories pick your nose or what ever. If you want bring a desert or what ever, but you won't starve if you don't. Please let some club officer know if you are going to be here so we will know how much road kill to plan for, they get ripe if you keep them to long.

Different Antenna: Something new to try out for the contest. It is a Hygain Hytower. It looks like a tower without antennas on it. It covers 10 thru 80 meters self-supporting. We mounted it so the other tower will act as a reflector and it is aimed in the general direction of Africa/Europe. All of the fine-tuning and calculations were done by the Antenna chief, Ray, W5REC, man he sure knows that stuff. We feed the antenna with RG393 and the Hytower is spaced 50' from the other tower.

Red Cross: There are new tables for the operating room, more computer stuff a different tower setup, things are going great. I sure hope that the effort that is put into this project is for not, what a waste. John

KA7GLA has put a lot of time and money into this and there are others that have done a fine job. They are not doing this

for the fun of it, it is for the members to use and enjoy, help if you can.

DX Stuff: AUSTRALIA, VK Celebrating the Olympic and Paralympic Games 2000 in Sydney, all Australian stations may use the prefix AX until November 2, 2000.

DXCC is pleased to announce the addition of a 15-meter single band DXCC award. Beginning June 1, 2000, DXCC printouts have been set to reflect credits on 15 meters. The start date for the new 15-meter DXCC award will be July 1, 2000. 15 Meter DXCC certificates will be dated but not numbered. Deleted entities do not count towards this award. Those who have an active 5 Band DXCC, which was processed prior to DXCC computerization and do not have 100 entities in the computer (on 15-meters) will be allowed to submit enough credits on that band to bring the computerized record to the first 100 needed for this award with no per QSO fee. Simply include postage and the award fee. The award fee is \$10. Please note your 5 Band DXCC award number and original issue date on the application form in the block specified.

SK: Gilbert Pope N5YUF was long time resident of Enid and was living in Sand Springs, OK at the time of his death. One brother and sister survive him.

Nets: Don't forget the local nets that are on. Join in and enjoy the people and fun of operating. The Enid VHF club Net is on Monday night at 8:00pm on 147.15mhz/444.400mhz the Oklahoma traffic and weather net on Monday Thru Saturday at 5:00pm on 3900khz. The Oklahoma DX Association net at 6:30pm Mondays on 3860khz. There is something for all to enjoy.

Comment: You never miss something until it is gone! Then it is to late, USE AMATEUR RADIO TO ITS LIMITS and then go help some one to do the same. 73's NJ5S

About seven years ago my water heater developed a small leak and dampened some of the cardboard boxes sitting on the garage floor. Being a cautious sort, I thought it prudent to delay any garage cleaning until I was absolutely certain they had dried out. I didn't want to make any hasty decisions. You understand.

Inside one of the formerly soggy boxes I found some magazines I'd forgotten about, including the September 1972 issue of *Electronics Illustrated* and *The Radio Amateur's License Manual* published by the ARRL. There's no date on the cover of the ARRL License Manual, but an advert from Allied Electronics featuring the 1964 Catalogue (444 pages, world's largest) appears inside the back cover. An advert from Clegg includes a drawing of what looks like a '63 Chrysler Imperial with a short mast and three-ring Halo on the rear bumper. They tell us: "For Six and Two Meter Mobile, Clegg is unbeatable..."

Yeah, and you just figured out where this article is going...

BUILD IT SPECIAL!

SIX GREAT PROJECTS:

That's the cover story for *Electronics Illustrated* in 1972, with three One-Tube-Wonder projects and the rest featuring IC's. Plus, six more projects in the *Basic Transistor Circuits* feature story. 1972 was a very interesting time for the industry as hobbyists were still thinking 'hollow state' as the majority of consumer goods were tubed, but there's a news blurb from the Electronics division of North American Rockwell about plans to sell miniature calculators featuring LCD displays and LSI circuitry. The abbreviations we all take for granted today were not used. "Liquid Crystal Display" was clearly spelled out as that may

have been an introduction to the device for many readers. Meanwhile, all frequency

specs are given in Megacycles, including a review of the Heath IO-103 oscilloscope kit. The factory spec on the vertical amp is DC to 10 Mc for 3cm deflection, ± 3 dB. Think about that ± 3 dB. A true 10 volt Pk-Pk sine wave could display anywhere between 5 and 20 volts on the graticule and be within spec. The review was quite positive, despite the mention of a power transformer with an open winding in the HV secondary, the bad zener diode, and an open timing cap included at no extra charge. The kit price was \$229.95 FOB which brings us to the next point...

HEARD ON THE RADIO: *Come on all of you big strong men, Uncle Sam needs your help again... He's got himself in a...*

I can recall 1972 quite well. I was a senior in college, my Teamster card nestled next to my Draft Card, not old enough to vote or drink, but old enough to have skipped through my one-year draft eligibility in the first Selective Service lottery. I drew #296. No unplanned trips to Asia would interrupt my class schedule. I was punching a cash register at a supermarket part-time and the single-roll packs of Scott toilet paper sold for 11 cents each. Up from 8 cents when I started in '68. The small cans of Hunt's tomato sauce were about 9 cents each, Campbell's tomato soup was like 11 or 12 cents, a half gallon of the store-brand ice cream was 59 cents, and a gallon of Arco leaded regular across the street was 32 and nine. I remember these prices as everyone bought them, and considering all this, I'm going to say 'four' is a fair multiplier for converting 1972 prices to Y2K dollars.

PRICES FOB, BENTON HARBOR:

Which leads us to Breath-Taking Fact #1: In the Heathkit advert, they show their first-ever *DIGITAL* AJ-1510 FM Stereo tuner kit with 55 IC's and precision phase-locked-loop tuning via the 10-key pad or punch cards. No knobs. \$539.95 (kit only) plus \$24.95 for the matching oiled-walnut cabinet. Remember, this is an FM only tuner with no amplifier and no AM, which was still a popular band in most places. Let's multiply the prices by four.

Yup. Better than Two Grand for a digital FM tuner kit in Y2K dollars. The walnut trim boards added another hundred bucks. Want the matching Four-Channel Quad amplifier kit? \$349.95 plus \$24.95 for the cabinet. Fifty watts per channel, state of the art, and about \$1,400 in current dollars. For a kit. You could upgrade both pieces

with an average receiver today for about \$300. Imagine buying speakers, turntable, cartridge, SQ or Discrete quad decoder (Who knew?) and maybe a tape deck back then. Open reel, cassette or 8-Track? No wonder Hippies were always broke. It was the stereo that did it. At least the music was good. The Beatles were still together. Elvis was playing Vegas. Brassieres were optional among younger women, but, then again, 'Dick' Nixon was President... Just trying to keep you in balance... OK?

Have you bought a TV set lately? Typical retail is around \$300 for a name-brand 27" model. The 25" Heath GR-900 Color TV kit was \$599.95. Cabinet sold separately. Add \$79.95 for the remote control.

Moving on, the Wayne Green, W2NSD/1 column described the FCC battle between Hams and the EIA regarding "80 New Class-E CB Channels" in the 220 Mc Ham band. (you wouldn't believe the picture of Unca' Wayne!) He said it wouldn't happen (it didn't) but *E. I.* published their first Class-E CB project, a grid dip meter for 220 Mc. Just to prove some things never change, a cartoon set at the parts counter of a neighborhood Electronics Emporium (remember them?) featured a large box marked "Special! Surplus X-Formers, 43.5 v pri, 72.3 v sec, Only 19 cents!" The parts guy is saying: "...Aside from that, Al, it's a good buy..." Meanwhile, down the street at Taurus Electronics, the sign on the door reads: 'Closed for Nikola Tesla's birthday'

In other news, electronic manufacturers supported legislation in Congress to create the National Metric Conversion Board. I wonder how that worked out? The FCC made a ruling requiring UHF tuners on low-end B&W TV sets have detent clicks just like the VHF tuner (by 1974) and AFC as a standard feature. The manufacturers say they'll discontinue the B&W models if the rule goes into effect to encourage sales of the higher-priced models. Or, Surprise! SONY and Panasonic might eat your lunch before the decade is over. In Uncle Tom's Corner, Tom Kneitel, K2AES / KQD4552, responds to a reader from Paris, Texas who asks: "Voltage and Current seem to be indirectly proportional, so if I take a 250 volt 2 ampere fuse, can it be used at 125 volts, 4 amperes?" (have you noticed these questions always come from Texas?) Uncle Tom said 'NO', but I'd have said 'YES'. Just be sure you buy the bulk pack, as you'll be going through plenty of them.

IT WAS 1964 IN NEWINGTON, CT:

And in California, Timothy Leary was still running the *Acid Test* bus tour with music courtesy of *The Grateful Dead*. (!) But we spent our evenings flipping through *The ARRL License Manual... What A Trip!* The Hallicrafters SR-150 CW/SSB (no AM) HF transceiver was 'Amateur Net' at \$650.00 and illustrated in mobile duty under the dash of what I *know* was a '61 Impala. The optional AC power supply was \$99.50, the DC supply was \$109.50, the mounting rack was another \$39.95. Multiply these prices by FIVE (as we're now in 1964) and remember this was an 80 through 10 Meter rig with one 10 Meter band segment (28.5 to 29 Mc) provided. The other three 10 Meter band segments were optional. Don't even ask about the WARC bands. One of the exclusive SSB features mentioned was an RIT knob that fine-tunes only the receiver! Imagine that, all this for only \$3,500.00 in Y2K dollars!

Now, with this C&E in your left hand, (c'mon, do it) raise your right hand, then read this out loud: "I PROMISE I WILL STOP COMPLAINING ABOUT THE PRICE OF THE NEW HAM RADIOS".

(Thank You!)

I was amazed at how much Six Meter gear was featured in the adverts. From Heathkit (by Daystrom), Johnson, Clegg, Ameco and somebody called International Crystal at 18 North Lee in Oklahoma City, OK. The Clegg ad was particularly interesting. The Zeus 6/2 Meter (AM/CW) transmitter was built to match the Interceptor receiver and both featured built-in VFO's. Amateur Net for the transmitter was \$695.00 plus \$473.00 for the receiver. Multiply by five, then skip back a paragraph and take the pledge again. *(Thank You!)* For Hams on a budget, the Clegg 'Thor 6' (Six Meter only AM/CW transceiver) featured 60 watts plate input and 'Nuvistorized' front-end with VFO for only \$349.95 Amateur Net.

International Crystal had a full line of kit transmitters, receivers, VFO's and power supplies in the classic open-chassis style. Four-tube receivers with 'superheterodyne IF and regenerative detector for AM / SSB / CW reception' sold in single-band trim for \$62.50, with power supply and 4" speaker. Their 50 watt (DC plate input) CW transmitter sported a 12BY7 driving a 6BQ6 and included one 40 Meter 'Novice' crystal for only \$35.00. The AC power supply was \$18.50 (or \$32.50) for the mid and high-power versions, respectively.

And speaking of those two-legged quartz critters, Heathkit's DX-60 transmitter kit (rockbound AM / CW) was a mere \$79.95 plus \$34.95 for their external 'Driftmaster' HG-10 VFO. PR Crystals would sell you all the FT-243 style rocks you wanted for \$2.95 net, each, while "PSE QSY UP 1KC OM" meant 'Ka-Ching' at a cash register. A 100 Kc calibrator rock cost \$6.95. The *Instructograph* CW practice machine was available for sale or lease, but the good Hams at Ameco had both theory and code practice *records* available in 33, 45 and 78 RPM. Prices ranged from \$3.00 to \$11.00 for the various sets.

If I had a time machine, I'm wondering how I'd make out if I took a few IC-756 PRO's to Dayton in the late 60's... Then used the proceeds to buy a factory-fresh '69 Chevelle SS '396 ragtop. Tweety-Bird Yellow & Black, Hurst 4-speed, Posi-411 rear, red stripe Tiger Paws and a tank full of Gulf No-Nox... (plus a few shares of IBM or Xerox if there's any change left over)... The car today would sell for \$30k like that <snaps fingers> and I promise I wouldn't shoot Yoko Ono while I was back there. Sure, I'd think about it, but...

MEANWHILE, BACK AT THE FCC:

The 1964 (January-June) Examination Schedule shows January 15 and April 15 in Tulsa, January 17 and April 17 in Okie City. We be 'Westbound and Down' at the Commission... Now, let's suppose YOU ARE THERE! Here are a few sample test answers as submitted by AC5UP:

FROM THE NOVICE TEST:

What is the relationship between a cycle, a kilocycle, and a megacycle?
The displacement of the engine?

What are the undesirable effects of over modulation in radiotelephony?
Too much DX? Is this a trick question?

FROM THE GENERAL TEST:

Name the instruments normally used to measure electric currents, potential differences, power, resistance, frequency.
Uhhh, a meter, meter, meter, and a meter?

What would happen if the primary of a 60-cycle power supply was connected to mains carrying continuous direct current?
The SWR of the power supply would rise?

What is the principal reason for using a filter in a plate power supply system?
So you won't get any dust inside the tubes?

Draw the schematic diagram of a plate-neutralized final r.f. stage using a triode tube coupled to a Hertzian antenna, showing the antenna system and Faraday screen to reduce harmonic radiation.

<imagine Joe Pesci saying this> Yo, Pally, I got your 'Faraday Scream' right here...

What radio messages have priority over all other communications?

That's easy... Mine. QSY, you moron!

FROM THE EXTRA TEST:

What is a Doherty amplifier?

Any Hi-Fi amplifier built by Sam Doherty when he was still working at Dynaco?

Why are the crystals having fundamental frequencies above 5000 kc generally BT-cut rather than AT-cut?

Yo, Pally, I got your 'BT Cut' right here...

What are the four types of transmission lines? *Ahhh Haaa! TRICK QUESTION! There are SIX: Too short, too long, too thick, too thin, too old and 'just right'!!!*

Describe an electrodynamicometer ammeter
It's about eight inches square, three inches deep, with a leather handle on the side?

What is the principal advantage in the use of a diode detector instead of a grid-leak type triode detector?

You don't have to drain the grid-drip pan?

On what characteristic of an electron tube does a Dynatron type oscillator depend?
The index key on an octal tube socket?

How is a Tri-Tet oscillator adjusted?
With three itty-bitty little screwdrivers?

If, upon tuning the plate circuit of a triode radio frequency amplifier, the grid current reading varies, what defect is indicated?
A corrupted boot sector on the hard drive?

Would mercury-vapor or high-vacuum type rectifier tubes of equivalent ratings be preferable for a power supply in which filament and plate voltages must be applied simultaneously? Give the reason for your choice.

Damned if I know, but Mr. Franklin here always wanted to meet an FCC examiner...

Why does it take forever to clean out the garage? **BECAUSE YOU STOP TO READ THE OLD HAM MAGAZINES!**

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by Nelson Derks — AC5UP

The Largest Clod in Day County!

Jerome Doerrie, K5IS

*Credit TallTailTeller from Nebraska for
story idea.*

Whittle and spit, or is it spit, then whittle? Occasionally, someone will forget which should come first and get all choked up. This creates a bit of excitement for the members of the Timm's City Spit and Whittle Club during their daily meetings on the park benches down around the shade trees on the court house square. Day County is farming and ranching country, located about 500 miles from the center of nowhere. Timm's City wasn't actually founded - it just sorta happened when Alexander Timm was heading west in the gold rush of '49. Alexander was very nearsighted and wandered off the Santa Fe trail. He was lost, tired, and his wagon broke down, so he became the first resident on this spot. Today there is not much to see or do in this small town of 3000 friendly folks and a couple of not-so-old soreheads, but what you hear makes up for it!

If the weather is too disagreeable, the SWC (Spit & Whittle Club) meets in Mutt's Highway 66 Diner. "Hey, Mutt, Highway 66 is a 'hundret' miles from here!" "I can't help it if the highway missed my diner, now can I? If you clowns would pay up, maybe I could afford to move my diner to the highway!" Yesere, folks are real friendly and sociable in Day County.

Spitting and whittling is what the club members do second best. First best, is talking! The discussions of world events are displaced by stories about the antics of those crazy, wild kids of Sallie Mae and Homer Green. While the Parson was making a pastoral call, four-year-old Little Jerry came carrying a dead mouse by the tail. "Mama, would you cook this for my supper? I will be a good boy and share with the Parson!" When 5 year old Lawrence had the mumps, Sallie Mae thought she had him tucked away in a dark bedroom. The other kids knew that sunshine and exercise is the best treatment for mumps and Sallie Mae found Lawrence up on the flat roof of the garage riding a tricycle around and around! In Day County, it is tough being Green.

There are so many kids and so many stories, most of which are true. You would think that Cap's grandchildren would be better behaved and be smarter than this.

Carl Morris was a popular hometown boy who went to France to fight in the War to End All Wars. When he returned, the homefolk thought of him as a hero, as how he become a captain and had all those medals and such on his uniform. Carl's winning smile and gentle personality won everyone over to his point of view. No one dared argue with Captain Morris or "Cap" as everyone soon called him. He was so well liked that the folks wrote his name in for mayor. Cap and Ruthie's eldest daughter is Sally Mae. She was the prettiest and nicest girl that ever walked the halls of Timm's City High. She was head cheerleader and homecoming queen each of her four years of high school. Her beauty caused the boys of the football team to put out extra effort and the Timm's City Snails managed to win a few games.

Homer Green was a handsome dude. His folks were tenant farmers that had drifted in from Wise County. Homer must have been part horse himself; there was not a better horseman in the area. After school and on weekends, and any other times that he could stand to be away from Sallie Mae, Homer worked as a cowboy for the JA Ranch. Money was hard to come by during the depression years of the 1930s.

Sallie Mae had promised her mother Ruthie that she would take college classes while Homer worked in the aircraft factory located in the city. Sallie Mae and Homer married just after they graduated in 1940 and moved to the city. Life was good for the newlyweds. Factory wages were much better than cowboy wages. A year later the stork found their apartment. Ruthie said, "Sallie Mae, when things return to normal, I want you to return to college." Cap bought a section of land for his new grandson. What's "normal"? Homer gave more than building bombers for the war effort. The stork visited again and Cap bought another section. After the war, Homer and Sallie Mae went out southwest of town and bought a couple of sections to go with the three that were for their children. The locals called it "Colored Hill" for the Grays, the Browns, and now the Greens live there. The land was not

the only the only thing that was fertile. Homer wore out two pickup trucks going to the Landbank to finance another section and to the hospital to bring home another baby. The locals quit counting at 22. It is a good thing that there weren't any more babies, because no one in the Spit and Whittle Club could count any higher.

When the first three oldest siblings were in college, they formed Green's Unincorporated, a farming partnership. They spent the summers farming together, or something like that. Executive-type decisions were difficult for them. They met each morning at Mutt's 66 Diner for breakfast. Each day the question would come up as to who would be boss that day. The ensuing argument was settled by stepping outside and duking it out. The last one standing got to be boss for the day!

Every person has a weakness. For the Greens, it is the Dallas Cowboys. They are smarter than the fan driving over to Midwestern University with his bar-b-que grill in the back of his pickup truck. He bar-b-que'd the whole countryside from Lawton to Wichita Falls as the embers blew out. But they are not much smarter. Green Unincorporated bought the first cotton module builder into the county. Five cotton strippers were gathering cotton fast and furious and each driver was listening to the Cowboy game on the AM radio. The Cowboys had the ball with a first and goal. Jerry, coming in from the east side, raised his basket for dumping and used the two-way to ask Bernie "Do you think Dallas will score?" Raising his basket, Bernie was coming in from the west side. No one remembers what Dallas did on the next play, but to this day, everyone still talks about how Jerry and Bernie scored! Lawrence had to go fetch chains from the shop so he could drag the carnage away from the module builder, in order to keep the other three strippers harvesting.

It takes a big table to feed a large clan. The minimum at any given meal would be twelve hungry mouths. Frequently there were Grandparents, friends, and other guests. Homer had converted the back porch into a dining room with a table big enough for two football teams. The biggest problem was learning where to sit. One end of the table was the baby/infant feeding area. The other end was the "fetch

more vittles from the kitchen" area. Along the sides was the "pass this or return the platter" area. Setting next to a small one was the "get something turned over into your lap" area. Grace was shortened to "Dear God, thank you for this food. You better watch out, we are about to eat. Amen!"

The addition of mates brought some degree of civilization into the clan. The operation progressed to the point that those that were good at fixing did the shop work. Those that could drive in a straight line did the planting. Farming 60 sections, Green Unincorporated has a purchasing department and a sales department. They were now the biggest farm in Day county!

During wheat harvest, Sallie Mae takes meals to the field. They eat in shifts and keep the combines rolling. Nobody can make mashed potatoes and fried chicken like Sallie Mae. Homer usually slips back to the house and quietly enjoys a sandwich or bowl of soup by himself on the back porch.

This harvest day, Homer was enjoying tomato soup. The last two, Lester (11) and Thomas (9) were sent to hoe the garden. It takes a lot of groceries to feed the Greens, and ever since the first child became big enough to hold a hoe handle, each has been expected to help with the chores and hoe in the garden. Ever since there was a second kid, hoeing has turned into a clod fight. The battle will last until someone gets a bloody nose, dirt in an eye, or hit in some other tender spot of the anatomy and runs to safety at the house. With the heritage of 20 brothers and sisters before them, Thomas and Lester can put on a good clod fight. This day Thomas gave up first and went running for the safety of the house. Lester reached down and lifted the biggest gosh darn clod that has ever been. With both hands, he heaved it over his head in the general direction of his little brother. The clod was so big that it blocked out the sun. The chickens went to roost. The astronomy department of the local junior college reported a surprise eclipse of the sun. The air command radar picked up this unidentified flying object and scrambled interceptor jets from Vance and Altus Air Force bases. As Thomas opened the back door, this Mother of All Clods arrived and hit him in the head, creating a large knot and knocking him out. The force swept him off his feet and

set him flying into the dining area, and debris from the clod caused Homer's soup to slop all over him. Homer went to empty his dirty soup bowl outside. Lester saw the "blood" covering his father and fainted!

Time corrects a lot of things. Thomas' knot subsided and Lester found that once again he was able to sit down to eat. Thomas grew up being a little different. Instead of going into farming, he and Ben Smart have an insurance agency. Is it better to be named "Green and Smart" or "Smart and Green"?

At every family gathering Thomas has to hear the story about the clod again and again. Every niece, nephew, and cousin knows by heart the dangers of clod fighting--if you get hit in the head, you might become a ham radio operator like Uncle Thomas!

At the Spit and Whittle Club Henry asks "Clem, I hear that Thomas Green is going to Ham Holiday for the 'wolffy hogg*' meeting. What's a 'wolffy hogg'?"

"I don't rightly know, but if Thomas is doing it, it must be interesting!"

*Wouff Hong, a supposedly secret ceremony about good operating practices. Will be conducted 10:00 PM Friday Night July 28th at Ham Holiday.

Amateur Radio Newsline

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Emergency Comms: Rescue At Sea

Ham radio becomes the lifeline in a rescue at sea. Jeramy Boot, G4NJH, reports:

Amateur Radio Operators in Hawaii and on the sunny island of the Republic of Kiribati, worked together to help the U.S. Coast Guard rescue a bunch of teachers who were adrift in the Pacific.

Five Sunning Island teachers were aboard a 36 foot out rigger canoe on a day long fishing trip on the 10th of May when the canoes engines failed. A relative reported the missing boat to Amateur Radio Operator on Sunning Island, who in turn

reported it to another Amateur in Hawaii. The Hawaii operator reported the missing canoe to the Coast Guard.

After coordinating with the U.S. Embassy in the Republic of Kiribati, the Coast Guard dispatched a C-130 transport early on the 12th of May. The plane found the boat at noon, dropping food and water to the teachers together with a radio beacon. The aircraft then contacted the coastal freighter at Matingari in Washington Island in Kiribati, which then proceeded to rescue the crew and salvage the boat.

Thanks to the quick work of Amateur Radio operators, everyone is safe. (G4NJH)

The Law: Ham Agrees To Stay Off Controversial Repeater

A Cypress, California ham has been granted a short term renewal of his license, but his keeping it is contingent on his staying away from a very controversial Southern California repeater.

Back on May 6th, the FCC had set aside Jeffrey Dressler's license to operate as KF6VOT based on complaints received regarding his operating practices. The FCC wrote Dressler asking him to respond to the allegations which he did. Based on a review of his response and assurances of compliance with the Amateur Service rules, the Commission has issued KF6VOT a one year license that will expire on June 10th, 2001.

But there is a definite caveat. In a June 6th letter to Dressler, the regulatory agency says that it is granting the short term renewal of his license contingent on an agreement for him not to operate the W6NUT repeater. That's the Los Angeles area system on 147.435 MHz that is sometimes euphemistically referred to as the "animal farm" by its own users.

The FCC says that if it does not receive any valid complaints of rules violations that Dressler will be permitted to apply for a full ten year renewal license term a year from now. As far as we know, this is one of the first times that a ham has agreed to stay off a particular repeater in order to keep his license and remain on the air.

(FCC release)



Oklahoma City Autopatch Association

June 20, 2000

The meeting was called to order by president Glynn, N5WNL. There were 18 members and 2 visitors present.

Secretary's Report: Report was approved as printed in the C & E.

Treasurer's Report: Mark, KD5CXP, gave and past around copies of financial report, upon motion the treasurer's report was approved.

Technical Committee: Loyd, AB5I, The 82 machine is ok. Last Saturday we were going to put on new roof and tower work but got rained out.

CORA: Hal, KB1ZQ, said that dealers are slow responding about coming to Ham Holiday. We will be in the Made In Oklahoma Building due to the repairs on the Modern Living Building. C U at Ham Holiday - July 28, & 29, 2000.

Field Day Planning: Mark, WL7FT, talked about antennas, radio equipment, set up and all about that good food. Saturday 6:00 p.m. Field Day will be at Joe B. Barnes Park. Where is that Ice Cream Machine? Tom, WA9AFM and Hal, KB1ZQ showed a new Logging Program that will be used at Field Day.

New Business:

Glynn, N5WNL appointed Clay, WA6LBU, to be in charge of the controller.

Ron, KC5QCV for Forrest, N5VWF

GET THAT FOX

Summertime is here and it's time to do some hunting! Find the sly ole fox using your direction finding skills. If you've just gotten your license or your old timer at tracking those wylie radio tracks, direction finding is a fun sport for all on 2 meters.

The Aeronautical Center Amateur Radio Club would like to sponsor a hidden transmitter fox hunt. If your interested, call Paul, WB7QIN at 405-381-3574. If we can get several participants, the ACARC will work out a date in the near future.

More info on antennas for direction finding can be found in the ARRL handbooks or at <http://members.aol.com/homingin/equipment.html>.

More Amateur Radio Newslines...

Enforcement: KV4FZ Will Appeal To The Us Supreme Court

Herbert L. Schoenbohm will file one last ditch appeal to the U.S. Supreme Court in the hope of forcing the FCC to renew his KV4FZ amateur license.

As reported last week, Schoenbohm has exhausted all other avenue of legal recourse. In each decision the courts have sided with the FCC, which says Schoenbohm no longer holds, the minimum requisite requirements to remain a licensed radio amateur. This based on a felony conviction several years ago.

During his appeals the FCC has permitted Schoenbohm to continue to operate using KV4FZ even though it no longer appears in the callsign database. It is not known how much longer the FCC will permit this

arrangement to continue.
(Various sources)

Enforcement: New Jersey Uncoordinated Repeater

Another allegedly uncoordinated repeater has come under FCC scrutiny.

This, after the owners of a coordinated repeater on the same frequency file a formal complaint. This one is in New Jersey and the FCC's Riley Hollingsworth says that the matter is already being investigated:

"We opened another case of apparently uncoordinated repeater interfering with a coordinated repeater, this one is in New Jersey. We requested details and comments from the licensee in Neptune, New Jersey, Jeff Colden, K2RFL, who is alleged to be operating the uncoordinated repeater." Riley Hollingsworth

While there is no law that says an Amateur Service repeater has to be coordinated there is one that says who is responsible for clearing up repeater vs. repeater interference. Section 97.205 of the Commission's rules states that where there is interference between a coordinated and an uncoordinated repeater, the licensee of the uncoordinated repeater has primary responsibility to resolve the interference.
(FCC release)

Enforcement: Fcc Forfeiture Notice For Wrong Prize

The FCC has issued a Notice of Apparent Liability for Forfeiture to a broadcaster that did not disclose all the facts in a radio promotion.

The station in question conducted a contest called "Millionaire Monday" without disclosing that the prize was one million Turkish lira and not one million U.S. dollars. It turns out that one million Turkish lira was worth about \$1.90. Needless to say, the prize recipient was not thrilled.
(FCC, CGC)

405-737-3781

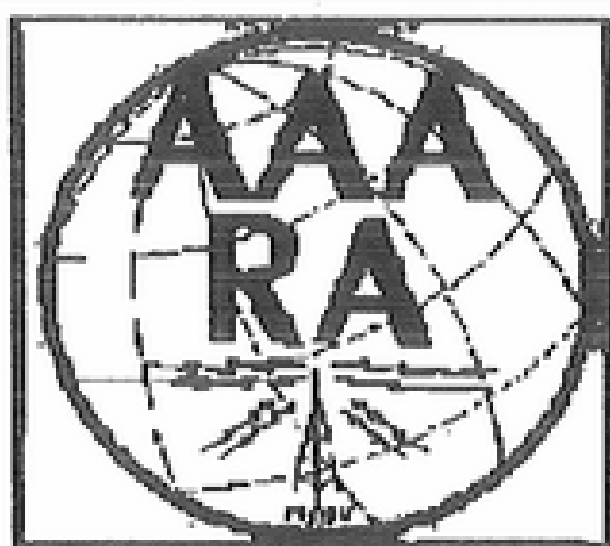
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Altus Area Amateur Radio Association

President's Corner

Well, it's that time again. We've had an interesting month with a lot happening and there's still a lot more to come. Where do I start?

On the first Tuesday of June, the members of the Lawton / Ft. Sill Amateur Radio Club cordially invited Dave Locke, KC5SII and I to address the club about APRS (Automatic Position Reporting System). Needless to say, Dave and I were very excited about the opportunity. We were welcomed by an exceptional group of amateurs who were very excited about learning how to become involved with APRS. After the talk, we did a show and tell and met several people who assured us that they'd have an APRS digi up as soon as possible. I think it took about a week and for those of you able to watch APRS stations via the World Wide Web or through VHF Radio/TNC/Computer, you'll notice a new station on the APRS Map. Look for KB5IYB-5. Congratulations to the Lawton Amateurs.

On June 10th we were able to move our own digipeater from its test location, atop a water tower, to its new and permanent home, high atop Walsh Mountain, northwest of Granite. Its new location gives it some pretty impressive coverage. We've tracked stations from just east of Amarillo, TX to somewhere east of Clinton, OK. With the new Lawton digipeater in place, we have near 100% coverage from Altus to Lawton. We haven't tested its western coverage yet, but soon will. As an aside, the crew that put the digi on the mountain deserves special thanks. The weather was anything but cooperative. It was raining with low clouds and high winds. After climbing the mountain in two 4-wheel drives, we exited the vehicles only to get soaked to the skin. The cold wind had some of the crew

turning blue and when our tower climber ascended the tower he climbed into a cloud and almost went out of sight. Thanks to Fred (KC5SRJ), Jerry (K5QM), Wes (KC5TTE), and Rob (KD5KKQ) for their efforts. I was there too and had a great time.

Our club is growing. Thanks to an influx of new call signs, we've gained a few new members and we'd certainly like to welcome them to our club. I'm certainly enjoying our meetings and hope you are too.

Members are taking charge. Several people have volunteered to host a regular Tuesday night roundtable net and I understand the first was a great success with 16 check-ins. James (AB5FS) is taking charge of Field Day and that's only a few days away. By the time you read this, it'll be over, so thanks to James in advance. Several have volunteered time and resources on the club van and I think we have a person interested in working on the UHF repeater project. We even have a new packet node going up on Walsh mountain in the near future. Thanks to all those involved with these projects.

I've probably missed something, but time and space preclude me going much further. It sure is nice to have so much to write about. Keep it up.

73s

Dale Town, N5VX
AAARA President

Thoughts in the Air By Ron KD5CYW

Well here we are again another month gone by, a Field Day that was good along with the friends that were with us, and ones on the other end of the airwaves too.

Seems like the last month's minutes were about all we got in. But, to say the least, we had an unexpected call from the Red Cross that Friday to go to Walters, OK to do some Damage Assessment. Only to let you know that Thursday Night ARES Meeting we had some Red Cross D. A. training with James KC5OEY, our Red Cross Rep here. Also a member of the AAARA did a fine job of refreshing us to a small town that was hit hard by high winds that took out several trailer homes and even houses. The training helped,

since this was my first call to help our neighbors about 75 miles away, and the Red Cross folks in Walters really enjoyed the help we gave. We saw a trailer home frame completely wrapped around a round haybale, and several that was just reminiscence of what used to be, and one that had a telephone pole through the window as an arrow in the target. Met some folks that were friendly and some who were shaken up to say, when you lose your home you'd be shaken up too. But we were there to help out and give some support to them. The Ham Radios helped out greatly as the two vehicles we had we covered the area in 2 hours with being in contact so we did not double over the areas we were working. Well as the day went on we had to get back to Altus since the WX was starting to pop up some storms, and we got there just in time to go into Storm Spotting duties, and after that I slept in that Saturday morning. Yes it was a day of wear and tear on the body, but worth it to know you helped out. Oh by the way, the Ham radio helped out to let Dale know where his extra set of keys were.... in the keyhole for the trunk of his car at 70 mph hanging on in there, now simplex does work out at time when you need it, and laughter once again was not contained to normal levels.

Getting on to more "in tune" items, the AAARA has once again started up the Tuesday Night Roundtable net at 7:00pm (local). So that looks like it might work out just fine. The Hamfest for 4 November is looking upbeat, and when the school time starts again the AAARA will most likely have another class starting up. Our June breakfast meeting was great, we had 11 folks show up, and we had a great time with our old friend, laughter.

Did anyone go to the HamCom in Arlington, TX? I did, along with Loren WA5CBF and Ron KB5UVC. We took the UVCmobile out of the batcave and headed out at 4:20am, with arriving at about 8:20am at the HamCom. We had a great time seeing folks we knew, didn't know, and had a nice time of doing what Hams do best, Shopping. I bought several new Antennas and Battery packs along with some other things and items that you may need or know that someone else may need somewhere between now and at least 2020. Oh yes, even got a new cap with the call sign on it, and made several contacts for our AAARA Hamfest. I

enjoyed going out meeting the Reps from the manufacturers, dealers, and all the folks that make a Hamfest, well a Hamfest. Nice to see the groups there getting folks to join up or get interested into joining. With all the fun of walking around for 4 hours, we left to go get my favorite part, dinner. We stopped at the Old Stockyards and went to Risky's BBQ, and feasted on AYCE BBQ Ribs, and even had some hot, I mean, HOT!!! chicken wings, must have had a gallon of ice tea to get the flames put out. What I can say for the group, is we had FUN. With the high gas prices that we are having so much fun to pay at the pump, caravan to the next hamfest, hey support them, they are fun to go to, and with this coming OK Section Ham Holiday at the end of this month... don't let the Gas Grinch pinch your fun or opportunity to go.

Till we see you next month, keep the airwaves lit up, the repeater hot, and just don't support but be a support for your local club by being active in something. Thanks to the club members that have been a help to the AAARA. Be a Elmer to someone today.

73's

Ron, KD5CYW

AAARA Business Meeting 8 June 2000 held at Altus Fire Station #2 (EOC)

Called to Order at 5:35pm by Dale, N5VX.

Old Business:
Treasurer Report -

New Business:
Breakfast Meeting 17 June - Friendship Inn, 9am

Logo Contest -

AAARA Comm Van -

Reviewed consent agenda for general meeting.

Hamfest items

Meeting Adjourned at 6:05pm

Altus Area Amateur Radio Association (AAARA) June Minutes

Mail: AAARA, P.O. Box 8863, Altus, OK 73522-8863.

General Meeting held at SWTC, 711 W. Tamarack Rd., Altus, OK.

The Altus Area Amateur Radio Association was called to order by the President, Dale Town, N5VX at 7:05 PM Thursday June 8, 2000.

Introductions -

Intro.'s- Done, 26 attending. 2 New members.

New Calls from our 26 April test date. Congratulations from the AAARA members. They

are KD5KKD Charley, KD5KKQ Robert, KD5KKR Robert, KD5KKS Manny, KD5KKT Steven, KD5KKU Tammy, KD5KKV Melissa, KD5KKW Roy.

Last Months Minutes -

Treasurers Report - Read, motioned, all voted and approved.

Old Business -

Club Logo- Logos voted on, Lil's (KC5CNA) logo was voted as the winner.

ARES Meeting: 29 June, 7pm at EOC, in Altus, OK

Breakfast Meeting 17 June - Friendship Inn, 9am.

Location for Field Day will be at the Rest Area we had last year, it will be North side of the Altus Muni Airport. POC James AB5FS. A Club Picnic, will be held on Field Day at the Field Day site, Janice KD5BNO will head up the Picnic. Ron KD5CYW will send a News Release to Altus Times.

Mike W5VXU, Ann KA5YWY, Ron KD5CYW, Loren WA5CBF, Jerry K5QM, and Dave KB5SYL have set up the West Window at the Altus Public Library till 30 June. This has displays for Ham Radio, since it is Field Day month and info on Ham Radio. AAARA is getting good comments on how it looks.

Business Cards - AAARA cards, will be off to the printers.

Books from ARRL: James AB5FS will head up the chair to order books for the club table during the monthly meetings. We had a great response at the meeting with good results. if you would like to

order a book from the club, see James, he will take your order.

HAMFEST - Mike W5VXU, 4 Nov 2000, at the Altus Community Center on Falcon Rd. Janice KD5BNO, will coordinate the Non-Ham tables, crafts, toys, and things of that area, (things for our YL's too). The Hamfest Committee has made out the menu choices, and it was voted on, choices made 4 items on list and one backup for that just-in-case. Lots of discussion about Hamfest went on. Mike says things are going just great, thanks for the help and support, Regular Ham Committee meetings will begin soon.

New Business - as follows

We are looking for 4 people for doing the refreshments for the regular club meetings. KD5BNO has the Sept Slot, Ron KD5CYW will take care of July.

Ham Com 2000 (Arlington, TX) Caravan 10 June - carpool to Ham Com and go out to eat after.

Ham Holiday, at the OKC State Fair grounds July 28 & 29th.

Digipeater - Sat 10 June, will make a trip up to mountain to put up the APRS digi. POC, Dale N5VX.

Vest - Mike and Ann has some material they have come up with to make a club vest for members, this however is a idea that needs your help to complete. POC Mike W5VXU or Ann KA5YWY.

Logo Scans - With the new club logo, Wes KC5TTE and Jerry K5QM motioned to have Coustom Graphics in Altus Plaza scan our logo so that we can get Club Tshirts be made available for club members. All voted in favor. This also can be used for Hats, Jackets, Patches, or whatever the club members would like to buy.

Lawton & APRS - Dale N5VX and Dave KC5SII went to Lawton's Ham Radio club meeting Tuesday 6 June, and had gave a presentation on APRS. They were so inspired by what APRS is and the Demo that Dale and Dave put on, they should have a digipeater up by 15 June. This will give SW OK a good footprint for APRS.

Walters, OK - The Red Cross Altus Chapter was called in the morning to help

out to do Damage Assessment in Walters on May 26th. ARES members assembled that afternoon and left for Walters, they were Dale N5VX, Lil KC5CNA, Bob KC5CNC, Robert W5RRB, and Ron KD5CYW. As a note we just had Red Cross training done by James KC5OEY the day before for the D. A. call. If you would like to become a D. A. team member, get with Dale N5VX.

Proper I.D. of Station - Dale briefed us on, ID'ing your Call Sign as it is, N5VX, not November 5 Victor Xray, use the phonetic alphabet only when not understood by the other station.

New Business... opened from the floor
We need a Volunteer for a Tuesday Night Net, to be the Net Controller. The Tuesday Night Net will be at 7pm, and if a Severe WX Storm Net is up, or happens during the net, the net will not be run or given over to proper Net Control. Ron KD5CYW, will be the Net Control starting 13 June. Anything for announcements can be emailed to Ron at kd5cyw@arrl.net, or call him at (580) 482-8446.

New Members of AAARA, Rob KD5KKQ of Altus, and Wayne KD5FEH of Manitou. Welcome Aboard.

Ongoing Projects. - discussed.
APRS - 144.390 simplex, have site up on Walsh Mountain in Granite, OK. See Item New Business.

AAARA Comm Van, Work has been restarted on it. Ron KD5CYW replaced the Brake Master Cylinder and bled the brakes, works good now, it stops. Also replaced the Air Intake Cleaner Assembly, no more Oil Bath air cleaner. He was assisted by Dale N5VX. Help is still needed, get with Dale if you would like to help out.

Packet Node, should be up soon. TBA when it is.

The meeting was adjourned 8:30 PM with everyone looking forward to the next meeting 13 July 2000, 7pm at SWTC.

Typed by Ron, KD5CYW, SEC/ED
AAARA Email: kd5cyw@arrl.net

More Amateur Radio Newline...

International: WRC 2000 Good For Ham Radio

Ham radio has come away basically unscathed in the just concluded year 2000 World Radiocommunications Conference. Rick Lindquist, N1RL, of the ARRL Audio News has the details:

The WRC 2000 Future Agendas Working Group has agreed to recommendations for a number of World Radiocommunications Conference 2003 agenda items of importance to Amateur Radio. Among other things, the Little LEOs could be back at the trough at WRC 2003 seeking additional allocations. The WRC-2003 agenda is not cast in concrete, however. The ITU Council will make the final decision on the WRC 2003 agenda two years before the conference. The recommendations came as WRC 2000 concluded June 2 in Istanbul, Turkey.

Amateur Radio-related topics likely to be on the table at WRC 2003 include a possible revision of Article S25 of the International Radio Regulations. Article S25 contains the basic rules for the amateur and amateur-satellite services and includes the requirement to demonstrate Morse code proficiency for access to amateur bands below 30 MHz. Observers report there was broad support and no opposition voiced to having Article S25 on the WRC 2003 agenda.

Provisions of Article S19 of the International Radio Regulations concerning the formation of callsigns in the amateur services in order to provide flexibility for administrations also could come up at WRC 2003. So could a review of the terms and definitions of Article S1 as required as a consequence of changes made in Article S25.

Among other things, Article S1 contains the definition of the amateur and amateur-satellite services.

Also up for possible consideration is a so called "harmonized" or worldwide 40-meter allocation. This is a long standing problem identified at WARC 92.

WRC 2003 also may consider allocations for

nongeostationary, non voice mobile satellites; the Little LEOs; below 1 GHz, as well as spectrum above 1 GHz for feeder links.

HF broadcasters gained approval of a resolution calling for review of the need to switch from double sideband AM modulation to SSB. The associated WRC 2003 agenda item stresses the desire to convert from DSB to digital modulation.

Among items penciled in on the WRC 2003 agenda but unlikely to be considered unless additional resources become available are consideration of frequency allocations for HF broadcasting from approximately 4 to 10 MHz and up to 6 MHz of frequency spectrum to the Earth Exploration-Satellite Service in the 420 to 470 MHz band.

WRC-2000 managed to avoid designating Amateur Radio spectrum in the 2300 to 2400 MHz range for use by third-generation IMT2000 cellular systems.

Several "footnote" changes will affect the status of some amateur allocations in other parts of the world. For example, amateurs in Austria, Liechtenstein, and Switzerland will gain some additional flexibility on 160 meters.

I'm Rick Lindquist, N1RL.

The bottom line is that with the exception of the Little Leo's, things look pretty good for ham radio. And unless there is a major policy change the future of Morse will probably be decided at WRC 2003.

(ARRL)

(405) 524-3770
PCS 410-4005



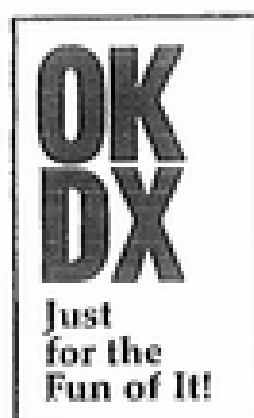
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OKlahoma DX Association

From Da' Prez

By LARRY SHIMA, W0PAN

HAM HOLIDAY IS ALMOST HERE!

And the OKDXA will hold our semi-annual meeting on Saturday morning. We will be electing a new set of officers for 2001 and voting on proposed changes to the OKDXA Constitution. Please refer to your June C&E for details on the proposal to establish overlapping two year terms. We need your vote, so be sure to attend!

I am also in the process of taking orders for OKDXA T-shirts and Hats. If you are interested, and haven't already contacted me, please do so quickly. The previous supplier of our T-shirts and hats is no longer able to do them for us. Phone 405-721-8138 or e-mail to w0pan@arrl.net.

SUNDAY, SEPTEMBER 24th IS OUR ANNUAL "BANQUET" AT STARS AND STRIPES PARK ON LAKE HEFNER IN NORTHWEST OKC. Be sure to reserve that date for our get-together that will run from 1 PM to 5 PM. This will be a casual picnic format with appropriate goodies being served at approximately 3:00 PM. No particular program is planned, just a general get re-acquainted session along with some bragging about the DX that got away. Details will be forthcoming in future issues of the C&E with a few notices along the way. The cost for this get-together should be in the vicinity of \$10 or less. A pavilion is reserved so if it rains we will have a roof over our heads. Put the date on your calendar, we would love to have a large turnout!!

The summer DX doldrums are upon us when fishing and other stuff often takes precedence. Have a safe summer and see you at Ham Holiday! — W0PAN

Secretary / Treasurer Report

By JERRY CHOINARD, K5YAA

Seems like we can count on a call sign change or two every month, and here's the one for this month:

E. GLENN WOLF, JR.

from AB5RQ to N5RN

(nice CW sound to it!)

— K5YAA



The Legendary N5UW will be at Ham Holiday on Friday night (only) to check QSL Cards for your DXCC Submission!

From Da' Editor

By NELSON DERKS, AC5UP

If everything worked out as it should, this C&E includes an article about old Ham magazines and why it takes so long to clean a garage. The garage job still has a way to go, and I recently learned a lesson about safety. (Don't try this at home!)

On trash days I have a habit of taking out the junk first thing in the morning, usually wearing only a pair of pants. I'd been tearing down some old computer stuff for scrap aluminum over the weekend (I've 'mined' \$87 from the junk pile so far) and as I reached across a pile of printer cases, a nice beefy transformer in the 20 pound class tumbled off the stack. Sixteen inches later it scored a direct hit on the big toe of my left foot then rolled toward the bench. This was followed by a few minutes of interpretive dance (sorta) and using words Linda won't allow in the C&E. (!) The lesson learned is that running barefoot is OK on the radio, but bare feet are no match for a laminated iron core. Nothing was broken, walking was an adventure for a few days, and the changing nuances in the shades of black & blue are fascinating to watch, but... Got Shoes? Wear 'Em!

I think an old magazine can make a strong argument that this is one of the very best times to be a Radio Amateur. Sure, in the early 1900's when radio was a cutting-

edge technology hardly a month went by without a new discovery in the art, usually by Hams like ourselves. Electronics is still that way, but the frontiers are in nanotechnology and high density data storage. Much of this is beyond the reach of casual tinkering but it does provide us with a parade of small boxes that do more at a lower cost. At the amateur level, digital radio applications that would have been unthinkable less than a decade ago are becoming commonplace. That's the nature of technology, and you do remember the cliché about the difference between Science and Magic, don't you?

Meanwhile, it's never been easier to find a VE Session or cheaper to get on the air. The Internet provides many opportunities for potential Hams to get excited about the hobby and start working toward their first call. There are study guides, sample tests, and reams of Ham History to be found on the Web. At the same time, it has never been easier to scrounge up the hardware. eBay and eHam (plus many others) are loaded with used gear while the big-name manufacturers and dealers have marvelous web pages where you can price and spec-out anything you'd need. Both the price and quality have never been better.

Whoa, you might say... The old Collins, Drake and National gear (to name a few) were 'built' far better than most of the new stuff. Mechanically, yes. But, electrically? Ever had a mobile rig that was temperature sensitive? Ever had an HF rig that was drift? Those problems disappeared from most new rigs about a decade ago. And, have you noticed how difficult it's become to find a new HF rig with bad audio? Seriously... The newer Icom and Yaesu models I've heard on the air sound more like FM than SSB straight out of the box.

Never better. But the hobby seems (with the notable exception of the Post-CB boom of the late 70's and No-Code Tech entry in '91) to remain stagnant. I still think we do a better job of preaching to the choir than in getting the word out to the public.

But, I was pleased to see an article in the Tulsa World on Saturday, June 3rd promoting a weather seminar hosted by the local clubs and featuring an appearance by a well-known TV weatherman. Nice piece of PR work by the clubs and the cross-promotion by the TV station didn't hurt a thing. Most of us would think arranging

the seminar alone was a job well done, but they took the extra step of getting the word out to the general public. Good On Ya'!

Field Day was the next chance for a little publicity, and on the Thursday morning before Field Day, Tulsa ARC Club Prez 'General Dave W5ATV' scored a live guest remote from his shack on the KOTV Morning Show. No Kidding. Southwestern Bell had a service outage on the previous Tuesday and the TARC repeaters did some public-service relay duty. The station promoted Hams as an important backup for the usual communication services and 'General Dave' made sure he was wearing his TARC Field Day 2000 T-Shirt. Got the mention in, got a graphic on the air giving where & when, and there wasn't a CB'er watching who didn't envy the W5ATV shack. Looked darn good and anyone with an interest in the hobby knew where to be that weekend. Absolutely Outstanding!

Does any of this help? I don't see how it could hurt. And I hope your club got the word out, planted a few seeds, and started a few toward their first license. — AC5UP

the WPX SSB Contest in March. Then invited me to join him in a multi operator — single transmitter effort.

Dave and I have known each other since our high school days in the 50's when we would meet on 40 Meters almost every afternoon. We spent three weeks in Belau in 1992 and teamed up for a third place in the world finish in the multi-single class of the 1998 WPX CW Contest from Antigua. So, we sort of know each other.

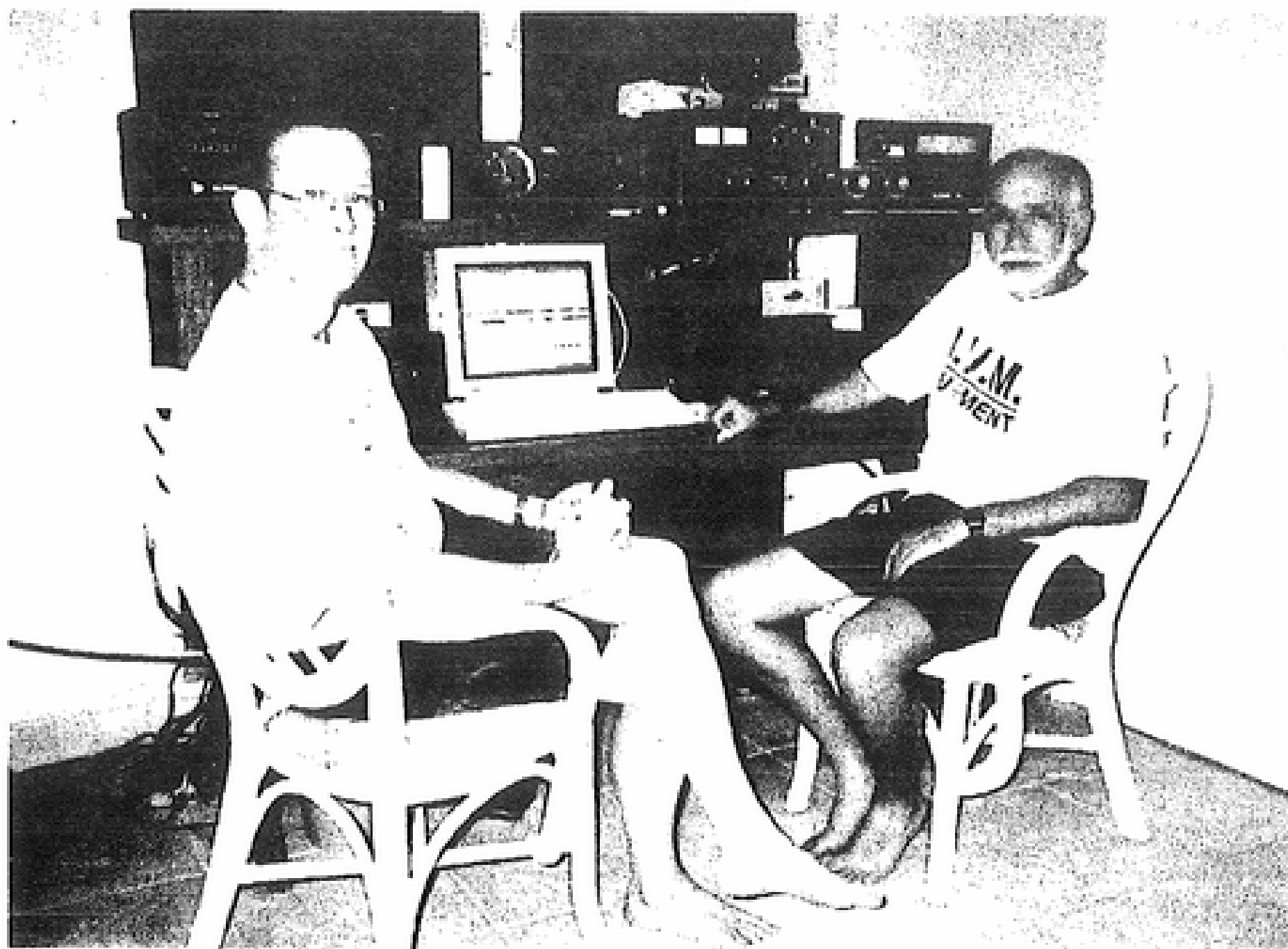
I told him I just could not go. I did not have the vacation time or the money and besides that, I don't do phone contests. He kept after me and insisted I look at the pictures of the station available on the internet. I said okay; which was my first mistake. The second was in letting my wife, Karen, see the pictures. The three bedroom fully furnished villa looked very nice. According to the web site, four sliding glass doors opened out on to a magnificent secluded beach. Well, we didn't just fall off the turnip truck. We've seen ads like these before and been very disappointed. They also promised the

putting up his 3 element 80 Meter antenna at his home in Kentucky. We also saw where Bud and a friend had come in second in the world in the ARRL SSB Contest the previous year from the VP5 station. Anyway, after much talking and head holding, Dave and I decided to give it a shot. Karen came along as our support crew person and she did quite well.

We rented The Villa Rose (you can see it at <http://www.qth.com/vp5>) for nine days including the WPX SSB Contest weekend of March 25th and 26th. Because of our personal schedules, Dave arrived a day before we did and I talked with him on the air that evening. He said the place was unbelievably beautiful but pretty remote. So, we were pumped when we left early the next morning. The Turks and Caicos are a British Commonwealth about 500 miles southeast of Miami and about 150 miles northeast of Cuba. We changed planes in Dallas and Miami on the way to Providenciales, the Capitol of the Turks and Caicos Islands.

Jody Millsbaugh, VP5JM somehow found me outside the airport when we arrived in Provo and had the licenses for Dave and myself as well as a license for our special contest call, VP5V. So far, so good!

Bud had advised us to buy groceries in Provo before catching the 6 seat Piper for North Caicos Island where the Villa is located. He said we might not find much food on North Caicos. We left our luggage with Shorty (another of Bud's suggestions) at the airport and caught a taxi to the best grocery store in town where stocked up for the week. Bud said the taxis would wait for us but ours would not. I had the store call for a taxi three times and I stood out on the street in the hot sun for over half an hour trying to find one. Finally, I flagged down two guys in a van that said something about transportation. They said they would take us to the airport but seemed very nervous and in a big hurry about it. They did get us to the airport but said they could not enter because they did not have the proper authorization. They parked outside the airport grounds and one of them helped us get the 10 bags of groceries into the airport. The other passengers going to North Caicos were quite nice about having spent an hour waiting on us to get back.



<W5AO> *Don't Be Fooled, This Is A Lot Harder Than It Looks!* <K5TT>

WPX SSB CONTEST FROM VP5 NUMBER ONE QSO TOTAL IN THE WORLD

By JIM HOOD, K5TT

In late February, Dave Horn, W5AO called to tell me he had rented a contest station in the Turks and Caicos Islands for

latest from Yaesu, Kenwood, and Alpha. Oh, sure. Definitely too good to be true.

Dave and I talked with the owner, Bud Foster, K4ISV and a California Ham who had operated the ARRL CW Contest from there. You may have seen Bud on the cover of CQ a year or so ago when he was

The plane to North Caicos was completely full – 5 passengers. The flight was only about 15 minutes and offered some spectacular views of the islands that make up this island country. Unfortunately, the plane was too small to carry all of the luggage and groceries and some luggage arrived two hours later. The water around the Islands is an incredible turquoise color. North Caicos is the most northerly island of the group.

Mac, who drives a taxi and takes care of the Villa, met us at the airport. He is the person to call for assistance on anything on the Island. He took us to the Villa on the northern tip of the Island. On the way, he showed us where a tornado had recently blown away two of the most important buildings on the Island, the local grocery store and the video rental store. That sounds too familiar.

As we turned off the blacktop road onto the dirt road to the Villa, all we could see was thick brush about head high. Then we saw the tower and the pink house. We could tell the Ocean was nearby but could not see it. Dave was anxiously waiting on the porch for us to arrive, probably because he did not go to the grocery store on Provo. He was living on crackers and Coca-Cola (no DP on these Islands). He graciously helped carry the groceries into the house. Entering the house, we noticed it was recently remodeled and newly furnished. When we turned the corner into the living area, we were blown away. The view of the ocean was just incredible and words cannot describe the beauty. The house, the view, the beach were all beyond what was advertised.

Before Mac left, we told him that we had heard the local people catch fish for their own consumption and we would like to get some. He came back the next day with a frozen whole grouper (uncleaned) and 8 frozen crawfish (warm water lobster) tails. Mac told us how to prepare the Grouper Island style using local ingredients, which we did after I made a fair attempt at filleting it. The crawfish tails made 3 dinners and were superb after being grilled. We did find the new grocery store about a mile away. It had packaged goods, soft drinks, bottled water, cheese, potatoes, onions and some frozen beef. We spent \$20 one day and the owner was elated.

We walked outside the first evening and could see about 5 miles east and west on the beach. It was magnificent. Strangely, we did not see a single person on the beach. The Villa is in a group of maybe 30 vacation type homes both on and off the beach. It seemed that most of them were unoccupied at the time we were there. There are 2 small hotels about a mile to the west and one about a mile to the east and we found they had a total of about 10 guests. All three had small bars and restaurants. However, they did not provide meal service unless someone called ahead to make a reservation. Their service was also a little expensive, so we did not eat at any of them. They can arrange fishing or diving trips, but we did not do that either.

Bruce Willis is building a modest \$6 million house there. Howard said he had served Bruce dinner a few weeks earlier. Driving on the left was not a problem because we seldom met a car on the one road that bisects the Island.

Oh, by the way, there is some Ham radio equipment at the Villa. A Yaesu FT-1000MP, Kenwood TS-950, Alpha 87B, Alpha 78, and another amp. The antennas were a Bencher Tribander and a Cushcraft 2 element 40 Meter beam on a 70 foot tower. There were also wire antennas for 80 and 160 Meters. The station worked fantastic. We constantly got reports of being the loudest signal ever heard from that part of the world.



One day we rented a small and well-used 4-wheel drive vehicle. We had a choice between that or an older type Cadillac. Gasoline was \$3.50 a gallon but we did not use much to tour the entire Island. We stopped at a couple of interesting places. The Bottle Creek Inn is an eco-lodge being built by a couple from Florida. Howard was happy to show us around. Karen and I went back for dinner and breakfast while we had the rental car, as it was 10 miles to their place. All three of us stopped in Titters Bar and Grill for lunch. They had one item available for lunch, a pork steak, and it was quite good. We drove to one side of the Island to look several hundred yards across to Parrot Cay. We could see the exclusive resort that caters to the super rich at \$3000 to \$6000 a night. Reportedly,

I took my ICOM 706 to attempt some 6 Meter contacts from VP5 through a 5-element antenna side-mounted on the main tower. We monitored and beacons on six for most of the time we were there. The only contact I made was with Ron, VP5KE, on nearby Middle Caicos Island.

We used the 1000MP and 87B during the contest. To say we were pleased with the station is an understatement; we were elated. We had a constant pileup for the entire 48-hour period and the challenge was in working them fast enough. We made 6,651 QSO's plus 100 dupes that did not count. That's an average of 2.3 QSO's for every minute of the contest. I had never seen a QSO rate meter hit 300 per hour until this contest. We compiled a list

of 1189 unique prefixes as well for a total score of 21,742,054.

We worked the most QSO's of any single transmitter station in the world. The only one close was the 6080 QSO's with 1129 prefixes by PTØF at the PYØF mega station. After the contest, the operators said we had a higher score, but later they posted a score slightly above ours. So, we will have to wait for the judges to score the logs to know who is number one. We had the disadvantage of being classified as North American so that Stateside QSO's only count 2 points while counting 3 points for PYØF in South America. We actually had a pretty modest station by world contest standards – a tribander at 70 feet and a 2 element 40 at 75 feet. I believe PYØF has 5 100-foot towers with stacked monoband antennas. Our summary sheet is at the end of this article.

Of course, Dave also did a lot of operating outside the contest. He made another 6000 QSO's and I made 600. That certainly is evidence of who operated and who played on the beach. Dave also did most of the operating in the contest. I just relieved him occasionally and gave him a couple of sleep breaks. I think he might be the Energizer Bunny of Ham Radio.

Well, by now, you should have the idea that we had a great time. In fact, the day before we were scheduled to leave we desperately tried to change our flights to stay an additional 2, 3 or 4 days. But, all flights were full from Provo to Miami. So we reluctantly had to leave.

I took a number of pictures that are now on the web site that Dave's daughter, Tammy, was kind enough to prepare for us at www.celticdreams.net/vp5v. If anyone has interest in visiting Bud's La Villa Rose, contact me. Of course, I have no financial or business interest in the Villa.

CQ WW WPX – SSB Contest Summary

Call: VP5V Operator(s): W5AO, K5TT
Station: VP5V Class: M/S Power: HP
QTH: CAICOS Operating Time (hrs): 48

QSO's Per Band Summary:

160 Meters:	Ø	80 Meters:	Ø
40 Meters:	251	20 Meters:	1651
15 Meters:	1605	10 Meters:	3144

Total: 6651 x 1189 = 21,742,054

Club: OKLAHOMA DX ASSOCIATION

Equipment Used:

VP5B Station - FT-1000MP, ALPHA 87,
BENCHER SKYHAWK TRIBANDER,
CUSHCRAFT 40-2CD, 75 FT TOWER
— K5TT

(Editor's Note: I worked VP5V near the end of the contest, and I wanted to thank Dave for calling me 'Allen'... Up all night, eh? Congrats & Well Done, OM! — AC5UP)

OPDX Bulletin - Internet Edition

The Ohio/Penn DX PacketCluster
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, OH

3DA, SWAZILAND

Frosty, K5LBU and his daughter (stateside call not mentioned) will arrive on July 5th or 6th and be active as 3DAØCF and 3DAØEW respectively. Activity will be SSB for two nights and three days between touring from Piggs Peak at the Highlands Inn Hotel. Also, listen for them to be operating mobile from ZS-land.

4O8, KOSOVO (Yugoslavia)

After two years of being QRT, Andy, RW3AH active again as 4O8/9XØA from Pristina, Kosovo. Andy seems to be the only active operator from Kosovo and will stay in this area until next year. He is usually active on 20 Meters from 0300-0500z/1600-2300z around 14195 kHz (SSB) and 14007 kHz (CW). QSL via Andy's home call RW3AH: P.O.Box-899, Moscow 127018, Russia. They are also looking for any donations (R7, R8 or AV-640 antenna) for the 4O8/9XØA operation. E-mail to: ua3aa@qsl.ru

4U1UN, UNITED NATIONS HQ

Fritz, DL4TT will be in New York City from July 27th to August 20th and will try to operate from the UN headquarters club station. The exact dates will be announced on the PacketClusters. The mode will be CW with emphasis on "weak stations" and Fritz asks to "Please avoid any dupes. If you have logged the same band and mode at an earlier opportunity, give others a chance! As in the past, QSL'ing of 4U1UN will not be in the hand of the individual operator."

4W, EAST TIMOR

Antonio, 4W6GH continues to be the most active station here, usually on 20, 17 & 15 Meters SSB / RTTY. He spends a great deal of time on the air between 1300 and 1630z. QSL via CT1EGH.

Plans for the Low HF Band East Timor operation in early October are underway by Dennis, K7BV. Made, YB9BV and a well known USA Low Band operator (identity will be announced soon) will join Dennis in this effort to make 4W available on 40, 80 and 160 Meters for over a week. Special antennas for the operation are being constructed at this time. QSL via KU9C. For up-to-date info, visit Dennis's Web page at: <http://www.qth.com/k7bv/>

4X, ISRAEL

Dave, W5WP will be here July 2-20th operating from the QTH of 4X6RD as 4X/W5WP. His initial operation will be on 10, 15 and 20 Meters SSB, CW and possibly PSK31. All QSL's including SWL will be answered; direct via CBA with SASE. QSL Bureau is fine. Please DO NOT send cards to the Israel bureau!

7P8AA LESOTHO DXPEDITION 2000

Hans-Juergen Bartels, DL1YFF leader of the 7P8AA DXpedition to Lesotho wants to remind everyone that the 7P8AA DXpedition will take place in July. They will leave Frankfurt on July 2nd, return July 23rd, and plan to be on the air from 160-6 Meters SSB, CW and RTTY. Their web site is: <http://www.qsl.net/7p8aa>

AX, AUSTRALIA

The Wireless Institute of Australia Federal President, Peter Nash VK2BPN, received confirmation from the Australian Communication Authority that Australian radio amateurs may use an optional "AX" prefix to commemorate the Sydney Olympic and Paralympic Games from 15 June 2000 to 2 November 2000 inclusive.

BY, CHINA

Fred, WF6Z will be here now through August 15th as a member of the American K2 North Ridge Expedition climbing team. He will also operate from the K2 camp base in the Xingiang Province as BTØQGL. Listen for activity on 40, 20, 15 and 10 Meters. QSL via K6EXO.

C6, BAHAMAS

Joe, W8GEX; Ron, WA8LOW; Mike, N9NS; and Mike, K9AJ will be active from Berry Island, Bahamas (NA-054) from July 28-31st. Activity includes the IOTA Contest with two stations active on 40-6 Meters, CW/SSB. The team will sign C6DX during the contest and C6AJR outside the contest. QSL to W8GEX.

ES8, ESTONIA

Listen for the special call **ES8SC** to be active June 1st through August 31st for the Summer Capital Award. No details given.

FR5/T, TROMELIN

Erwann, F6JJX Lyon DX Gang Secretary, reports the dates are now set for August 1-16th. He states, "All administrative papers have been granted to us." However, the team is asking for further financial support from individuals and associations. They face a rise in the transportation costs and some added costs of about \$17,000 USD. Erwann states, "We had to overcome administrative problems before gaining the landing permission as the weather station will soon be automated with no humans allowed on the island. This island is a nature reserve and this clearly means our DXpedition could be the last for a long time". If you wish to help them, donations can be made to the Lyon DX Gang's Treasurer Eric Blanchard, F5PXT, or you can send directed contributions to NCDXF (make a note on the check it's for the FR/T DXPEDITION). For more details, visit: <http://perso.easynet.fr/~f6jjx/>

GH, JERSEY

Chris, G0WFH will be here August 12-22nd using the rare "International Short Wave League" (ISWL) club call sign **GH4BJC/P**. This is a QRP trip for SSB only using an Elecraft K2 running batteries from the north side of the island called Devils Hole. Suggested frequencies are: 3685 (at 1500z, ISWL Net on Sat & Sun), 14280, 18130, 21280, 24930 and 28450 kHz. Check his Web page for details at: <http://www.qsl.net/g0wfh/g0wfh>

J3, GRENADA

Harry, W8KKF will be active as **J37K** for the IARU HF World Championship Contest, July 8th through July 9th.

J7, DOMINICA

George, K5KG plans to be active here July 1-11th and participate in the IARU Championship Contest. No call mentioned.

KH0, MARIANA ISLANDS

Aki, JH3EQP and Tai, JE3EJC members of the Osaka DXpedition Lovers Group (ODXLG), will be active from Saipan Island, Northern Mariana (IOTA OC-086), between July 20-22nd (activity will finish around midnight UST on the 22nd). They will be listening for NA, SA, EU, AF, OC, West and South Asian stations using SSB,

CW, SSTV and PSK31 on 80-6 Meters. QSL via the bureau or direct.

M0, ENGLAND (KH0AS QRT)

Mike, KH0AS has shut down and leaving Saipan after thirteen years on the island. He and his family are moving to G-land where he expects to reactivate M0ALW this fall. Jim, WB4UBD, holds copies of Mike's logs starting with September 1997. Confirmations of any prior contacts will have to wait until Mike gets settled in.

OD, LEBANON

Jean Paul, F6FYA will take down the 40m antenna at **OD5/F5SQM** and will install a long wire on 80 and 160 Meters. He will be there for the next 3 months.

ST0, SUDAN

Wayne, K8FF reports Geoff, 5B4YY has recently received a license to operate from Khartoum, Sudan as **ST0P** (read ST zero P). Geoff has been heard on 20 Meters in the evening (U.S. time) with good signals. He is using an IC-746 and G5RV with plans for a quad loop. For more info visit his web site at: <http://qsl.net.5b4yy> QSL via 5B4YY. This station DOES NOT count from the Southern Sudan as it was deleted from the DXCC list years ago.

TF, ICELAND

Ed, G3SQX will operate as **TF/G3SQX** (EU-021) from July 28th and August 6th, including the IOTA contest (24 hour CW section). His activity will be CW only on as many HF bands as possible. Ed will use 100w and a variety of antennas and hopes to give everyone a multiplier. QSL via G3SQX. Visit: <http://www.G3SQX.net>

V6, MICRONESIA

"The DX News Letter" reports that Ted, K8AQM (V63KR), Brian, KG8CO (V63KP), and Dave, K8AA (V63KQ), will be active from June 28th through July 12th on 160-6 Meters with an entry as **V63X** in the IARU HF World Championship.

VK9C, COCOS KEELING ISLANDS

Wal, VK6KZ and Don, VK6HK will be here between October 21st and November 4th. Their calls will be **VK9CK** (VK6HK) and **VK9CZ** (VK6KZ). The primary mode will be 50 MHz SSB/CW (conditions permitting) with 28885 kHz available for liaison. HF operation on 7-28 MHz will be explored if 50 MHz conditions are poor.

VP2E, ANGUILLA

Jim, WB2REM will be active using a "four letter suffix" callsign **VP2EREM** from July 1-12th and will operate 160-10 Meters. QSL via WB2REM.

VP5, TURKS & CAICOS ISLANDS

Listen for Carlo, I4ALU to be active from Jody's VP5JM QTH on the Providenciales as **VP5/I4ALU**, August 14-28th. Activity will be on all HF bands CW only. QSL via I4ALU.

VQ9, CHAGOS ISLANDS

Dale, W4QM will be active as **VQ4QM** from Diego Garcia for 4-5 months starting in mid to late July, mainly CW. QSL via W4QM.

XV, VIETNAM

The ham radio district numbers in Vietnam have recently changed. Ho Chi Minh City is now "District 2" and Hanoi is "District 9". Rolf, XV7SW, and Torsten, XV7TH, who recently renewed their licenses were informed on June 13th they are now **XV9SW** and **XV9TH**. No map of the new districts is available at the Vietnamese PTT, which also reported that district No. 1 is not in use at present.

YL, LATVIA

"The 59(9) DX Report" reports that Eric, SM1TDE, will sign **YL/SMTDE** from July 17-22nd on 160-2 Meters and concentrate on the WARC bands and CW. QSL via SM1TDE, prefer via SM bureau.

ZK1, SOUTH COOK ISLANDS

Mark, KM6HB will be here July 10-17th. He will be operating on 40-10 Meters with emphasis on RTTY. Call to be announced on arrival. QSL via KM6HB.

IOTA NEWS

AS-056 Masa, JA6GXK will be active from Danjo Archipelago (Meshima Island) during the following dates: June 30th-July 11th, August 22nd-September 1st, September 12-22nd and October 13-24th. This will not be a DXpedition and he will operate during his spare time. Suggested frequencies are: 14260 +/-10kHz, or 21260 +/-10kHz. QSL via Bureau only.

EU-008 Dr. Jorge Fernandez Devesa, EC1BXI will provide medical service to the residents of Ons Island (IDEA EA1-1-3) and operate as **EF1ONS** (QRP) during July 1-30th. He is not sure if he will be on the air regularly as that depends on his patients. Listen for him on 21200 kHz (QRP) with his Yaesu FT-7 at 1400 or

2000z. He will also operate 10, 15, 40 & 80 Meters, but his license is restricted to the following range of frequencies:

CW/SSB - 28900-29100, 21150-21200
and 3600-3700 kHz

CW - 28100-28150, 21100-21150, 7020-7030 and 3550-3600 kHz

Other operators at EDIONS may be active on other bands with full HF privileges at 100 watts. Jorge will move to the Cies Islands in August (Monteagudo also called North Cies). Listen for **ED1OTA** or **EF1OTA** with the same band & power restrictions. He will try to operate from the Isla Sur Cies, or San Martin (Southern Cies Island) which have never been on the air and count as EU-080 and IDEA EA1-1-2 (New one for IDEA award). QSL via Jorge Fernandez Devesa, P.O.Box 54, 36980O Grove, (Pontevedra) SPAIN, EUROPE for both operations.

EU-157 Gaby, F5PSI and Laurent, F5PSG will be active from Cezembre Island from July 14 to 15th.

NA-NEW Operators Rick, KL7AK; Blaine, KL7TG; Larry, KF6XC and Tom, WØGLG will activate the Kudiakof Islands of the Northern Alaska Peninsula West group that are not a numbered IOTA island group. They have already sent maps to the IOTA Committee and have verified that these islands will count as a new IOTA island. The team plans to be on the island late in the evening of August 4th (UTC) until early August 9th. Listen for **KL7AK**. Rick reports that 20 Meters is the optimum band in Alaska and will operate mainly on or near the IOTA frequency of 14.260 MHz. QSL via N6AWD.

NL7, WRANGELL ISLAND, ALASKA Listen for Don, NL7QT to be active QRP during the month of July (actually June 26th-August 1st). Wrangell is IOTA NA-041 in the Alexander Archipelago. Don will spend most of his time on 40 Meters. He states, "I will start calling at 9:05 pm Alaska time (0505Z) on 7140. If busy, I will try 7145 until 7140 is clear. Don monitors 7140 kHz on a separate receiver. QSL via the Bureau.

CONTEST ANNOUNCEMENTS FOR THE 2000 RSGB IOTA CONTEST

Bill, NG3K reports the "RSGB IOTA Test Announced Operations" Web page is now available. It covers operations announced for the July 29-30, 2000 contest, as well as related operations outside the contest. See

<http://www.ng3k.com/Misc/iota2000.html> for regular updates. If you would like to have your contest operation added to the list, just send the full particulars (Call sign to be used; DXCC Entity; IOTA number; QSL Info; Operators call signs; Other information of interest) to Bill's E-mail address at: wfeidt@cpcug.org

MISCELLANEOUS NEWS

5H3US, NEWS RELEASE

Dave Heil, K8MN active for the past two years as 5H3US in Dar es Salaam, Tanzania, is pulling the plug on a decade-and-a-half of DXing and contesting which resulted in over 230,000 QSOs from various spots. Dave and his Finnish XYL Leila will spend the next month relaxing at their rural West Virginia home and Dave promises that a book on his travels is in the works. Dave's ex-calls include OH2 and OHØ/K8MN, J52US, 9L1US and A22MN. He was also a member of the 1986 OHØMD/OJØ team, which featured OH2BH, OH2BAZ, OHØMA, OHØRJ, W6EUF and K8MFO.

NEW DXCC 15 METER AWARD

June 16, 2000

For Further Information Contact:
Bill Moore, NC1L

DXCC is pleased to announce the addition of a 15 Meter single band DXCC award. Beginning June 1, 2000, DXCC printouts have been set to reflect credits on 15 Meters. The start date for the new 15 Meter DXCC award will be July 1, 2000. 15 Meter DXCC certificates will be dated but not numbered. Deleted entities do not count towards this award. Those who have an active 5 Band DXCC which was processed prior to DXCC computerization and do not have 100 entities in the computer (on 15 Meters) will be allowed to submit enough credits on that band to bring the computerized record to the first 100 needed for this award with no per QSO fee. Simply include postage and the award fee. The award fee is \$10. Please note your 5 Band DXCC award number and original issue date on the application form in the block specified.

If you do not know what credits you have on 15 Meters, you should contact DXCC for an updated report, prior to submitting further credits. This will help both you and DXCC in that it will avoid duplicates and additional costs, since QSL costs over the limits noted in DXCC Rule #15 are \$0.15 per QSO. If you have web access and can

handle ADOBE (.pdf) files, contact DXCC at dxcc@arrl.org for a copy of your record. If you do not have web access, please send a note to DXCC along with \$1.50 for postage or an SASE with \$1.50 in postage. If you have not submitted since the later portion of 1991, your records are not in the computer, and an SASE with valid postage is required for a hard copy.

Please contact DXCC for any comments and/or questions relating to these new awards at dxcc@arrl.org

DXCC NEWS

John Kanode, N4MM reports that "On June 1, the 15 Meter column on your DXCC record was opened up and should appear on all records sent out from that date on. Some of you may already have records with the 15 Meter info on them. On July 1, the Single band 15 Meter award will be available. There is no rush to apply due to the fact that the 15 Meter single band DXCC will be like the 20 meter one, they will not be numbered. The 15 Meter single band DXCC totals will not be included in the De Soto Cup award this year. The De Soto Cup for this year will be the 160, 80, 40, 20, 10 and 6 Meter totals. Hopefully 17 and 12 Meters will be added at some time in 2001. It depends on the backlog at HQ. The ARRL staff checked 14,800 cards at Dayton. The new DXCC list is in production and will be available by late August or early September."

QUEEN AMAZONA DXPEDITION

A Colombian team will activate 5K9AQ in celebrating the "Queen Amazona 2000 DXpedition", a very long trip along the Amazona River of 3-4 months. The 5K9AQ station will be active all year long and plans to participate in the "Colombian Independence Day" contest in July. QSL via HK3PXA: Roberto Rey, P.O. Box 101939, Bogota, COLOMBIA. A picture of the QSL card will be posted on Buckmaster and QRZ very soon. For info, visit: <http://www.amazonqueen2000.com>

SPECIAL EVENTS

The Old Barney ARC will celebrate "National Light House Day Weekend" as N2OB from "OLD BARNEY" the Barnegat Lighthouse, Long Beach Island, NJ (IOTA NA-111, USI NJ-001S) on August 5th and 6th from 1300-2300z each day. Suggested frequencies are: 7265, 14265, 21365, 28465 MHz. QSL via N2OB, PO Box 345, Tuckerton, NJ 08087

USA. Send 9"x12" SASE with appropriate postage for a certificate with your QSL.

(Editors Note: And don't forget to ask if the greenheads are hungry! —AC5UP)

Listen for special event stations **EO225E**, **EO225EA**, **EO225EJ**, and **EO225EL** to be active on all bands until August 27th to celebrate the 225th anniversary of the city "Krivoy Rog". If you make contact with three of these stations (dupes are valid on different bands or modes) you will receive the "Krivbass Award" (for 5 USD or IRCs). QSL's for all stations are via UT1EJ (Yuri Arkhipov, P.O. Box 101, Krivoy Rog, 50071 Ukraine).

UARL ANNOUNCEMENT

The Ukrainian Amateur Radio League (UARL) reports the Ukrainian National Team will use the call **EMØHQ** during the HF Word Championship 2000. The UARL has established the "UKRAINE-2000" award which will be given only for contacts with **EMØHQ** during the IARU Contest. They will send this award via the QSL Bureau free of charge. QSL via UX2MM. The requirements are as follows: For DX- contact on 2 or more bands; for EU- contact on 4 or more bands. There is no award application, just log **EMØHQ** and QSL with QSO info.

9M2 6 METER BEACON

The Malaysia Amateur Radio Transmitting Society (MARTS) have improved their PENANG 6M Beacon. The frequency is 50.005 MHz running 10 watts into a 5/8 wave GP. The beacon is running 24 hours with NO BREAK (continuously) sending the message "9M2TO/B QTH PENANG OJO5dj". The members of MARTS are waiting for QSN reports and checking the DX-SUMMIT. The following are active 9M2 stations on 6 meters: 9M2NK, 9M2KT, 9M2KE, 9M2XA, 9M2TO, 9M2JKL, and 9M2/JI1ETU.

VK, AUSTRALIA

According to "The 59(9) DX Report" the Australian Communications Authority will reallocate 3776-3800 kHz to VK amateurs as of January 1, 2004.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW / OPDX / BARF80 receive credit.

ARRL CONTEST CALENDAR

Reprinted with permission from QST Contest Calendar — K5TR, Editor

WEEKEND OF JULY 8-9

IARU HF World Championship

See April *QST* page 106.

QRP ARCI Summer Homebrew Sprint

Sponsored by QRP ARC International 2000-2400Z July 9, CW only. Entries may be single band, all band, high band or low band. Work stations once per band. Exchange signal report, state / province / country, and QRP ARCI number if member. 2 pts for nonmembers same continent, 4 pts for nonmembers different continent. Bonus points awarded for using homebrew (HB) equipment. 2000 pts for HB transmitter, 3000 pts for HB receiver, 5000 pts for HB transceiver. Final score is total of QSO points multiplied by total of states / provinces / countries × power multiplier (>5 W output, × 1; <5 W output, × 7; <1 W output, × 10; < 250 mW output, × 15) plus bonus points. Send QRP ARCI contest entries within 30 days of contest date to: Randy Foltz, K7TQ, ATTN: Spring QSO Party, 809 Leith St, Moscow, ID 83843; e-mail to: rfoltz@turbonet.com; or visit: <http://www.qrparci.org/>.

CQ WW VHF Contest

Sponsored by *CQ Magazine*, from 1800Z July 8 until 2100Z July 9. 6 and 2 Meters, Single op all band and single band, multi-op, Rover, QRP (<25 W). Send grid square. Score 1 pt/QSO on 50 MHz; 2 pts/QSO on 144 MHz. Work stations once/band, regardless of mode. Do not transmit on 146.52 MHz simplex or on repeaters to either make or solicit contacts. Final score is QSO pts × grid squares worked/band. Awards. Send logs by Aug 31 to CQ VHF Contest, *CQ Magazine*, 25 Newbridge Rd, Hicksville, NY 11801. E-mail electronic logs to cqvhf@kkn.net. ? to questions@cqww.com; <http://www.cq-amateur-radio.com/vhfcontest.html>.

WEEKEND OF JULY 15-16

Six Club Six-Meter Sprint

Sponsored by the Six Club, 2300Z July 15 to 0400Z July 16, 6 Meters only. Count 1 point / QSO within your country; 2 points / QSO outside of your country (KH6 and KL7 count as countries). Final score is the total QSO points times the number of different grid squares worked. Awards. Mail logs before August 17 to Six Club, PO Box 307, Hatfield, AR 71945;

sixclub@6mt.com;
<http://6mt.com/contest.htm>.

Pacific 160-Meter Contest

Sponsored by the Wireless Institute of Australia 0700-2330Z July 15, 160 Meters phone and CW. World works P2, ZL and VK only. Single operator and SWL. CW and SSB. 1825-1850 kHz. Exchange RST and serial number. Count 5 points for each P2, ZL or VK QSO. Multipliers are P2, ZL and VK call areas. Score is total QSO points × total multipliers. To avoid QRM between modes, stations are asked to operate in 15 minute blocks - CW on the hour and hour + 30 minutes; SSB on the hour + 15 minutes and hour + 45 minutes. Logs by Aug 31 to Ian Godsill, VK3DID, 57 Nepean Highway, Aspendale, 3195, Australia; vk3did@eudoramail.com

North American QSO Party, RTTY

sponsored by the National Contest Journal. 1800Z July 15 to 0600Z July 16. Single op and multi-two. Single Operator stations may operate 10 out of 12 hours. Off times must be at least 30 minutes in length and must be clearly marked in the log. Mode: RTTY only. 80, 40, 20, 15 and 10 meters only. You may work a station once per band. Exchange operator name and station location (state, province or country). One point for each valid contact. Multipliers include US states, including KH6 and KL7, Canadian Provinces and other North American countries. Do not count USA, Canada, KH6 or KL7 as countries. Non-North American countries do not count as multipliers, but may be worked for QSO credit. Scoring: Multiply total valid contacts by the total number of multipliers worked on each band. Logs to Ron Stailey, K5DJ, 504 Dove Haven Dr, Round Rock, TX 78664-5926; rttynaqp@ncjweb.com; <http://www.ncjweb.com>

WEEKEND OF JULY 22-23

Georgia QSO Party

Sponsored by SECC and SEDXC. Two periods: from 1800Z July 22 to 0359Z July 23 and 1400Z July 23 to 2359Z July 23. All stations may operate the full 20 hours. Phone and CW. 80 40 20 15 10 Meters. Single Op, Multi-single, multi-multi, rover and Novice / Technician in each of three power levels: QRP, low power (150 W or less) and high power (more than 150 W). Rover requires operation from at least 6 Georgia counties. Mobiles and portables must move the complete station, including antennas, at least 100 yards to change

counties -- no county line ops. Rovers submit logs and summary sheets for each county plus an overall summary sheet. Work stations once per band and per mode. Multipliers count on each mode. Exchange RST and Georgia county, state, province or "DX". Count 1 point per phone QSO; 2 points per CW QSO. Multipliers are Georgia counties (159 per mode); for Georgia stations multipliers are 50 US states, 11 VE provinces on each mode. Awards. Mail logs by August 22 to Neal Sulmeyer, K4EA, 530 Old Doss Dr, Canton, GA 30114-8057

k4ea@contesting.com;
http://secc.contesting.com/

WEEKEND OF JULY 29-30

RSGB Islands-On-The-Air Contest

Sponsored by the RSGB, 1200Z July 29 to 1200Z July 30. 80 40 20 15 10 Meters, phone and CW. Single op, phone / CW / mixed; single op limited, phone / CW / mixed; multi-single island stations. Single op limited stations may operate 12 hours max. Send RS(T), serial number and IOTA reference number. If applicable, island stations may send IOTA number. Work stations once per band and mode. Score 2 pts/QSO w/own country or IOTA reference, 15 pts/QSO w/IOTA stations, and 5 pts/QSO w/others. Final score is QSO points × IOTA numbers worked per band/mode. Awards. Send logs by August 31 to RSGB IOTA Contest, PO Box 9, Potters Bar, Herts EN6 3RH, England; iota.hf.contests@rsgb.org.uk; <http://www.g4tsh.demon.co.uk/HFCC/Rules-2000/iota.htm>.

Flight of the Bumblebees QRP Contest

Sponsored by Adventure Radio Society, CW only, July 30 1800-2200Z. Operate all 4 hours. Five W or less on 40, 20, 15 and 10 Meters. Both home-based and portable operation encouraged. Group operation is welcome in the Flight of the Bumblebees. You may operate under a single call and report a single score, or under multiple calls and report multiple scores. You are

limited to operating a single transmitter at any time. If you are a Bumblebee, your exchange is RST, state / province / country and your Bumblebee number. If you are home based, your exchange is RST, state / province / country and power. Contacts on 40 Meters are 1 point each; contacts on 20, 15 and 10 Meters count 2 points. Contacts with Bumblebees count ×3. Work stations once per band. Send your log to Russ Carpenter AA7QU, 47227 Goodpasture Rd, Vida, OR 97488; russ@natworld.com; http://www.natworld.com/ars/pages/bumblebees/bb_rules.html.

JULY & AUGUST SUMMARY (Courtesy of Bruce Horn, WA7BNM)

JULY 2000

RAC Canada Day Contest	0000Z	-	2359Z, Jul 1
Venezuelan Ind. Day Contest, SSB	0000Z, Jul 1	-	2400Z, Jul 2
MI QRP Club July 4th CW Sprint	2300Z, Jul 4	-	0300Z, Jul 5
IARU HF World Championship	1200Z, Jul 8	-	1200Z, Jul 9
WRTC 2000	1200Z, Jul 8	-	1200Z, Jul 9
CQ Worldwide VHF Contest	1800Z, Jul 8	-	2100Z, Jul 9
QRP ARCI Summer Homebrew Sprint	2000Z	-	2400Z, Jul 9
Pacific 160m Contest	0700Z	-	2330Z, Jul 15
North American QSO Party, RTTY	1800Z, Jul 15	-	0600Z, Jul 16
Six Club Sprint	2300Z, Jul 15	-	0400Z, Jul 16
Colombian Ind. Day Contest	0000Z	-	2400Z, Jul 16
Georgia QSO Party	1800Z, Jul 22	-	0359Z, Jul 23 and 1400Z - 2359Z, Jul 23
Venezuelan Ind. Day Contest, CW	0000Z, Jul 29	-	2400Z, Jul 30
Russian RTTY WW Contest	0000Z, Jul 29	-	2400Z, Jul 30
IOTA Contest	1200Z, Jul 29	-	1200Z, Jul 30

AUGUST 2000

10-10 Int. Summer 0001Z, - 2400Z,

Contest, SSB	Aug 5	-	Aug 6
European HF Championship	1000Z	-	2200Z, Aug 5
North American QSO Party, CW	1800Z, Aug 5	-	0600Z, Aug 6
ARRL UHF Contest	1800Z, Aug 5	-	1800Z, Aug 6
YO DX HF Contest	0000Z	-	2000Z, Aug 6
QRP ARCI Summer Daze SSB Sprint	2000Z	-	2400Z, Aug 6
WAE DX Contest, CW	0000Z, Aug 12	-	2400Z, Aug 13
W/VE Islands Contest	1600Z, Aug 12	-	2359Z, Aug 13
Maryland-DC QSO Party	1600Z, Aug 12	-	0400Z, Aug 13 and 1600Z - 2300Z, Aug 13
SARTG WW RTTY Contest	0000Z	-	0800Z, Aug 19 and 2400Z, Aug 19 and 1600Z, Aug 20
ARRL 10 GHz Cumulative Contest	0800 local	-	2000 local, Aug 19 and 0800 local - 2000 local, Aug 20
Keyman's Club of Japan Contest	1200Z, Aug 19	-	1200Z, Aug 20
SEANET WW DX Contest, CW/SSB	1200Z, Aug 19	-	1200Z, Aug 20
Oregon QSO Party	1400Z, Aug 19	-	0400Z, Aug 20
North American QSO Party, SSB	1800Z, Aug 19	-	0600Z, Aug 20
New Jersey QSO Party	2000Z, Aug 19	-	0700Z, Aug 20 and 1300Z, Aug 20 - 0200Z, Aug 21
TOEC WW Grid Contest, CW	1200Z, Aug 26	-	1200Z, Aug 27
SCC RTTY Championship	1200Z, Aug 26	-	1200Z, Aug 27
Ohio QSO Party	1600Z, Aug 26	-	0400Z, Aug 27

Successful DX'ers start early and stay late!

Want to become a member of the OKDXA? Contact Jerry Chouinard, K5YAA, 7477 Heather Dr. Claremore, OK 74017

Have some DX News? Contact Nelson Derks, AC5UP, 13410 South 128th East Ave. Broken Arrow, OK 74011

E-Mail to: k5yaa@aol.com or kc5qv@gte.net - Visit the OKDXA Web Page <http://www.qsl.net/okdxa>

OKDXA NET ⇒ EVERY MONDAY EVENING AT 6:30PM ⇐ 3860 kHz +QRM

Ada Amateur Radio Club

Summer has arrived, the Ada Amateur Radio Club's meeting was held June 3, 2000, at the Salvation Army Headquarters, on Oak Street. President Steve, KD5DKZ, called meeting to order at 0915 with 17 people in attendance. The financial statement was passed around and was accepted and seconded by the members.

Old business / new business:

The plans for Field Day were discussed again. Hope to see everyone at Field Day, Saturday June 24, 2000. It will be held at the airport, south of the National Guard armory. Cable One has let the club use 2 poles and tripods. Criswell Funeral Home has once again given us use of their tent, as they have for several years now, we really appreciate the use, especially in the 90+ temps or those June showers.

Dayton hamfest was attended by some of the club's members, Steve, KD5DKZ; Marie, KD5EXM; and George, KC5UAF; all said the hamfest was great with around 500 vendors inside and 750 outside.

We want our thoughts and prayers to be with Mason Smith, WT5X; his wife passed away.

We want our thoughts and prayers to be with Tom Gillum, KK5XI; wish him a speedy recovery from his heart surgery.

Meeting was adjourned at 1014. VE session held after the meeting. Congratulations: Vonda Trimble, K5VON; Extra Class, Robert Neman, WB5SBC; General Class.

Wish everyone a safe and happy summer,

Ada Amateur Radio Club Secretary
Darla Coffey, KC5RGU

Ham Business: Industry And ARRL Meet In Dallas

The second meeting of the ham industry with the ARRL took place at the Dallas Ham Com convention on Thursday evening June 8th. We have this report:

If the ham industry meeting a few months ago in Milwaukee was a love-fest, then the meeting in Dallas on June 8th might best be characterized as a newly-wed couple having their first spat.

And while nobody is willing to talk on-the-record, the problem appears to be at the level of the retail dealers rather than higher up the ham radio distribution chain.

Simply, retailers are looking for two things. With business far from good, first and foremost they are looking for a way to eek out enough profit so as to pay the mortgage on their home, put food on the table and send the kids through college. Some probably came to the Dallas conclave expecting to find some instant solution to their business woes and were put off when nothing really new was offered.

The dealers also appear to have another problem. That of finding something in common with the rest of the ham radio industry. They see themselves as being on the front-line. Having to battle for their very survival while distributors, importers, magazines and even the ARRL have some level of insulation from the problems that they have to face day to day.

Finding some common bond between the dealers and the rest of the industry will become a paramount issue in the months, years and meetings to come.

This Dallas gathering also brought with it the realization that there is a big difference between the wants, needs and desires of the ham radio retail community and the political arm of the hobby. The latter as represented by the American Radio Relay League.

Several of those we spoke with say that the retailers were less than enthusiastic about having the League as a player. But

at the upper levels in the ham radio supply chain it is understood that only by working together can all in ham radio; and this includes radio amateurs like you and me, can all hope to prosper. Also, that this prosperity will eventually reach the retail level if the dealers can show a bit more patience and wait for restructuring take root. Once it does experts say, ham radio should once again begin to grow and everyone will benefit.

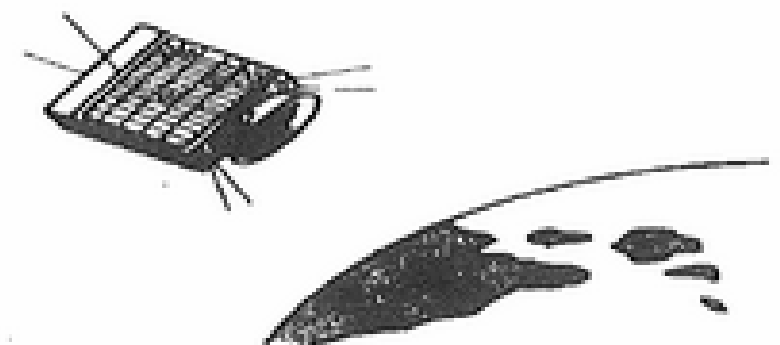
The Dallas meeting was hosted by Evelyn Garrison, WS7A and Gordon West, WB6NOA. These are two names well known inside and outside the ham radio industry. ARRL President Jim Haynie, W5JBP, along with Rosalie White, WA1STO and Jennifer Hagy N1DTY represented the League.

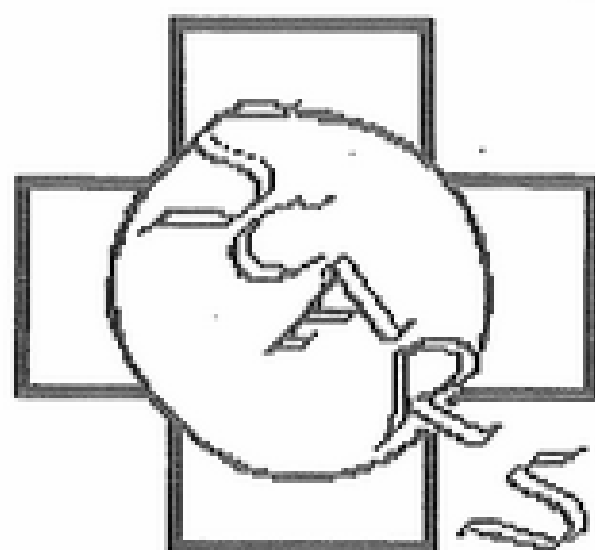
For Newline I'm Bill Pasternak, WA6ITF.

The next meeting between the ham industry and the League is scheduled for the Huntsville Hamfest in mid August. (Newline)

International: VK AMSAT News Closes Down

From down under, word from the VK6 Radio Amateurs Old-timers newsletter, VK5AGR ceased publication of the Monthly AMSAT Australia news letter with issue 180 on April 9th. Graham began publication of this newsletter in April of 1985 as a means of keeping those Australia hams interested in Satellites informed while generating income for AMSAT through donations to the newsletter. VK5AGR will still retain the AMSAT Australia post office box in and will also continue to distribute software. He will also act as a central contact point for AMSAT Australia. (AMSAT-VK, Q-News)





South Canadian Amateur Radio Society

Norman, OK

President Tom Miller, KD5ENL called the meeting to order and introductions were made. We totaled 42 attending by the time it was over. Another very good turnout.

Jeff, KT5OK gave the Treasurers report and we are still doing well. Ken, N5BEW arrived just in time to give a repeater report. Our "in-town" minus offset link is down. The receiver is ok but its way down on power out to the main site. A replacement PA is being sought. On top of everything else our UHF repeater, although working just fine is being bombarded with RF from a close by SWB machine and will probably be moved as soon as possible.

We had no CORA report as no one in attendance had gone to the meeting. So refer to the C&E that just came for the latest.

Jeff, KT5OK has pledged some needed changes to the Cleveland County Skywarn system. As we enter our seasonal storm period he wants to make sure that the SCARS repeater is used properly at times of threatening local weather and supplements the Wx link system of the NWS which covers most of the state. He refers us to the Skywarn page on the Internet and specifically the Operational Plan delineated there. This is what we need to follow and the use the repeater is to be put to.

Field Day was discussed. We should be OK on equipment but always need manpower to set up, operate and break down. With all the recent upgrading there will have to be some new faces for the Novice/Tech station. We'll set up at 8 AM

at Reeves Park Saturday, June 24th, start operating at 1PM. We'll have a good-ol cookout at 6PM that evening and operate till 1PM Sunday the 25th.

New member Harold Black KD5IFN let us know of plans for an ARES SAR drill this fall, possibly in October out near Lake Thunderbird.

With regret to report that Tom KD5ENL and Louis KC5ABI have both lost daughters to illness recently. Our sympathies and thoughts are extended to them.

Our VE team was once again very busy and the meeting was adjourned at 10:15

Bill
N5UMH

At the Saturday May 13th session the VE team tested/processed 15 applicants who took 16 elements. Results were 5 new Techs, 6 upgraded to General (4 were pre-1987 Techs) and 1 to Extra. They will continue a pre-registration only policy for applicants through the June 10th session.

June 10, 2000

The meeting was delayed a few minutes when a quest exited the building through one of the fire exits setting off the security alarm. This resulted in a call from the Security Service and a visit from the OU PD. Members are reminded not to use the fire exits. Entrance and exit only through the front door.

Attendance was down (28) as a lot of members went to HamComm in Dallas. Therefore no Treasurer's report, repeater report or Secretary to take minutes. Actually things went pretty well.

CORA discussions continued on Ham Holiday. We will have an allotment of tickets we can sell from our location at the back where the goodies come in. This is for customer convenience. They will no longer have to go to the front then return to us for a table assignment. We will continue to color-code and number the tables. Ham Holiday will be in the Made in

Oklahoma Building this year. President Tom, KD5ENL has the floor plan for the building for layout of the tables. Members to help with this when the time comes will be very welcome.

Jim Copeland NW0K reports work is now being done on the upgrades and tests from April 22 and May sessions. Jim also had a suggestion that we put together a FAQ of sorts to answer questions that many of the new hams might have along with a list of potential "Elmers" that would be glad to offer some advice. Good Idea.

Our field day will have come and gone by the time this is published. We'll be in Reeves Park as usual. The pavilion has been rebuilt and hopefully will still be big enough for us.

We also welcomed 3 new members:

James Mathews KD5JPM

Earl Mixon N5MAF

Andy White K4CAU

Andy is an Extra Class who will be helping the VE Team.

Bill Baker N5UMH Secretary

The Web: Handi Hams Audio Page

Meantime, the Handi Hams have added an Audio Page to their website to permit its users to hear some of the organizations files. Right now the only format available is Real Media, so you will need a Real Media player to listen in. You can get the player free of charge at:

www.real.com

The Handi Ham audio files are at:

www.handiham.org/audio.htm

(HamdiHams)

1631 SE 15th

677-9001



Bryan, Cindy, Jennifer and Jessica



A. R. R. L. Bulletins

From: ARRL Headquarters
Newington, CT
To: All radio Amateurs

Space Bulletin 004
June 14, 2000

Tentative Phase 3D Launch Date Reset
The Phase 3D Amateur Radio satellite will not launch until September at the earliest. Under the latest tentative Arianespace launch schedule, P3D now could go up on the Ariane Flight 507 as early as mid-September, but the launch could be as late as the end of October.

Arianespace recently announced a resumption of Ariane flights. Flight 507 had been on the schedule to go into space in July, but concerns over potentially defective thrusters had caused some major customers to delay flight preparations. AMSAT-NA President Keith Baker, KB1SF, called the Arianespace announcement "very good news" for the Phase 3D program.

The Phase 3D satellite is at the European Spaceport in Kourou, French Guiana, awaiting the start of its launch campaign.

Ariane space representatives met recently with Phase 3D representatives at AMSAT-DL headquarters in Marburg, Germany, to discuss preparations for the P3D launch campaign. The exact date of the Phase 3D mission's launch depends on the Ariane 506 launch, set for July, and the availability of the other satellites flying with P3D.

A launch contract, accepting Phase 3D as a payload for the first suitable Ariane 5 launch vehicle was signed last October.

Special Bulletin 10
June 29, 2000

Antenna Designer Louis Varney, G5RV, SK
Louis Varney, G5RV, who invented the world-famous G5RV antenna, died June 28. He was 89.

The G5RV multiband wire antenna for HF is among the most popular of all antenna designs. Varney first described the G5RV in the November 1966 issue of the RSGB Bulletin. He employed a full-size and a double-size G5RV, both fed with open-wire feeders, at his own station.

Varney remained an active radio amateur until very recently and kept regular on-the-air schedules. He was an RSGB member for 74 years and served as life president of the Mid-Sussex Amateur Radio Society.

His wife Nelida is among his survivors. Services are set for July 4 in Brighton, England.

More Amateur Radio Newline... DX

In DX, last weeks solar storm may have closed down some of the high frequency bands, but it also brought the world above 50 Mhz alive with all sorts of DX. For example, on June 9th Newlines neighbor Dave Booth, KC6WFS, in grid DMO4 woke up early to find stations from Nebraska, the Dakotas and even Connecticut barreling in with 5 by 9 plus signals on 6 meter SSB. Dave says the opening lasted a solid two hours.
(KC5WFS)

And John Moore W5HUQ in Arkansas reported over the VHF reflector that he took part in an opening to Europe. John says that at 21:57 UTC he heard IW5BZQ calling CQ on 50.107 MHz. He called him and the two held a brief QSO. John then called a CQ and was answered by G3LTF.
(VHF Reflector)

And on the other side of the big Atlantic pond, DL5MAE near Munich Germany says that he was part of a big 2 meter E skip opening the same day. Wolfgang reports that from about 14:30 to 17:30 UTC he held QSO's with forty-five stations from EA to CT and even CN prefix stations. In the process Wolfgang picked up three new gridsquares.
(VHF Reflector)

That Final Item: Surveying Mice
And finally this week, a story from down under that's not 100% ham radio but one we know you will enjoy. It has to do with a census now going on in Australia. Not of its people, but rather of its mouse population.

That's right, we said Australia is conducting a census of mice and some hams who are students appear to be involved. Here's Q-News Graham Kemp, VK4BB, with the squeaky details:

Students and members of CSIRO's Double Helix Science Club will take part in a nation-wide experiment to determine mouse populations across the continent.

The student experiment depends on the fact that mice are partial to canola oil.

Student volunteers are issued with a set of standard cards. These are soaked in canola oil, then left out overnight at 'mousy' sites. "The next day the cards are collected, and the amount of nibbling gives a fair idea of the resident mouse population,"

"The data from the cards will be sent back to CSIRO's rodent research team, and results will assist in developing computer models of mouse populations and maps of mouse hot zones."

Images are available and more information about Double Helix national experiments can be found at:

www.sciro.au/helix

Once Australia's mouse census is complete we hope that Graham will have a squeaky accurate follow up report.

(Q-News)

Clear Signal Products/ The Coaxman Specials for Ham Holiday July 28-29, 2000

RG 213/U True MIL SPEC C-17
\$0.49/PF

Super Low Loss Mini 8X - Double
Shielded TC Braid **\$0.30/PF**

Super Low Loss 4X L VHF Coax DBL.
Shielded TC Braid **\$0.55/PF**

New Product - RG 213
Tough PE Jacket
Direct Burial Cable
Good for 20 years
\$0.49/PF

12 AWG "Silky" tccs
Propagating Antenna Wire
\$0.18/PF

450 Ohm Ladder Line
#14 awg stranded
\$0.28/PF

1:1 Current Balun
Made by Spiro Mfg. 1.5 kw
\$21.00

Up Coming Events

July 28-29, 2000 Ham Holiday @ OK State Fairgrounds See Flier this Newsletter.

ANNOUNCEMENTS

VE exams on 3rd Monday of each month sponsored by C.O.R.A. @ Salvation Army HQ at NW 50th and N. Penn, Oklahoma City at 6 PM local time. Doors will be locked at 6:30.

VE exams on 3rd Saturday of each month are held at 9:00 a.m. at Southern Temple Baptist Church, 1821 S High, OKC. Talk in on 146.76 MHz. For more information you can contact Clarence Warstler, KB51BY @ 632-3545.

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

VE exams on 2nd Saturday of each month are held at 10:00 A.M. after the SCARS meeting at the American Red Cross in on Westheimer Airport in Norman. Contact Jim Copeland, NWOK at 329-1681 or e-mail jimhelps@juno.com for more information. **Reservations Only Till June.**

VE exams on 4th Tuesday of even months are held at 6:30 p.m. at the Altus Vo-Tech in Altus, OK. Contact George Mateyo, NIGM for details.

VE exams on the 1st Tuesday of the month sponsored by the Stillwater ARC at 7:30 P.M. at the Red Cross Building, 505 S. Main. Contact Mike Crane, KC5GJN @ kc5gjn@hamsnet.net

VE exams in Enid are done on odd months starting with the month of January. On the

2nd Saturday at 10:00 AM at the Oklahoma Natural Gas Co located at the corner of HY412 & Garland Rd., across east from Atwoods store. The testing is PREREGISTER ONLY. Contact Dick NJ5S 580-233-9869

On the Air

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

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

6 meter check in 52.525 Mhz simplex
Packet check-in on 145.07

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

North Central Oklahoma meets on the first and third Monday of the month at 7:30pm on the 147.150 rep

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

HF 3941kHz - AMTOR @ 8:30 a.m. 14.064MHz

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

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

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

Enid Amateur Radio Club Monday Night Net Monday @ 8:00 p.m. on 147.150MHZ.

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

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

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

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

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

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

Oklahoma Training Net - Daily @ 1800 P. M. on 3692.5 kHz (CW Net)

T-SARG NW OK - Friday @ 9:30 p.m. on 147.36+ with an 88.5 CTSS

Enforcement: Social Vs. Mexico Interference Case

And still with repeater issues, another follow-up story as the FCC's Riley Hollingsworth writes the attorney for a pair of California hams.

This time asking that he remind his clients that they must reply to an information request.

This letter went to George L. Lyon, Esquire of Washington, DC. He represents Angos Winke, Scott Swanson, and their KC6OKA/K6PYP repeater.

As previously reported, back on April 26 Hollingsworth wrote to Lyons as counsel for Winke and Swanson stating that the Two-Meter Spectrum Management Association had submitted documentation showing that the repeater on question is neither listed or coordinated. At that time Hollingsworth pointed out that Swanson was specifically denied coordination by TASMA on the basis that the repeater pair he sought was coordinated for low level and low power output to avoid any problems with radio operations in Mexico.

Hollingsworth requested that Winke and Swanson show, within 20 days, what steps they have taken to prevent interference to coordinated repeater operations on the 145.46 MHz frequency pair.

As of June 1st, Hollingsworth says that his office has not received the information it requested.
(FCC release)

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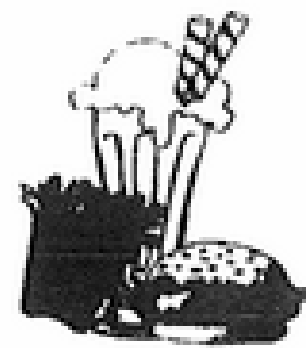
James H. Nolen, EA, ATA, ATP

DEL CITY
4700 E. Reno
Del City, OK 73117
(405) 677-6026
FAX (405) 677-7023

SOUTHWEST
2717 SW 44th
Okla. City, OK 73119
(405) 682-0461
Fax (405) 682-0461

MUSTANG
400 W. Highway 152
Mustang, OK 73064
(405) 376-2648
Fax (405) 376-2646

NSWNL
GLYNN MASSEY



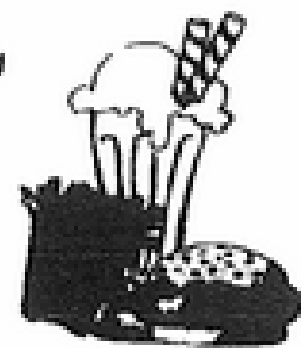
Dairy Karl Drive Inn

(405) 634-7760

Hours: Mon-Fri: 8-4
Closed Sat & Sun

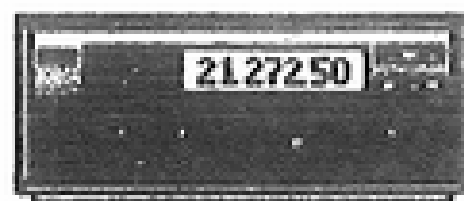
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2701 S. Central, Oklahoma City, Oklahoma 73129

KCSVZM
JAN MASSEY



HAM HOLIDAY 2000

OKLAHOMA CITY



Date: July 28, 29 2000

Time: 5-9PM Friday 8-4PM Sat

Pre-register by: 07/22/2000

Entry fees:

\$7.00 PreRegistration
\$10.00 Flea Market Tables
\$5.00 Electrical Access

Flea Mkt setup 12-9PM Friday, 6-8AM Saturday
No Vehicles allowed in bldg after show starts

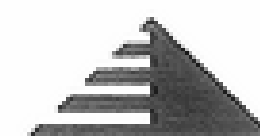
LOCATION

Oklahoma State Fairgrounds
Made in Oklahoma Building
At N.W. 10th and May Ave
Off I-44 at 10th Street Exit

Registration Info Call KJ5KP 405-354-2061
kj5kp@arri.net

Dealer Contact person:
405-672-7735 Hal Miller
Nilpn@swbell.net

Sponsored by:



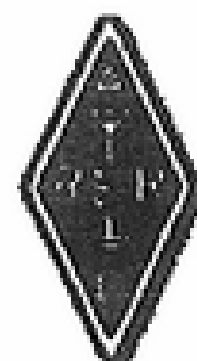
**Central Oklahoma Radio
Amateurs**

FEATURING

WOUFF HONG



Prizes



**The American
Radio Relay
League**

OKLAHOMA STATE CONVENTION



QCWA



ARES

For more information visit our website
www.geocities.com/coraokc/

Mail form and entry fee to:

C.O.R.A. Ham Holiday
P.O. Box 850771
Yukon, OK 73086-0771
Phone 405-354-2061

Email: kj5kp@arri.net

Name

Call

Year Licenced.

Address

City

State

Zip

Pre-Registrations @ \$7.00

Flea Market Tables @ \$10.00

AC Access @ \$5.00

Enclose SASE for ticket mailback
Otherwise they will be held at door

Total \$

July 09 - August 19, 2000

Weekly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<i>July 9</i> 2:00 PM Wheatstraw ARC	<i>July 10</i>	<i>July 11</i>	<i>July 12</i> 11:00 AM Oklahoma VHF ARC	<i>July 13</i> 7:00 PM Althus Area ARA 7:00 PM Tri State ARG	<i>July 14</i>	<i>July 15</i> 9:00 AM VE Exam SBC
<i>July 16</i> 2:00 PM Edmond ARS	<i>July 17</i> 6:00 PM CORA VE Exams 7:00 PM Choctaw ARC	<i>July 18</i> 7:30 PM Oklahoma City Autopatch	<i>July 19</i>	<i>July 20</i>	<i>July 21</i>	<i>July 22</i>
<i>July 23</i>	<i>July 24</i>	<i>July 25</i> 6:30 PM Althus VE Exams 7:30 PM Central Oklah- oma Radio Amateurs	<i>July 26</i>	<i>July 27</i> 7:00 PM Enid ARC	<i>July 28</i> 5:00 PM - 9:00 PM Ham Holiday 10:00 PM - 11:58 PM Wouff Hong	<i>July 29</i> 8:00 AM - 5:00 PM Ham Holiday 9:30 AM Oklahoma DX Assn
<i>July 30</i>	<i>July 31</i>	<i>August 1</i>	<i>August 2</i>	<i>August 3</i> 7:00 PM Aeronautical Center ARC	<i>August 4</i>	<i>August 5</i> 10:00 AM Ada ARC
<i>August 6</i>	<i>August 7</i>	<i>August 8</i>	<i>August 9</i> 11:00 AM Oklahoma VHF ARC	<i>August 10</i> 7:00 PM Althus Area ARA 7:00 PM Tri State ARG	<i>August 11</i>	<i>August 12</i> 9:30 AM South Canadian ARS 10:00 AM Enid ARC VE Exams 10:00 AM SCARS VE Exams
<i>August 13</i> 2:00 PM Wheatstraw ARC	<i>August 14</i>	<i>August 15</i> 7:30 PM Oklahoma City Autopatch	<i>August 16</i>	<i>August 17</i>	<i>August 18</i>	<i>August 19</i> 9:00 AM VE Exam SBC

June						
S	M	T	W	T	F	S
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25	26	27	28	29	30	

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August						
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30						