

Collector & Emitter

Central Oklahoma Radio
Amateurs, Inc. Publication

April 2000

Volume 26, Number 4

Issue 302

75¢

Postmaster See Page 2
For Postal Information

Periodical Mail

ARES Meeting Scheduled

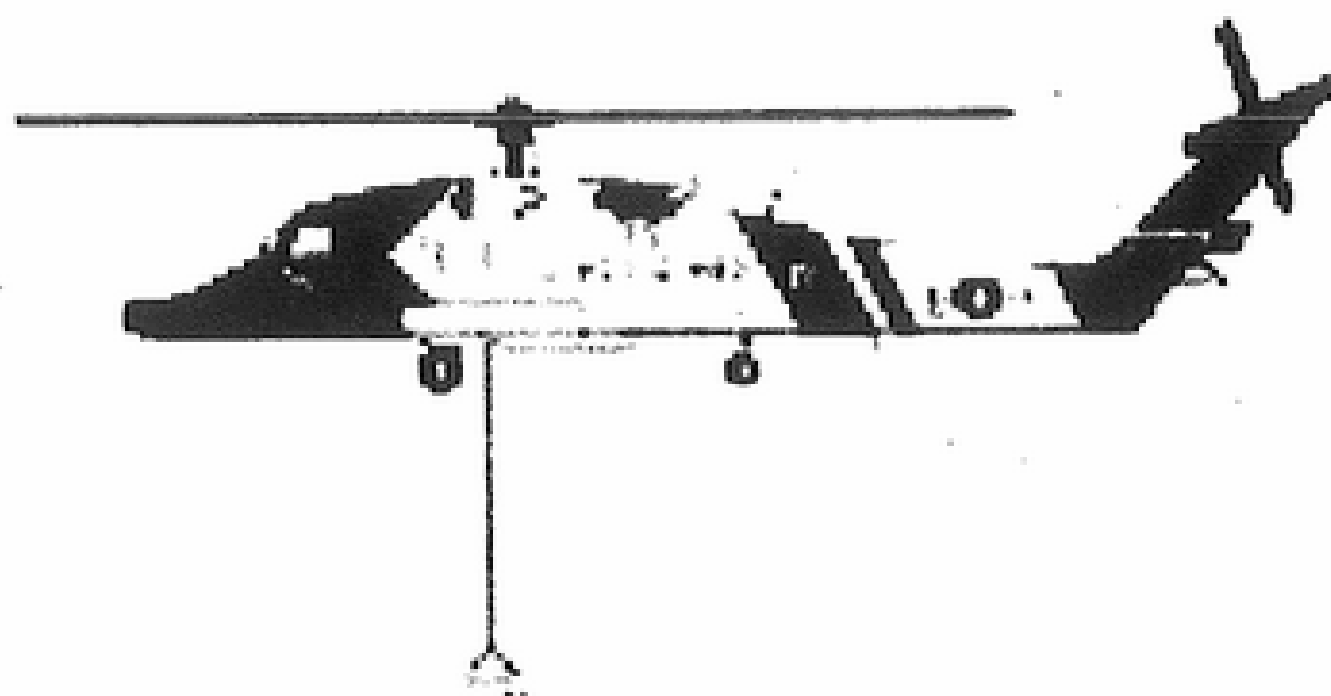
Page 7

New DXCC Country – 4W6

Page 10 / 24

Review: *QRP Homebrewer*

Page 15



Hams in Help High Seas Rescue

Page 32

Leonard Hanstein Memorial Scholarship

Page 18

PSK31 Rumble New Mode's First Contest

Page 28

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
JOHN E. DOE, KA5ABC					
1234 SW 56th STREET					
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.

April 2000**VOL. 26, No 4 Issue 302****Collector and Emitter
(USPS 116-150)**

is published monthly by CORA, Inc. 4216 Spiva Drive Del City, OK 73115-4424. Periodical postage paid at Oklahoma City, OK. 73125

Subscription rates:

CORA Associate \$6.00 per year

Paid subscription \$9.00 per year

Postmaster:

Send address changes to;

Collector and Emitter**P. O. Box 55600****Del City, OK 73115-5600**

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 Shima, W0PAN 405-721-8138 VP: Lu Fisher, K5YP 580-254-5641 VP: Sec./Tr.: Jerry Chouninard, K5YAA 918-341-2659 Editor: Nelson Derks, KC5QVV 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: Odd Months, 1400L, 3rd Sunday, St. John's the Baptist, Even Month, Dinner, 3rd Saturday 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: ocapa@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: W5OKT@unibuilt.com
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 May, 2000 Issue of *Collector and Emitter* is Friday, April 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.

Minutes of the CORA meeting for March 28th, 2000.

The president of CORA Hal Miller, KB1ZQ, opened the meeting. There were four clubs represented by nine directors plus the four elected officers. The clubs represented were the VHF Club, EARS, SCARS, and OCAPA.

Secretary's Report: The minutes of the meeting for February 22nd, 2000 were approved as printed in the C&E.

Treasurer's Report: The Treasurer's report covering the period from 1/26/2000 to 3/28/2000 was read, discussed, and approved.

President's Report: A letter from the BAARC was received after the February 22nd 2000 meeting. They have discontinued the subscription of the C&E to all members of the BAARC effective immediately. Joe Horn, president, BAARC, Harlan Kinney, treasurer, BAARC, and Kelly Blackmon, secretary, BAARC, signed the letter. No Reason Given.

The tower insurance has been paid.

New Business: Jim Jones, K5PER, has officially resigned as ARES Oklahoma County Emergency Coordinator, and Clay Mayrose, WA6LBU, has volunteered to succeed Jim as ARES Oklahoma County Emergency Coordinator. CORA decided after discussion to send Oklahoma County a letter endorsing Mr. Mayrose.

C&E Report: The C&E is doing well. All club secretaries are to be commended for their fine work.

HH 2000: There has been discussion on whether to rent Modern Living/ Hobbies, Arts and Crafts or just the Modern Living Building. At the meeting tonight it was decided to go with Modern Living/ Hobbies, Arts and Crafts Building.

Interior tents were considered but the cost of each was about \$350.00 each.

Security is all wrapped up; the Explorer post sponsored by the MWC PD will handle daytime security.

If you would like to put on a program or have any suggestions for a program, contact WA9AFM or come to the next CORA meeting.

Scholarship: The CORA scholarship was published in the March edition of the C&E. If you know of any deserving HS senior, please pass a copy of the application on to him or her.

Next Meeting: The next CORA meeting will be a luncheon meeting. This was designed so that the CORA member clubs who cannot make the Tuesday night meetings could come into the city for a Saturday meeting. It will be held at the Skyline Restaurant at SE 15th street, just off I-35. The luncheon begins at noon and the meeting starts after lunch. It will be held on April 22nd, 2000, at 12:00 noon. Hope to see you there. Visitors are Welcome.

Respectfully submitted,

Forrest Rush, N5VWF
CORA Secretary

Letter To The Editor

March 13, 2000

Dear CORA Editor,

Attached is an article from the March 2000 Collector & Emitter titled "Navy to the Core." That article is in poor taste especially for a newsletter that is distributed throughout Oklahoma and amateur radio. It reflects poorly on CORA, amateur radio, you the editor, and me the subscriber. Just like our conversations on the radio, we must remember the public reads our newsletter and items like the attached article only tears down the reputation that amateur radio has built. We do not need negative press at any time.

Please print an apology in the April 2000 Collector & Emitter and refrain from printing off color or vulgar language in future issues.

Thank You,

Charlie Walker, N5EKG

Charlie,

It is very rare to receive a letter praising us for a job well done. We average 2 letters a year with concerns over

something we have printed. In the past, these concerns were discussed with the person over the phone and settled in a matter of minutes. Our circulation averages about 800 issues per month. So as per request, we will reply to your concerns in this newsletter.

Many of our readers are retired, active or reservists in the armed forces. We have WWI and WWII Vets as well. A military member of the armed forces sent the Joke you found off colored.

If you have never been military, you would not understand the truth of the joke. When you are military, they tell you when to eat, sleep, work, live, what to wear, and not to wear, and where you can and can not socialize. The military come first always when you are a serviceman. They set up a standard of conduct that becomes second nature to you if you wish to stay in the service. When a military member has served this country for 20 years or more and forced to retire, the adjustment to civilian life is not an easy one. Can you picture having to start over with your life at age 38 or 45? It is a very rude awaking for those that gave everything to preserve our way of life. The joke is a reflection of that time of adjustment.

The joke used one word that could offend a few individuals when taken out of context. Still, we did not mean to offend you by the usage of a word you felt was in bad taste or anyone else.

The Editor

TELEGRAPH TRIVIA

for "C&E" Readers ...

In railroad telegraph operations, most Train Orders begin with the symbol "C&E" -- it stands for Conductor & Engineer, each of whom must receive a copy of the T.O., or "flimsy".

A number "31" T.O. requires the train to stop, while a "19" is delivered on the fly with a hook or hoop, by the telegrapher, who is called a "slinger".

== 73 de KM5GM ==

The Oklahoma Baptist Hams Net

Sundays 2 PM 7.273 NCS is K5HKW. All hams that are interested are welcome to join us. You don't have to be a Baptist to join, we'll have prayer, church reports from around the state and a short devotional. Please join us

Chit Chat

By Linda, NILPN

Is it too late?

The third week in March the news reported that our planet's oceans temperatures were raising and that the ice caps are melting at an alarming rate. Scientist around the world are attempting to find answers to a situation that seems to be getting worse. For the past few years, our weather patterns have changed and become more violent. Our planet has become ill and many have refused to see it, yet as evidence keeps building that something is very wrong, more are taking notice.

Extreme weather is now becoming common on our planet. Frogs that once were abundant around the world are decreasing in numbers as well. Those that do survive do not live long and many are abnormal and deformed. Trees hundred of years old once healthy are dying and the rainforests are being destroyed for easy money. The rain forests according to scientists are the 'air filters' of this planet and have no idea how much more can be destroyed without adverse effects. Acid rain falls on our forests around the globe, killing them and we have no way to save the trees.

Children in parts of Australia are not allowed outside without hats, sunglasses, sunscreen and protective clothing due to the High UV rays. Our OZONE layer in our atmosphere has two holes in it that are increasing in size according to the most recent pictures taken from space. OZONE Alerts were common in northern USA and Canada in the late 70s and have now become common across North America.

The things we have done to this planet in our ignorance, greed and refusal to see beyond ourselves are too numerous to list here. One thing that many do every year without thinking that they bring to their homes, and endangers the health and lives others, is within their control to stop right now. It is the practice of using poisonous chemicals on our yards to have the picture perfect yard. These chemicals are poisoning our ground water, which we drink, rivers and lakes as well as animals. There are environmentally friendly

chemicals on the market we can use on our yards and plants; you just have to request them.

Russia, beginning in the 60's, dumped barrels of nuclear wastes and hazardous materials into lakes. No one knows how many or what was in all of the barrels. They never thought anything of it, and records were poorly kept. I know of one lake that is no longer on any map and the towns people died out due to radiation exposure. They ate fish from the lake and many slowly started becoming ill. Birth rates dropped to a low and the babies that did manage to survive were called monsters by the town people. They normally did not live beyond a few years. The area today has become a big lab where scientists from all over the world go to not only study the problem but try to find a solution to cleaning it up.

Back in High School, my Biology Teacher was young and a crusader for the environment. She had posters and signs everywhere, in the classroom and scattered throughout the school. She knew that many thought she was a little off but she told us it did not matter as long as her cry to save our planet was heard. She was active in the Green Peace movement and if I close my eyes I can still see the films she shared with us. They changed the way I view the world around me. Our planet looked so beautiful from space, like a big shining blue marble, it was our duty to preserve and protect it for future generations.

She had a poster a friend had made for her that had an Indian saying on it. It stated that, "No man owned the land, creatures of the earth, the waters, trees, plants, nor the air he breathes. We are to live in harmony with those we share this planet with. Man is here like a single moment in time while the earth is forever." She had another one that simply stated, "We the caretakers of Nature, not the destroyers!"

I remember the day on April 22nd when she gathered up students from all over the school. We met at the bus stop across from Security Hill on Military Highway. Parents agreed to help and follow us in cars as we walked the 7½-mile hike to school. We had our posters ready and Charles and Mike had on their gas masks. The morning air was damp and we watched as the sun rose in the sky. We were so full of hope

that day. It was the very first EARTH DAY and we were marching to make others aware that our planet was endangered if something was done to change our abusive wastefulness of our planet's natural resources. We walked down Military Highway at 7:30 am during morning traffic. Most of the cars that passed us were people headed for work at Kelly AFB or Lackland AFB.

Oh, how we thought that people would take notice and listen and a few did but not enough. We were called 'Nature Lovers, Tree Huggers' and "Environment Activist." We were too young and idealist; money is what made the world not some stupid trees. Some felt we had no concept of how the 'real' world ran and that we were just crying 'wolf.' What was all the fuss about anyway?

Our school stood behind us and started recycling projects. I was a member of our school debate team and pollution was one of the topics we debated when we went to State. The school discovered through recycling it actually was saving money, in some cases they made money. The school district is still practicing the policies we helped create almost 30 years ago.

Personally, I refuse to use harmful chemicals in my house or yard. Just because they sell a product in the store does not make it safe for the environment, I read labels and ask questions before buying. I make the most of trips to the store, bank, post office and to pay bills. I recycle at our home and we have a compost pile. We have a summer garden. I line dry our clothes when possible, the clothes smell fresh and I save money on not using the dryer. But with all that, what I am doing is not enough to make a difference.

We are all guardians of this big blue marble we call home but is it too late to try and heal it? My HS Biology Teacher felt a battle was worth fighting for if you believed in it with all your heart. Nothing was impossible. It is a fight for survival and the battle is still going on today.

So, as EARTH DAY comes this year dawning on a new millennium, think about something you can do personally to save our natural resources. This year the 22 of April is the Saturday before Easter Sunday. Recycling cans is a start. Plant a

tree or two; try using non-toxic chemicals on the yard and in the house. Buy your water heater a jacket and save 25% on your bill as well as use less energy to heat the water. The jacket helps keep the water hot without having to reheat it all the time. Carpool to church with a friend on Sunday or to a bible study group. Call a friend when you plan to go shopping and go in one car. Educate yourself and family on becoming 'earth friendly.'

Please...Don't let our dream die, everyone's future depends on it. "Without a home, there is no place to go. Our home is Earth!"

Until next month....

Amateur Radio Newsline

Articles reproduced in their entirety and credit is given to AMATEUR RADIO NEWSLINE as the source.

Illegal Intruder: Old Jamming Xmtr Invades 10 Meters

A new threat to one of the worlds most popular ham bands. This as a signal from what may believe to be a cold war era jamming transmitter invades 10 meters. And it's a signal being heard around the world as we hear from Jeramy Boot, G4NJH:

With the high MUFs currently being experienced, a very strong broadcast station is being heard in the exclusive amateur band on 29.160 MHz.

The signal has been identified as the third harmonic of a Russian language station operating on 9.720MHz. Its second harmonic on 19.440MHz is also being heard world-wide. It is on the air daily, broadcasting news and popular music, and closes at 15:00 UTC.

A tentative suggestion is that it is Radio Rossii located in Volgograd, previously called Stalingrad. During the last sunspot peak, a Russian jamming station, using narrow-band FM with a regular Morse identification, used to come through around the same frequency. Many of these old jamming transmitters are now employed for broadcasting.

Jeramy Boot, G4NJH.

And what should you do if you hear it or find yourself being QRM'd by it? Treat it the same as any other unauthorized signal. Note its exact frequency along with the time you heard it and the content of the programming. Then send that report off to the Intruder Watch organization in your nation. Here in the United States that's the American Radio Relay League.

(G4NJH, Newsline)

The FCC: Frequency Hopping In All Services

And lots more interlopers could be coming to the ham bands a decade from now. This, if the FCC proceeds with plans to begin looking into a new technology that will permit radio transmitters to seek out clear channels without human intervention.

Called software defined radios, these next generation of radios will be able to find open frequencies by themselves. They will then make any and all necessary adjustments so those frequencies can be used by the device.

And the system will not be limited to two-way services. In one scenario, several broadcasters are covering the same event could use software defined radios to locate open frequencies used in other services that are open. The radios would then adjust themselves to match the necessary perimeters, signal a receiver to match their channel and begin utilizing them. This, regardless of the mode of transmission.

What will this all mean to ham radio? At the moment, probably very little. Any working radios using this kind of technology are said to be at least a decade away. And while the only thing anyone can do is to speculate, there is a chance that ham radio could find itself sharing with numerous other services. It could also mean that those other services could be forced to share their spectrum with Amateurs as well.

(Newsline from published reports)

Radio Law: Appeals Court Upholds FCC RF Standards

Closer to home, the United States Court of Appeals for the Second Circuit has upheld the FCC's 1996 RF exposure guidelines. The court also turned away a challenge to the FCC's exclusive ability to regulate relevant radio facility operations. Rick

Lindquist, N1RL, of the ARRL Audio News has more:

The wide-ranging challenge was brought by the Cellular Phone Taskforce joined by other petitioners including the Communications Workers of America.

In an opinion released February 18, the three judge panel upheld the FCC against the challenges on all points. The Court grouped the petitioners' claims into five categories: that the FCC guidelines violate the Americans with Disabilities Act and the Rehabilitation act; that the FCC was arbitrary and capricious in enacting the Guidelines, in violation of the Administrative Procedures Act; that the FCC violated the National Environmental Policy Act which required the standards by failing to prepare an environmental impact statement; that the FCC exceeded its powers by prohibiting localities from regulating personal wireless service facilities that conform to FCC RF standards; and that the same prohibition is unconstitutional.

The Court turned away the ADA claim by noting that it generally does not permit petitioners "to raise an issue for the first time on appeal without giving the Commission an opportunity to address it, particularly where the issue is a novel one."

The Court disagreed on all facets of the petitioners' claims that the FCC had violated the Administrative Procedures Act. The petitioners, in part, had claimed the FCC failed to account for non-thermal effects of RF radiation, didn't evaluate new evidence, failed to get expert testimony, and failed to account for "scientific uncertainty" about RF exposure in deciding to not lower the maximum permissible exposure levels below the maximum permitted thermal levels. The petitioners faulted the FCC for adopting a two tiered MPE level system that allows for higher exposure in "occupational/controlled" situations than in "general population/uncontrolled" situations.

Additionally, the Appeals Court said the FCC was not irrational, arbitrary or capricious in its decision and that it did not ignore "substantial comments" from experts. It also noted that licensees are

(Con't)



VHF Club

NEWS

W5LOW

Elmer Goekler Memorial
Station

Central Oklahoma VHF Amateur Radio Club

The Central Oklahoma VHF ARC held the March 8th meeting at Hometown Buffet, 3900 N. W. 63rd. Meeting was called to order by Bill, WA5FWD @1130 with 23 present. Treasures report was given and approved, as was minutes of last meeting.

The next meeting will be 12 April, when all are asked to bring a "boat anchor" to be "awarded" by random drawing. Ideally, "prizes" will fit nicely in a grocery sack (that can be easily carried by two strong men of retirement age). Hope to see lots of members there with the stuff that didn't sell in Tulsa.

Respectfully, J.R. KB5WVE

Amateur Radio Newsline (Con't)

still responsible for compliance "and an interested person can petition the FCC for review of a site believed to violate the levels." It disagreed that an environmental impact statement was required from the FCC; rejected the petitioners' arguments that by not considering RF interference with medical devices, the FCC failed to take a hard look at the environmental consequences of its actions and rejected arguments that the FCC did not enjoy broad preemption authority over state or local government under the Telecommunications Act of 1996 to regulate wireless service facilities.

The Cellular Telecommunications Industry Association, the National Association of Broadcasters, the Association for Maximum Service Television Inc, the Electromagnetic Energy Association, and AT&T Wireless Services Inc intervened in the case but did not necessarily support the petitioners. The complete ARRL Audio News is on the web at:

www.arrl.org

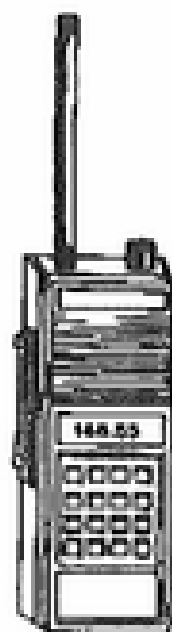
(ARRL)

Radio Law: Ham Radio Spectrum Bill Introduced In Senate

The Amateur Radio Spectrum Protection Act bill now has supporting legislation in the U.S. Senate. This, as Idaho Senator Michael Capo has introduces a bill that mirrors the house bill, HR 783.

The Senate measure has been designated S 2183. Like the House version, the Senate bill, if enacted, would require the FCC to provide equivalent replacement spectrum should it ever be necessary to reallocate Amateur Radio frequencies for some other purpose.

The House version of the spectrum bill also has bipartisan support, with 140 cosponsors to date, and has met with no opposition. However, Congress, and the all-important House and Senate Commerce committees, have been preoccupied with non-telecommunications matters. Because of this, the Amateur Spectrum Protection Act has not yet moved out of committee. (ARRL)



FM And Repeater: Louisiana Adopts 20khz On 2 Meters

If you are hearing this newscast in Louisiana, get ready to reprogram your 2 meter radio. This, as the Louisiana Council of Amateur Radio Clubs meeting in Lafayette votes to change the 146 to 148 MHz repeater sub-band from 15 kHz spacing over to the Pacific Northwest 20 KHz bandplan.

According to information from Chris Boone, WB5ITT, who is Texas liaison to Louisiana, the changes are to start immediately but will be dealt with on a case by case basis as time permits. All new coordinating will be made on the new 20 KHz even channels in the 146-148 MHz band -- the same bandplan used by neighboring Texas since 1986. Chris says that the change only affects repeater

operations in the 146 to 148 MHz repeater Subbands. Machines on the air in the 144.5 to 145.5 MHz repeater subbands will remain on the odd 20 KHz spaced channels.

And what does this mean for the ham in the street with an HT living in Louisiana? Primarily that he or she is going to have to get out a radios instruction book and reprogram a bunch of channels up or down by 5 KHz. The advantage? Less chance of interference by adjacent channel repeaters to user radios. The tradeoff? Fewer repeaters in the same amount of spectrum.

(WB5ITT, Newsline)

Enforcement: Ex-Ham Faces \$17000 Fine For Freelancing

The FCC has levied a \$17,000 fine against a former Texas ham whom the agency says it caught FREELANCING. This as it notifies Leonard Martin, the ex-KC5WHN, of Houston that he is the target of the monetary forfeiture.

You may remember that back in July of 1999 that Martin was monitored and T-hunted by the FCC. This lead to proof that Martin was causing interference on the 20 meter band. This operation was also out of band for his then Technician class ticket. After a conversation with the FCC's Riley Hollingsworth, Martin turned in his ham radio ticket for cancellation on July 23rd. At that point all enforcement proceedings against Martin were terminated.

Last October Martin was again caught by the FCC. This time operating in the so-called Freeboard spectrum that lies between the top end of 11 meter CB and the start of the 10 meter Amateur allocation. FCC engineers attempted a station inspection but Martin denied them access. These allegations have lead to the FCC issuing the \$17,000 fine to Martin. The FCC's Riley Hollingsworth says that the level of this forfeiture should show that the FCC means business when it says that no violations will be tolerated:

Hollingsworth here:

Martin was given the usual thirty days to pay the fine or to file an appeal.

(FCC, Newsline, RAIN)



IMPORTANT MEETING

In the February issue of Collector Emitter I announced that a disaster communication meeting would be forth coming. This meeting will be Thursday, May 4, 2000, at 7:30 PM at the Salvation Army Headquarters building located on the southwest corner of northwest 50 street and Pennsylvania Avenue, in the basement.

This is for public service and disaster communication discussion and planning. We need your input and participation. Do yourself a favor by becoming active in this area of Amateur Radio. Mark your calendar and purpose to be there. If you have a valid license of any class, there is a place for you. I encourage you to become involved. You will be glad you did.

73,

Jim, K5PER.

Letter of Introduction from Clay, WA6LBU

I am seeking an appointment to the Emergency Coordinators position for Oklahoma County. As I am new to Oklahoma, and most of you do not know me, I felt a letter of introduction was in order.

In the past few years, Oklahoma City and its surrounding areas has suffered through 2 major disasters. Although I was not here for either one, I am sure each and every Amateur Radio Operator that participated performed admirably. As the Emergency Coordinator for Oklahoma County, I do not wish to make any major changes to the way disaster communications are handled. Instead, I am proposing a mutual cooperation between those Amateurs that wish to sharpen the skills already developed in the real world of disaster communications. This would not be a start to a large bureaucracy, rather an organization that we all can be proud of.

We all have different skills and specialties. Since I was licensed, I have spent a good portion of the time working voice on the HF, VHF, and UHF bands. I have dabbled with RTTY, ATV, and satellite work. There are modes out there that I know very little about. There are also those of you that are virtual experts in Packet Radio and APRS. With your knowledge of these and other modes, you can educate those of us that are unfamiliar and provide a valuable service to your community at the same time.

As far as my experience goes, I have been an Amateur Radio Operator since 1983. I will be a General Class Operator as of 15 April 2000. In 1992, I began as a volunteer storm spotter for

Midland ARES in Omaha, Nebraska. Eventually, I was asked to become part of the Net Control Team at the National Weather Service in Valley, Nebraska. During the massive flooding in 1993, I served as both a Communicator and a Damage Assessment Technician for the American Red Cross. Later that year I began work with the Red Cross' Disaster Action Team (DAT). In 1996, I was asked to Co-Chair the Damage Assessment Committee and was subsequently involved in several major disaster operations until September, 1999 when I was transferred to Tinker AFB.

Since arriving in Oklahoma City in September, I been involved with Jamboree On The Air (JOTA) and the organization of the Oklahoma County EOC Severe Weather Spotters Net. I am a member of the Oklahoma City Autopatch Association (OCAPA).

I have spent the last 12 years on active duty in the U. S. Air Force as a Ground Radio Operator. I have served tours at a Contingency Communications Element at March AFB, A High Power (10 KW+) fixed HF facility at Clark AB, Republic of the Philippines, the U.S. Air Force Communications Facility at Elkhorn, Nebraska, and the Combined Air Operation Center (CAOC) in Vincenza, Italy. I am currently serving as the Group Training Scheduler for the 3rd Combat Communications Group at Tinker AFB.

I am looking forward to serving the citizens of Oklahoma County through the Emergency Coordinator Position. Anyone having questions can e-mail me at: clayWA6LBU@aol.com

405-737-3781

www.bookrack.com

THE BOOK RACK

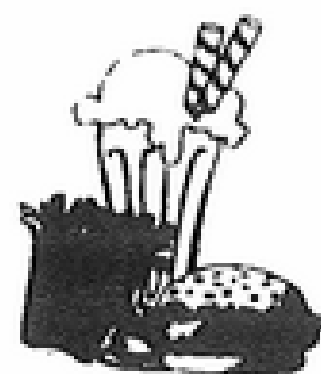
Books & Comics

1717 S. Air Depot
Midwest City, Okla. 73110

Terry L. Smith
Owner

N5WNL
GLYNN MASSEY

KCSVZM
JAN MASSEY



Datry Karl Deloe Inn

(405) 634-7760

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

Gently Owned & Operated for 16 Years
2701 S. Central, Oklahoma City, Oklahoma 73129



Ada Amateur Radio Club

Howdy from the Ada Amateur Radio Club, meeting was called to order by Steve, KD5DKZ, club president, at 0905 March 04, 2000, at the Salvation Army Headquarters on Oak Street, with an attendance of 27.

The treasurer's report was passed around and approved by the members.

Old business:

The club's first hamfest was held on February 19, 2000 at the Agriplex, in Ada. The club had a great turn out with attendance from several different areas, and out of state. Around 100 people attended from the count on the sign in sheet. Motion was made and seconded on the floor to plan for February 17, 2001 for next hamfest.

New business:

Increasing the clubs dues is still being decided, a motion was made that the dues that are currently \$12 per member and \$18 for family. Be increased to \$18 per member and \$24 for family. This is still being decided at this point and the club would really like to have any comments on what members think would be a fair increase. We know no one likes any kind of price increase in anything. As far back when this club was started the dues have not had an increase and our equipment is getting old and part of its parts are no longer available for replacing and the cost of those parts has definitely had an increase over the years.

In cost. The club wants your view on what you think about the dues. We don't want to loose our members because of an increase. We need to hear from you on what you think, if possible try to attend our next meeting and share what you think would be a fair increase. Also net protocol to use full call signs and at the end of each check in to state back to net control, to clear your station, our net is held every Tuesday night at 8pm 147.285 would like to welcome everyone to check in.

Thursday march 9, 2000, at 0507 a fire was reported at Evergreen Mills Inc. in Ada. A local landmark goes as far back as 1902. Firefighters from McAlester, Sulphur, Paul's Valley and Seminole

responded to Ada's call for assistance. All of the volunteer fire departments in Pontotoc County were also called in, totaling 23 fire departments and 123 fire fighters.

There were several ham operators involved in this Roy Throne, KB5STV, Captain of Ada fire department, EOC Director, John Berchet, KC5EJC, Ada's Salvation Army Canteen was set up, Charles Eiter, KC5TGA, Chris Stettler, KC5RPR, Robert McKeel, KC5SIS, Tom Jones KD5GTY, all helped out with the canteen and radio contacts.

Richard Barron, KC5TFZ, photographer for the Ada Evening News was on the scene and took pictures that were published in the newspaper. Richard does a great job he comes by our ham events and takes pictures and gets them in the Ada Evening News to let the community know what is going on with our club, want to thank him for a great job.

The Red Cross was also here to help out. I would like to thank everyone for coming together and helping out; everyone really did a great job of working together. The meeting was adjourned at 1005 followed by a VE session. Had 7 people testing have not heard how they did on the tests.

Darla also included ARRL Bulletin 13 in her copy. I have deleted it here but the full text is available in the ARRL Bulletins section of this newsletter to prevent duplication. The Editor

Wish everyone a Happy Easter
Darla Coffey, KC5RGU
Ada Amateur Club Secretary

More Amateur Radio Newsline:

Enforcement: More On The Tampa Party Pirate

The FCC has also levied a \$10,000 fine against Leslie D. Brewer's 2-Way Radio in Tampa Florida. This for allegedly selling an unauthorized, fully assembled twenty watt FM broadcast transmitter to an FCC agent posing as a customer.

The Commission says that Brewer, who holds the Amateur call letters KC4HAZ, also calls himself the Tampa Party Pirate. The FCC also says that Brewer has been involved in the operation of an unlicensed FM station on 102.1 MHz, in the Tampa, Florida area.

(FCC)



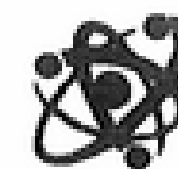
Restructuring: Australia Officially Favors 5wpm Morse

Turning to restructuring the ham radio service worldwide. It's now official. The Wireless Institute of Australia now officially favors the reduction of the Morse test requirement from 10 words per minute to 5. This policy change was adopted by a unanimous vote of all states and territories.

A letter notifying the Australian Communications Authority was sent last week.

(WIA)

(405) 524-3770
PCS 410-4005



BLACK'S RADIO COMPANY
RENTAL HANDIE-TALKIES - FREQUENCY MEASUREMENTS
RADIO TOWERS - AMATEUR RADIO W5JCB

ELMO BLACK

413 N.E. 38TH TERRACE
OKLAHOMA CITY, OK 73105

New and Used
Rohn Tower
25G and New 45 G

Enid Amateur Radio Club

Minutes of the March 2000 Enid Amateur Radio Club Meeting 23 March 2000 Red Cross Headquarters Enid, Oklahoma

The meeting was called to order by John KA7GLA at 7:05 p.m. Members in attendance were: President John KA7GLA, Dave KC5GUD, Sam KD5EUS, Dean KL7MA, Eldon KC5RRS, Gene N5SPY, Al KD5BA, Dale WD5GUG, Bill KC5OKG, Clint KB5OEQ, Dwayne KC5QVS, Phil KC5DCT, and Mike KC5TFA. A motion to adopt the minutes as published in the March CORA newsletter was moved and seconded, with only one minor correction, the name and call sign of Dean KL7MA was published incorrectly. The treasurer's report was made, and approved by everyone except Clint (who we think *secretly* wants to be the club treasurer). There was no correspondence.

Old Business: The dot .29 repeater is so very close to being operational, and should be up and running by the time you read this! The repeater is at Marvin's, and currently has insufficient modulation, but "we're close to a cure." There will be a nominal cost associated with new crystals, duplexers, etc. that the membership voted to cover. Installation is slated for the old dot .15 location, and a new home will be found for the dot .15 machine (hopefully something "pre-disastered" for lightning!). The dot .29 machine will feature 100 powerful watts of output. Dwayne reminded the club we'll have to try several installation alternatives to get all of the bugs worked out.

Parades. Al reminded the club of two upcoming parades. March of Dimes Walk-a-thon, April 29, and the Tri-State Parade, May 6. Maximum participation is needed for both events!

Boy Scout Ham Radio Event is scheduled for Saturday, April 1, 2000, at the Carmen, Oklahoma, City Park. Dave KC5GUD, Sam KD5EUS and Dan

KM5DH have agreed to participate in a hands-on ham radio demonstration for the Scouts. We'll arrive to set-up around 9:00 a.m., and operate for at least several hours. The location will be inside the swimming pool pavilion, and weather should not be a factor. Reports have it we could have upwards of several hundred Scouts there! A conflict with the Mooreland Hamfest will keep several diehard club members away from this event!

Tailgater! Saturday morning, April 15, 2000. Get your taxes in the mail early, and join us for coffee, donuts and good fellowship! Location: **Central Christian Church 1111 West Broadway in Enid** (Behind McDonald's on Van Buren). We'll have tables for setup **INSIDE**, so we're on rain or shine! Time: 0800 until 12:00. Talk-in on 147.150, 444.825, and probably even on 145.29 (if she's up and running). We recommend you come **EARLY**, as things normally start wrapping up before lunchtime. Bring those tax refunds, and lets have a good turnout! Dave agreed to verify that CORA is aware of the event for publication in the April issue.

New Business: Lightning strikes repeater last night! We took a hit last night on the repeaters (both VHF and UHF affected). Looks like we'll send a scouting party up tomorrow to see what happened. Dick NJ5S wanted to remind the club we need to purchase surge protection for the repeater (previously approved). Dwayne will get the required parts ordered ASAP. **Training:** Dean KL7MA asked about future plans for classes. The club agreed we need to provide training opportunities for prospective hams, but could not agree on when, where or how. **INTEREST IS OUT THERE**, and we need to get after it if we're to get any new members. **WA5GFC, Jerry Greathouse, SK.** Jerry passed away after a lengthy illness on Monday 20 March 2000 in Enid. Jerry was known for years by his callsigns AA5QW and most recently his re-acquired "greasy fried chicken" WA6GFC call. He will be missed, and we wish to extend our condolences to his family.

The meeting was adjourned at 7:52 p.m. Our next meeting will be held on **Thursday, April 20, 2000, 7:00 pm at the Red Cross Headquarters Enid, Oklahoma.** See you there! 73's Dave KC5GUD

Fun ramblings and other stuff from Dick NJ5S!

LEAGUE FILES PARTIAL RECONSIDERATION PETITION.

The ARRL has formally asked the FCC to reconsider and modify two aspects of its December 30, 1999, Report and Order that restructured the Amateur Radio rules. The League wants the FCC to continue to maintain records that indicate whether a Technician licensee has Morse code element credit. It also seeks permanent Morse element credit for any Amateur Radio applicant who has ever passed an FCC-recognized Morse exam of at least 5 WPM. The League's *Petition for Partial Reconsideration* in the WT Docket 98-143 proceeding was filed March 13. The League suggested that it would be less of an administrative burden for the FCC to maintain the Technician database as it has been doing. The database now identifies Technician and Tech Plus licensees by encoding the records with a "T" or a "P" respectively. The ARRL also said the inability to identify those Technicians that have HF privileges and those who do not could hamper voluntary enforcement efforts. It further suggested it would be wrong to put the burden of proof of having passed the Morse examination on licensees.

The League cited the demands of fairness in asking the FCC to afford Morse element credit to all applicants who have ever passed an FCC-recognized 5 WPM code exam. The rules already grant Element 1 credit to those holding an expired or unexpired FCC-issued Novice license or an expired or unexpired Technician Class operator license document granted before February 14, 1991. It also grants Element 1 credit to applicants possessing an FCC-issued commercial radiotelegraph operator license or permit that's valid or expired less than 5 years. The League has asked the FCC to "conform the rules" to give similar credit to those who once held

General, Advanced or Amateur Extra class licenses.

NEW DXCC ENTITY – EAST TIMOR

– IS ACTIVE! East Timor--now under United Nations administration--has become the latest DXCC entity, and two stations already have been on the air from the former Indonesian territory. The International Telecommunication Union has assigned the prefix block 4WA-4WZ for use by radio stations within the areas administered by the UN Temporary Administration of East Timor--or UNTAET. The prefix assignment is for the use of UNTAET as long as it exists. It will be released to the ITU at the end of its existence. UN stations within East Timor may be assigned 4U prefixes for official use, while UN Amateur stations may use the prefix 4UI. This includes the UN Amateur Radio Club station, 4UIET. All private Amateur Radio stations in East Timor will use the prefix 4W6. Permanent residents of East Timor who were previously licensed also may obtain permanent call signs. Third-party traffic is permitted within the area, and with countries that permit third-party traffic.

For DXCC purposes, UN Temporary Administration of East Timor will be added to the DXCC List with the effective date of March 1, 2000. QSL cards for QSOs made after that date will be accepted starting October 1, 2000. Licensed operators operating these stations will act in a manner consistent with the primary purpose of the Amateur Service, as defined by the ITU, and will avoid participation in activities which may imply official commitment or approval by the United Nations or in activities of a commercial nature or otherwise inconsistent with the Amateur Service. Ross Ballantyne, VK8UN--a UN Political Affairs Officer who's been in East Timor since last year--has been issued 4W6UN. He'll also serve as custodian for 4UIET, a station to be established at the UNTAET Headquarters in Dili. 4W6UN QSL Manager Steve Gregory, VK3OT, reports that that Ballantyne has been somewhat active on 20, 15 and 10 meters SSB running a trapped vertical antenna, but that he is not set up for CW at this point. He also has a very limited amount of time in his schedule for ham radio. This week, Thor,

TF1MM, was licensed as 4W6MM. The QSL route for 4W6MM will be announced. He's been active on 10, 15, and 20-meter CW, up 6 kHz from the Extra band edge. Other 4W6 operations are pending.

Don't miss this one! The 43rd Annual CQ World-Wide WPX Contest, SSB: March 25-26, 2000. I have finished construction on the second operating position for contesting and DX fun. The rig for the 40/80-meter position is a Kenwood TS 950s and an Alpha 374 amp with the 80 and 40-meter flat tops with a Hygain Multi-band Hytower phased with the 100' tower aimed at Europe. The Icom 775 DSP and the Amertron AL-1500 will work the higher bands on the Log periodic. The computer logging system is getting closer with 2 – 500mhz. with a LAN for Internet spotting and logging. I have not got the RTTY system going yet. I think I will be using the Collins KWM-2 for that mode. So that is the run down from NJ5S, still having fun with Ham radio and **still plan on having a get together in July for the World Wide Contest. And maybe some fine chow! Should be a great time!**

73's Dick NJ5S

More Amateur Radio Newsline

Restructuring: NCVEC Conference 2000

Back in this country, plans for the year 2000 meeting of the National Conference of Volunteer Examination Coordinators have now been finalized. The group, that, among other things oversees the questions used to administer ham radio exams will be returning to the Holiday Inn in Gettysburg, Pennsylvania on Friday, July 21st. No exact agenda has been announced, but according to Gordon Girton, W6NW, of the Sunnyvale VEC, the meeting will continue until all business has been transacted.

(W6NW)

Ham Biz: The Ham Radio Business Report

Another ham radio auction site, a couple of upcoming conventions and a website to discuss a radio raid are on tap in this

weeks ham radio business report. Newline's Don Wilbanks, KC5MFA, reports from New Orleans:

The Internet: Art Online

On the ham radio business watch, word that Amateur Radio Trader is in the process of upgrading its online ham radio auction site. Once complete, radio amateurs will be able to list items for just three dollars or a three percent commission, whichever is greater. The best part is that you only pay the fee if the item sells. The site is at:

<http://auction.amradiotrader.com>

(ART)

Convention Scene: Eastern Vhf-Uhf Conference

Also, it's never too early to plan to attend the annual Eastern VHF/UHF Conference. This year marks the 26th time that the gathering will be held. The date is on August 25, 26 and 27 at the Harley Hotel in Enfield, Connecticut. The Conference Proceedings will once again be published by the ARRL. Speakers and articles are welcome. Please contact Bruce Wood, N2LV at:

bdwood@erols.com

if interested in taking part.

(N2LV, VHF Reflector)

The Internet: Ramsey Raid Website

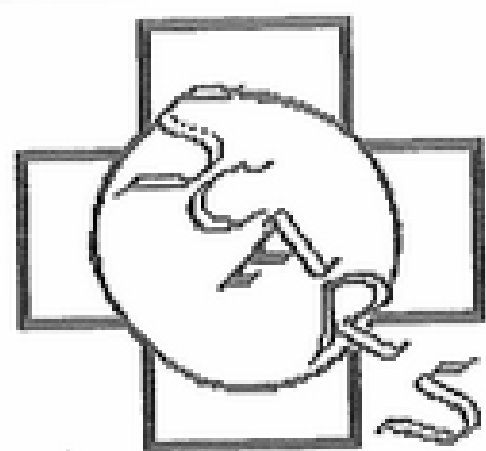
A new website has been created by radio hobbyists concerned over a recent government raid at Ramsey Electronics. It appears as if some in the government believe that kits like Ramsay's \$5.95 wireless microphone transmitter are primarily being used for -- as the government says -- surreptitious monitoring. The government says this is a violation of Title 18, Section 2512 of the Code of Federal Regulations and has carted off tens of thousands of dollars worth of Ramsey's kit inventory.

Now, hobbyists have established the website at:

www.thisiswrong.com

to not only discuss the raid but its ramifications on hobby radio itself. But some hobbyists are afraid to post their views. They believe that the government is probably monitoring all postings to this site.

(VHF Reflector)



South Canadian Amateur Radio Society

Norman, OK

This report should probably be called "The Continuing Saga of the SCARS VE team"

Our March meeting was called to order by President Tom, KD5ENL a little early in order to accommodate the testing session to come. This was probably a wise move as we had more bodies there testing than

More Amateur Radio Newsline:

Science And Technology: 10,000 On-Line Calculators

The CGC Communicator reports it has found an Internet website with over 10,000 On-Line Calculators. This, for math, science, engineering and a variety of marvelous applications. There's even one for sign language but beware that a number of links are broken so you will have to experiment. The site is at:

<http://www-sci.lib.uci.edu/HSG/RefCalculators.html>

(CGC Communicator)

Olympics Ham Radio: A Call Sign Workout

The Sydney Olympics special event callsign, AX200, gets its first workout this month. This as the New South Wales Division of the Wireless Institute of Australia of authorizes a number of that regions Amateur Radio clubs to use the callsign during the year.

The Manly-Warringah Radio Society gets first dibs as it activates the call in the CQ World Wide WPX contest on the weekend of March 25th to the 26th. And next month, the Wahroonga Amateur Historical Radio Association will be active as AX2000/IMD on International Marconi Day. That's the 29th of April. Other New South Wales radio clubs will activate the call at various times throughout the year.

(Q-News)

Radiosport: ARDF Deadline Approaching

Turning to the Radiosports page, the United States hams will again take on the world in a direction finding competition this fall. Newsline's Joe Moell, K0OV says you must act how if you want to take part in the event:

If you're thinking about joining Team USA for the World Championships of radio direction finding, now is the time to

we had club members and we always have a pretty good turnout. Introductions were made with "stuff" to sell mentioned by those who had it. This ranged from a home brew xmtr to a Chevrolet Monte Carlo. Our Treasurer Jeff, KT5OK said we had funds available and 87 paid up Members. We're proud of that and just may challenge the other CORA clubs.

Dennis, KC5EVH reported he had put in our request for the Reeves Park Pavilion for Field Day so we're set there when the day arrives. Jim Copeland, NW0K gave another review of the Restructuring Proposal and reported on the testing of the recent class. This resulted in 9 new Techs and 1 Novice upgrade to Tech Plus. Others were coming back today to retest. Others went to OKC the next weekend and passed. Jud, W5JA and Brett, WA5NWS did a great job with the class.

By now the room was filling even more and Tom called it quits at 9:55 turning it over to Jim and the VE Team. When the smoke cleared they had 36 folks show up (18 walk-ins) and took 44 elements passing 32 of them. 6 earned the Technician license and 1 of the new Techs from the class came in and passed the 5wpm code to upgrade to Tech Plus. Although licenses were not earned that day, CSCE's were by 12 that will be Extras, 8 that will be Generals and 1 Advanced after April 15.

All the processing went pretty smoothly as they worked out the kinks in Feb. when 21 people came in to test and completed 26 elements. That session resulted in 2 new Techs, 1 upgrade to Tech Plus, 1 to General, 6 passed the General Written and 8 the Extra written. OK VE team, take a break. At least till April 15.

73 de Bill, N5UMH

apply. Team USA will be going to Nanjing, China during the second week of October for on-foot RDF competitions against top hunters from about 30 other countries. Side trips for sightseeing are also being offered.

Dale Hunt WB6BYU, who led Team USA's first World Championship effort in 1998, has again accepted the USA's Team Captain position.

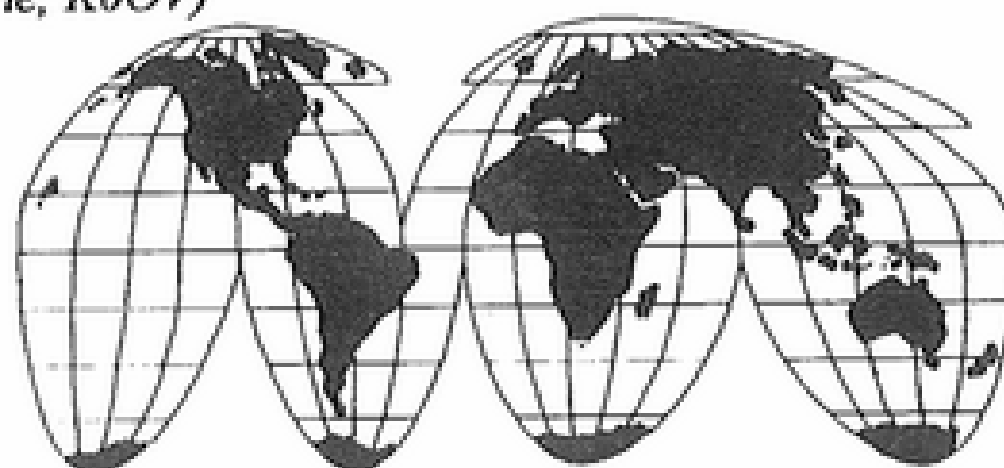
Twelve hams from six states have already signed up to be considered for Team USA membership. Diplomatic and travel planning for this trip must begin well in advance, so the deadline for Team USA applications is March 31. After March 31, applicants will be considered only on a "space available" basis. To apply or to get more information, send e-mail to: TeamUSA@homingin.com or postal mail to my callbook address.

There's more about international foxhunting and the World Championships at my Web site: www.homingin.com

Homingin is one word. Maybe you'll help Team USA bring back medals this year.

From southern California, this is Joe Moell, K0OV for Amateur Radio Newsline.

(Newsline, K0OV)





Edmond Amateur Radio Society

Birthdays

4-12 Steven Guinn	N5OLX
4-13 Wally Allison	KB5OFR
4-14 Ray Wilson	W5TYR
4-15 Clifford Cooley	N5CSJ
4-16 Ed Granger	W5EDX
4-17 David Storey	K0TYC
4-18 Phyllis Boruland	KC5ICV
4-21 Sue Snyder	N5VWI
4-27 Sherry Storey	KD5CPJ
4-29 Claudia Welch	
4-20 Mark Welch	KC5SMH

Member Information

If you've changed your call, address, phone, and/or E-mail address, please let Sharon know by E-mail at km5gv@arrl.net. Also, be sure to check out the website for club information. It is www.edmondsun.com/ears and has been updated pretty regularly.

Board Meeting Minutes

The Meeting started at 7:30 March 14th, 2000 & was called to order by Curtis Foote, KC5GEP at the EARS Club Station. In attendance were:

Robert Coxsey, KM5GZ
 Ken Stepp, N5DBM
 Curtis Foote, KC5GEP
 Gary Carson, KD5CPL
 David Wolf, KC5KJE
 Dee Mize, WD5FHR
 Lee Vaughn, KA5WIS
 Earnest Wolf, K5YKD
 Larry Traub, N5OL
 Jim Richardson, N5OHL
 Steve Kuper, KC5RYT
 Daniel Simpson, AC5TE
 Patrick Martin, KD5CPQ
 Terry Davis, KD5HXZ
 Clara Granger, KG5UG
 Robyn Price, KD5ISC
 Ed Price, KA8NBG

Sharon Thompson, KM5GV
 June Zimmerman, KD5IYJ
 Chancy Baker, KD5JBK
 John Thomason, WB5SYT

President's Report: Curtis, KC5GEP stated that he would have more time for Club business because he was no longer with Nextel.

Secretary's Report: Robert, KM5GZ asked if the Feb. Board Meeting Minutes had been read & if there were any corrections. There were no corrections. A motion was made to accept the minutes as presented. They were approved.

Treasurer's Report: A motion was made to accept the treasurer's report. It was approved. There were no reimbursements.

Vice President's Report: David, KC5KJE said the location for the dinner meeting has not yet been decided.

Club Station Report: Dee, WD5FHR has hung the Y2K plaque on the wall. The new doors have been installed & finished by the City of Edmond. The Club sign will be put on the outside wall to the left of the door. Sharon, KM5GV told Dee about David, KC5UNO having been to the Club Station & finding both doors open & no one was around. Dee said that the workers were probably hanging the doors.

Repeater Report: Lee, KA5WIS said that he is programming weather macros into the controller. He said that the repeater is doing fine.

Emergency Report: Ken, N5DBM said that there would be no storm spotting class in Edmond this year. The schedule is already filled. The City of Edmond has set up a computer in the EOC radio room for our use. It shows real time radar & David Barnes is going to set up a training class for the emergency committee & some spotters. David Barnes asked if anyone had GPS that may be used for locating the spotters.

Board Members Reports:

Lee talked about the upcoming St Patrick's Day parade. He has 20 people so far & needs more. They will meet at Dewey & Sheridan at 11:00. Parade starts

at 2:00 PM. He has maps for everyone. It will run the same route as last year. There will be 2 golf carts. There are 85 entries signed up. He said that he needs help changing the numbers for the signs & that he would be at the Club Station Thursday night.

Past Presidents Report: Steve, KC5RYT, said that he just wanted good weather.

Activities Committee Report: Dave, K0TYC was not available.

Curtis asked if anyone would like to take an 8-hour CPR course. He will check with the Red Cross about them.

H.F. Committee Report: Ed, KA8NBG will ask for sign ups for the Special Event Station for the Vietnam Wall at the Club Meeting. It will be at the Club Station.

Club Station Committee: Dee said that there would be a meeting of the Club Station Committee next Tuesday night. He wants to open it up another night in conjunction with Monday night & Thursday night.

CORA Report: The tower insurance has been mailed. There are 2 less clubs in CORA. The Midwest City Explorer Post will provide security for Ham Holiday.

Membership Coordinator Report: Sharon passed around a list of the Members that have not yet renewed. The list was divided up among some of us to call these Members.

Steve asked if there could be a tailgate swap meet at the Club Meeting in the Church parking lot. Steve said that he would call Frank, AA5GI about it. Jim, N5OHL will show the Cambell Island DXpedition video at the Meeting this Sunday. Also at the OCAPA meeting. Sharon said that John, WB5SYT wants to have a meeting with the VE's that will be helping at the April 16th. Special test session after the Club Meeting.

Calling Committee Report: Steve said that Trish, KC5YBP will start the e-mail callings. Lee asked the Calling Committee to ask for more parade help.

Health & Welfare Report: Clara said that Daniel, AC5TE's brother-in-law, Jim Browning, passed away Feb. 18th. Bufford, KC5MXE's wife had triple bypass surgery Feb. 18th. She is doing okay. She has an infection in her right leg & is on antibiotics. Frank's family is doing okay after their wreck. Glen Reed is taking a second round of chemo - therapy & couldn't be reached. Clara has sent cards from the Club.

Web Page Report: Terry, KD5HXZ, said that he had put a counter on the web site & it is getting about 50 hits a week. He wants input for a calendar of events & any interesting pictures from anyone for the site.

Net Manager Report: Bob said everything was going okay. The up coming Nets are covered.

Old Business:

David stated that the Board was one Member short after the secretary resigned & Bob had taken that position. Daniel said that he would be interested. A motion was made to accept Daniel, AC5TE, as the new Board Member. It was approved. Curtis said that he had just now given the Review Committee last years report for review. Steve asked what would be the Meeting times. Clara wants the Board Meetings at the Club Station from now on. A motion was made to have the Board Meetings at 7:30 at the Club Station. It was approved.

David says there are 3 applicants for the Scholarship. He said Joyce, KC5NBI, is getting the review committee together.

New Business:

Curtis asked John about the special test session. David asked John about the RSVP's. John said the he has 10 RSVP's so far & 2 will be testing. Clara asked about the update on the handbook. She said that it could be e-mailed to Members. Larry, N5OL asked about Field Day preparations. He said that the Club should start getting the site set up & pay for it now. A motion was made to try to get the same sites as last year. It was approved. Curtis said that he would get this going. John said that the year 2000 Field Day pins are available. Names will be taken at

the Club Meeting of those that want one. John also said that he would try to get Field Day week declared Amateur Radio Week in Edmond. Pat asked about antennas for Field Day. Bob said that he had a new Windom Dipole & a 4 band Cushcraft vertical that we could use.

Adjournment: A motion was made to adjourn. It was approved & the March Board Meeting was adjourned at 8:30 PM.

de Robert Coxsey KM5GZ

PAST EVENTS

This is the Net activity for the EARS Club for the month of March.

Date Net Operator Check ins Traffic
 March 4th Siren Test KA5YPX 19 16
 March 4th Emergency KC5GEP 10 6
 March 6th. Monday Net N5OHL 56 18
 March 13th Monday Net WB5SYT 55 18
 March 20th Monday Net WD5FHR 40 9
 March 27th Monday Net KM5GZ 56 13
 March 18th St. Pat. Day KA5WIS 20
 Numerous
 March 7th Storm WB5SYT & Spotter Net
 N5OHL 10 0
 Total Count 266 Traffic 80
 de Robert Coxsey KM5GZ Net Manager

MEMORIES

It's been almost a year since the May 3rd tornadoes. How's your personal and club preparedness doing? A young relative of a club member wrote the following. It sounds pretty close to the way it was:

Mile Wide

Written By: James L. Thomas

Age: 10

Green Forest, AR

A True Story

One stormy night in Oklahoma City a news bulletin comes over the television. A tornado has been spotted headed toward Moore and Del City. The monster tornado is leaving a destruction path a mile wide.

As the killer tornado continues its shredding houses and tossing cars and trucks around like toys. Shifting at every open field. Just missing Tinker Air Force Base. The tornado moves on still causing destruction.

The next morning people look at the damage. Houses scattered everywhere. Cars and trucks flipped and ripped out of garages. Trees and roof tops blocking the road. Ambulances rushing injured people to the hospital. People digging through the rubble trying to find possessions. Friends and family hugging and thanking God to still be alive.

The End

JACKETS

Sharon has checked into getting another batch of club jackets. This is the information she got:

Total cost of each jacket would be about \$30.00(includes Jacket with Patch, Embroidered Call and Name, and shipping). Caps are also available with small patch attached. Total cost of about \$4.50 each.

Please get in touch with Sharon KM5GV if you are interested in one or both (or multiples of each!). She will compile the order.

MONDAY NIGHT NET

If you are not checking into the EARS Monday Night Information Net, you're missing out on all the news that's fit to speak, as well as a whole lot of fun!

The Net is averaging 50 Plus check-ins each Monday, with some nights running considerably higher than that. There is a whole passel of new KD calls, as well Net Control operators who are doing a super job. Check-ins are coming in from 15-20 towns each week. On a recent net, N5OHL described the Club's awesome Net Control Manager...see if you can recognize who he is...

"Your Net Control is...more powerful than a 300 milli-watt handi-talkie on a low battery.... able to bend QSL cards in his bare hands.... capable of leaping from one frequency to another with a push of a single button.... and in a never-ending battle for a clear frequency, more audio gain, and a higher number of Monday Night Net check-ins....Is it the OLD HUNGRY LIZARD? (OHL). NO!! It's the GREEN ZUCCHINI !!!

If you haven't guess yet, it is Godzilla himself, KM5GZ, Bob. So, tune in on Monday Nights at 8:00 on the 147.135

repeater. Check-in, pass along any information of interest of hams in the area, and perhaps consider the possibility of taking a turn as Net Control yourself. For more information, contact Bob at km5gz@arrrl.net or by phone at 478-5715.

FUTURE EVENTS

April 1st - EARS Emergency Net at 11:00 on the repeater.
 April 1st - Edmond Siren Test at 12:00 on the repeater.
 April 11th - Board Meeting at the Club Station at 7:30
 April 15th - Club Dinner Meeting to be announced

April 16th - Testing session Sunday afternoon at the Club Station. RSVP John WB5SYT

April 28-May 1 - Special Events Station at the Club Station in honor of the visit of the Vietnam Memorial Wall in Edmond.

May 6th - EARS Emergency Net at 11:00 on the repeater.

May 6th - Edmond Siren Test at 12:00 on the repeater.

Each Thursday night - the Club Station will open at 7:00 for operation.

Each Saturday morning - a group will meet around 8:30 for breakfast (maybe at 2nd and Coltrane).

No fooling on the first two events. Edith needs your help on the siren test. Be sure

to let her know you can help. She can be reached at 348-2961. The group will eat at Brick's before the board meeting, and then come to the station for the actual meeting. The breakfasts have moved around lately, so keep tuned to the repeater for the latest information around 8:00 on Saturdays. It's your club so come and be a part of it!

CLOSING

That's it for this month. Please send information for next month's C&E to Curtis Foote at cfoote@thshop.net so I won't have to take up so much space. See you out there weather watching.

More Amateur Radio Newline:

DX

In DX, after logging some 70,000 contacts, the Clipperton's FO0AAA team shut down operations at 18:00 UTC on March 8. This, after six days of operation. For more information, visit:
www.qsl.net/clipperton

2000. A full report, pictures, and logs will be posted on the site when the operators return home.

(ARRL)

That Final Item: Famous Three-Letter Callsign "KHJ" Returns To Los Angeles

And finally, effective Wednesday, March 15th the historic call letters KHJ returned to Los Angeles AM radio. This as station KKHJ at 930 kHz, reverted to its old call letters.

But there is an interesting reason behind the callsign change. As old time radio aficionado's already know, the call letters KHJ are synonymous with the very roots of broadcasting on the West Coast. In the hey-day of Top 40, KHJ brought listeners a sound called Boss Radio with such well known air personalities as Charley Tuna, Sam Riddle, Robert W. Morgan and the Real Don Steele.

But nothing in broadcasting ever remains the same. And, several years ago KHJ was caught up in the radio station buy-out mania. It eventually became a Spanish language station and in the transfers of ownership the call letters were changed to KKHJ. And that's where a problem arose.

The latest owners soon realized that the double "k" in KKHJ when spoken in Spanish is a rather off color word. So Liberman Broadcasting asked the FCC for a callsign change. They also argued that changing to anything but the station's original KHJ call would result in public confusion.

The FCC has now granted Liberman request. As a result, a little bit of history has returned to the airwaves in Los Angeles. And that history is spelled out in three simple letters -- KHJ.

(Adapted from the CGC Communicator)

Amateur Accessories

"Our Name Says it All!"

STEVE ZAHOS KR4S

• Hamtests

• Mail Order

MFJ, Heil, MAHA, Diamond, Books, Kits, Etc

(816) 891-6790

P.O. Box 29201

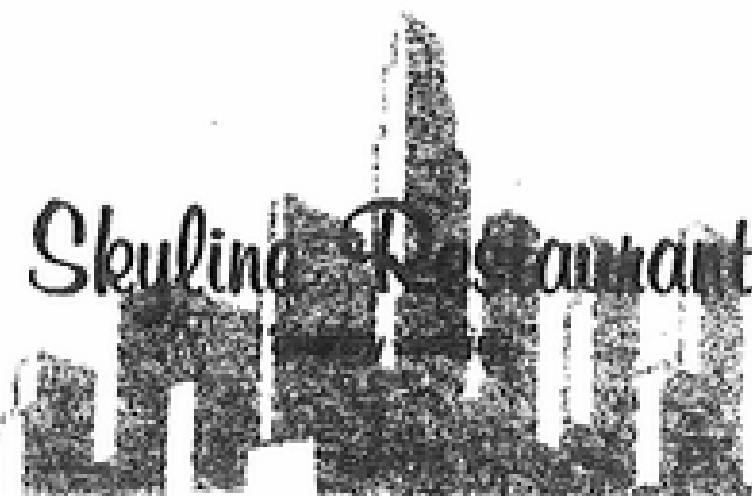
(816) 891-0036 Fax

Kansas City, MO 64152

E-Mail: szahos@tfs.net

1631 SE 15th

677-9001



Bryan, Cindy, Jennifer and Jessica

Nolen's Accounting & Tax Service, Inc.

"Professional Service With A Personal Touch"

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) 378-2648
 Fax (405) 378-2648

Tailgater Swap Meet 2000

Enid Amateur Radio Club

Saturday, April 15 8:00 a.m. until 12:00 noon

Central Christian Church

1111 West Broadway Enid, Oklahoma

Join us for our favorite annual springtime tradition! You bring the goodies and we will have the coffee and donuts ready! Come early for the best selection! Spring weather? No problem, as we'll be set-up *inside* the church lobby, and may even have a few "boat anchors" displayed in the parking lot! Lots of free table space, and of course, free admission! Don't you miss it!

Central Christian Church is conveniently located one block west of McDonald's on Van Buren. Talk-in frequencies 147.150, 444.825, and 145.29 (if operational). See you there!

***Another fun time activity with Amateur Radio
sponsored by the Enid Amateur Radio Club
W5HTK – WA5QYE***

Introducing the QRP Homebrewer

By Jerome Doerrie, K5IS k5is@hotmail.com

No doubt about it! One of the main items of interest for K5IS involves building electronic things. Simple and cheap circuits clutter my workbench. To fill the thirst for new circuits and techniques I subscribe to many magazines and newsletters. As a magazine matures it will present more advanced material to fit the maturing needs of the long time subscribers. The beginner or novice at construction will feel overwhelmed and find it difficult to get started. We all have to find answers to the basic questions of which component to use, how long for the lead lengths, how to solder, how to make a circuit board, how to wind a coil, and on and on. With the exploding interest that is occurring in QRP and home construction, the members of the New Jersey QRP Club have decided to address this problem by publishing a magazine that will focus on the beginner level of electronics. Let's see if you should subscribe.

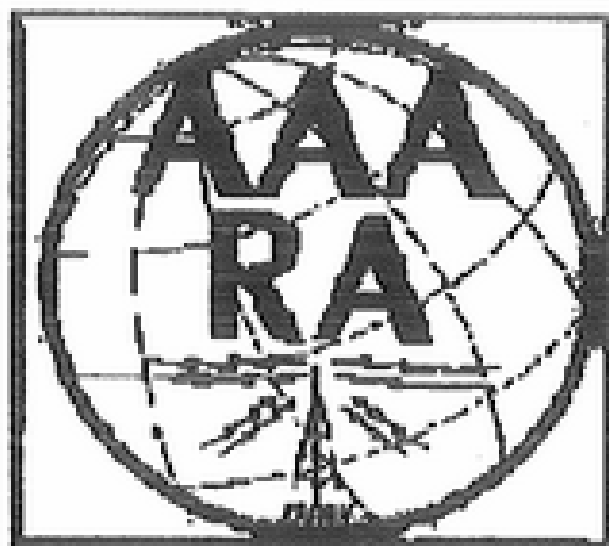
The editor, George Heron, N2APB, says it this way: "We have a dual theme in mind for the content of QRP Homebrewer. The first part is, you guessed it, about homebrewing equipment, gadgets & gizmos, antennas, tools, and other accessories used by QRPers every day. We'll have occasional operating-related and other non-construction articles, but the focus of each issue will be targeted for the technical homebrewer in each of us. The second part of our theme deals with the experience level of our target audience. We're hoping to provide projects, information, ideas and common sense construction techniques suitable for the beginner homebrewing readers...."

Publication will be on a quarterly basis in the months of November, February, May, and August. To subscribe send \$15 (checks made out to George Heron) to George Heron, N2APB, 2419 Feather Mae Ct., Forest Hill, MD 21050.

In early March, I sent in my check and have received issue #1 (65 pages) and issue #2 (75 pages). If you get your subscription in quickly you may still be able to get these two issues. In issue #1 some of the articles include "Which Kit to Build?" By Doug Hendricks, KI6DS (16 pages describing a suggested order for your first kit, your second kit, and then into other choices.) "Portable Antenna Success," by Joe Everhart, N2CX (10 pages of good practical information.) "Workshop Ideas," from the QRP Homebuilder website. In all, there are 16 articles in this issue.

Issue #2 contains 22 articles. The first article is 19 pages of how-to on "Manhattan-Style Homebrewing" by Chuck Adams, K7QO. The basic idea is to simplify circuit board making by taking a board to use as the base and super glue little pieces (1/2 " squares) of circuit board to the base circuit board when you need a connection point as you build along. In the past I have called this "puddle pad" construction. The desired component leads are laid on the pad and held in place with solder. The tips I gained in this article more than justify my subscription. By the way, Chuck was a physics major at McMurry University while I was a couple of rooms down the hall doing chemistry. Back then he was already a hotshot 40-meter cw operator. He has become one of the outstanding personalities in the QRP movement. Another article is "Building a Pixie" by Hap Hurst, WA3PTG. The Pixie is a \$10 transceiver. Don't let anyone tell you that ham radio has to be expensive!

Should you subscribe? Don't plan on borrowing my copies, because the answer is NO! This magazine is going to be worth keeping and re-reading from time to time. If you don't know which end of the soldering iron to grab, that is ok. Experience will teach you, unless you are really into pain and suffering! And from time to time, even I have to remind myself the hard way! Ouch! This magazine will make learning fun and I think you will enjoy it. Come on in and homebrew some items.



Altus Area Amateur Radio Association

AAARA Business Meeting 9 Mar 2000
held at Altus Fire Station #2 (EOC)

Called to Order at 5:40pm by Dale,
N5VX.

Old Business:
Treasurer Report

New Business:
Breakfast Meeting 25 Mar

Building - Blue Room at the City
Auditorium.

AAARA Comm Van - Almost done with
inside panels.

Reviewed consent agenda for general
meeting.

Approved funds for books for the
instructors for the Ham Radio classes at
SWTC.

Meeting Adjourned at 6:30pm

Altus Area Amateur Radio Association
(AAARA) February Minutes
Mail: AAARA, PO Box 8863, Altus, OK
73522-8863.

General Meeting held at Blue Room at the
City Auditorium the Altus Area Amateur
Radio Association was called to order by
the President, Dale Town, N5VX at 7:05
PM Thursday Mar 9, 2000 in Altus, OK.

Introductions - 23 attending.
Last Months Minutes-
Treasurers Report- Read, motioned, all
voted and approved.

Old Business -
The Consent Agenda was discussed and it
was determined that the Consent Agenda
was unnecessary and would no longer be
pursued.

Recall List: This list is to call fellow hams
to remind them about the club meeting. It
is voluntary, but club members are
encouraged to participate.

C&E - The AAARA needs a
Representative for CORA meetings. No
representative at this time.

Testing Session for 22 Feb 2000, was a
success. Next testing will be 11 April
2000, at the Knights of Columbus Hall, on
Racetrack Rd, Altus.

HAMFEST - Mike, W5VXU, talked about
the Hamfest dates and location. We are
looking at 4 Nov 2000 for primary date,
and as back up, 28 Oct 2000.

ARES - Dale, N5VX, is now the area
Emergency Coordinator, EC. All hams
invited to be part of ARES. Meeting will
be 4th Thursday of the month, at 7pm at
the North Main Fire Station in the
conference room located in the basement
of the building. The next meeting 23 Mar
2000

Business Cards - AAARA cards, Mike
W5VXU had a sample of one. He will be
bringing another sample to the next
meeting.

New Business - as follows:

APRS - Dale, N5VX and Jerry, K5QM
brought some samples of an operational
TigerTrak / GPS / transmitter. Dale gave a
mini class on how APRS works, and how
to modify a radio to xmit the signal so you
show up on the screen of APRS receivers
(especially at the EOC during WX
Spotting). Long session and discussion on
it, more on it at the ARES meeting.

AAARA Ham Radio Classes. The 18 hour
amateur radio licensing class is being
presented by the Altus Area Amateur
Radio Association (AAARA) 22 March
through 26 April. It presents the
information required to pass the single 30-
question test requirement for the
Technician Class License.

Altus AFB Air Show - Last weekend of
April. ARES may be asked to help. POC is
Dale Town, N5VX

Mangum Rattlesnake Derby- Last
weekend of April, POC is Fred KC5SRJ.

Lawton Hamfest was CANX.

Storm Spotting - a quick lesson on
Microphone use and techniques, so you do
not chop out on the repeater. More at the
ARES meeting.

ARRL Books - AAARA will have Books
for sale. Voted on Club funds to buy the
books, 1st N5VX, 2nd AB5WQ, all in
favor, passed.

Books for Instructors for Ham Radio Class
- Approved in Business Meeting.

New Business opened from the floor

ARRL Membership or renewal of it- use
the club for it, since the ARRL will give
the Club \$3 for each member who does.

Move Back to SWTC - Alan, KD5GOV
went to the Board and let them know who
the AAARA was. They approved a waiver
of the fee for use of the Vo-Tech. John,
AB5WQ motioned to move back to the
Vo-Tech immediately. No second for the
motion at this time. We will find out more
details being offered by Vo-tech prior to
the next meeting.

Ongoing Projects - discussed.

APRS - in work as a new project. Several
members have it and just getting up and
running.

AAARA Comm Van - inside almost done.
Should be back to Dale's soon.

Field Day - Planning for this will be
George, N1GM. Contact him if would like
to assist him.

The meeting was adjourned 8:45 PM with
everyone looking forward to the next
meeting 13 April 2000 7pm. Plan on the
Blue Room; stay tuned for further info as
we get it. Just may change to SWTC.

Typed by Ron, KD5CYW
Sec/ED AAARA
Email: rroman@intellisys.net

Message from the President:

Wow, has this month gone by fast. The
weather is changing rapidly to spring and I
even had to mow my yard this weekend.
Spring also brings with it the chance of
severe weather, and we've already spent
several hours on the road and in the EOC
spotting storms. I'm sure as the weather

warms and the moist Gulf air returns, we can expect many more late hours protecting our community by offering advance warning of dangerous weather in our area.

Along these lines, we've just about finished installing the APRS system. It is now operational and the APRS digipeater should be installed in its final location on Walsh (Granite) Mountain in the next couple of weeks. This system will allow us to track the exact position of our storm spotters, which should increase their safety factor by allowing net control to know their position in relation to a storm. Jerry, K5QM, was the first to go on line with the new TigerTrack and as of this weekend (25,26 March) we have 18 orders for the TigerTrack. Several others, including myself, are running APRS from home. An excellent source for the understanding and use of the APRS system is the book, "APRS, Tracks, Maps and Mobiles" available from the ARRL.

The club communications van has been returned. The soundproofing looks good and works great. Paul, KD5AFH, is looking for a new brake master cylinder and should have one soon. I'm beginning the installation of the electrical system. Jackie, KD5EDP, and I are about to order the Formica for the counter tops. Hopefully, we'll be operational by this summer. Look for an article about the van in the Sunday (26 March) addition of the Altus Times.

Word has it that Terry, KB5LLI, (Cyril, OK), has obtained permission from the owner of a radio tower on Walsh Mountain to install a voice repeater on that site. The repeater will be a linked system that will link to 146.045 and offer voice communication from the Altus/Granite/Mangum/Hobart areas, all the way to Oklahoma City and as far south as Wichita Falls. This should be a big asset to our area and will be used as the primary link to the National Weather Service during severe weather. The system should be up by the middle of April.

As Ron states in this month's minutes, our meeting place my move again. Apparently the Southwest Technical Center / Vo-tech has reconsidered its decision to ask \$37.50 for the use of the facilities. I'll try to contact them prior to the next meeting to find out more on this subject. If we decide

to move prior to the next meeting, we'll try our best to make it known to all.

Well, that's all for now. There are lots of things to get involved in. Don't be shy.

Respectfully,
Dale Town
President, AAARA

The test session at the Elk City, OK Hamfest 4 March 2000
30 candidates served
One 5 wpm test given
One 20 wpm test given
Eight element 2 tests were given
Six element 3a test were given
Eight element 3b tests were given
Three element 4a tests were given.
Eleven element 4b tests were given
There were 3 'new' No Code Techs received
There was 1 Extra class up grade received.

73's, George NIGM, Altus Area VEC.

Thoughts in the Air, by Ron KD5CYW

Well everyone that showed up at Elk City Hamfest sure had a good time, there was laughing and buying, with smiles on each face as the day went by. Folks found items they were looking for either for them or someone else, good to see Charlie K5TTT and Coy N5OK along with all the folks that make Hamming it Up in OK/TX/KS/AR area fun. I got a New Dual band HT and a 45/35 watt amp. "Mobility", we got to think mobile, since we are in a high area prone for disaster of a Tornado, Flooding, or even a Prairie fire. With the 1 year Anniversary of the May 3rd Tornado brings back to us memories that will live in our minds forever. Yes, without the efforts of Hams and other groups that was spotting, it would have been worse without the radar and dedication we have today to keep the "Heartland" guarded to help the NWS do it's thing with the Watches & Warnings. With ARES teams being a prime source of "Communications" to the area under devastation until life gets back to normality of the proper authorities controlling the scene, we do what we can and how we can with what we have... Batteries and Simplex, and or Repeaters

that survived or a Truck on a hill with a repeater built in to do the ARES job of radio communication.

Hey, does anyone have the grab and go pack done up, for that at the moment call of help? I have some of mine done up in a way that a nice backpack with lots of pockets helps make it nice. I'm sorry for sounding like that "I like pockets", but I do, Cargo Pocket Pants help hold the HT and spare batts, and lots of other things. Does all these military mobility exercises have some thing to do with it, simply putting it as, no not really. I was growing up in CT and loved to go camping and that was the mobility starting point, the military perfected some sorts of what I lacked. Now as a Civilian again that training can even give back more to help those in need when the call is given. Just think, I bought today while out at the lumber yard a Hi-Vis Reflective Vest, an 18"x18" red signal flag, and some Florissant marking tape all for about \$10. I still have the Knife, Spoon, and Fork set from the days of camping, along with that good ole Leatherman Super Tool, a must to have, and well worth it. Well I don't know what this spring will bring this year, but all I can say is that I'm ready if the 'Call' goes forth to help out.

Oh yes, By The Way....

The AAARA Hamfest will be NOV 4th, 2000 so make your plans and mark that in that calendar, Details will be in next month. With also new members joining the AAARA this month. Pam KC0FZW, and Milt KC5FRM, "Welcome Aboard".

Keep it in the clear and watch your rear, you don't know what may sneak up on you as you're out and about from here to there. That's my Thoughts in the Air. Take care till next month, from the Southwest's little corner, This is... Ron KD5CYW, Altus, 73's and good day.

Ron Roman, KD5CYW
Sec/Ed
Altus Area Amateur Radio Assn.
(AAARA)
P.O. Box 8863
Altus, OK 73522-8863
<http://www.qsl.net/aaara>

The Leonard Hanstein Memorial Scholarship

Sponsored by
Oklahoma City Autopatch Association

The selection committee in awarding of the scholarship will use the information requested herein. All information will be confidential and only the members of the selection committee will see the application.

All areas requested would be considered by the committee; however, no single area will preclude an applicant from receiving the scholarship. All applications will receive the same impartial consideration.

If selected, the applicant agrees to allow his/her name to be used in publicity pertaining to the scholarship.

Scholarship recipients will be presented a certificate at a conference in Oklahoma City in July.

Applications are to be returned by June 10, 2000.

Return applications to:

Forrest Rush, N5VWF
2247 NW 55th Street
Oklahoma City, Oklahoma 73112-7716
(405)-842-8486

Applicants must be a graduating High School Senior who is a member, child of a member, or grandchild of a member of an amateur radio operator. Any questions please feel free to call Forrest, N5VWF. Award to be given at the CORA annual Ham Holiday, July 29th.

SCHOLARSHIP APPLICATION Oklahoma City Autopatch Association

NAME: _____ DATE: _____
LAST FIRST MIDDLE

ADDRESS: _____
STREET

CITY

STATE

ZIP

PHONE: _____

A. Submit any information regarding your scholastic abilities. Please include your most recent transcript and any of the following you can.

ACT SCORES: _____

SAT SCORES _____

RANK IN HIGH SCHOOL GRADUATING CLASS: _____

VERIFICATION BY SCHOOL COUNSELOR AND TRANSCRIPT REQUIRED

IN WHAT SCHOOL (COLLEGE, UNIVERSITY, OR VOCATIONAL SCHOOL) ARE YOU PLANNING TO ENROLL FOR THE FALL?

HOW MANY CREDIT HOURS WILL YOU TAKE THE FALL SEMESTER: _____

INCLUDE A COPY OF YOUR CURRENT TRANSCRIPT.

INCLUDE A COPY OF YOUR CURRENT CLASSES.

INCLUDE A COPY OF YOUR SCHEDULE FOR NEXT FALL IF AVAILABLE.

B. WHAT IS YOUR MAJOR: _____

WHY HAVE YOU CHOSEN THIS FIELD? _____

WRITE AND ATTACH A BRIEF ESSAY ABOUT YOUR EDUCATIONAL AND/OR CAREER GOALS.

C. LIST ACTIVITIES IN WHICH YOU ARE OR HAVE BEEN INVOLVED. INCLUDE EXTRA-CURRICULAR ACTIVITIES, SPECIAL PROJECTS, OFFICES IN ORGANIZATIONS, COMMUNITY SERVICE, AND VOLUNTEER WORK.

DESCRIBE ANY ACTIVITIES IN AMATEUR RADIO IN WHICH YOU HAVE BEEN INVOLVED.

D. OUTLINE YOUR WORK EXPERIENCES.

E. SUBMIT THREE (3) LETTERS OF REFERENCE (FROM INDIVIDUALS NOT RELATED TO YOU)

(PART F. TO BE COMPLETED BY AMATEUR RADIO OPERATOR OR RELATIVES OF HAMS)

F. ARE YOU A HAM? _____ IF SO, CALL SIGN: _____

CLASS OF LICENSE: _____

IS ANYONE IN YOUR FAMILY A HAM? _____ WHO _____

HOW IS THIS HAM RELATED TO YOU? _____

I, _____, DECLARE THAT THE INFORMATION PROVIDED FOR CONSIDERATION OF THIS SCHOLARSHIP IS TRUE AND ACCURATE. I GIVE MY PERMISSION TO THE SCHOLARSHIP COMMITTEE TO SEEK ANY INFORMATION AVAILABLE CONCERNING MY ACADEMIC RECORDS.

SIGNATURE OF APPLICANT

DATE

ANTIQUE RADIO CONVENTION

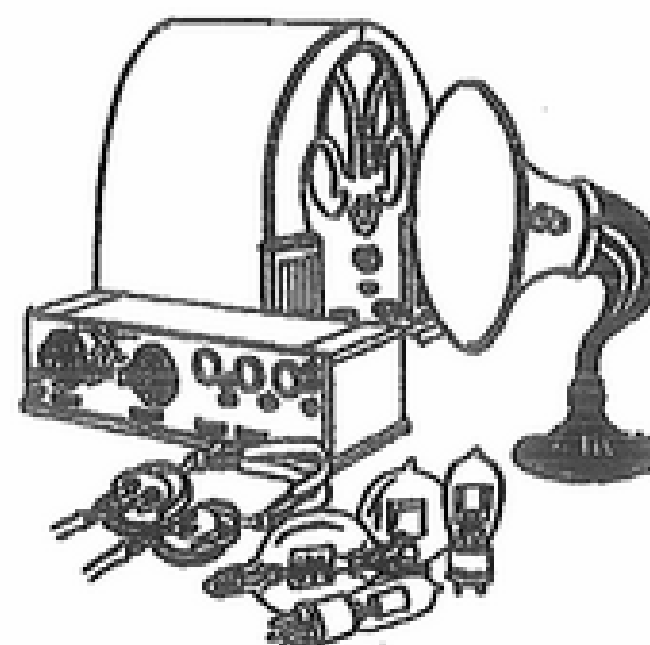
Featuring:

**LARGE SWAPMEET (Free Tables) -- DISPLAY OF VINTAGE RADIOS
ANTIQUE RADIO AUCTION -- CONTEST FOR BEST EQUIPMENT**

**Saturday, April 8, 2000
8:00 AM to 2:00 PM**

**Midwest City Community Center
100 N. Midwest Blvd.
Midwest City, OK**

***FREE ADMISSION
FREE SWAPMEET TABLES***



Here's your chance to recapture the thrill of old-time radio. Oklahoma Vintage Radio Collectors, a non-profit organization seeking to preserve the heritage of the development of wireless communication, is sponsoring this ninth annual antique radio convention. This yearly event encourages the acquisition, restoration, preservation and exhibition of antique wireless and radio apparatus. Join with us in exploring the intriguing worlds of vintage radio and technology.

If you have excess radios, vacuum tubes, "boatanchors," related gear or just old junk, you may have exactly what a collector wants! Seller's tables are FREE! This swapmeet is always a fun, interesting and profitable part of the day! Bring your old goodies, we will have a table ready for you!



Oklahoma City Autopatch Association

Minutes of the OCAPA meeting for March 21, 2000.

Glynn Massey, N5WNL, and president of OCAPA called the meeting to order at 7:30 PM. Introductions were made all around.

Secretary's report: The secretary's minutes for February 15, 2000 were read and approved as printed in the C&E.

Treasurer's report: The treasurer's report was approved.

Technical committee: The 147.210 repeater is back on the air.

CORA Report: Ham Holiday 2000 is on track.

New Business: Loyd, AB5I, set a date of February 20, 2000, to tear off the old roof of the repeater shack and to replace it with a new roof. Hopefully all went well on that.

Don Ayers, KC5BRO, is going to donate a DM224 antenna to the Oklahoma County Emergency Coordinators.

Field Day: Mark Hamblin, WL7FT is Field Day Chairman. The Field Day site this year is MWC Park. The budget was set for Field Day.

Membership: Don Ayers, KC5BRO, made a motion that OCAPA offer a \$25.00 membership that would not include a subscription to the C&E. The Executive Committee (i.e. Glynn Massey, Ron McCubbin, Forrest Rush, Mark Hamblin, Tom Webb) will look at that suggestion and report back to OCAPA on it.

Then OCAPA sat down to watch

"Dxpediton from Campbell Island."

The Dxpeditons callsign was ZL9CI. They had permission to set up on Campbell Island, which is Approx. 170 degrees E. long. and approx. 54 degrees S. Lat. It is a nature preserve and the southern-most possession of New Zealand. ZL9CI operated from one of the rarest and most remote islands in the South Pacific. The film was very interesting, and we all enjoyed it.

Next Meeting: The next OCAPA meeting will be on the third Tuesday in April at 7:30PM. That will be April 18th, 2000. Hope to see you there!

P.S. Two OCAPA plaques related to the April 19th Bombing of the Murrah Building are now hanging in the entrance to the radio room at Salvation Army Divisional Headquarters. N5VWF

Respectfully Submitted,

Forrest Rush, N5VWF
OCAPA Secretary



Choctaw Amateur Radio Club

Choctaw Amateur Radio Club March meeting minutes

SWAP MEET Midwest City Community Center. The next Swap meet will be April 22.

The WIREMAN is planning on being there. The January swap meet had lots of buyers but only a moderate number of sellers. With better advertising we expect a better crowd in April.

As an experiment the club tried something new in March. We had a lunch meeting to make it easier for the members who don't drive at night. There were about 15 people present and several people missed because they forgot to mark it on their calendar. We will probably try it again. We also had a business meeting on the regular scheduled time.

Items discussed were as follows.

On Saturday April 1st several members will meet at Don Clark's house to start preparing for placement of the packet tower there. All members are invited to come help. Things to be done include digging a hole for the tower base, Setting some guy poles and making a gate to access the location. On April 8th weather permitting we will be doing more to remove the tower at the old site. Help will be needed there. This will be an on going project until that site is cleared.

There was also discussion about a possible remote link to the voice repeater to improve coverage to the northwest. The location is yet to be decided. Other ideas to improve over all coverage are still being considered.

Dave Downing demonstrated a \$99.00 Internet computer terminal that can be upgraded at fairly low cost. It has a flat screen display with the processor built into

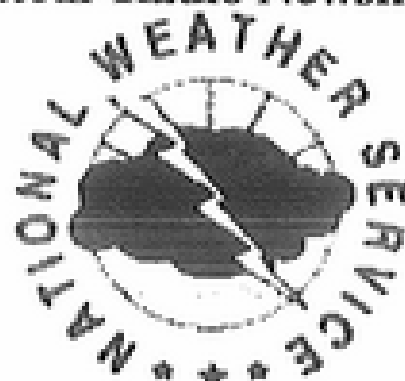
the display. The display is a color LCD. It looks like it might have a lot of potential.

With the storm season now on us, a good storm spotter frequency to monitor is 151.445. This is the Oklahoma County net.

Be sure to pass the word on to everybody about the April SWAP MEET.

Don, N5ENQ

More Amateur Radio Newline:



Emergency Comms: New NWS Severe Weather Preparation Plan

Meantime, the National Weather Service wants to turn America's communities into a storm-fighting machines. This, as the agency unveils its long awaited nationwide version of its StormReady program. Newlines David Black, KB4KCH, has more:

StormReady is really a code of principles and techniques the National Weather Service claims will better prepare Americans to face severe weather from floods to tornadoes to hurricanes. It was developed by the National Weather Service office in Tulsa which has been running the pilot program for a year in eastern Oklahoma and parts of Arkansas.

StormReady encompasses just about everyone in a given municipality who is involved in severe weather prediction and emergency preparedness. This, includes hams and C-B radio operators.

To be dubbed StormReady, a community must have a 24-hour warning system in place as well as an operational emergency operations center. It must also have more than one method of alerting the public in case of a storm and have a weather-monitoring system. A public readiness program involving seminars and exercises is also required.

The program calls for regional advisory boards to examine cities that want to participate. Also, a StormReady designation would have to be renewed every two years.

From Birmingham, Alabama, I'm David Black, KB4KCH, reporting for Newline.

The National Weather Service hopes that many cities across the nation will become a part of StormReady. This means even more chances for hams to provide public service to their communities.

(NWS Release)

Ham Radio In Space: Can Ham Radio Absorb Iridium?

The bankruptcy of a global satellite telephone system could wind have an impact on ham radio. Or maybe not.

Failed satellite telephone company Iridium, now operating under bankruptcy protection, seems to believe that it is better to burn out than simply fade away. Facing little chance of any financial recovery, the company will says that it will vaporize its 66 satellites -- which cost \$5 billion to \$7 billion -- by deorbiting them and letting them burn up in the Earth's atmosphere.

Iridium's worldwide satellite-based mobile phone network proved to be the wrong product at the wrong time. The hardware as well as the airtime was very expensive. The phones were heavy and not all that easy to set up and use. Because of the Iridium phones never caught on with the business and emergency services sectors which need communications into isolated areas.

But an alternative may have arisen in the last week or so. Using the Internet reflectors, some hams are urging the worlds Amateur Radio political leaders to contact the IRIDIUM consortium. Hams want their leaders to ask that the 66 satellites be donated to Amateur Radio for experimental and educational work by members of the world wide Amateur Radio community.

So far it is not known if anyone in ham radio's political leadership has contacted Motorola which is the senior IRIDIUM partner to make such a request. If nobody does, and if IRIDIUM simply abandons station keeping the birds, they will eventually plummet in a fiery display from their current orbit position some 485 miles above Earth.

Will the worlds ham radio leaders cease on this once in a lifetime opportunity? Only time will tell.

(Newline, VHF Reflector, Space Reflector, ports)



OKlahoma DX Association

From Da' Prez

By LARRY SHIMA, WØPAN

We had a great turnout for the OKDXA meeting at the Green Country HamFest. It is always a pleasure to have an eyeball QSO with the folks who make the box with the knobs & switches come alive! We welcomed four new members recruited at the OKDXA display table. As a veteran HamFest attendee, I was quite impressed with this year's facilities and heard many good comments from other attendees. Ross Hunt, K5RH performed a very valuable service for two newcomers to DXCC by checking their QSL cards. It is a time consuming task and is truly a labor of love for the hobby. Ross was assisted by Coy Day, N5OK as the second QSL checker.

April 1, 2000 marks the beginning of a new QSL checking program with only one Official Checker required instead of the two required under the old rules. Ross Hunt, K5RH and Cliff Sikes, N5UW (ex AB5UA) have volunteered to be appointed as Official QSL Checkers. Ross is now the Oklahoma Section Official QSL Checker per his nomination by ARRL Section Manager Charlie Calhoun, K5TTT. Cliff Sikes, N5UW was nominated by the OKDXA as our Official QSL Checker after approval by the Board of Directors. I want to thank both of these gentlemen for taking on their assignments, as it is a very important function in the DXCC program.

OKDXA Y2K COMPETITION logs should be sent to me no later than April 30th so we can tabulate the results and get the awards out to those who earned them.

At our March 25th meeting, several suggestions were made about reviving the 5 Million Score certificate program for the serious contest enthusiasts among us. Such a program could again be sponsored by the OKDXA as it once was. To be successful, the program needs a dedicated statistician to maintain the records of all participants. This is a long-term project and will require a long-term commitment to do the work. If you feel up to the challenge, please contact

me and we will discuss it further. The concept involves awarding participants a special plaque when they've accumulated 5 Million total contest points over a long period of time.

HAM HOLIDAY 2000 in OKC will be our next in-person meeting. As provided for in our Constitution and By-Laws, we will elect new officers for the next term beginning October 1, 2000. By the time you receive this Newsletter, I will have appointed a search committee employing the classic Armstrong method of volunteer motivation to secure willing nominees (and others) for the officer elections and to serve on a committee to find a time and place for the OKDXA Banquet this fall. Stand-by for a phone call.....!

The Shure Model 55 Dynamic has been a standard in the entertainment industry since its introduction in the late 1940's.

Older versions are prized among many collectors and often referred to as 'The Elvis Microphone'



The rumor mill had it there were better than 150 people lined up at Green Country 2000 for the VE Session that started at 10am and ended at 7pm – I'll bet that set a record that stands for a while! Congrats to the team handling the exams and thanks for giving us the opportunity to get that elusive upgrade underway. In 1975 (I think that was the year), I was able to convince the ARRL Board to approve a concept of having a Volunteer Examiner program. It only took the FCC 9 years to implement it! In last month's column I talked about the need to deal with change and to actively participate in it. If you do, you just might be surprised with the outcome of that effort. Our leaders Coy Day, N5OK; David Woolweaver, K5RAV; and Jim Haynie, W5JBP are committed to changing Amateur Radio to better serve the Hams in the years ahead. They need your input and support to be successful in their efforts. Listen closely to their message as what they say and do will improve the future of Amateur Radio for us and future newcomers to the hobby.

I hope you get those new countries we are hearing about! And I'll be listening for you on **MONDAY NIGHTS @ 6:30pm 3860+/- THE OKDXA NET.** 73 and good hunting!
— WØPAN

Secretary / Treasurer Report

By JERRY CHOUINARD, K5YAA

We're pleased to announce our four newest members, all recruited at Green Country 2000:

ROBERT J. WINTLE, Jr. NØQXC
2712 Morton
Parsons, KS 67357-4443

KENNETH B. SPARKS KT5RR
Box 123
Bluejacket, OK 74333

TERRY R. HACKWORTH K5HP
4224 Ryan Dr. N.E.
Piedmont, OK 73078

MARK DUENSING KD5DLL
4634 South Madison Place
Tulsa, OK 74105

Let there be 'No Doubt' they're already enjoying the legendary (and imaginary) fame and respect that comes with every OKDXA Membership. When you hear them on the air, be sure to key up and welcome them to the Association!

Happenings and minutes of the OKDXA meeting at the Green Country HamFest: 25 members and guests were present.

OKDXA President, WØPAN called the meeting to order at 2PM and introduced the club officers. For the benefit of our new members and guests, activities and objectives of the OKDXA were stated. The President spoke about our last meeting on September 25th in Midwest City, and in particular about the banquet and guest speakers. Input from interested members willing to serve on a committee to locate a facility for the upcoming banquet this fall was requested.

The Secretary/Treasurer gave a report on the number of current OKDXA members and the bank balance.

Discussions followed on a suggestion to promote and recognize more interest in DX and contest activity through formation of a point club, the deadline for the OKDXA Y2K COMPETITION logs, and DX Packet Clusters and repeaters in the

Oklahoma City area. Current DXpedition activity by OKDXA members K5TT and W5AO at VP5V during the WPX SSB Contest was also mentioned.

All were thanked by the President for their attendance and the meeting adjourned.

— K5YAA

From Da' Editor

By NELSON DERKS, KC5QVV

Well... How about the Tulsa Technology Center in Jenks? Talk about a sweet place for a HamFest, the biggest problem for the out-of-town folks was probably finding their way back to US-75. Clean, large, good lighting, plenty of parking, the only complaint I had was the lack of anyone offering a near-mint Drake 'C' Line HF station for under \$20.00. Maybe next year. I might go as high as \$30.00 if it comes with the original box and manual. I'm not hard to please, am I? Did any of you hang around for the auction? You could have picked up a genuine Realistic 23 channel CB for 25 cents, which makes the 'C' Line a little pricey by comparison, but I think the extra bands are worth it. I was tempted to buy one, then hand it over to W5TAZ and tell him he's a 'Good Buddy' again... Glad I didn't... He might have taken it the wrong way and proctologists don't work on weekends. Also, was I the only one who took a good look at the hangar doors? The last time I saw anything that big move, it had 'Union Pacific' painted on it. I trust everyone had a good time.

On Sunday afternoon, by coincidence, I wandered up to <http://www.eham.net> to find a new topic up for discussion: "How Will E-Commerce Affect HamFests?" An interesting thought. It takes a lot of work to organize a HamFest, and the sellers (especially the larger dealers) definitely earn their keep hauling their goods around the HamFest circuit. I hope you'll take the time to let them know you appreciate the effort whenever you buy something, no matter how small, at a HamFest.

Why would you do that? I have a hunch the Ham swap meets are going the way of the dinosaur. They'll be fewer, smaller, and less likely in all but the larger cities. The internet is just too easy. Remember when you used to run down to Dallas in the early 80's for the Sidewalk Sale? The selection of radio gear was incredible, a tinker's paradise. The swap meet today is bigger than ever, but try finding radio gear or test equipment. Slim-To-None. It's all

computer stuff. Fire up your computer (go figure!) then hit the web looking for Ham gear and it's better than the Sidewalk Sale ever was. You can find anything you want. Anything. There are repro tuning drum overlays for the Collins 51J series on eBay, all crispy and white. Have you ever seen them at a HamFest? How's that for a niche market? Yeah, prices tend to run a little higher and you will pay shipping, but I've made plenty of keyboard deals before putting my shoes on without the joys of sleep deprivation or Texas perspiration.

So, how does a guy like me come to know so much about vintage Ham gear? Years of prowling HamFests and swap meets. Can you see the Catch-22 coming? Yeah, you know where this thought is going. HamFests play a role in 'Hamming Up' the participants, but I have a hunch future generations will survive without knowing what an R-388/URR looks like. Within a year or two I suspect most Hams will do almost all of their parts scrounging on the web. Many of you already do. I have little doubt swapping Boat Anchors 'eyeball to eyeball' will remain a Ham tradition (for a while), but relying on the swap meet as the big HamFest draw will give way to better forum programs and other attractions if a HamFest hopes to prosper.

Now that you're lathered up and ready to roll, your next chance will be in Joplin, Missouri on Saturday, April 15th. Visit <http://www.joplin-arc.org> and see what the JARC has in mind for this year. Betcha' there's a crowd at the VE Session...!

— KC5QVV

OKDXA's W5DX TO ZS2 FOR DX OP

Please let other members of the Oklahoma DX Association know that I will be operating from Alice Dale, South Africa as ZS2/W5DX from April 2 through April 14, 2000. I will be working all HF bands both phone and CW. I can most likely be worked at the gray line on 28.400 +/- QRM. I'll be listening for the 5-Landers and work as many as I can. QSL's will be direct only to the home call book address. SASE requested. 73's

— Paul S. Harrop, Sr., W5DX

OPDX Bulletin - Internet Edition

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

4S, SRI LANKA

The "DX News Letter" reports that Mario, HB9BRM will be active as 4S7BRG until May. Activity on all bands with 100 watts into a Yagi, Delta-Loop and Dipoles. QSL via USKA-bureau to HB9BRM.

John, NZ9Z will be visiting here April 1-23rd. He plans to operate SSB and CW, and perhaps some RTTY on all bands from 80 through 10 Meters. He is hoping to get the call sign 4S7NZG (the "G" is for guest operators). He will be using the NCDXF/IARU beacons to spot openings to North America on the higher bands. (The 10-Meter 4S7B beacon has been heard shortpath in the Midwest about 1530Z.) QSL via W9DXA, the NorthEast Wisconsin Dx Association (NEWDXA).

4W, EAST TIMOR (New one to work!)

East Timor is now a new DXCC entity which brings the DXCC entities total to 333. The 4W prefix may confuse some old timers in DX'ing as this prefix used to belong to the Yemen Arab Republic before North and South Yemen reunited as one country (Democratic Republic of Yemen, prefix "7O") in May of 1990. For DXCC purposes, UN Temporary Administration of East Timor will be added to the DXCC List with the effective date of March 1, 2000. QSL cards for QSO's made after that date will be accepted starting October 1, 2000. Currently, there are a few stations active. Listen for Ross, VK8UN, to be active as 4W6UN. He has been spotted on 40, 20 and 10 Meters, CW & SSB. QSL 4W6UN via VK3OT. Also, listen for Thor, TF1MM to be active as 4W6MM. He has been very active on 20 and 10 Meters CW (usually after 1100z for a few hours and again after 0230z). QSL 4W6MM via TF1MM. The UN Amateur Radio Club station, 4U1ET is supposed to be active, but no QSN reports so far.

4X, ISRAEL

David, W5WP will be traveling here July 2nd and stay until the 20th. He will visit with Shimon, 4X6RD and use his station (with his transceiver - IC-706MKII with filters and DSP) on CW, SSB and RTTY.

5I, TANZANIA (New IOTA DXpedition) Nasser, A41KG announces the members of the Royal Omani Amateur Radio Society are planning IOTA DXpeditions to activate the Toten Island (Group of Tanga Islands) in Tanzania from July 2-12th. The Tanzania Authorities have allocated the special call signs 5I3A and 5I3B. They

plan to establish three stations on the island and operate all bands on SSB, CW and Digital. More details later. Organizers are Nasser, A41KG and Salim, A41JV.

6W, SENEGAL

YL operator Marie, 6W1RB seems to like 20 Meters. Her activity is usually between 14175 and 14190 kHz after 0230z until as late as 0500z. She has also been heard on 14295 kHz at 2150z.

6Y5, JAMAICA

Listen for Curtis, KE3Q to be active from May 8-14th (no call sign given). Activity will be CW only on all bands. QSL's are via KE3Q; QSL cards can be picked up at the Dayton Ham Vention.

7P, LESOTHO

South African Hams Deon, ZS5DCF and Leon, ZS5LS will be active on SSB only from April 23-27th as 7P8/ZS5DCF and 7P8/ZS5LS. They will operate from the Maluti hospital in Lesotho. Gary, ZS5NK says photocopies of their licenses will be sent to the DXCC desk. QSL to: PO Box 401219, Redhill 4071, Republic of South Africa. For direct QSL's please send a S.A.S.E. with one IRC or 1 green stamp. Or, QSL through the SARL QSL Bureau.

A German team will be active from Lesotho for 3 weeks between July 3/4th and July 22nd as 7P8DX. There will be 3 stations active on CW / SSB / RTTY on 160-10 Meters and 6 Meters (if available). QSL manager will be DL7VRO via the bureau. Direct: Fritz Bergner, Sterndamm 199, D-12487 Berlin, Germany. Check out the "7P8DXpedition 2000" Web page at: <http://www.qsl.net/7p8dxpedition2000>

BQ9P, PRATAS ISLAND

Excerpts from a press release provided by Jimmy, BVAS states the Chinese Taipei Amateur Radio League (CTARL) says a team of 13 experienced DX'ers from Taiwan, Japan and the USA will return to Tung-Sha Dao (Pratas Island) in April to reactivate BQ9P. The operation is expected to begin April 5th, and continue until 2100z on April 12th. They plan to have six or seven operating positions from two locations on the island. Activity will be on 160-10 Meters CW/SSB/RTTY and SSTV. Suggested frequencies are:

CW - 1826.5, 3504, 7004, 10104, 14024, 18074, 21024, 24894 and 28024 kHz

SSB - 3790, 7085, 14195, 18145, 21295, 24495 and 28480 kHz

RTTY - 14083, 21083, 28083 kHz

SSTV - 14230 kHz

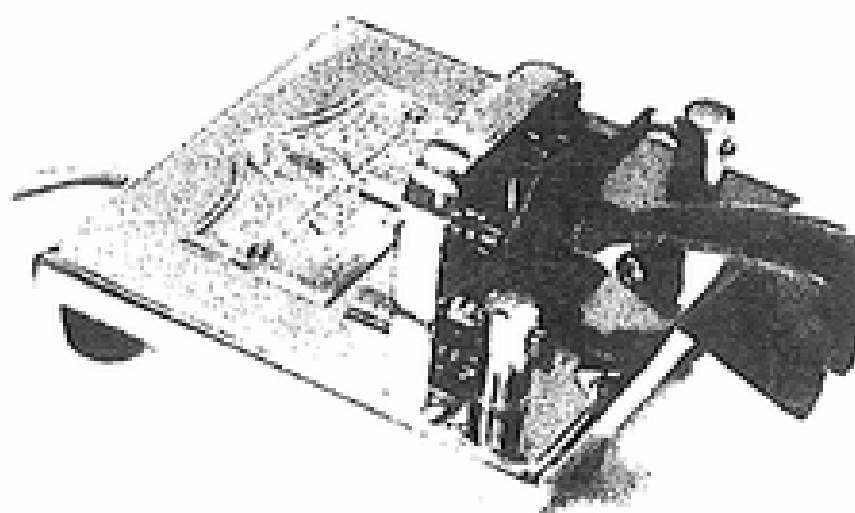
QSL cards can be obtained from KU9C: Steve Wheatley, PO Box 5953, Parsippany NJ 07054-6953 U.S.A.

BY, CHINA

Jari, OH2BVE has accepted a two year contract in Beijing. He will use the club call sign BY1DX and may activate other club stations, as well. He plans to use the WARC bands after a bit of antenna work and activate the low bands 160-80 Meters. Jari will usually start on Sundays at 0800z on 21325 kHz to work OH stations and Europeans but will work other parts of world, SSB and CW. Jari suggests sending QSL's via the bureau to OH2BVE or direct to Jukka Klemola, Aarontie 5, 31400 SOMERO, FINLAND. Jukka will act as a maildrop and deliver the cards to Jari through other routes.

C2, NAURU

The "DX News Letter" reports that Jack, VK2GJH and Nev, VK2QF intend to operate as C21JH and C21/VK2QF in March and April. Activity is planned for the HF bands and 6 Meters. QSL C21JH via VK2GJH: Jack Haden, Box 299, Ryde, NSW 1680, Australia. QSL C21/VK2QF via VK2QF: N E Mattick, Hargraves, NSW 2850, Australia.



CY9, ST. PAUL ISLAND

Richard, AI5P says Duane, WV2B; Rich, AI5P; Henry, KE1AC and Rob, WA4RX plan to activate this island July 6-10th. While this may not be a rare DXCC entity, St. Paul represents a difficult challenge to activate. The group is looking for sponsors to activate. The group is looking for sponsors contact Richard, AI5P for more info. Visit <http://www.geocities.com/Heartland/Pines/7651/DXpedition.html>

EP, IRAN

Mac, W3HC reports Abdulah, EP2FM is active most days, SSB, CW and RTTY usually around 0230-0400z or a little later on his working days, and quite longer on Fridays. He is also active around 1500z. It was mentioned that station EP3PTT, set up by the administration, operates on 20

Meters SSB from around 1200z up to 1700z on the weekdays (however, they are closed on Fridays and holidays). Listen for Massoud, EP2ES operating EP3PTT on Sundays and Mondays, who usually joins the LAZY-DX-NET on 14183 kHz from 1300z on Sundays. The Net Control is Bandi, HA5CQ, from Budapest.

FT5W, CROZET ISLAND

The "LNDX" reports that Alain, FT5WI arrived last November and will be active for a year. He is new to DX Pile-Ups, so please be patient! QSL via F6KDF.

FW, WALLIS ISLAND

Guy (ex-FR7ZL/T/G/J) has been signing FW5ZL since January 7th. He is active on 15 to 20 Meters (watch 14195, 14015, and 21240) after 0700z and again at 1100z. QSL to: Guy Petit de la Rhodiere, B.P. 2, Mata-Utu, Wallis Island 98600 via France.

JT, MONGOLIA

"The 59(9) DXReport" sez Flo, GM4DMA might be active as JT1FCR from April 18-30th. QSL via GM4DMA.

JW, SVALBARD

Leif, LA2PA and Oystein, LA7QI will be signing JW2PA and JW7QI respectively from May 1st to May 8th. If propagation permits they will concentrate on 12 and 10 Meters SSB and CW.

KC4, ANTARCTICA

The operator from Amundsen-Scott South Pole Station, KC4AAA is Dave who will be there until November. He has been active on 14243 kHz between 0230 and 0500z; listen for him to show up on 18111 kHz after 0100z. QSL to K1IED, Larry F. Skilton, 72 Brook Street, South Windsor, CT 06074, USA.

PJ4, BONAIRE

Albert, HB9BCK will be active as PJ4/HB9BCK from April 9-22nd on 80-6 Meters, CW/SSB/RTTY using an IC-706 and a G5RV/GP or Loop Antennas. QSL via home call sign, direct, or bureau.

PZ, SURINAME

"The 59(9) DXReport" says Ramon, PZ5RA is active on 20 RTTY after 0400z.

S05, WESTERN SAHARA (new prefix) Operators Naama, S01A; Mehdi, S0RASD; and Arseli, EA2JG will activate the new prefix S05R, April 17-23rd. More info: <http://personales.jet.es/ras/s05r.htm>

TXØDX DXPEDITION QRT*(Received via e-mail 3/28/00 – KC5QVV)*

The weather has been deteriorating over the last 2 days with the seas building from a strong north wind coming down from a storm thousands of miles north of our position. The problem is that the SSB site at the north end of the island cannot be loaded near the shore due to the terrain and high surf. All the equipment had to be carried a quarter of a mile to the CW site at the south end for loading into the ship. The team passed the word to the pilots there would be a meeting at 0100Z with the captain to decide whether or not to leave. The seas will be getting worse in the next 24 hours and the decision apparently has been made to "pull the plug" because "QRT for good" was copied at 0040Z and spotted at 0050Z. The lack of SSB today was also an indication they had started to dismantle the SSB set up and begin packing it down to the staging area. The goal was 70K Q's and even though they had to leave early by about 24 hours, they will have come very close. There were a lot of happy campers around the world as 80 Meter SSB signals from a low dipole filled the logs of the deservings on the low band. There was no 160 Meter operation as the goal from the beginning was to get the new one into the logs of as many DX'ers as possible rather than to get a "clean sweep" for just a few. The weather has been watched closely the whole time and because this is typhoon season the possibility of having to cut the stay short was always there. It looks like Mother Nature, after providing the best weather at the Chesterfields in three months, decided it was time for a change. — N4GN

UZ8, UKRAINE (New Prefix!)

Listen for the new prefix/callsign **UZ8RR** to be active on all bands 160-10 Meters CW ONLY. The QSL Manager is W3HC: Carl F. McDaniel, 2116 Reed Street, Williamsport, PA 17701-3904, USA.

VKØ, MACQUARIE ISLAND

Alan, VKØMM reports: "Due to recent interference to the Ionosonde / Riometer receivers and Upper Atmospheric Physics equipment, the Senior Communications Engineer on the island has limited the operation of VKØMM to a window of frequencies between 10 & 15 Megahertz until further notice."

VK9W, WILLIS ISLAND

An operation from here will take place in May 2000 using the call sign **VK9WI**. Willis Island is located in the Coral Sea at approximately 16 deg 17 min South, 149 deg 57 min East. It is a manned Australian weather station and separated by more than 350 km from the rest of Australia. The team will depart Bowen, Queensland, around May 6th and expect to arrive on Willis Island around May 10th and plan to be on air for approximately 10 days.

Suggested frequencies are:

CW - 1829(?), 3504, 7004, 10104, 14024, 18074, 21024, 24894, 28024 and 50115.

SSB - 3790, 7085, 14195, 18145, 21295, 24945, 28480 and 50115 kHz

Generally, the **VK9WI** operators will be running split and announce their listening frequencies as appropriate. **VK9WI** QSL's will be handled by **VK4APG**: P.J. Garden **VK4APG**, 58 Minerva Court, Eatons Hill, Brisbane, Australia In addition to "Green Stamps", any donations to assist with the costs of the DXpedition will be gratefully received and acknowledged. Cards also may be sent via the VK bureau: Attention **VK4APG**. Visit their web page at:

<http://www.qsl.net/vk9wi/index.htm>

VQ9, CHAGOS ISLAND

Patrick, W3PO will be signing **VQ9PO** from Chagos Island until May. He has been spotted on 20 Meters CW after 0300z for a few hours. After 20 Meters he moves to 12 and 10 Meters SSB. QSL via W3PO.

ZK1, COOK ISLANDS

Gerard, PA3AXU had to cancel his trip to Niue, as travel from the Netherlands was uncertain. His new schedule is now:

South Cook Islands July 3-7th; from Rarotonga, SSB/CW/RTTY/PSK.

North Cook Islands July 8-15th; from Penrhyn, plans for all modes, however payload weight in the plane is limited!

South Cook Islands July 15-20th; from Rarotonga. For more details, visit: <http://www.qsl.net/pa3axu/zk.htm> Gerard states "Any support is welcome !!!"

IOTA NEWS

AS-056 Masa, **JA6GXX** will be active from Danjo Archipelago during the next few months as follows: April 6-18th, April 28th through May 10th, May 30th through June 9th and June 30th through July 11th. This is not a DXpedition, he will be active in his spare time. Suggested frequencies are: 14260+/-5kHz or 21260+/-5kHz. QSL via Bureau only.

EU-004 Operators **EA5KW**, **EA5AKM**, **EA5FKT**, **EA5SS**, **EA5GOR**, **EB5BQC** and **EA5GMA** will activate Ibiza Island April 14-17th. The group plans to use all modes and sign **EA6/homecall**. **EA5KW** and **EA5AKM** will operate **PSK31**, **RTTY** and **CW** to work as many Americans and Asians as possible. All others will work **SSB**. QSL to **EA5KW** via the Bureau (preferred) or direct: Jose Maria Martinez Juan, Poeta Zorrilla, 52-1-IZQ, 03600 Elda, Spain.

EU-032 Le, **F6HMQ**; and Guy, **F5BLN** will be signing homecall/P from Oleron Island from May 6-13th with two stations on all bands.

EU-038 Gino, **ON1DAN** reports that his group will be active from Texel Island starting April 28th until May 1st. The call sign will be announced on their web page when known. <http://www.vra.be/texel>

OC-101 & OC-102 Bernhard, **P29VMS** is planning to try for Feni Island (**OC101**) and Tanga Island (**OC102**) or possibly another island (not new).

SA-072 Listen for **PS8DX**, **PS8ET**, **PS8HF**, **PS8PY**, **PS8NF**, **PU8PYK** and **PT7AA** to activate Ilha das Canarias (Arquipelago de Caju) from April 20-23th. They will use the call sign **ZW8CI** on 80-6 Meters, CW & SSB. Other reference numbers are: **DIB-72** and **DFB PI-01** (Ponta das Canarias). QSL via: Teresina DX Group, PO Box 96, Teresina/PI, 64001-970, Brazil.

SA-079 Operators Alex, **PY1KS**; Alex, **PY1TIA**; Soni, **PY1SL** and Soni, **PY1NX** will operate from Rasa Island (**DIB-054** and **DFB-RJ-10**) beginning 2100z, April 14th through 1800z, April 16th. Listen for stations **ZV1IR** (SSB) and **ZW1MB** (CW) to be active with two stations on the air. Activity will be on 80 through 6 Meters. Suggested frequencies are:

SSB - 50115, 28460, 24960, 21260, 18160, 14260, 7060, 3790 kHz.

CW - 50115, 28025, 24895, 21025, 18075, 14025, 10110, 7007 and 3505 kHz. QSL via **PY1AA** to the bureau or direct to **PY1AA**: **LABRE-RJ**, P.O.BOX 58, Rio de Janeiro - RJ, 20001-970, Brazil.

MISCELLANEOUS NEWS

K5FUV RESIGNS FROM THE ARRL

Dave Sumner, **K1ZZ** reports Membership Services Manager Bill Kennamer, **K5FUV** has submitted his resignation from the

League's staff effective March 28th. The only reason given was that "Bill and his family have compelling reasons to return to Arkansas." Dave Sumner, K1ZZ states, "Bill has made great contributions to the ARRL and the DXCC program since he joined the staff in 1992, and he will be greatly missed. He has promised to do what he can to effect a smooth transition. I know you all join me in wishing Bill the best. While he has very mixed feelings about leaving, I know he's looking forward to again living in a place where people don't speak with an accent....."

RADIO AMATEUR OF THE YEAR

The "ARRL Letter" reports the Dayton Hamvention has announced DX'er Martti Laine, OH2BH was named the Dayton Hamvention's Amateur of the Year for 2000. Congratulations to Martti. For more details, see the March 3rd "ARRL Letter".

DXCC ENTITIES LIST AVAILABLE

Dean, K7NO has an Excel file showing all current DXCC entities (including East Timor) that provides heading, reciprocal and distance for each entity. Anyone wanting the spreadsheet should send E-mail to Dean at: dnorris@k7no.com He will send a zipped file unless otherwise specified. This file is compatible with the Excel 97 and 2000 series .XLS format.

RUSSIAN ADDRESS UPDATE

Eugene Bugrimov, RN9XA reports that "QRZ" had some problems with upgrading their CIS databases, but all is OK now. We have received updated information from Alex, RA4HT stating the situation with Russian addresses on "QRZ.com" was corrected on February 20th.

ARMED FORCES DAY 2000

From the ARRL: "Although Armed Forces Day will be celebrated on Saturday, May 20, 2000, the Secretary of Defense has designated May 13-21, 2000 as Armed Forces Week. To avoid a conflict with the Dayton Hamvention, the Army, Air Force, Navy, Marine Corps, and Coast Guard are co-sponsoring their annual Amateur Radio communications tests in celebration of the 50th Anniversary of Armed Forces Day on May 13-14, 2000."

SPECIAL EVENT STATION

Listen for the special call **IRØMA** to commemorate the birthday of "Roma". It will be active on all bands between April 21-30th. This call also counts five points

towards the "Natale di Roma Award". QSL via IØMWI direct only with SASE.

"NATALE DI ROMA" AWARD

The third "Natale di Roma" award will be issued to Amateurs and SWL's by the A.R.A.C. and Municipality of Roma to promote amateur radio activity on the 2,753rd birthday of the "Eternal City". It may be claimed for having scored at least 20 points by making contacts with amateur stations located in the province of Roma. The same station contacted on different bands, modes, or days can be considered as separate contact from 00.00 UTC April 15 to 24.00 UTC April 30.

Each claim must be accompanied by a QSO list with the call signs of stations worked, dates, bands and mode of the contacts, and a final score meeting the requirements of the award. Send logs to: Stefano Cipriani - IØMWI - Via Taranto, 60, I-00055 Ladispoli (RM) ITALY
E-mail: i0mwi@qsl.net

Each application must include 10.00= \$us. or 20.000= £it. and will be accepted only if received not later than August 31, 2000. The Award will be printed in full color on parchment paper with a characteristic sight of Roma and will be signed by the Syndic of the City, Mr. Francesco Rutelli. The best qualified Hams in each class will also receive a handsome plate in recognition of their excellent performance.

LU, ARGENTINA (Special Prefixes)

Celebrating the 75th Anniversary of the IARU, all LU stations will be on the air from April 15th to April 23rd, using the following special prefixes:

All LU stations will use an L4 prefix.

All LW stations will use an L5 prefix.

All AZ stations will use an L6 prefix.

LU4AA, the Radio Club Argentino will be on the air using the special call sign AY1ARU. The Radio Club Argentino, National Member Society of IARU will issue two awards:

1. 75th Anniversary of the IARU. Issued in four classes: As many different special prefixes as possible, L41 to L49, L51 to L59 and L61 to L69.

2. Founder Countries of IARU. Issued in three classes, contacting as many different founder countries of IARU as possible according to the list. Additional info can be found at: <http://www.lu4aa.org>

STAND AND DELIVER, MATEY!

Phil, GUØSUP, RSGB QSL Sub-Manager for the GU/MU series call signs, has been getting a number of QSL cards for three call signs that have been pirated:

(GU4GMW) has been in the CQWW CW Contests of 1998 and 1999. The call belongs to G4GMW who has NEVER operated from Guernsey, and is not likely to go there in the foreseeable future.

(GU2ENK) This call was never issued, so the user is definitely a pirate. This call has turned up in the ARI CW Contests in April over the last two years.

(MUØAWR) K2WR was licensed as MJØAWR and active in the 1999 CQWW CW Contest. MUØAWR was spotted on various clusters before, during and after the contest, and Phil knows he has not operated this call sign from Guernsey. Phil states he has a large number of cards for these calls that it is not practical to return them as the postage would be outrageous.

Reports claim someone is using the call of Roberto, (YSICO) who became a silent key on February 13th. An El Salvador radio club has been receiving QSL's for contacts made after Roberto's passing.

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*

MONDAY, APRIL 10

VHF/UHF Spring Sprints, sponsored by the East Tennessee DX Association, 144 MHz, 7 PM to 11 PM local time on Mon, Apr 10. (Other Spring Sprint dates are 222 MHz on Tue, Apr 18; 432 MHz on Wed, Apr 26; 902 MHz/1296 MHz/2304 MHz on Sat, May 6; and 50 MHz on Sat-Sun, 2300Z, May 13 to 0300Z May 14.) The 902 MHz, 1296 MHz, and 2304 MHz Sprints will run simultaneously on Sat, May 8, 6 AM to 1 PM local time; you may work any five consecutive hours during this time period. The 902, 1296 and 2304 MHz Sprints are separate, but run concurrently. The usual VHF/UHF rules apply. Exchange grid-square locations (see Apr 1994 *QST*, p 87). Signal reports are optional. Score 1 pt per valid QSO. Final score is QSO pts × grid squares. Contests are separate; there is no accumulation of scores. The official entry forms, found in the 1998 *ARRL Contest Yearbook*, are

recommended. Logs must indicate time, call sign and complete exchange for each valid QSO. Multipliers must be clearly marked in the log. Submit separate log and summary sheets for each Sprint entered. Awards. Mail entries to: East Tennessee DX Assn, 1620 Hidden Hills Dr, Clinton, TN 37716.

WEEKEND OF APRIL 15-17

The TARA PSK31 Rumble, sponsored by the Troy ARA. 0000 through 2400Z, Apr 15, PSK31 only. 80, 40, 20, 15, 10 and 6 meters. Work stations once per band. Exchange name, state / province; DX send DXCC prefix. Operate 1 of 5 categories: *Normal*, 100 W max; *Great*, 20 W max; *Super*, 5 W max; *Novice* or *SWL*. Final score is QSOs \times (W + VE + JA + VK call areas + 1 point per DXCC entity including your own). Multipliers count once per band. To be valid, scores must be received via our online score submission form <http://www.qsl.net/wm2u/score.html>. Logs must be available for review if requested. Entries must be received by 30 April 2000. Please read rules for exact contest frequencies and other information at <http://www.qsl.net/wm2u/rumble.html> or <http://www.n2ty.org>.

Michigan QSO Party, sponsored by the Mad River Radio Club, from 1600Z April 15 until 0400Z April 16. Stations may operate the full 12 hours. Phone and CW. 80 40 20 15 10 meters. Single op, multiop and mobile; only one transmitted signal at a time. Work stations once per band and mode. MI-to-MI QSOs allowed. Work portables and mobiles again as they change county, state or province. Exchange QSO number and QTH (county for MI stations, state/province/DXCC country for others). CW—3.545 7.045 14.045 21.045 28.045; phone—3.850 7.225 14.250 21.300 28.450. Count 1 pt per phone QSO and 2 pts per CW QSO. Count multipliers once per mode. Multipliers are MI counties for all entries, plus states and provinces for MI entries. Power multipliers: $\square < 5$ W; $\square 100$ W; $\square > 100$ W. Final score = QSO points \times power multiplier \times total mults. Awards. Mail logs no later than 30 days after the contest to Mad River Radio Club, c/o Dave Pruett, 2727 Harris Road, Ypsilanti, MI 48198; mqp@contesting.com; <http://www.qsl.net/mrrc/mqp.html>.

DXYL-NAYL Contest, CW, sponsored by the YLRL, from 1400Z Apr 15 until 0200Z Apr 17 (phone contest is Apr 22-24). YLs only. Send RS(T), QSO number and section/province/DXCC entity. W/VE YLs work DX YLs, and vice versa. KL7 and KH6 count as DX. Work stations once per band. Score 1 pt/QSO. Multipliers are sections/provinces/DXCC countries (they count only once). Stations running < 150 W output (phone: 300W PEP) multiply score by 1.5. Final score is points \times multipliers \times power multiplier. Awards. Send logs within 30 days to Phyllis Shanks, W2GLB/7, 1345 W Escarpa, Mesa, AZ 85201-3853; pshanks1@juno.com; <http://www.qsl.net/~ylrl/ylcontests.html>.

EA QRP Contest, CW, sponsored by the EA QRP Club. Three contest periods, 20 meters April 16 1700-2000Z, 80 meters April 16 2000-2300Z and 40 meters April 17 0700-1300Z. EA stations send RST and provincial license plate letter/s. Non-EA stations send RST only. Count 1 point per QSO; 2 points for contacts with QRPp stations. Multipliers are Spanish provinces and DXCC countries. Final score is total QSO points \times total multipliers worked. Awards. Send logs to: Angel Garcia Garcia, EA4CM, C/Jose Arcones Gil no.70, 5-2, 28017 Madrid, Spain.

TUESDAY, APRIL 18

222 MHz Spring Sprint. See April 10.

WEEKEND OF APRIL 22-24

Six Meter Sprint, sponsored by Six Club, 2300Z Apr 22 to 0400Z Apr 23. Six meters only. Exchange grid square. Count 1 point for each QSO in your country and 2 points for QSOs outside your country. Final score is total QSO points \times total number of grid squares worked. Awards. Send logs before May 27 to Six Club, PO Box 307, Hatfield, AR 71945; sixclub@6mt.com; <http://6mt.com/contest.htm>.

DXYL-NAYL Contest, phone, see April 15-17

Low Power Spring Sprint, sponsored by the Slovak ARA, 1400Z-2000Z Mon Apr 24. CW only, 160 80 40 20 15 and 10 meters on IARU recommended contest band segments. Single op only: single band, three bands, all bands. Exchange

RST, Maidenhead grid square and power category (A = < 1 W; C = < 5 W; Q = < 25 W; X = < 50 W; Y = < 100 W). Count 3 pts/QSO with own continent, 9 pts/QSO with other continents and 18 pts/QSO with OM stations. Multipliers are grid squares plus and prefixes (WPX rules) worked per band. Final score is QSO pts \times multipliers. Send entries within 30 days to SS Contest, Radioclub OM3KfV, PO Box 129, 036 01 Martin 1, Slovakia.

QRP to the Field, sponsored by the NorCal QRP Club, 1600Z to 2400Z Apr 22. CW HF QRP only (5 W max), 160 80 40 20 15 10 meters. Exchange RST and state/province/country (SPC). This year's theme is "Run to the Borders." Stations operating from an SPC border get an extra multiplier for each SPC intersecting at their exact location. For example, KI6DS operates from the CA-AZ border, getting a \square "border operator" multiplier. He must exchange a signal report with each state (eg. 579 CA, 579 AZ). Stations working KI6DS would get SPC multiplier credit for each state, as well as QSO pts for each separate signal report received. Scoring: Count 5 pts/QSO. Multipliers: SPC total per band; for border operators, the number of SPCs intersecting at your position; and location (home \square , field \square field = battery power and temporary antennas). Final score = QSO pts \times SPC total \times location \times border operator multiplier. Awards. Send logs by June 1 to Joe Gervais, AB7TT, PO Box 322, Peoria, AZ 85380-0322; vole@primenet.com; <http://www.fix.net/~jparker/norcal.html>.

WEDNESDAY, APRIL 26

432 MHz Spring Sprint, see April 10.

WEEKEND OF APRIL 29-30

Florida QSO Party, sponsored by the Florida Contest Group, 1600Z Apr 29 to 0159Z Apr 30 and 1200Z-2159Z Apr 30. Twenty hours total time. 40 20 15 and 10 meters. Categories: single op, mobile (single op or multiop), Novice/Tech (mixed mode, phone only, CW only); multi-single and multi-multi (mixed mode only; max 1 signal per band). Three power classes for all categories: QRP (< 5 W), low power (< 150 W) and high power (> 150 W). Exchange signal report and state/province (DX stations send entity); Florida stations send county. Work stations once per band and mode. Work

Florida mobile stations again as they change county. Count 1 pt per phone QSO, 2 pts per CW QSO. Multipliers: for Florida stations, 50 states; Canadian areas (MAR, NL, VE2-VE8, YT); DXCC countries (except W, VE, KH6, KL7). All others count Florida counties (67). Count multipliers once per mode. Final score: Multiply QSO points by total multipliers by the power multiplier (<5 W, $\times 3$; <150 W, $\times 2$; >150 W, $\times 1$). Logs must be postmarked by May 30. Send your entry to Florida QSO Party, c/o Ron Wetjen, WD4AHZ, 5362 Castleman Dr, Sarasota, FL 34232; fqp@qsl.net; <http://www.qsl.net/fqp/>.

Helvetia Contest, sponsored by USKA (Switzerland), 1300Z Apr 29 to 1300Z Apr 30. 160 80 40 20 15 and 10 meters (CW only on 160 meters). Mixed mode only, single op or multi-single. Work stations once per band. Send RS(T) and serial number. HB stations will also add Canton prefix. Abbreviations of the 26 cantons: AG, AI, AR, BE, BL, BS, FR, GE, GL, GR, JU, LU, NE, NW, OW, SG, SH, SO, SZ, TG, TI, UR, VD, VS, ZG, ZH. Count 3 pts/QSO with HB stations. Multipliers are Cantons worked per band (max 26 per band). Awards. Send logs by May 31 to Nick Zinsstag, HB9DDZ, Rimattstrasse 7, CH-5084 Rheinsulz, Switzerland.

Nebraska QSO Party, sponsored by the Nebraska QSO Party Group, from 1700Z Apr 29 until 1700Z Apr 30. Single op, multi-single, mobile, and Novice/Tech. Send RS(T) and state/province/DXCC country (NE stations send county). Work stations once per band and mode. CW—1.805 and 60 kHz up from band edge; phone—1.865, 3.860, 7.260, 14.260, 21.360, 28.360 146.46; Novice—28.380 and 10 kHz up from band edge. Score 1 pt per phone, 2 points per CW QSO. NE mobiles may add 50 QSO pts for each county operated from; NE portables may add 100 QSO pts for each county operated from (excluding county of residence). Work mobiles/portables again as they change county. Final score is QSO points \times NE counties (max 93); NE stations multiply by states (50), provinces (8) and DXCC countries (max 35) for a possible maximum of 93. Club Competition (3 entries min). Awards. Send logs by May 31 to Nebraska QSO Party, POB 375, Elkhorn, NE 68022-0375; <http://www.qsl.net/hdxa/neqso/neqso.htm>.

Ontario QSO Party, sponsored by the Ontario DX Association, 1800Z Apr 29 to 1800Z Apr 30. Phone and CW, 160 80 40 20 15 10 meters and all VHF/UHF bands (no repeater QSOs and keep 146.52 MHz clear). Categories: Single operator low power (<150 W on HF and <50 W on VHF/UHF); single operator high power; single operator, single band; mobile; HF QRP (<5 W); VHF/UHF FM QRP (<5 W); multioperator; CW, SSB or mixed mode. Exchange signal report state/province/DXCC country. Ontario stations exchange signal report and county/district/regional municipality. Work Ontario stations only (Ontario stations work everyone). Work mobile and rover stations again as they change county/district/regional municipalities. Work stations once per band. Count 1 pt/HF SSB, 2 pts/HF CW, 5 pts./contacts on VHF/UHF bands, 10 pts (each band) for working VE3ODX and VA3RAC. Multipliers are Ontario county / district / regional municipalities (for Ontario stations: county / district / regional municipalities, and state/province/DXCC countries) worked on each band. Final score is total QSO points \times total multipliers worked (max 48). Awards. Send logs by May 31 to Ontario DX Association, Box 161, Stn A, Willowdale, ON M2N 5S8 Canada; ve3sre@rac.ca; <http://www.odxa.on.ca/oqphome.html>

County Hunters Contest, phone, sponsored by the Mobile Amateur Radio Awards Club (CW competition is May 6-7). 80 40 20 15 10 meters. Exchange signal report, county and state. Canadian stations send signal report and province, DX stations send signal report and country. Count 1 point for US fixed station; 5 points for DX (including Canada); 15 points for mobile stations. Work stations once per band, except work mobiles in each new county. Mobiles on county lines count for only one QSO, but you can count a multiplier for each county. Awards. Send logs by May 29 to: Alan Fischer, K8CW, 259 W. Cook Rd, Mansfield, OH 44907.

North American High Speed Meteor Scatter (HSMS) Contest, sponsored by the Western States Weak Signal Society. HSCW only, 0000Z April 29 to 2400Z May 7. Make as many contacts as possible using HSCW (99 WPM and above) on the amateur bands above 50 MHz. Operate up to 48 hours during the contest period.

Single op limited (5 kW ERP and less); unlimited (ERP greater than 5 kW); multiband or 2 meters only. Multipliers are 4-digit grid squares per band. On 6 meters count 1 point/QSO, on 2 meters 3 points/QSO, on 1.25 meters 9 points/QSO and on 70 cm 9 points/QSO. Random QSO's count double on 2 meters and up. Score is total of QSO points times the total multiplier. Send logs by May 30 to WSWSS HSCS Contest, c/o Steve Harrison KØXP, 37 Plainfield Ave, Shrewsbury, MA 01545; hscw@contesting.com; <http://www.qsl.net/n7stu/hscw.html>.

W1AW Qualifying Runs are 9AM EST Tuesday, April 4, and 4 PM EST Wednesday, April 19. The K6YR West Coast Qualifying Run will be at 9 PM PST on Wednesday, April 5. Check the W1AW schedule for details. George Fremin III, K5TR, 624 Lost Oak Trail, Johnson City, TX 78636 k5tr@arrl.org

APRIL / MAY CONTEST SUMMARY (Courtesy of Bruce Horn, WA7BNM)

APRIL 2000

SP DX Contest	1500Z, Apr 1	1500Z, Apr 2
EA RTTY Contest	1600Z, Apr 1	1600Z, Apr 2
Japan Int. DX Contest, 20-10m	2300Z, Apr 7	2300Z, Apr 9
QRP ARCI Spring QSO Party	1200Z, Apr 8	2400Z, Apr 9
His Maj. King of Spain Contest	1800Z, Apr 8	1800Z, Apr 9
UBA Spring Contest, SSB	0700Z	1100Z, Apr 9
Australian Postcode Contest	0000Z	2359Z, Apr 15
YU DX Contest	1200Z, Apr 15	1200Z, Apr 16
EU Spring Sprint, SSB	1500Z	1859Z, Apr 15
Michigan QSO Party	1600Z, Apr 15	0400Z, Apr 16
Holyland DX Contest	1800Z, Apr 15	1800Z, Apr 16
SP DX RTTY Contest	1200Z, Apr 22	1200Z, Apr 23
Helvetia Contest	1300Z, Apr 22	1300Z, Apr 23
Six Club Sprint	2300Z, Apr 22	0400Z, Apr 23
NA Hi Speed Meteor Scatter Contest	0000Z, Apr 29	2359Z, May 7
Florida QSO Party	1600Z, Apr 29	0159Z, Apr 30 and 2159Z, Apr 30
	1200Z	

Nebraska QSO Party	1700Z, Apr 29	1700Z, Apr 30
Ontario QSO Party	1800Z, Apr 29	1800Z, Apr 30
MAY 2000		
10-10 Int. Spring Contest, CW	0001Z, May 6	2400Z, May 7
Indiana QSO Party	1400Z, May 6	2300Z, May 7
ARI International DX Contest	2000Z, May 6	2000Z, May 7
VOLTA WW RTTY Contest	1200Z, May 13	1200Z, May 14
FISTS Spring Sprint	1700Z	2100Z, May 13
CQ-M International DX Contest	2100Z, May 13	2100Z, May 14
Major Six Club Contest	2300Z, May 19	0300Z, May 22
EU Spring Sprint, CW	1500Z	1859Z, May 20
Baltic Contest	2100Z, May 20	0200Z, May 21
CQ WW WPX Contest, CW	0000Z, May 27	2400Z, May 28
QRP ARCI Hootowl Sprint	2000	2400 local, May 28
MI QRP Club	2300Z, May	

Memorial Day CW 29 to 0300Z, Sprint May 30

Doctor DX

Dear Doctor DX:

I checked every nook & cranny at the Green Country HamFest for the ShaZamaHamaTronics booth and couldn't find it. What's the deal? *Signed: Curious OM*

Dear Curious George:

As you're aware, Green Country 2000 was held at a new location in Jenks. Astute and loyal readers of this column will recall the ShaZamaHamaTronics HamFest Team are traditional thinkers and, unfortunately, set up the booth at the Green Country 2000 Gun and Knife Show 'downtown' at the Convention Center. Shlomo was the first to notice the error when he mentioned to Achmed: "Damn... Seems like a lot of guns at the HamFest this year... You think these guys are still pissed about the license restructure?" Achmed nodded, then said: "Glad I'm not at the VE Session..."

A moment later, someone stopped at the booth to ask about their goods. Shlomo

began describing the new Infinite DX Beam Antenna and the technology that made it a breakthrough in Amateur radio. He could tell the customer was a little slow to grasp the concept of an RF modulated industrial laser acting as an infinite length radiator resonant on all HF bands. So, before the customer could walk away, Achmed said: "Let me turn it on so you can see..." A flip of the switch later, the brilliant ruby-red shaft of coherent light blew a six-inch hole in the roof of the Convention Center and allegedly damaged an ATF Black Helicopter flying overhead.

Needless to say, it was only a matter of minutes before their stock of Infinite DX Beam Antennas sold out. As they were driving away from the Convention Center, and counting up the receipts and back-orders, Achmed mused aloud: "I wonder what they're going to do with all those antennas?" Beats me, Shlomo replied, all I know is the first Bubba to put one on his CB is going to sell plenty of them for us...

* Our Monthly C&E Special from your friends at FUBAR ShaZamaHamaTronics of Broken Arrow *

IT'S A DIGITAL SIGNAL PROCESSING BREAKTHROUGH ! THE EXCLUSIVE ShaZamaHamaTronics ¡HOLA! FILTER !!! THIS HAS TO BE THE MOST SIGNIFICANT PRODUCT WE'VE EVER OFFERED!

With superior band conditions near the peak of this Solar Cycle, MANY EXPERIENCED DX'ERS CAN TELL YOU: THE LIMITING FACTOR FOR MORE DX ISN'T YOUR RADIO OR ANTENNA, **IT'S YOUR LANGUAGE SKILLS !!!** NOW YOU CAN QSO IN THREE POPULAR LANGUAGES with a device that PLUGS INTO ANY EMPTY FILTER SLOT!

YES !!! The new ShaZamaHamaTronics ¡HOLA! FILTER CAN REMOVE ANY OF THREE FOREIGN LANGUAGES !!! And, this NEW VERSION does REAL-TIME ► BI-DIRECTIONAL ◀ TRANSLATION in SPANISH, FRENCH or GERMAN ! YOU'LL MAKE MORE QSO'S IN TRANSLATION MODE — WITH LESS QRM IN FILTER MODE — **GUARANTEED !!!**

Special Note to 75 Meter Phone Ops: Be Sure To Ask About The 'QFU Option Kit' (currently available in Spanish only)

As Cletus B. Liddley, A5LID of Bokchito, Oklahoma says: "As soon as they make one that does Canadian, I'm gonna buy it!"

CALL 1-900-I-AM-A-LID TO ORDER YOURS TODAY !!!

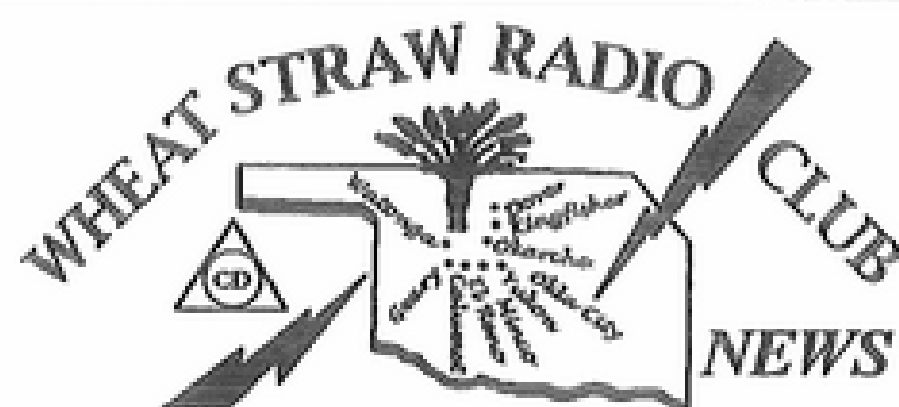
Be sure to mention you saw it in the Collector & Emitter — Visit us at: http://www.geocities.com/trebor_92627/Bush.htm

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, KC5QVV, 13410 South 128th East Ave. Broken Arrow, OK 74011

E-Mail to: k5yaa@aol.com or kc5qvv@gte.net — Visit the OKDXA Web Page <http://www.poncacity.net/n5og/okdxa>

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



Wheatstraw Amateur Radio Club

The March 12th meeting was held at Dover, OK. The meeting was called to order by Neal, N5KCO at 2:30 PM.

Self-introductions were made by all. We had four visitors present. Visitors were Lynn, a teacher in Enid, Lynn's five-year-old daughter in school at Kingfisher their hometown.

Then we had KD5IPC, a retiree from Tinker Field. He has taken up the hobby of a Amateur. His son is Justin, KM5IA. They were visiting from Del City. We enjoyed having the four of them. Welcome back any time.

The minutes of the previous meeting were read with no additions or corrections

Leo, WZ5H reported jackets for those members wanting new jackets. The business where we bought jackets had been sold to new owners. They do not put the information on the jackets, instead of screening it on, they embroidery the lettering. The cost of the Jackets is \$39.00, But Leo said, "they may go up in price if we wait very long. If you wish to order a new Jacket do so at once.

The lightening hit the Wheat Straw club tower. It blew the antenna into pieces just leaving the mounting stub. So the repeater is down. The club will be using the Kingfisher repeater for the Wednesday night net at 9:00 PM each Wednesday. We all thank the owners for the privilege of using it. The frequency is 146.64 minus 600.

When a crew can get together there will be a up grade done at the Calumet repeater.

Leo, WZ5H gave a run down on the new licensing and testing procedures. He also talked to some of the amateurs about upgrading their licensing. Leo is just completing a school for amateurs.

The April 9th meeting will be in the American Legion Hall because a church is using the Bank room. Net control will be Ralph WA5PFK.

The meeting adjourned for refreshments with eighteen present,

Ralph, WA5PFK

I do not go to the street and alley warehouse very often. I went by to take the commissioner out for coffee. He could not go the crew was having a little trouble with the trash frock. He had called Oklahoma City to see if there was a adjustment that could be made to finish up running the routes.

I visited a while then went home. I was there long enough to look around a bit. The office floor didn't even have a shoe mark in it. The office was so clean as just mopped. I went back in the shop to get a drink of water, which is fairly close to the rest room. It was so shiny looked like all new fixtures, the commode and the lavatory both. It made proud of those men, I just had to comment about it.

In the May issue of the GOOD OLD DAYS magazine is another short article about Sgt. YORK the World War I hero. Sgt. York only had a third grade education.

This is what Ken Tate, the editor wrote.

Dear Friends, As I promised in my original article on Sgt. Alvin York from the Nov. 1993 issue of GOOD OLD DAYS.

The "Distinguished Soldiers." Set Of stamps, to be released this month, features Sgt. York and John Hines of World War I/ and Omar Bradly and Audie Murphy of WW II.

Some Memories of long ago

One time in the hot summer five of we brothers were working in a field close to a wooded pasture. We noticed a small cloud had formed over head. Being hot and sweaty the oldest brother said, "lets all go into the pasture in that opening, strip to the buff and take a cool shower.

We ran into the opening and there was a hollow tree. We quickly stuffed all our clothes into the hollow to keep them dry. We were not keeping our clothes separate one and another would stuff them as we pulled them off.

Suddenly the cool rain turned into 1/2-inch hail, coming down very thick. The older brothers dug out their clothes first, dressed and ran up an old wagon road to the house. The kids left behind was my little brother age 8 and myself age 10.

I was so scared and nervous I was longer getting my clothes on. When we two kids ran up the old wagon road the brush had grown back to about three feet high. Running up the brushy road it was raining and hailing both. We were running with our eyes closed as much as we could to keep the cold water out of our eyes. We could not see with our eyes wide open anyway.

When we got home we got two things to remember. One was mother's lecture and the other. If we wanted a cool bath, pump the fresh water up out of the well.

GOLDEN OLDIES

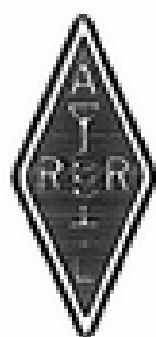
We had a few old antiques from our folks. Goldie had an old churn they used to churn butter with. It was a large glass container with iron crank and gears. It had four wooden paddles on to do the churning. After Goldie was gone I gave it to her youngest brother.

FIGHT TO HIKE

When we were young kids my youngest brother and I. The older boys who were from three years older than I up to twenty-one years old.

On Sundays the older ones would get permission to go walking in the woods. Alford and I would beg the older brothers to let us go with them. The only way they would let us go was to get approval from mother and promise to fist fight for the older boys.

So we pleaded with mother, finally she would say yes. We knew better than to ask our father, because his was always no I and I don't want to hear any more about it. We had to fight early when we got over to the North Canadian River near the Jesse Chislom grave sight. We started out not mad at each other. The older boys would start telling us, you have got to fight hard or we will not let you come with us any more. When we got to bleeding we got mad and fought harder.



A. R. R. L. Bulletins

From: ARRL Headquarters
Newington, CT
To: All radio

Special Bulletin 5
March 29, 2000

Hams Help Get Wounded Boy from High Seas to Hospital

In a dramatic situation that is still unfolding in Central America, Amateur Radio operators on the 20-meter Maritime Net have helped get a wounded boy to safety following an attack by what are being called "pirates."

The nightmare began the afternoon of March 28 for the family of Jacco van Tuyl, KH2TD, as he and his 13-year-old son Willem, were in inflatable dinghy, not far from their 44-foot sailing sloop. Wife and mother Jannie van Tuyl, KH2TE, remained aboard the sailboat.

Jacco van Tuyl said the family had left the San Blas Islands a couple of days ago and was anchored behind a reef with a couple of other sailboats in the vicinity--one at anchor--some 50 miles off the coast of Honduras.

The father and son were visiting with acquaintances the other anchored sailboat when Jacco van Tuyl saw four or five men in an open wooden boat come alongside his vessel and board.

van Tuyl and his son headed back toward their vessel, but one of the pirates brandished a machine gun when they were about 20 yards away. In ensuing gunfire, the boy was wounded in the abdomen and the dinghy was damaged and flipped over. van Tuyl said the marauders "got nervous" and left the scene after taking the damaged dinghy and outboard motor aboard.

van Tuyl hauled his injured son, bleeding badly, back to his sailboat and got him aboard. van Tuyl checked into the Maritime Net on 14.300 MHz, seeking urgent assistance. The other two vessels in

the vicinity and the van Tuyl's then pulled anchor and headed for Honduras.

In the meantime, the family rendered first aid to Willem. Two Amateur Radio-physicians--one believed to be Jim Hirschman, K4TCV--in Florida provided the family with valuable medical advice that van Tuyl thinks helped to keep the youth alive overnight until they could rendezvous with a Honduran Navy vessel that had been alerted by another amateur on the Net. In the US, Clark Lowry, N7AAC, in Arizona, was among those on the Net who contacted the US Coast Guard to render possible assistance.

The van Tuyl's vessel arrived this morning off Honduras.

After mother and son were taken aboard the Honduran Naval vessel at around 9 AM Wednesday (ET), they were helicoptered to a hospital facility on shore. The boy was reported to be in stable condition but headed for surgery Wednesday afternoon. Ed Petzolt, K1LNC, in Florida was able to phone patch the van Tuyls via Amateur Radio so they could discuss their son's current condition. He was able to call the hospital with the help of information from the US Embassy in Tegucigalpa, Honduras.

Jacco van Tuyl remains aboard his boat, awaiting further word on his son's condition.

The van Tuyls are from the Netherlands and have been sailing all over the world for the past five years, logging some 40,000 miles of travel. Jacco van Tuyl said he and his wife decided to get their Amateur Radio tickets during an extended stay in Guam. Both hold General class licenses. van Tuyl agreed that the decision to get licensed turned out to be a good one.

Special Bulletin 6
March 30, 2000

Ham Radio Efforts Continue Following High-Seas Rescue

ARRL 1999 International Humanitarian Award winner Ed Petzolt, K1LNC, has appealed to the White House in efforts to expedite US medical aid for a 13-year-old boy seriously wounded by gunfire in an attack by pirates off Honduras. Amateur Radio operators on the 20-meter Maritime Net rallied to help get the injured

youngster to safety following the attack Tuesday, after marauders had boarded his family's sailing sloop.

"Your help is urgently needed by these people to get their son to the US so that he may live," Petzolt said in a follow-up e-mail message today to the White House Agency Liaison.

Young Willem van Tuyl of the Netherlands now is in a hospital in La Saba, Honduras, after being transported by the Honduran Navy and a medevac helicopter in a rescue effort aided by Amateur Radio communications. The boy underwent surgery yesterday in La Saba. Doctors there have recommended he be taken to the US for further treatment for his serious and potentially life-threatening injuries.

Willem--the son of Jacco and Jannie van Tuyl, KH2TD and KH2TE respectively--was injured when one of four or five pirates opened fire on the teen and his father while they were in an inflatable dinghy, not far from their 44-foot sailing sloop. The group of pirates also attempted to tie up the boy's mother, who had remained aboard the sailboat while the father and son went to visit another vessel anchored nearby.

Jacco van Tuyl said the family was anchored behind a reef at the time, in open water some 50 miles off the coast of Honduras. Neither van Tuyl nor his wife was injured.

van Tuyl said the pirates took the damaged dinghy and outboard and left the scene soon after the shooting. After calling for help on the Maritime Net, van Tuyl spent the night Tuesday in the company of two other vessels, getting to a spot where he could rendezvous with a Honduran Navy vessel and get his son to a hospital. The transfer took place Wednesday morning when the Honduran boat picked up both the mother and son. Amateurs in the US--alerted to the incident by the Maritime Net activity--had contacted the US Coast Guard, which, in turn got in touch with Honduran authorities who came on frequency to coordinate the rescue effort with van Tuyl. A ham-doctor, Jim Hirschman, K4TCV, in Miami, also provided the family with on-the-air medical advice.

Petzolt was later able to phone patch the van Tuyls via Amateur Radio so they could discuss their son's current condition. Still in his boat, Jacco van Tuyl has been under way to French Harbor, about 50 miles from the hospital. Hams and sailors in French Harbor reportedly have alerted the local customs officials. van Tuyl hopes to be at his son's bedside this evening.

Doctors reportedly have told the family that if Willem does not get proper medical followup within the next day or two, it could lead to irreversible complications.

ARRL Bulletin 17 March 24, 2000

FCC Puts CORES and FRN on Hold

The FCC has delayed the implementation of the FCC's agency-wide Commission Registration System (CORES) and the issuance of an FCC Registration Number (FRN) to each licensee. The new system, which would supplant Universal Licensing System (ULS) registration for Wireless Telecommunications Bureau-administered licensees, was to have gone into effect next Monday, March 27.

The FCC said it plans to soon issue a new Public Notice "clarifying certain issues about the new program and providing a new effective date for implementation."

CORES registration is expected to replace ULS registration within a year. Information provided to the ARRL by FCC officials indicates that a new CORES registration form will take the place of the ULS Registration Form 606 when the new system goes on-line. Once in place, CORES will assign a new 10-digit FCC Registration Number, or FRN, which will replace the Licensee ID Numbers now issued by ULS for WTB licensees.

The ULS covers Wireless Telecommunications Bureau licensees and applicants. It became effective for the Amateur Service last August.

ARRL Bulletin 16 March 16, 2000

League Files Partial Reconsideration Petition on Restructuring

The ARRL has formally asked the FCC to reconsider and modify two aspects of its December 30, 1999, Report and Order that restructured the Amateur Radio rules. The

League wants the FCC to continue to maintain records that indicate whether a Technician licensee has Morse code element credit. It also seeks permanent Morse element credit for any Amateur Radio applicant who has ever passed an FCC-recognized Morse exam of at least 5 WPM.

The League filed a Petition for Partial Reconsideration in the WT Docket 98-143 proceeding on March 13.

The League suggested that it would be less of an administrative burden for the FCC to maintain the Technician database as it has been doing. The database now identifies Technician and Tech Plus licensees by encoding the records with a "T" or a "P" respectively. The ARRL also said the inability to identify those Technicians that have HF privileges and those who do not could hamper voluntary enforcement efforts. It further suggested it would be wrong to put the burden of proof of having passed the Morse examination on licensees.

The League cited the demands of fairness in asking the FCC to afford Morse element credit to all applicants who have ever passed an FCC-recognized 5 WPM code exam. The rules already grant Element 1 credit to those holding an expired or unexpired FCC-issued Novice license or an expired or unexpired Technician Class operator license document granted before February 14, 1991. It also grants Element 1 credit to applicants possessing an FCC-issued commercial radiotelegraph operator license or permit that's valid or expired less than 5 years.

The League has asked the FCC to "conform the rules" to give similar credit to those who once held General, Advanced or Amateur Extra class licenses.

ARRL Bulletin 15 March 15, 2000

ARRL invites input on new Certification and Continuing Education Program

ARRL members are invited to offer their suggestions on the shape and scope of the new ARRL Certification and Continuing Education Program. A Web-based forum now is "live" to collect member input on how the program should be designed and what it should include. ARRL Educational and Technical Advisor L.B. Cebik,

W4RNL, is serving as interim forum moderator-facilitator.

The forum site is

<http://www.arrl.org/members-only/forums/index.php3>.

It's being moderated to ensure that all member input is acknowledged and integrated as fully as possible into the developing program. Members are being asked to suggest specific programs and areas of study or skills development they would like to see as part of the Certification Program.

The ARRL Board of Directors approved the development and implementation of the self-education program for radio amateurs at its January meeting. The program is aimed at inspiring amateurs to continue acquiring technical knowledge and operating expertise beyond that required to become licensed.

The League will roll out the initial phase of the Certification and Continuing Education Program later this year.

ARRL Bulletin 14 March 9, 2000

US Appeals Court Upholds RF Exposure Regulations

The US Court of Appeals for the Second Circuit has upheld the FCC's 1996 RF exposure guidelines. The court also turned away a challenge to the FCC's exclusive ability to regulate relevant radio facility operations. The wide-ranging challenge was brought by the Cellular Phone Taskforce joined by other petitioners including the Communications Workers of America.

In an opinion released February 18, the three-judge panel upheld the FCC against the challenges on all points.

The petitioners, in part, had claimed the FCC failed to account for non-thermal effects of RF radiation, didn't evaluate new evidence, failed to get expert testimony, and failed to account for "scientific uncertainty" about RF exposure in deciding to not lower the maximum permissible exposure levels below the maximum permitted thermal levels. The petitioners also faulted the FCC for adopting a two-tiered MPE level system that allows for higher exposure in

"occupational/controlled" situations than in "general population/uncontrolled" situations.

Additionally, the Appeals Court:

* said the FCC was not irrational, arbitrary or capricious in its decision and that it did not ignore "substantial comments" from experts.

* noted that licensees are still responsible for compliance "and an interested person can petition the FCC for review of a site believed to violate the MPE levels."

* disagreed that an environmental impact statement was required from the FCC.

* rejected the petitioners' arguments that by not considering RF interference with medical devices, the FCC failed to take a hard look at the environmental consequences of its actions.

* rejected arguments that the FCC did not enjoy broad preemption authority over state or local government under the Telecommunications Act of 1996 to regulate wireless service facilities.

ARRL RF Safety Committee Chairman Greg Lapin, N9GL, credits the FCC with being comprehensive in developing its RF safety regulations and thinks the Appeals Court did the right thing. "The FCC is not a health and safety organization, and the Commission never intended the rules to serve as a standard," Lapin said.

Lapin pointed out that the FCC's rules are based on accepted American National Standards Institute/Institute of Electrical and Electronics Engineers and National Council on Radiation Protection and

Measurements standards, "which, in turn, are based on mountains of research and the opinions of lots of experts," he said.

The resulting rules take into account a consensus of expert opinion on the topic of RF safety. "The appeals court recognized this in its decision," Lapin said.

ARRL Bulletin 13

March 8, 2000

Amateur Radio Spectrum Bill Introduced in Senate

The Amateur Radio Spectrum Protection Act bill now has supporting legislation in the US Senate. Idaho Sen Michael Crapo has introduced a bill that mirrors the house bill, HR 783. The Senate measure has been designated S 2183.

"In introducing this bill, we want to do something for Amateur Radio in return for all the good it has done the people of Idaho and elsewhere in the US by providing a reliable means of backup communication in times of emergency," Crapo said. He also pledged to promote the bill in the Senate.

Like the House version, the Senate bill, if enacted, would require the FCC to provide equivalent replacement spectrum should it ever be necessary to reallocate Amateur Radio frequencies for some other purpose.

The new Senate legislation was introduced with bipartisan co-sponsorship from Senators Daniel Akaka (D-HI), Susan Collins (R-ME), Blanche Lambert Lincoln (D-AR), Bob Smith (R-NH) and Olympia Snowe (R-ME).

The bill's introduction comes on the heels of a visit to Capitol Hill by the recently elected ARRL President Jim Haynie,

W5JBP, and First Vice President Joel Harrison, W5ZN.

So far, the House version of the spectrum bill has drawn bipartisan support, with 140 cosponsors to date, and has met with no opposition. However, Congress, and the all-important House and Senate Commerce committees, have been preoccupied with non-telecommunications matters and the Amateur Spectrum Protection Act has not yet moved out of committee. The new Senate bill provides additional motivation for the Congress to consider the legislation.

ARRL Bulletin 12

February 28, 2000

Nevada Section Manager Bob Davis, K7IY, SK

Nevada Section Manager Robert J. "Bob" Davis, K7IY, of Reno died February 24 after reportedly suffering a heart attack. He was 51. Davis had served as Nevada's SM since July 1997. Prior to that, he served for two years as an Assistant SM. A native of Illinois, Davis was first licensed while in his teens.

"Bob has been a valuable asset to the ham radio community," said Neil Dresbach, WA7KCD, a friend. "He did an outstanding job as SM." Dresbach said Davis was always open to various viewpoints and tried to avoid letting politics get in the way.

Survivors include Marina Brenes, KI7DK. A service has been set for February 29, 10 AM, at Lord of Mercy Lutheran Church, 3400 Pyramid Way, Sparks, Nevada. For more information, contact Neil Dresbach, WA7KCD, wa7kcd@arrl.net; 775-972-8373 (leave message).

Clear Signal Products, Inc.

Featuring WIREMAN™ top quality Ham Radio Coax

See the Coaxman for all your HF-VHF-UHF applications

Coax & Rotor Cable • Baluns & Antenna Wire • Ladderline

Mike LaPuzza – K5ZZA

(405) 745-3394 Fax (405) 745-1019

Visit Our Web Site: WWW.COAXMAN.COM

Up Coming Events

April 8, 2000 – Antique Radio Convention at the Midwest City Community Center. See Advertisement this newsletter.

April 22, 2000 – Midwest City Swapmeet sponsored by Choctaw ARC .Doors open at 8:00 a.m.

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.

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 2nd Sunday of odd numbered months sponsored by the Stillwater ARC at 3:00 P.M. in the OSU Engineering North Building, Room 316. Contact Ken, K5KC (405) 377-7586 for details.

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 off HY412 & Garland Rd., across east from Atwoods store. The testing is PREREGISTER ONLY. Contact Dick NJ5S 580- 233-9869

VE exams on the 1st Saturday of each month at 2:30 P.M. in the Vinita City Hall sponsored by Northeast Oklahoma Radio Assn.

VE exams on the 1st Sunday of each month at the American Red Cross 6th and Lincoln for more information.

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 @ 0000Z on 3692.5 kHz (CW Net)

Oklahoma Section Net - Daily @ 0030Z on 3692.5 kHz

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

Space And Science: Happy Birthday Oscar 11

OSCAR-11 has clocked up another year in orbit, and celebrated its 16th Birthday on March 1st. Despite a few minor problems which have arisen during its long existence in the very harsh environment of space, the

satellite still remains in good working order.

Listeners and users of OSCAR-11 may be interested in visiting a web site dedicated to this satellite. It contains details of hardware required and some software for capturing data, and decoding ASCII telemetry and much more. It's in cyberspace at:

www.users.zetnet.co.uk/clivew.

(AMSAT)

Space And Science: Amsat-Na Call For Papers

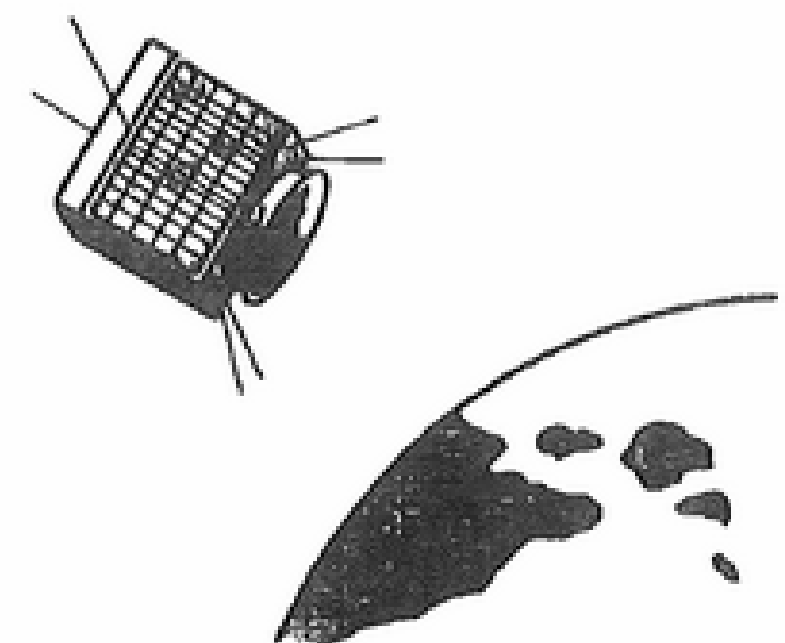
AMSAT North America's Symposium Chairman George Caswell Sr., W1ME, has released a first call for papers for presentation and publication in the proceedings of the 2000 Symposium. Offers of Papers should be submitted as soon as possible. The final date for full documents to be received is mid-June. Offers and submissions go by e-mail to:

w1me@amsat.org

By the way, the 18th AMSAT Annual Meeting and Space Symposium will be held October 27th to the 29th at the Holiday Inn West, in Portland, Maine. More information is available on the web at:

www.amsat.org/amsat/symposium

(AMSAT)



March 26 - May 06, 2000

CORA Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<i>March 26</i>	<i>March 27</i>	<i>March 28</i>	<i>March 29</i>	<i>March 30</i>	<i>March 31</i>	<i>April 1</i>
	6:00 PM Shawnee VE Exams				5:00 PM Collector and Emitter Deadline 5:00 PM TSARG Hamfest	8:00 AM TSARG Hamfest 9:30 AM BAARC Ve Exams 10:00 AM Ada ARC 2:30 PM Vinita VE Exams
<i>April 2</i>	<i>April 3</i>	<i>April 4</i>	<i>April 5</i>	<i>April 6</i>	<i>April 7</i>	<i>April 8</i>
2:00 PM Red Cross Ve Exams				7:00 PM Aeronautical Center ARC		9:30 AM S. Canadian ARS 10:00 AM EAARC Ve Exams 10:00 AM SCARS VE Exams 3:00 PM Stillwater VE Exams
<i>April 9</i>	<i>April 10</i>	<i>April 11</i>	<i>April 12</i>	<i>April 13</i>	<i>April 14</i>	<i>April 15</i>
2:30 PM Wheatstraw ARC	7:00 PM LFSARC VE Exams		11:00 AM OK VHF ARC	7:00 PM Albus Area ARA 7:00 PM Tri-State ARG		9:00 AM SBC VE Exams
<i>April 16</i>	<i>April 17</i>	<i>April 18</i>	<i>April 19</i>	<i>April 20</i>	<i>April 21</i>	<i>April 22</i>
	6:00 PM CORA VE Exams 7:00 PM Choctaw ARC	7:30 PM Oklahoma City APA				12:00 PM CORA Meeting
<i>April 23</i>	<i>April 24</i>	<i>April 25</i>	<i>April 26</i>	<i>April 27</i>	<i>April 28</i>	<i>April 29</i>
	6:00 PM Shawnee VE Exams			7:00 PM Enid ARC	5:00 PM Collector and Emitter Deadline	
<i>April 30</i>	<i>May 1</i>	<i>May 2</i>	<i>May 3</i>	<i>May 4</i>	<i>May 5</i>	<i>May 6</i>
				7:00 PM Aeronautical Center ARC		9:30 AM BAARC Ve Exams 10:00 AM Ada ARC 2:30 PM Vinita VE Exams

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

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

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

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

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