

Collector & Emitter

Central Oklahoma Radio
Amateurs, Inc. Publication

May 2000
Volume 26, Number 5
Issue 303
75¢

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

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RADIOVILLE, OK 74321-9876

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1. Aeronautical Center ARC Meets: 1930L, 1st Thursday, FAA, S. MacArthur, OKC Pres.: Bob Kremer, WA9FCT 381-3182 VP: Chuck Bryant, KB5ZVZ 737-0423 Sec/Tr.: Brad Nelson, KJ0W 793-9470 Editor:	10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Larry Shimp, 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 63rd, 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 50th 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: w5okta@arrl.net
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2nd 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 June, 2000 Issue of Collector and Emitter is Friday, May 27, 2000. Send all Articles to Collector and Emitter, 4216 Spiva Drive Del City, OK 73115-4424 on 3 1/2 inch floppy or e-mail to n1lpn@swbell.net. Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.

Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for April 22nd, 2000

The meeting was called to order after lunch at the Skyline Restaurant by the president of CORA Hal Miller, KB1ZQ. There were three clubs represented.

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

Treasurer's Report: The treasurer was absent.

President's Report: The letters to the vendors have gone out. Caps Unlimited is coming back. Alinco cannot come this year. Kantronics is donating a transmitter kit for one of the prizes. Jim Haynie may not come this year.

C&E Report: The C&E is doing quite well.

Programs: A 'safe room' program may be coming. OKDXA will be meeting at HH 2000. ARES will be putting on a program. The NWS has been invited. There will be an antenna program. VE testing will be Saturday afternoon.

Next meeting: The next CORA meeting will be at Salvation Army HQ's at North Pennsylvania and NW 50th street. If you want to help out at Ham Holiday, have any ideas, or are just curious, come to the meeting. It will be on May 23rd, 2000 at 7:30 PM. See you there.

Respectfully submitted,
Forrest Rush, N5VWF/AE
CORA Secretary

Amateur Radio Newsline

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Enforcement: W5YI-VEC Rebuilding Puerto Rico VE Program

The operator of the nations second largest Volunteer Examination Coordinator has fired almost every one of his volunteers in Puerto Rico. Fred Maia says that his W5YI-VEC is starting out fresh in Puerto Rico with its Amateur Radio examination program. To accomplish this, Maia recently traveled to Puerto Rico where he decertified all but one of his Volunteer Examiner teams. Maia suggested a lack of confidence in the integrity of his Amateur Radio testing program in Puerto Rico for his decision to oust the majority of his testing volunteers. "We received a letter from the FCC in February stating that they had received some complaints that certain VE teams were not acting in accordance with the rules. We found in some cases that was true. On the weekend of April 8th we traveled to Puerto Rico and we had a meeting with all VE teams in Puerto Rico and we advised them that we were changing the system." Fred Maia, W5YI As we go to air, the Arecibo Observatory Amateur Radio Club will be the only W5YI-VEC accredited VE team in Puerto Rico. Maia says that the Arecibo club will be called on to approve any new VE's in Puerto Rico

"We are having all of the volunteer examiners re apply through the Arecibo Amateur Radio Club. They will approve all of the examiners. They also will handle the all of the testing; they will monitor the testing; they will send people to different test sites to monitor the examinations; they will collect all of the examination paperwork; and once they are satisfied that everything is in order, it will be sent to us for processing." Fred Maia

Maia believes that he has now responded to all FCC inquiries into alleged W5YI VEC examination irregularities. These include sessions held in South Carolina and the Virgin Islands as well in Puerto Rico.

(Newslite, RAIN, ARRL, W5YI)

Restructuring: Proving You Deserve An Instant Upgrade

Meantime, its been just about a week since the restructuring of the Amateur Service took place and the rush for instant 5 word per minute credited upgrades to General is on. These upgrades are available only to pre 1987 Technician class operators who passed the old exam that consisted of the Novice 5 word per minute CW and the General class theory exam. But there are a lot of old time Technician hams who cannot seem to find their original licenses and are wondering what to do. According to W5YI VEC operator Fred Maia, proving you deserve an instant upgrade is not as hard as many seem to think.

And if you have a computer and web access, its as easy as logging on:

----- Maia Here In-Q: Another option would be.... Out-Q: ...and bring that. ----- If you don't have web access, another way might be to visit a library, do a bit of research and a bit of photo-copying. Again, Fred Maia, W5YI:

----- In-Q I asked the FCC.. Out-Q ...this would be OK. -----

Maia says that if you can photocopy a page from a 1987 or earlier callbook, that and your current ham license should suffice with most -- though maybe not all - - VEC teams.

(Newslite, RAIN, W5YI)

Restructuring: FCC To Generals - Stay Out Of Advanced Class Bands

I'm Bill Pasternak, WA6ITF with late breaking news from the FCC. It comes as a warning from the regulatory agency to newly upgraded General class licensees. The FCC says that you may not operate in the current Advanced class subbands under the new amateur rules.

According to Bill Cross, W3TN, of the FCC's Public Safety and Private Wireless Division there are no privileges changed for any license class. Cross says that the Advanced class license continues to exist under restructuring, which became effective April 15th even though the FCC no longer accepts any applications for Novice or Advanced class licenses. As a result, current Generals do not earn Advanced class privileges until they upgrade to Amateur Extra class, when they earn both Advanced and Extra privileges.

The bottom line is this. If you are a General -- new or old -- stay in the General class bands.(FCC, ARRL, W5YI, Newslite, others)

Chit Chat

By Linda NILPN

Honoring Mother's Day...

I have written in the past about my dad, grandmother, brother, cats, my son, special friends, and my husband but I have never written about my mom. Someone noticed this oversight and asked me the simple question of "Why?" To answer that question, let me share with you my mom, her life and who she was, on this Mother's Day.

My mom's name is Leta Jay Stewart and she is no longer on this earthly plane. She passed away over 11 years ago. She was part Cherokee Indian and Irish, didn't claim the rest. When she got upset, she went on the warpath and pity the poor person she was upset at. She grew up on a working ranch; my grandfather was a County Judge. She was the youngest of three and the only girl. They sold the ranch and moved to San Antonio when she was in High School. She met my dad, he was the older brother of her best friend and they became High School Sweethearts. They married after High School and Dad went into the Air Force. I came along a few years later.

I guess my first memories of my mom were of her opening all of the windows and doors, cranking up the volume to the record player and singing as she danced and cleaned the house. Everything smelled so fresh and clean when she got done.

She was a person ahead of her time. In the 50's when most women were stay at home moms, mine wanted a career and worked for one of the top stores in Texas. She was one of three Buyers for the store and she loved her job. The store was Joske's of Texas, and being next door to the Alamo, was an added bonus for me. I love that little mission and spend many happy hours playing there. When my kid brother was born, work gave mom leave and she was able to return to work 6 weeks later. Each Christmas, the store set up a fantastic display that ran throughout the store. No one today comes close to what they did. It was like walking into Santa's Workshop.

Mom loved to sing. She sang in the Church Choir on Sundays and taught Vacation Bible School as well as was Chairman of VBS. She and Dad were the church youth sponsors and my brother and

I were always allowed to tag along. It was like having a room full of big brothers and sisters.

In the 60's due to events beyond her control, she became a stay home mom, sort-of. I started school and she became very active in the PTA and the community. She sewed most of my clothes and made our curtains. Mom had a vegetable garden, flowerbeds and roses along the backyard fence. She became active in Girl Scouts when I was old enough to join and continued until I reached High School. She also became the friendly neighborhood Avon Lady.

She use to have Tricycle Races with my dad down the driveway and some of our neighbors thought it was very improper behavior for grown-ups. We, along with all the other kids, loved it. Dad's legs were too long and he had to throw them over the handlebars to reach the pedals. Still he won his fair share of races against mom.

Mom became active in Election Voting. Her and dad started as poll workers and worked their way up to Judges. When I was old enough to work the polls, they brought me aboard and taught me the job. The last time I worked an election, I was the Judge and calling mom when something came up I couldn't handle, she was easier to reach than the voter's registration office and always knew the answer.

Mom loved dancing and dad claimed he didn't know how to dance. Mom decided there was a solution to dad's problem, they would take Square Dancing Lessons. Dad went and pretty soon he was having as much fun as mom was. I was next on her list and was soon out dancing with them. My brother somehow managed to avoid the whole experience. They danced on top of the Hemisphere Tower in San Antonio, Texas and were the first group to do so in 1968.

Mom had a natural talent to paint and she was very good. She painted in oils although she could work with any medium, oils were her favorite. She never was aware of how talented she really was and was never satisfied with her work. She would finish a painting that was beautiful and she would find something just not right about it and paint over it. The re-paintings were never as good as the first ones had been. So, dad found a solution to that problem. Dad would

come in and see a freshly painted picture and would spray it with a sealant to keep her from repainting on top of it. Oh, did she get upset over that. I am so thankful that dad saved her work, my home has three of her paintings proudly hanging on the walls.

Mom went back to work when my brother was in High School and she worked in the School Library. She was the secretary and with her love of reading was a great help for the students on finding a book to read. My brother loved the idea having mom there and would always get her to pay for his lunches. He had money but somehow was always able to keep from spending it.

Mom crocheted and made me some beautiful shawls and ponchos. I loved this one shawl she had made for herself and after years of asking her to make me one she gave me hers. She had lost the pattern and had forgotten how she had made it. Last May 3rd that shawl, once white and had turned cream in color was on the window seat in our bedroom. After the tornado hit us, the shawl was gone. I sat down and cried over the lost of that shawl. The blessing was that none of her paintings were touched by the tornado and someday they will be entrusted into Mike's care.

I guess the reason I have never written about Mom is her last years on this earth were not easy ones. She had become ill and it was as if she had lost her love for life. I was with her the morning of her passing. We talked and she went to have her hair done that afternoon. Getting her hair done was one of the few pleasures she still enjoyed. A friend was taking her home, after her hair was finished, when she left this world. The shop was just a few blocks from house and she never made it home.

This Mother's Day, do something nice for the women in your life that are mothers. Let them know how special they are and how much they are loved. Spend time with them and cherish each day you they are here with you. Life is short.

As for my plans, I'll do what I have been doing these past years. I'll ask my dad in San Antonio, Texas to place flowers on mom's grave for me and to say on the card, "I love and miss you." I will also be sending something to my new mom -to-be. Dad has been blessed a second time with a wonderful and beautiful lady to share his life with.

Until next month....

Covertly employed by a government agency with no name, issued an international license with no restrictions, and sworn to achieve one goal: The exploration and understanding of the most extreme fringes of communications technology. You can join the adventures of Doug Xander, perhaps the most technically adept Radio Amateur in the world, by reading:

D'X FILES

Episode Fifteen: Sometimes It Takes A Ham To Understand These Things...

Xander was tidying up the lab workbench one morning when he came across a repair job he'd lost interest in. It seemed simple enough, a small brick type VHF amplifier similar to those you've seen at HamFests, but this one smoked finals after a few minutes at full power. Everything seemed OK, but he toasted three sets of finals without finding the problem... Most unusual for Xander.

A few weeks earlier he'd been researching the latest pulsed RF power technique with great success and was considering a re-work of the internals into a Kilowatt Brick with no forced cooling at 97% efficiency. As he was drawing a preliminary block diagram, Xowolski called. An odious pollution event at a hog farm near the Arkansas border was being evaluated, but due to the unfortunate local terrain they were unable to communicate back to their topographic database. Heavy rains had breached a large waste holding pond and threatened to contaminate the local ground water aquifer. Without the needed topographic data, there was a possibility the situation could rapidly become worse.

Xander packed up his portable gear and within a few minutes was flying the X-Copter to the site. His subterranean Ham Shack was automated for all-mode remote control operation and came in quite handy during his travels. Instead of the limited portable operation most Hams endure, Xander could link to his main shack from almost anywhere, with all the advantages and capabilities available... No Doubt this would come in handy today.

Shortly after his arrival, Xander had the portable SHAFT antenna operational and set to a virtual radiation height of 3,000 feet. Coupling the cellular data gear to the SHAFT was a trivial impedance matching exercise and within moments established the data link. Xander had fond hopes this

would be the limit of his participation, as the oppressive heat and humidity made the stench from the waste ponds almost unbearable. No such luck. The mapping data revealed the geologic structure of the valley combined with the recent rain made it unlikely the waste overflow could be routed away from the porous terrain above the aquifer they were trying to protect. A conventional method would be to haul the excess by tank trucks to a safe location, but the volume made this impractical.

Xander listened intently as the engineers weighed their options, then asked a few questions about the nature of the material. The liquid hog waste was not particularly dangerous, but the bacteria presented a clear biohazard. This could be minimized by controlled temperature conditions, but there was no way the local ground mass was cool enough to have any positive effect if the waste leached into the soil.

In a blinding flash of inspiration, Xander came up with a remarkable solution that only he could fully comprehend. The SHAFT antenna would need to be re-configured, so he downloaded their data files to the X-Copter on-board computer and removed the SHAFT from the cellular link. Astute readers will recall the Stealth High Altitude Field Terminated antenna relies on a controlled plasma field fed by an ionizing agent making it a suitable RF conductor. Xander theorized that if any ion agent could be used, regardless of its RF characteristics, could the SHAFT serve as a high altitude pig waste pump? A hastily installed flexible pipe was attached to the ionizing chamber of the SHAFT as the antenna was adjusted for maximum height and field density. Calculated values predicted a virtual height of better than a hundred miles where the intense cold and high levels of solar radiation would negate any biohazard risk. Within moments of flipping the switch, pig waste was being

drawn to the SHAFT at a rate exceeding 8.7 liters per second. The environmental engineers were somewhat unclear on the concept, so Xander went to the X-Copter where he would illustrate the theory.

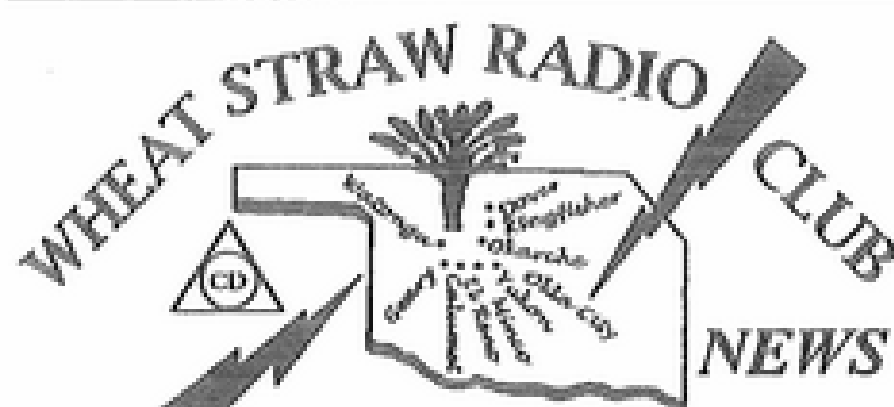
Xowolski was fascinated as Xander linked the X-Copter to his shack and brought up the home rig on a NASA control channel to request temporary use of the Hubble Space Telescope. A moment after the big eye in the sky reached the appropriate angle, a faint purple shaft could be seen on the real-time HDTV downlink. Xander tightened the Hubble's field of view as a loud gasp arose from the local audience... Plainly visible was a copious fount of pig waste being dissipated into the E-Layer.

Xowolski was near the console-mounted HF rig and turned it on to scan the bands. Xander cautioned her against transmitting while the operation was in progress, but he was also curious if there would be any effect on propagation. Nothing unusual was heard below 20 Meters, but a slight rise in the noise level was noted on 12, 10, and 6 Meters. A few moments later a W4 was copied on 28.885 MHz, the Six Meter spotting frequency, advising Six might be opening to the west. Within five minutes both 50.125 and 50.200 were a cacophony of stations calling CQ.

As the pig waste pond approached a safe level, Xowolski tuned to 146.520 MHz where VE3PIG was in QSO with NØSHT. Both ops commented on the remarkable conditions, but only Xander and Xowolski knew it was the first Sporadic-PS QSO...

The QSO is out there.

Contents Copyright 1998-2000
by Nelson Derks – KC5QVV
"Illegitimus Non Carborundum
Ipso Facto"



Wheatstraw Amateur Radio Club

Meeting was called to order by Neal, N5KCO our president. The meeting was held in the American Legion building. After the meeting was called to order self introductions were made.

The minutes of the previous meeting were read with no additions or corrections. There were seventeen present with no visitors.

Our problems were discussed and decided to try the 146.61 Wheat Straw repeater; if we could not get through we would go to the 146.64 repeater. If that were not a success we would go 146.52 simplex and do the best we could. We made the net on 146.61 on the lower antenna.

After a brief discussion the next meeting will be in the Red Rock canyon just south of Hinton. It will be a covered dish dinner starting to eat about 1:30 so people can go to church or live a distance away. Visitors are welcome. The dinner will be May 7th due to Mothers Day on the second Sunday in May.

If you have a 2-meter radio put it on 146.52 call for the location of the dinner. Also check into the Wednesday nets for all info. Johnny, K5GBN will be the Net control for the month until the next meeting.

I checked the Wheat Straw roster, and we have 35 paid up members. Having some new hams in our locality we will have some new members I feel certain. All are welcome. Ralph, WA5PFK

Power Companies Explore Technological Advances In Energy Sources

By John Cunniff

New energy sources are being explored by some of the country's biggest and smallest companies. Their efforts raise stunning possibilities for radically different energy sources.

PATENTS ISSUED

Some may be closer to the marketplace than realized. Hydrogen-powered fuel cells, which can be likened to powerful batteries able to heat and cool a house, have already gone through rigorous testing

Patents have been issued on thermionic generators capable of converting heat to electricity within in the home cleanly This points to the promise of houses with their own power plants. Trials are under way on more efficient electric motors with the potential for radically lowering costs throughout industry and bringing close the production of practical Electric vehicles.

Synthetic fuels are being developed, and oil companies are well along in technology for utilizing fossil fuels once thought to be inaccessible or economically unfeasible.

There is a lot of research going on. Quietly, some of the biggest companies, such as utilities, have been working with brainy entrepreneurs, to accept the challenge. They have made a lot of progress. You'll be hearing more from them this year and many years hence. Yes, there is an energy solution. There is hope, and judging from what's in the pipeline some of the news will electrify you.

BELIEVE IT OR NOT

Cartoonist Robert Ripley, originator of the "Believe it or not" series, was born in Santa Rosa, California., in 1893.

Ripley began as a sports cartoonist in San Francisco at the age 16. He moved to New York in 1913 and drew his first "Believe it or not" cartoon, which presented a variety of cartoons for the Globe newspaper in 1918. The cartoon, which presented a Variety of odd facts and bizarre items, drew strong reading response. By 1929, "believe or not" was syndicated in about 300 newspapers.

Sign Of Intelligence

I was at a yard sale one day and saw a box marked "Electronic cat and dog call -- guaranteed to work. "I looked inside and was amused to see an electric can opener.

Do You Remember When...?

Songs were pretty, not maniac screams. You could travel safely anywhere. Criminals were punished promptly, God and sacredness were honored. Demanders did not force guilt on you Police were respected as protectors. Wrong was not called right.

The Trail Blazer:

It didn't take long to solve the case of the missing snowblower in Milwaukee. All the police had to do was follow the trail the thief left in the snow to his house. The 18-year-old suspect was arrested, and the snowblower was found under the porch.

Special Invitation:

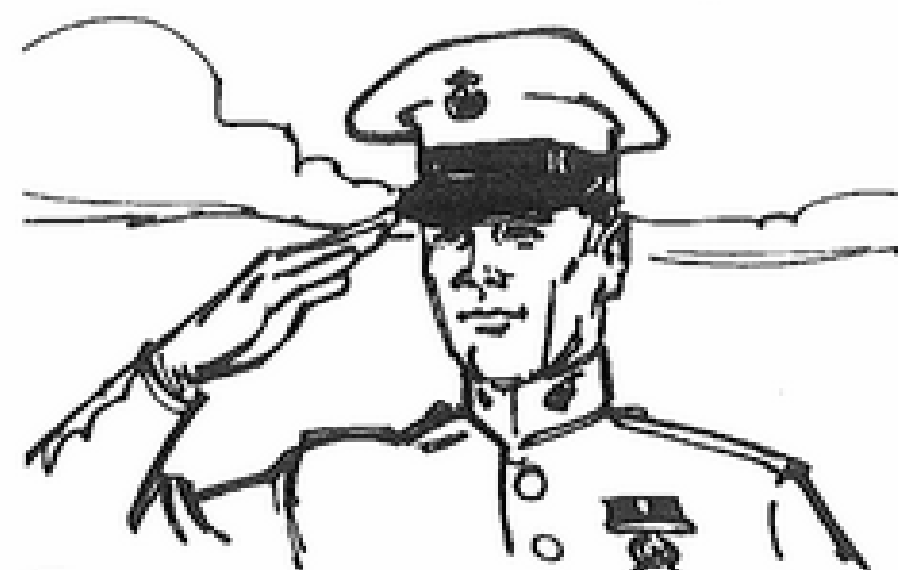
Two workers closed a restaurant in Mount Pleasant S.C., and didn't tell the manager. The cook and the waitress closed the restaurant to customers and let their friends help them selves to free food. The manager found out about the incident when a customer wandered into the, unlocked restaurant after the party was over.

The festivities were captured on videotape, and the two party throwers no longer work here, said the Manager.

THE SALUTE

By Victoria K. Twarog

The marching band was passing by; each marcher stepped in beat. They played Stars and Stripes Forever. Which made the crowd stand to its feet. The honor guard carried with much pride Fifty American flags waving in the wind. While onlookers with hands on hearts stood tall and broadly grinned. And on the curb, a frail, hunched man looked through teary eyes of old. His shaky hand slowly lifted to his head, but his salute was crisp and bold. His thoughts were of another time when the world was at war and full of strife. A young man in his uniform took gun in hand and pledged to protect freedom with his life. Victory was won under the Red, White, and Blue and although just simple cloth. Each fiber that is woven throughout our flag stands for a life that bravely fought. The old man finished his salute of love and slowly turned to leave the crowd, when a voice nearby softly said, "Thank you sir, for helping to keep our flag flying proud."





Oklahoma City Autopatch Association

Minutes of the OCAPA meeting for April 18th, 2000

The meeting was opened at 7:35 PM by the president of OCAPA Glynn Massey, N5WNL. There were fifteen members present at the meeting. Introductions were made all around.

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

Treasurer's Report: There was no treasurer's report due to the treasurer's absence.

Old Business:

OCAPA's executive committee looked at the proposal that OCAPA offer a membership without the C&E. It reported unfavorably on the idea. It was put to a vote; 15 against, 0 for.

Technical Committee: Repair of the repeater is ongoing; it is hoped that this will be completed soon.

Field Day: The site will be MWC regional park; the same spot as last year. The EM-Trac of the American Red Cross has been invited to field day. ARRL Field Day pins have been ordered. We need OPERATORS for the stations.

Upgrades: The following amateurs have upgraded their licenses.

Glynn Massey, N5WNL, Extra
Forrest Rush, N5VWF, Extra
Tom Webb, WA9AFM, Extra
Hal Miller, KB1ZQ, Extra
Clay Mayrose, WA6LBU, General
Mark Hamblin, WL7FT, General
Don McDown, N5ENQ, General
Dave Duskin, WA0JCI, Extra

Meeting adjourned at 8:15PM

Respectfully submitted,
Forrest Rush, N5VWF/AE
OCAPA Secretary

Amateur Radio Newsline (Con't)

Low Power FM: House Votes To Restrict Low Power FM

Some bad news for proponents of legalized low power broadcasting. This, as the House of Representatives passes a bill requiring the FCC to modify its Low Power FM Rules to include third-adjacent channel protections. It also tells the FCC to authorize experimental operations in up to nine markets to determine if waiving the third-adjacent channel separation requirements will result in harmful interference to listeners.

But the real blow comes to those who have been caught operating pirate stations. This is because the House measure also prohibits all persons who have engaged in any manner in illegal unlicensed operation from ever becoming LPFM licensees. The Republican controlled Senate has yet to act.

(Published news reports)

Down Under: New Zealand Hams To Loose Most Of 70 Cm Band

Some bad news for hams in New Zealand. Their telecommunications regulators have decided to sell off -- or at least reallocate a good part of the 70 centimeter Amateur band. Q-News Graham Kemp, VK4BB, has the details.

A loss of 9 MHz of the 70 cm band, half the band! One replacement suggestion for ham radio is wind profiler radar. Currently this portion of the band is used for ATV repeaters input, with output at 615 MHz (ch 39). As Scott ZL1UWQ said in a packet bulletin, "This is a serious threat to our bands!" Victories weekly APC news says a series of meetings have already been held on the topic as the Government's closing date for comments is April 20th. ZL amateurs, led by Fred Johnson ZL2AMJ, are currently working on the NZART submission opposing the Ministry's proposals. If New Zealand telecommunications regulators are successful in making this reallocation it could wind up setting a precedent throughout Oceania -- and possibly worldwide.

(Q-News)

2000 Olympics: VK ATV'ers Ordered Off The Air

Meanwhile, in Sydney Australia, Amateur Television enthusiasts are being told to shut down operations until after the 2000 Olympic games. Again, Q-News Graham Kemp, VK4BB:

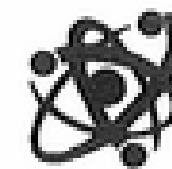
The Australian Communications Authority -- the ACA has authorized the further use of the Amateur 70cm band by the Olympic and Paralympic Games radio services. Effective immediately, and until 30 October 2000, the 440 to 450 MHz section of the 70cm band will be available to non-Amateur services associated with the Games. This is in addition to the 421 MHz to 422 MHz and 424 MHz to 432 MHz segments allocated several months ago.

Amateur television operations on 444 MHz will be hardest hit. The ACA has said that existing amateur services will be afforded the usual consideration in regard to interference protection at the time of licensing. One exception: the ACA will not afford protection for amateur television services. Amateur television services will be required to temporarily discontinue operation.

For Q-News Australia, I'm Graham Kemp, VK4BB, reporting for Newsline. As soon as the 2000 Olympics are concluded, A-T-V'ers in Sydney should be back on the air. We will have more international news later on in this weeks report.

(Q-News)

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Enid Amateur Radio Club

Hi all, yes it is that time again. The EARC had its April meeting and the minutes are as follows: John, KA7GLA called meeting to order at 7:00pm. Minutes were read and approved from last meeting. Treasures Report was read and approved. Al, KD5BA reported on the March of Dimes walk set for Sat April 29th @ 10:00am. Club will support and use 147.375mhz check with Al by 9:30am. May 6th Tri-State Parade at 10:00am members need to meet at Daylight Doughnuts at 8:00am corner of Jackson & Randolph. Support of the club members is encouraged, check with Al.

32 members have paid dues so the remaining 16 or so please take care of ASAP.

145.290 machine north site hardline is damaged waiting on tower crew. Tried the Drummond tower with no results. Marvin will have some work to do on the GE repeater.

Field day is coming, Sam has Park reserved & John is doing the paper work. Dean KA7MA has the 444.6 repeater. Working it over, waiting on parts. We have another repeater sight at Johnson's down town.

Dean KL7MA presented ideas on training process and recommendations. Fred, WA5OU noted that the club has purchased training books, question pools and tech Q&A. Al and Sam volunteered to help Dean with training. We will try to get ready to start within one month, will need to work up ad for testing.

Final approval for the club station at the Red Cross is taken care of. Gene, N5SPY will take care of the rewiring. We have a place for the FT900, Kenwood VHF/UHF - GE VHF packet kam2 and computer & printer. Donated by John KA7GLA. Ray W5REC with antennas, DICK NJ5S systems setup. Several work parties Will be required to finish up.

Motion to adjourn, motion seconded, meeting finished 8:04pm Dean KL7MA
Members present: Eldon KC5RRS, Clint KB5OEQ, Dean KL7MA, Wendal WA5OQX, Ken WA5FVJ, Dan KM5DH, Dennis KB0GBD, Fred WA5OU, John

KA7GLA, Sam KD5EUS, Gean N5SPY, Mike N5WUH, Al KD5BA.

Club Stuff: The EARC is getting started on a new club meeting place with a club station. It looks like the EARC will soon have a place to meet and also operate from. We will have our own place within the Red Cross Bldg. On north Grand St. Donations have been received for some new electric service and we will have some new operating positions. We should have HF, VHF, UHF, PACKET, & RTTY. We have a computer system for digital and Internet. This will make a nice project for the club members to work on together and not just have a boring meeting to go to, should work out very nice.

HELP HELP!!!!

There is a need for an Extra Class to take over the VE testing and be the contact person. The Enid hamfest is getting to the point that Fred and Tom have so many things to take care of that the testing will stop if they can't find some one to help, so give them a call if you are interested.

29 Repeater: It hit a snag again; the hard line is waiting to be changed out so that is the hold up there. Another tower sight at Drummond also has bad hard line so that did not work out. As soon as the tower climber is ready we will need some help at the north sight.

Things To Do:

June 10-12 is the ARRL June VHF QSO party, get the rigs and antennas ready to go. Field day is just around the corner on June 24-25 at Crosslin Park.

July 8-9 is the IARU HF world contest and I, NJ5S, and others shall participate in said contest. If you all remember two years ago we also had a club meeting, get together, CHOW and swim along. Well it is on again and we are working on having some special guests. We will keep you posted on who or what will be here. It will be on the 8th of July so mark the notebook.

Generals take notice:

The FCC says a lot of newly upgraded General class licensees have begun asking if they may operate in the current Advanced class sub-bands now that the new amateur rules are in place. "The answer is: Absolutely not," said the Bill Cross, W3TN, of the FCC's Public Safety and Private Wireless Division. "No privileges changed for any license class."

Cross pointed out that the Advanced class license did not cease to exist under restructuring, which went into effect April 15, although the FCC no longer accepts applications for Novice or Advanced class licenses. He said current Generals do not earn Advanced class privileges until they upgrade to Amateur Extra class, at which point they earn both Advanced and Extra privileges.

The FCC also says General class operators may hold only Group C (1x3) or Group D (2x3) call signs, as it was under the old rules. Generals are not entitled to apply for or hold Group B (2x2) call signs under the new rules. Cross cautioned newly upgraded licensees to check the revised Part 97 rules carefully to make sure they're not operating beyond their privileges. "Now that they've gotten the license, it's time to look at the real rules," he said. Amateurs further are reminded that in order to apply for upgraded volunteer examiner privileges or for a vanity call sign reflecting new license status, a licensee first must have been issued an upgraded license grant by the FCC. Interim privileges conveyed by a *Certificate of Successful Completion of Examination*--or *CSCE*--are insufficient for these purposes.

New Country for DXCC:

The ARRL DX Advisory Committee and the ARRL Awards Committee have voted to add the Chesterfield Islands of New Caledonia to the DXCC List. For DXCC credit, contacts made on or after March 23, 2000 will be accepted. Cards for this new entity may be submitted after October 1, 2000. With the admission of New Caledonia to IARU membership, the Chesterfield Islands qualify by reason of separation from New Caledonia. The Chesterfields are more than 350 km from the closest point of New Caledonia.

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Ada Amateur Radio Club

Hello, from the Ada Amateur Radio Club. The meeting was held April 1, 2000, at the Salvation Army Building in Ada. Steve, KD5DKZ president, called the meeting to order at 0910. Financial report was passed around among members and motion was made and seconded by the members to accept report. Meeting had 22 people in attendance.

Old Business:

Motion was made and seconded by the members that as January 1, 2001 the dues increase will be \$20 per member, or per family, children under 18 living at home included. Dues will be ear marked for repeater repair. 70-year-old life member (Honorary) will only pay for Collector and Emitter.

At this time finding out more information on possibly the hamfest being held the airport or Irving School as of now the date for the hamfest February 17, 2001.

New Business:

Field day is coming in June, will make plans at the May 6, 2000 meeting. Mason, WT5X spoke to everyone about the April 15, 2000 test session.

Meeting adjourned at 0940. VE session results after the meeting, 4 people testing. Congratulations to Wendell, KC5UFO for passing the 5wpm code test. There were two others that passed and upgraded to general and extra class.

April 15, 2000 VE session held at 0900 at the Salvation Army Building. Attendance of around 30 people had a lot of upgrading of licensees. Had 3 people testing one passed tech Test. Congratulations to every one for passing their tests and upgrading. Would like to thank all of the VE's for taking the time to hold the test sessions; Mason Smith, WT5X; Sam Jewell, N5IY; Wendell Walker, WT5TZN; and any one else who held the VE session. Every one really appreciates all the time you all have spent holding test sessions.

Hope every one had a safe and happy Easter.

Darla Coffey, KC5RGU; Secretary AARC

Amateur Radio Newsline (Con't)

Band Sharing: A Big Win For The City Of Angels

Meanwhile, back here in the United States, the City of Los Angeles has been granted an experimental license to run air to ground video downlinks in the 2402 to 2448 MHz band. The City of Los Angeles, the County of Los Angeles as well as several other communities in California and Nevada have made such applications. They want access to the bands for airborne video surveillance of criminal activities, wildfires and other emergencies. Most have also stated their willingness to continue sharing the spectrum with ham radio and other users.

But the American Radio Relay League has not only opposed the plan. In the past the League has even refused to meet with community leaders to discuss the idea. And when the matter was brought to the FCC the ARRL filed strong opposition. But it appears as if the needs of the many outweighed the wants of the few. At least in the eyes of the FCC. It has issued WB2XEN to the City of Los Angeles. Other licenses to adjacent communities are expected to follow in the not to distant future.

(Various Sources at NAB Las Vegas)

Regulatory: Arrl To Cb - You Can't Talk Further

The American Radio Relay League has said no to expanding the communications range permitted to 11 meter Class D CB radio operators. This as the national ham radio society files in opposition to a rules change request before the FCC authored by Popular Communications Contributing Editor Alan Dixon, N3HOE.

As previously reported, Dixon filed his

Petition for Rule Making to eliminate the Citizens Band rule prohibiting communication over distances greater than 250 kilometers. In its opposition filing, the ARRL says that that long-distance communication is contrary to the fundamental purpose of the Class D CB Radio. The ARRL says that legalizing it will encourage the use of illegal power amplifiers and other such devices that are illegal here in the United States.

The ARRL adds that in its view, the Amateur Radio Service is the only proper forum for the kind desired long-distance communications sought by N3HOE. It also says it expects Dixon's petition to be dismissed by the FCC.

(ARRL)

Radio Accident: Two Killed Installing Ham Antenna

Two tower workers in North Carolina are dead after falling sixty feet while trying to erect an antenna tower in heavy winds. Radio News reports that Chester Smith and Steven English fell to their deaths when a wind gust toppled a radio tower they were building.

According to a sheriff's detective, Smith, English and four other radio enthusiasts were building the tower as a birthday present for a local ham operator. The detective said the other men were hoisting a section of tower to Smith and English atop the partially assembled tower when a wind gust broke the suspended section, which caused the tower the men were standing on to fall.

(Radio News)

Antennas: A Big One In Chi-Town
Meanwhile, the windy city will soon be home to the world's tallest broadcast antenna. This as Chicago's Sears Tower adds twenty-two feet to one of its twin digital television broadcast antennas to create the world's highest broadcast antenna atop a building at

1,729 feet. The new antenna will be more than a foot taller than the one adorning the World Trade Center in New York City.

(Q-News, Newsline)

405-737-3781

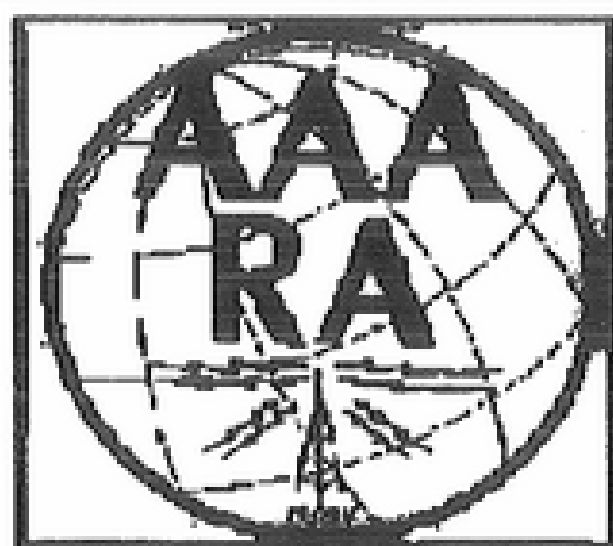
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Altus Area Amateur Radio Association

Letter from the Pres.:

Well folks, it's that time again. I think I can promise that this'll be a short one. Our club seems to be doing well this year. Attendance is up and we've gained a few new members. I'd like to take a moment to welcome all the new members to the AAARA. I hope we have enough to offer as a club to hold your interest and if there is anything you'd like to see us get involved in (Amateur Radio related :-)), please let one of us know. This is your club and the club officers will strive to see that it meets the needs of the general membership.

APRS is still the big area of interest at this time. If you were at the last meeting you already know that approximately 16 people purchased 18 TigerTrack programmable tracking modules. Many of them are already on the air. At least two others took the big plunge and purchased Kenwood TM-D700 radios. These radios are fully APRS capable out of the box. Our digi is still on the water tower, but plans are to get it up on Granite Mountain ASAP. (A note of interest, one other company just began offering a programmable tracking module for a very reasonable price. Byonics introduced the TinyTrak in kit form and so far is the least expensive way I've seen to put you on the air with APRS. The kit looks like it'd take about an hour to build if you didn't know what you were doing. If you have any soldering experience at all, it'd probably take less. Find them at www.byonics.com/tinytrak. If you haven't heard of APRS yet, plug those four letters into your favorite search engine and you'll have hours of enjoyable reading. Clubs and individuals all over the United States are getting connected with APRS.

Our communications van survived the recent hailstorm with only a minor crack in one of the skylights. The Formica for

the counter tops is here, but not yet installed. Paul, KD5AFH, found a new brake master cylinder. As soon as we have time, we'll install all this stuff and continue on to completion.

I have a few other things to talk about, but I promised to keep this letter fairly short, so I'll hold the rest till next month. Congratulations to all our new Amateurs and to all whom recently upgraded.

Respectfully,
Dale Town, N5VX

Thoughts in the Air...

By Ron KD5CYW

Well as you know the Storm Season is here as seen in FT Worth this past month. It took the road to downtown and beyond, I feel sorry for the folks that left there important work on their desk to do the next day, well it went for a ride in the big wind, hence they had no work left on their desk, and maybe the desk went too. We put our trust into things that seem to be ready for anything to happen; with out understanding that it does and it does not stand at all in the winds of change, it will change your life in one way or another. We reflect to the 1 year Anniversary of the OKC Tornado and the power that it had, the lives that were changed, friends that were made and things that were rebuilt to replace the things of the "Gone with the Big Wind" of our lives.

I was at Travis AFB that week for schooling, and I was glued to CNN for info on OKC and the folks I've come to know in OK as a Ham. With being on the phone with my Wife seeing how everything is going, and knowing that in 2 weeks I'd be home. But, the Memorial Day storm that hit Altus was an eye opener to me, as I was out storm spotting for Altus EOC, 80mph strait lined winds and hail the size of 2 to 2 1/2 " took out my windows in the house, messed up the roof, and took trim off the soffets. I know it was not like the OKC F5+ (F6 to many), but gave me a sense of glad I had good insurance, and neighbors that care about one another, well that is how my wife got to met a few, in the "Fraidy Hole". While I was out doing the Spotting, she took the kids into the bunker and a few folks from the area homes had a nice chat waiting it out, I was thinking of it taking on Altus, about my wife and kids, and later on my

wife told me that I was doing what was helping others survive to stay alive. It makes me know that I am part of a group of folks who go out to help battle the elements and get the info the NWS needs.

Yes, we have fun with Ham Radio during the normal days. But, when the winds blow and thunder sounds; (oh, that might just be John, AB5WQ's new truck "Thunder" as titled by his grandson going down the road). Rain falls, and the hail, well, hails, we are there to give it our best to our neighbors, community, and towns that are around us. Yes folks say the things in jester of "your from that town", but when the cloud towers climb and the weather gets rough we are there as a whole to protect all our neighbors, even if they are from "that town", it is still our area and our neighbors, and they know that. (Now we really need a big county BBQ or something after the seasons of the big winds are over.) I have made some good town connections with several folks around here, saying things like "Hey thanks for doing what your doing, I have a barn over there if you need to get out of the rain or hail." But I think the antennas and the flashing yellow light gives it away most of the time.

Well after you read this we will have had our Altus AFB Air Show, and the Mangum Rattlesnake Derby, along with several other little get togethers to get towers up, APRS on the air, and fine tune our skills in the storm spotting season, think back to a thought I had.... Where would we be with out the Volunteers to be Hams that we are? We may like to do Bike Races, or build a project for some one, go and help with the Tower Party of a fellow Ham, or just go visit and hear and learn what the Elmer has to say.... You thought I forgot about that. Well with out the ones that give us the encouragement to do things that never had been done, but most of all, they are there to cheer us on and see it get accomplished, give Ideas, and just being a friend to the radio voice on the other end.

With best wishes to all, and a new member of the AAARA, Jim N5UJB, mention to him, "Welcome Aboard" when you hear him on the radio. When you hear some strange call on the repeater, welcome the traveling folks, give them that good Okieland "How Are Ya" and a short QSO, it makes the road trip go by a little quicker,

seems like the miles turn to smiles. Just talked to a VE lander driving down RT 287 in TX, it was VE6MTV Delivering a new garbage truck from up North to Plano, TX... well that made his trip go by a bit quicker, and he likes the APRS idea, and he told us about the Trans Canada Link, from most of one end to the other, and it gets better every year. I guess you learn something different in a way, every day.

Also Last Nights testing for our first AAARA sponsored No Code Tech Classes at SWTC produced... 8-technician class, 3 general class, 4 extra class. Had 15 people for the examining session and all earned their ticket. Congrats to All...

Not bad for 8 out of 8, 100% pass rate. OK N1GM, let's get the code class going, :-)
And a Big Thank You to SWTC for helping out, and getting us in a room.

Hey got to go, but, That's my Thoughts in the Air for this month, This is... Ron KD5CYW, in Altus, 73's and Good Day.

AAARA Business Meeting 13 April 2000 held at Altus Fire Station #2 (EOC)

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

Old Business:

Treasurer Report- Checking & Savings.

New Business:

Breakfast Meeting 22 Apr - Friendship Inn, 9am

Building- SWTC will be our meeting place for our General Business meeting through Nov 2000.

AAARA Comm Van- Almost done with inside panels.

Reviewed consent agenda for general meeting.

Meeting Adjourned at 6:10pm

Altus Area Amateur Radio Association (AAARA) February Minutes

Mail: AAARA, PO Box 8863, Altus, OK 73522-8863.

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

The Altus Area Amateur Radio Association was called to order by the

President, Dale Town, N5VX at 7:05 PM Thursday April 13, 2000 in Altus, OK.

Introductions - Done, 23 attending.

Last Months Minutes - Read

Treasurer's Report - read motioned, all voted and approved.

Old Business -

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. You can Email Ron, KD5CYW with your info or call him.

Testing Session for 11 April 2000, was a good one, there were 21 elements given, 8 novice tests, 10 tech tests, 1 general test, 2 extra class tests, 13 people tested in all with 5 "new" No code Techs awarded. Next testing date June 27, 2000 at 6:30pm, at the Knights of Columbus Hall, on Racetrack Rd, Altus.

HAMFEST - Mike W5VXU, talked about the Hamfest dates and location, 4 Nov 2000, at the Altus Community Center on Falcon Rd. Janice, KD5BNO, will acordinate the Non-Ham tables, crafts, toys, and things of that area, (things for our YL's too). The Hamfest Committee will have it's own Checking Account set up for this Hamfest and the future ones ahead. Tables and Registrations for Hamfest will be held during next Month May meeting. Lots of discussion with this topic.

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 27 Apr 2000. On tap will be James KC5OEY, from the Red Cross to do the yearly Damage Assessment Training.

Business Cards - AAARA cards, Mike W5VXU card was the winner in a vote. Still looking for the winner of a club logo contest; it is still going on till the next Business meeting, then the Cards will be off to the printers.

APRS- Dale N5VX, Tigertronics units came in and went out to who purchased them, we have about 8 folks on line now, it is a new project for the AAARA.

AAARA Ham Radio Classes

The 18 hour amateur radio licensing class is being presented by the Altus Area Amateur Radio Assn. (AAARA) 22 March through 26 April. It presents the information required to pass the single 30 question test requirement for the Technician Class License. Classes will be held Wednesdays from 6:30pm to 9:30pm. at the Southwest Area Vocational Technical Center at 711 West Tamarack. It is working out well so far.

Altus AFB Airshow - Hams not needed, we will be ready for storm spotting duties, but, The Mangum Rattlesnake Derby that weekend Hams still needed, POC is Fred KC5SRJ.

New Business - as follows

Ron KD5CYW, will type up a letter to SWTC for their support of letting the AAARA use the Meeting room at no charge to the club.

911 Mapping, this has been tabled till we get more info.

Ron, KD5CYW has reserved the West Window at the Altus Public Library for 1 June to 30 June. This will have displays for Ham Radio, since it is Field Day month. Location for Field Day will be at the rest area we had last year, it will be North side of the Altus Muni Airport. POC for Field Day is, George N1GM.

New Business... opened from the floor
Club functions were brought up to have a club get-togethers and parties this year. We will look into this next month in details of dates and places and folks to get these events going.

Ongoing Projects. - discussed.

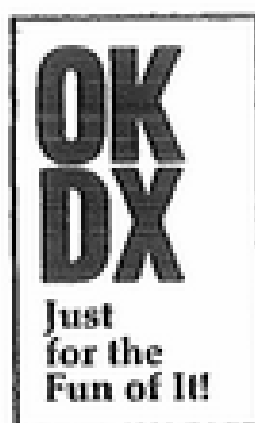
APRS- in work as a new project. Several members have it and just getting up and running.

AAARA Comm Van- Have more materials to complete some items.

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

The meeting was adjourned 8:40 PM with everyone looking forward to the next meeting 11 May 2000, 7pm at SWTC.

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



OKlahoma DX Association

From Da' Prez

By LARRY SHIMA, W0PAN

The Y2K Competition event is over with the results pouring in - 4 so far! (as of 4/22/00). Some of the participants have suggested we reduce the length to a month. Good idea, and we will probably do that for the next Y2.001K version of the event. Thanks to all those who participated and I even got some new ones out of the deal.

The OKDXA kitchen cabinet will be meeting very soon to discuss the annual Banquet timing, location, and format. If you have any ideas please let me know ASAP! A nominating committee will be appointed to come up with a slate of officer candidates for the forthcoming year beginning October 1, 2000. The candidates will be voted on at HAM HOLIDAY in July - don't miss this important meeting! We're currently scheduled just before the ARRL Forum hosted by West Gulf Division Director Coy Day, N5OK on Saturday morning. Members interested in serving as OKDXA officers should let me know - we are always looking for a few good people!

DXPEDITION VIDEO AVAILABLE

If you are looking for an interesting video to play at your next club meeting, please contact me at 405-721-8138. We currently have a 60 minute video of the ZL9CI DXpedition to Campbell Island from 1999 for loan to Amateur Radio Clubs. The only expense is sending it back to the OKDXA.

As the winter months turn to spring and summer, antenna farm maintenance comes to mind for many of us. Please be sure to work safely with a good maintenance plan and don't press your luck when time or weather are working against you. Keep all towers, masts and antenna elements well away from power lines. Double check your ropes and knots and always use a safety belt when climbing any tower. A hard hat can prevent falling hardware from becoming lethal and a good helper on the ground can be a lifesaver! No contest or band opening is worth a hasty run up the

tower on a late Friday evening followed by a weekend in the hospital. Work safe, then enjoy the DX! — W0PAN

Secretary / Treasurer Report

By JERRY CHOINARD, K5YAA

We have a new member this month:

BART LAWSON

N5WL

2502 2nd Street

Woodward, OK 73801

email: wlawson@pldi.net

When you hear Bart on the air, be sure to key up and welcome him to the OKDXA!

And we have a call sign change for Ed Gilliland: NA5Bubba is now W5TM

— K5YAA

From Da' Editor

By NELSON DERKS, KC5QVV

April 14th was windy Friday night, a Prom Night, all over Oklahoma. The south wind was feeding a cold front coming in from Colorado and expected to pass through Tulsa late Saturday evening with strong storms possible, but that was something to worry about tomorrow. Around 11 PM OETA started an Abbott & Costello movie as the HT stopped on 147.000 MHz where chatter was heard from mobile stations. Talk about Coleman lanterns and folding tables. Then more talk about a generator and orange extension cords. Like the wind, Hams were on the move.

The Midnight Ride of KC5QVV began around 11:30 PM. Battlestar Cadillacticus started on the first try and soon the chrome hood ornament was pointed toward its native habitat. Interstate 44. Eastbound. Rolling through the midnight darkness at an even sixty-five, the mobile rig locked on 147.060 MHz, the Pryor, OK machine, where a KD5 in Fritz, TX was heard working a few locals and a station in Arkansas. Two Meters was open as the turnoff onto old Route 66 in Catoosa was negotiated. Two stoplights later, the destination was sighted. Coleman lanterns, folding tables, and three VE's from the American Airlines ARC conducting their 'Vampire Upgrade Session' (paperwork only) starting at a heartbeat past Midnight, April 15th. Twenty one showed up, twenty one upgraded. The FCC Amateur License Restructure announced last December was now in effect. Early morning handshakes and congratulations were exchanged while broad smiles gleamed in the lantern light.

You couldn't help but feel the south wind on that early Saturday morning in Catoosa any more than you could ignore the winds of change sweeping through Ham Radio as midnight crossed from one time zone to the next. By Saturday afternoon, 14.160 MHz was host to dozens of OM's signing 'Stroke AE'. KC5QVV was among them.

I think it's time to sing the praises of the VE's one more time with special attention to those who made April 15th more than just 'Tax Day' this year. I'm hard pressed to think of any group within our ranks who help so many achieve their goals. Salute! Many of us started at a VE Session, and now that we're moving up through the hobby it might be time to extend the favor to the next generation of Hams by signing up for VE duty. In the Tulsa area there were three paperwork sessions on April 15th: The American Airlines ARC handled 21 upgrades, the Broken Arrow ARC had 15, and the Tulsa ARC counted 40. You may recall the Joplin (Missouri) ARC held their HamFest on the 15th and Jim Scott, WB0IYC reports 150+ upgrades with 14 VE's in attendance. They stocked enough 605's to handle 400 Hams as a recent HamFest in Kansas City logged better than 250 upgrades. Add that to the 150 or so at Green Country 2000 and rumor had it all roads would lead to Joplin on April 15th...

So, you thought Saturday morning at Wal-Mart drew a crowd...? Jim also noted a modest rise in prices on clean used HF rigs at the Joplin HamFest. Same for eBay, I've been watching prices rise slightly over the past month or so. I may need to take better care of myself if I hope to live long enough to snag a clean TR-4CW with p/s and speaker for under \$50.00... Nahhh, no one lives that long!

And speaking of time... By the time you read this, the movie 'Frequency' should be showing at a theater near you. The story line features a Heathkit SB-301 receiver capable of full-duplex transmit and QSO's with an OM who went 'SK' 30 years ago. I had a HW-101 that was profoundly 'SK' and communicated only with a soldering iron, but that's another story. The early reviews say it's a passable film and relying on Amateur Radio as a major part of the story is rare. As for using a receiver to play the role of a transceiver, if Robin Williams can draw an audience playing serious roles, anything is possible.

Recent films with a Ham Radio connection include 'Contact', where a good 90 minute story was made into a two hour movie with the good taste of using a KWM-2 appropriate to the historic context. And 'Independence Day', where hostile aliens intelligent enough to master the art of inter-galactic travel are baffled by the nuances of CW... I think it's a shame Jim Varney passed away this year, as I hoped to see a movie like 'Ernest Gets His Ham Ticket'... Chalk it up as just another Hollywood dream that won't come true...

And speaking of dreams that won't come true... How's this for a coincidence: In May of 1996 when I upgraded from Tech Plus to Advanced, I checked & initialed the 'Change My Call' box. Didn't happen. I could have sent in a second 610 with a change request, but being the slug that I am and always will be, never got around to it. No Prob. I'll get a 2x2 call with my next (and last) upgrade. Guess Again. I checked the FCC database on 4/27/2000 to find the following call is now listed as an Extra:

— KC5QVV

OPDX Bulletin - Internet Edition

The Ohio/Penn DX PacketCluster

Editor Tedd Mirgliotta, KB8NW

Provided by BARF-80 BBS Cleveland, OH

4W, EAST TIMOR

Antonio, 4W6GH operates almost daily using SSB on 17 and 15 Meters anytime between 1330 and 1930z (sometimes later) for a few hours at a time. He has gone to 80 / 40 / 12 Meters but with no set pattern. Reportedly, he is operating from Liquica, which is about 35 kilometers west of the capital Dili. Thanks to Bernie, W3UR of "The Daily DX", who reports that Thor, 4W6MM now has a P.O. Box in Australia. The QSL route is: Thorvaldur Stefansson, POB 3699, Darwin, NT 0801, Australia. Thor states he does not have QSL cards but plans to order them and that he thinks VK postage is more than 1 USD. Plus, Thor states, "If sufficient postage AND an addressed return envelope is not provided - the QSL will go via the buro - no mercy! I also don't like IRCs, they are a pain in the behind in my experience." Several people have been asking what is the story on 4W/JJ1JJJ, legit or a pirate? This station has been showing up on 40/15 Meters CW. Save your time and green stamps. This station is a PIRATE.

5I, YAMBE ISLAND, TANZANIA

Nasser, A41KG announces that twelve members of the Royal Omani Amateur Radio Society (ROARS) will be traveling to the Tanga Province, Tanzania, on June 27th, to activate Yambe Island instead of Toten Island as first reported. This is due to advice from the IOTA committee that Toten Island does not qualify for the IOTA program. They will use the call signs 5I3A and 5I3B and plan to operate all bands simultaneously (SSB, CW and Digital) from July 1st through the 10th. QSL via A47RS, P.O. Box 981, Muscat, Code: 113 Sultanate of Oman.

7P, LESOTHO

Operators Joerg, DF6VI; Dieter, DJ9ON; Markus, DL1IAN; Hans, DL1YFF (Team Leader); Tom, DL1QW and Tom, DL4OCM are planning a DXpedition July 3rd or 4th through July 22nd. They will be active from Roma, near Maseru, the capital of the Kingdom of Lesotho with the call 7P8AA. They will have 3 stations active on 160 through 6 Meters including the WARC Bands on CW / SSB / RTTY. QSL via DL7VRO. For more information and updates, check their Web page at: <http://www.qsl.net/7p8dxpedition2000>

9N, NEPAL

Toshi, JA1ELY reports two Japanese groups will be operating from Nepal with the following schedules:

April 23rd-May 9th:

JA8MWU/9N7WU and JR8FEK/9N7EK.

May 2nd - 9th

JA9LSZ/9N7SZ, JA9VJ/9N7VJ,
JG5CIP/9N7IP and JJ2NYT/9N7YT

Activity for both will be on 75-10 Meters CW / SSB / RTTY and 10m FM (at 100 watts). QSL via their home call signs.

A5, BHUTAN (DXpedition Announced)

A press release by Carl, N4AA editor of "QRZ DX" reports the Kingdom of Bhutan adopted their Telecommunications Act of 2000 authorizing Amateur Radio. The Ministry of Communications has invited an international team to introduce Amateur Radio to Bhutan on May 1-12th. The goal will be to work as many DX'ers as possible from this #2 'Most Wanted' country. Initial operation will be on the primary bands with the low bands and exotic modes coming later, but RTTY and the WARC bands will be emphasized from the start. Three CW, three SSB and one RTTY station will be active around the clock. Operators will be 9V1YC, JA3IG, JA3USA, JF1IST, OH2BU, ON4WW, RA3AUU, UA3AB, K3VN, K4UEE, K5VT, NØMJ, N1DG, WØGJ and W3WL. Using only 100 watts, the planned operating frequencies are:

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

SSB - 3795, 7095, 14195, 18145, 21295, 24945, 28475

RTTY - 14080, 21080, 28080

An interactive Web site will be available at <http://www.goldtel.net/A5> with daily log, schedule, statistics and the latest WWV (w/grayline & MUF information links) PacketCluster A5 spots from around the world and links to sponsor supporters. QSL via WØGJ, Glenn Johnson 14164 Irvine, Bemidji, MN 56601 USA. QSL cards will be available at Dayton!

Charles, K4VUD is seeking interest from US Hams wishing to join a tour to Bhutan with the purpose of operating Ham Radio from there. This announcement is not connected with the WØGJ DXpedition scheduled for early May 2000 as there might be two tours going in July.

AN6, BALEARIC ISLANDS

Julio, EA3AIR and Juan, EA5BM will activate the special call sign AN6IB from the lovely Island of Ibiza in the Balearic Islands running the EA6IB super-station during the next CQWW WPX CW Contest (2000). QSL via EA6IB or Bureau.

GD, ISLE OF MAN

Ian, GØKRL will be operating from the island April 30th through May 12th, as GDØKRL/P. It is a vacation, but he hopes

to be active every day. Activity will be on all HF bands SSB with some RTTY using an Alinco DX-70 and multiband vertical. QSL via the bureau or direct to his home call. E-mail QSL requests for the bureau can be sent to: g0krl@arrl.net

HC8, GALAPAGOS ISLANDS

Trey, N5KO and Stephen, K6AW plan to activate HC8N during the CQ WPX CW Contest (May 27-28th) as a multi-single entry. QSL via AA5BT.

HK3, COLOMBIA (6 Meter activity)

Alex Artieda, HK3TAS informs OPDX he has been very active on 6 Meters and since March 7th has worked some nice openings and heard stations with very strong signals (S9+20) from the USA, Caribbean and Hawaii. His operating time is around 0330 to 0500z and again after 1600z using a 4 element Cubical Quad with 100 watts. If anyone would like to make a sked with him (depending on the solar flux and his time) e-mail to: helax@cable.net.co QSL Manager is HK3SGP.

HMØDX MYSTERY OP?

This station has created a lot of activity on 40, 15 and 10 Meters since April 11th. The station claims to be operating from North Korea. As always, we tend to "work first and worry later" (WFWL) since the station has a very knowledgeable operator and is not your ordinary pirate. The operators name is Kim and claims to be a South Korean with a P.O. Box in Chongjin. No one seems to know this operator and those familiar with the area suspect it's not a legitimate operation. A report from Toshi, JA1ELY claims that "according to our beam tracking, the signal came from the JA7 district. The operator spoke English in a broad Tohoku (JA7 district) accent."

J8, ST. VINCENT

The "DX News Letter" reports Mike Wise, J87AB is an English missionary on Canouan (NA-025) active on 17 & 12 Meters and 6 Meters. Check 24945 or 18147 kHz after 2100z (and again after 0200z). Also, check 6 Meters between 0045 and 0330z.

LB, NORWAY (Attn. Prefix Hunters)

"The 59(9) DXReport" says Norwegian Novices who use LB prefix are now allowed to use 100 watts on all bands. Previously they were limited to 15 watts.

PYØF, FERNANDO DE NORONHA

Gerard, F2JD/PY2ZDX will be active as PY2ZDX/PYØF from May 7-15th. His activity will be on 40-6 meters CW/SSB.

PYØS, ST. PETER / ST. PAUL ROCKS

The NATAL DX GROUP announced they have received a telephone call from the Brazilian Navy and were advised the ship scheduled to carry the radio operators to the Archipelago of St. Peter and St. Paul, PYØS has been re-scheduled but not cancelled. The next maintenance trip will be in July and the two operators might be accommodated.

OL5, CZECH REPUBLIC

The club station OK1KJA has received a new contest call. Listen for OL5TEN in major contests. QSL via OK1JN.

TT8, CHAD

Jean Luc, F5BAR is active as TT8JLB mostly 15, 12 & 10 Meter CW until July. Check 10 and 15 Meters after 2200z and sometimes after 1630z. QSL via F5BAR.

VK9WI, WILLIS ISL DXPEDITION

David, VK4ZEK reports the Bureau of Meteorology has allowed a 5th operator to Willis Island and PJ Garden, VK4APG has joined the team. They will be active on 6 Meters including a beacon on 50.0515. See <http://www.qsl.net/vk9wi/1freqs.htm> for details. David also mentions thanks go to George Taft, W8UVZ for the Battle Creek Special (160/80/40 Meters) he shipped to Brisbane. With the help of 160m expert Nick, VK2ICV (VK9LX) they are hoping for plenty of 160 action from Willis.

XV5, VIETNAM

Members of the YAMATO ARC (JA1ZEK) will activate Cat Ba Island, Vietnam (AS-132) from May 1-5th. Operators will be JA1JQY, JA1KJW, JA3MCA and JA8VE using the call signs XV5JY, XV5TK and XV5VE. Activity will be on 40-10 Meters (except 30m) CW / SSB and 10 Meter FM. Suggested 40 Meter frequencies are: 7037, 7042 and 7053 kHz. QSL XV5JY via JA1KJW (yes, not via JA1JQY), XV5TK via JA3MCA and XV5VE via JA8VE to the Bureau or direct (please one IRC or 2USD).

IOTA NEWS

AS-NEW Roman, RV3MA will activate Ushakova Island in the Kara Sea around May 7th. He will probably use the call RV3MA/Ø CW / SSB on the usual IOTA frequencies. QSL via Elen, RV3ACA. For more info check the Web sites at:

<http://www.skypole.ru> or <http://rrc.sc.ru>

AS-041 Takeshi, JI3DST (7N3UXO) is planning to go to Oki Archipelago May 27-29th, June 29-31st and August 6-15th.

AS-043 Takeshi, JI3DST (7N3UXO) is planning to go to Nampo Archipelago June 16-19th.

AS-049 Takeshi, JI3DST (7N3UXO) is planning to go to Tokara Archipelago November 23-26th. He states he would like to contact as many USA and NA stations as possible from there.

AS-056 An updated schedule shows Masa, JA6GXX will be active from Danjo Archipelago during the following dates: April 28th through May 10th, May 30th through June 6th and June 30th through July 11th. This is not a DXpedition, and he will be active in his spare time on CW, SSTV and PSK31. Suggested frequencies are: 14260 +/-5 kHz or 21260 +/- 5kHz. QSL via the JARL Bureau.

AS-062 Alex, UAØFCD will be active from Shikotan Island in the Habomai Group (RR-15-06), June-July 2000. More details when available.

EU-071 The Radio club of Reykjanes in Iceland will be on Westmann Island for the upcoming IOTA Contest 2000. The callsign will be TF7RX. QSL's go via the K1WY DX Association.

EU-090 (RARE!) Members of the "Croatian IOTA Hunters Group" and the "ARC Koprivnica" will activate Palagruza Island. The DXpedition leader is Kresimir, 9A7K with possibly 5 to 7 other operators who will operate from this RARE IOTA June 7-14th (possibly 2-3 days longer, depending on the sponsorships) using the special event call 9A1ØC. The 9A1ØC call celebrates the 10th anniversary of Independence of the Rep. of Croatia. Activity will be on all HF bands plus the WARC bands. Another call 9A7K/p will be used from the same island, (9A7K - DIG 5738, IPA 624355, 10x10 66076, CBC 841). QSL via 9A7K: Kresimir Juratovic, P.O.BOX 88, HR-48000 Koprivnica, CROATIA.

EU-148 The "Castres DX Gang" will be active from "Fort Brescou" (DIFM ME001; WLH 0500; DFCF 34001; LOCATOR: JN13SG) with 4 stations on the air as F5XX/P, May 25-29th. Activity

will be on 80-10 Meters (WARC bands included). Two stations with SSB and operators F5UOE, Daniel; F5AUB, Alain; F5OSN, Guy; and F5BJW, Didier. The other two stations will operate CW with operators F5XX, Bernard and F5JBR, Andre. Listen for F5XX and F5JBR to take part in the CQ WPX CW Contest (as F5XX/P) with activity on the WARC bands before the contest. QSL manager is F5XX. QSL via the Bureau or direct to: Vignolles Bernard, Les Planetes, Route de Campans, 81 100 Castres, FRANCE.

NA-062 Bob, W2SF will be active from Lower Matecumbe key in the Florida Keys April 25th through May 15th. Activity will be on all bands CW / SSB / RTTY.

MISCELLANEOUS NEWS

April 10, 2000 - For Further Information
Contact: Bill Moore, NC1L
FOR IMMEDIATE RELEASE

The ARRL DX Advisory Committee (DXAC) has voted unanimously to add **THE CHESTERFIELD ISLANDS** of New Caledonia to the DXCC List. For DXCC credit, contacts made on or after March 23, 2000 will be accepted. Cards for this new entity may be submitted after October 1, 2000. With admission of New Caledonia to IARU membership, the Chesterfield Islands qualify by reason of separation from New Caledonia. The Chesterfields are more than 350 kilometers from the closest point of New Caledonia.

TXØDX CHALLENGES NATIONAL GEOGRAPHIC MAPS:

The TXØDX 2000 DXpedition organizing team of FK8GM, JA1BK and OH2BH had to clear several DXCC-related issues over the past two years before the Chesterfield Islands became the newest entity on the DXCC list. The question of intervening land between the rest of New Caledonia and the Chesterfields was a critical issue. If you visit the National Geographic web <http://plasma.nationalgeographic.com/map/machine/> and look for the Chesterfields, you'll see an island group including a cluster of reefs and islets at 158 degrees and a massive island at 159 degrees 55 minutes East and 19 degrees 15 minutes South. This is Sandy Island, or Les Ile de Sable, on some maps. Observant DX'ers have noticed Sandy Island is still presented on some current maps while other sources (e.g., The Times Comprehensive Atlas of the World, 10th Edition, 1999) show nothing but open water in this area. When

asked about the matter, Mr. David Miller, Senior Editor, National Geographic Maps, explained the map background was developed by WorldSat International and indicates ocean depth in various shades of blue using raw scientific data provided by U.S. National Oceanic and Atmospheric Administration (NOAA) satellites. The land areas (in green) are based on older maps and known to contain inaccuracies. By looking at the more accurate satellite-based data, it is clear the ocean where Sandy Island is depicted is actually quite deep and no islands exist there. Mr. Miller conceded that "our maps are hopelessly outdated for this area" and indicated they would be updated soon.

Why was Sandy Island significant? It was a key issue in determining whether the Chesterfield Islands qualified as an entity on the DXCC List. Open water separation of at least 350 kilometers between the westernmost point of FK-land and the easternmost point of Chesterfield Islands is required for DXCC qualification. If Sandy Island existed, the separation would not be sufficient, and the bid to make this a new DXCC entity would have failed.

"Daddy, let's get Los Angeles!"

"All right, son, that's easy. We'll turn the dial to W and get it now, if it's on the air."

WORKRITE
SUPER NEUTRODYNE RADIO SETS

But DX'ers are a determined bunch, and after finishing their own investigation the TXØDX research group concluded the 6-km long island simply does not exist. You may wish to check out another web site (<http://www.clinet.fi/~oh2bn/>) to see a set of photographs taken from the Space Shuttle. You will find maps with and without Sandy Island, the claimed island is removed from the more recent maps. Any cartographer will tell you this is never

done without a solid reason as standard practice is to include any reported obstacle to navigation--no matter how unlikely--until it is proven not to exist. It is interesting to note that French, Australian and Japanese marine charts have all been corrected recently, while many U.S.-based maps have not. It would appear that U.S.-based IOTA hunters have more options than the local folks! Additionally, you may wish to exercise your math skills by calculating the actual distance from FK to TXØDX: from the west end of Atoll de Portail at 18 deg 30 min South, 162 deg 50 min East to the east end of Bampton Reef at 19 deg 08 min South, 159 deg 05 min East which is the official determining line for the required open water separation. The DXpedition vessel also stopped at the Nereus Reefs, roughly midway on their journey to the Chesterfields, since the group had an academic interest in these underwater reefs. It was exciting indeed to watch the GPS and the breaking waves, while recording depths of less than 20 meters at times. When nothing could be found breaking the surface, the TXØDX team knew clear sailing was ahead! The TXØDX DXpedition group wishes to thank the numerous DX'ers who took an interest in these remote waters.

BQ9P WRAP-UP

Paul Daley, WT8S reports the preliminary totals for the **BQ9P** Pratas Island DXpedition are 31,000 plus QSO's. About 15,000 QSO's were SSB, 15,000 CW and over 1,300 RTTY. Leo, K8PYD and Paul were particularly pleased with the 1,300 QSO's on RTTY and the number of USA call signs on that mode, more than half of which were east of the Mississippi which showed the greatest need on RTTY in the recent DX Magazine survey for RTTY. Paul states that he will be submitting an article on the BQ9P 2000 operation in an upcoming issue of DX Magazine, focusing primarily on the RTTY aspects.

SPECIAL EVENT

Listen for the Special Event Station **3ZØMM** to be active from Szprotawa now through June 1st. Details were not provided as to why this station is active (WFWL). QSL via bureau or direct to: SP3KFH Radioklub LOK, ul. Warszawska 1A, 67-300 SZPROTAWA, POLAND

Listen for the call sign **EM500E** to be aired on all bands and modes (SSB / CW / RTTY / SSTV / PSK-31) between August

1-31st to celebrate the 500th anniversary of the Kazak Glorian in the Ukraine. QSL via UR4EN: Nick I. Golub, P.O.Box 48, Ordzhonikidze, 53300, Ukraine (E-mail: ur4eyn@operamail.com)

Listen for J430 to be active with this special call sign to celebrate the lighting of the Olympic flame in ancient Olympia, Greece. The station will be on the air from May 5-30th on all bands 160-10 Meters SSB only. A special colorful QSL card is already printed! QSL via SV3AQR.

WAYNE MILLS, N7NG TO ARRL HQ
ARLB021 ARRL Executive Vice President David Sumner, K1ZZ has announced that noted DX'er Wayne Mills, N7NG will join the Headquarters staff as Membership Services Manager, effective May 2nd. He succeeds Bill Kennamer, K5NX who retired in March. First licensed in 1953 at age 10, Mills has served as the Rocky Mountain Division DXAC Representative since 1996, Chairman of the ARRL DX Advisory Committee since March 1997, and on the DXCC 2000 Committee. He is best known for his DXpedition operations over the past 15 years, most recently from TXØDX. Mills holds BSEE and MSEE degrees from the University of California-Davis and just sold his two-way radio sales and service business in Jackson, Wyoming.

DXCC YEARBOOK 1999 OUT SOON
The DX Yearbook 1999 was delayed slightly this year. The ARRL DXCC Desk says the book is at the printer's and will be available in mid to late May. ARRL member-participants who submitted DXCC applications between October 1, 1998 and September 30, 1999 and/or current Honor Roll members will receive a complimentary Yearbook in the mail. For more information, contact Bill Moore, NC1L, bmoore@arrl.org.--DXCC Desk.

PIRATE ALERT

A station signing AP2/WA2WYR asking to QSL via KK6TX is a pirate. According to Matt, S53AU who contacted John, W2YR (ex-WA2WYR) John stated "My authorized operation took place at the American Consulate in Karachi, Pakistan from 1991 to October 1992. ALL OTHER OPERATIONS FOR AP/WA2WYR ARE PIRATES. The log books for the overseas operations can be found at <http://members.aol.com/w2yr/w2yr.htm>

QRP BEACON THRILLS

The N7GSU/BCN beacon on 28.2825 MHz has been replaced by a new machine on 28.292 MHz with 250mW continuously into a vertical antenna from McMinnville, OR (CN85if). Send reports to N7GSU direct or via E-mail: robin@n7gsu.com.

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

ARRL CONTEST CALENDAR

Reprinted with permission from QST
Contest Calendar — K5TR, Editor

WEEKEND OF MAY 6 - 7

MARAC County Hunters Contest, CW
See your April 2000 QST page 101.

ARI International DX Contest

Sponsored by Associazione Radioamatori Italiani, from 2000Z May 6 until 2000Z May 7. 160 80 40 20 15 10 Meters (no RTTY on 160M). Single op CW / PHONE / RTTY / mixed mode; multi-single (mixed mode only). Send RS(T) and serial no.; Italian stations send RS(T) and two-letter province identifier. Score 1 point per QSO w/different countries on own continent; 3 points per QSO w/different continent; and 10 points per QSO w/I or IS stations. Work stations once per band and mode; multipliers count once per band. Stations in your own country may be worked for multiplier credit only. Final score is QSO points x Italian provinces (max 103) and DXCC countries (except I and ISØ) per band. Awards. Electronic entries accepted. Send logs within 30 days to ARI Contest Manager, Paolo Cortese, I2UIY, POB 14, I-27043, Broni (PV) Italy; i2uiy@contesting.com; <http://www.kkn.net/~i2uiy/>.

Danish SSTV Contest

Sponsored by the Danish SSTV Group, from 0000Z May 6 to 2400Z May 7. 80 40 20 15 10 6 2 Meters. Score 2 pts for the first QSO with a DXCC country, 1 pt for each additional contact with the same country, and 1 bonus pt for QSO's with Danish stations. Work stations once per band. Send logs postmarked by June 4 to Carl Emkjer, Soborghus Park 8, DK 2860, Soborg, Denmark; carle@post5.tele.dk.

Indiana QSO Party

Sponsored by Land O' Lakes ARC, 1400Z May 6 to 2300Z May 7. Single op, multi op, club station, VHF/UHF; any class can be fixed and/or mobile. Exchange signal

report and county for Indiana stations, signal report and state or county for others. 2 pts for SSB and AM contacts, all other modes count. 3 pts. Multipliers: Indiana stations multiply QSO points by total of Indiana counties, states and countries worked. Out-of-state stations multiply QSO pts by the number of Indiana counties worked (max 92). No repeater QSO's. Awards. Send logs by June 11 to, Sharon Brown, 905 W Parkway Dr, Pleasant Lake, IN 46779; lwheeler@mindspring.com.

Connecticut QSO Party

Sponsored by the Candlewood ARA, from 2000Z May 6 until 2000Z May 7, with a rest period from 0400-1200Z. Phone, CW and RTTY. Work stations once per band and mode, mobiles as they cross county lines. No repeater QSO's. Single op, fixed / mobile; Novice; QRP (<5W); multi-single, multi-multi and CT clubs. Send RS(T) and state/province/DXCC country; CT stations send county. Score 1 pt/phone or RTTY QSO; 2 pts/CW QSO; and 5 pts/W1AW or W1QI QSO. Final score is QSO pts x CT counties; CT stations use CT counties / states / provinces plus 1 multiplier for DX. Awards. Send logs by Jun 3 to CARA, POB 3441, Danbury CT 06813-3441; <http://www.danbury.org/cara/>

Massachusetts QSO Party

Sponsored by the Framingham ARA, from 1800Z May 6 until 0400Z May 7 and 1100-2100Z May 2. Work stations once per band and mode. Classes: outside MA; MA single op; MA multiop; MA portable; MA team (5 MA single ops); MA Novice/Tech; MA club. Send RS(T) and state/province/DXCC country/MA county. Score 1 points per phone and 2 points per CW/digital/video QSO. Final score is QSO pts x MA counties (max 14) per band; MA stations use MA counties + states / provinces / DXCC countries. Awards. Send logs by June 6 to FARA, PO Box 3005, Framingham, MA 01701; n1tyh@arrl.net; <http://www.qsl.net/~fara/>.

US IPA Contest

Sponsored by the International Police Association Radio Club, CW and Phone, 0000Z May 6 to 2359Z May 6 for CW; 0000Z May 7 to 2359Z May 7 for Phone. Single Op, Multi-Op and SWL. Exchange RST, serial number and member number (if member). Multipliers are IPA/IPARC club stations in each US state (max. 50). Score 1 point per QSO for each contact,

International IPA stations are 2 points per QSO, US IPARC/IPA stations are 5 points per QSO, IPA Club stations are 10 points per QSO. Add a 100-point bonus for working an IPA club station on 5 bands. Send logs by May 31 to: Alexander Dutkeych VE3PIG / N2PIG, US IPARC Contest Chairman, Holiday Acres, Box 188, Stroud, ON L01 2M0 Canada; alexdutkeych@webtv.net; <http://www.ipac.org/>.

(Editor's Note: Love the 'PIG' calls, but my favorite is still Stephen Earley of Rio Hondo, TX - N0SHT - KC5QVV)

VHF/UHF Spring Sprint

902 MHz/1296 MHz/2304 MHz. See your April 2000 QST, page 100.

WEEKEND OF MAY 13 - 14

Armed Forces Day

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

CQ-M International DX Contest

Sponsored by Krenkel Central RC of Russia, 2100Z May 13 to 2100Z May 14. CW, Phone, SSTV, 160 80 40 20 15 10 Meters plus satellites. Categories: Single op-single band CW, SSB, mixed mode or satellites; single op, multiband CW, SSB, mixed mode or QRP (mixed mode, <5 W you must send /QRP); multi-single (multiband, mixed mode); SWL or WWII veteran (multiband, mixed mode); SSTV (single or multiop, multiband, SSTV only). Change bands only once every 10 minutes. Work stations once per band, regardless of mode. Exchange RST and serial number. Scoring 1 point per QSO with own P-150-C country, 2 points per QSO with another P-150-C country, 3 points per QSO with another continent. Multipliers: Each country in the P-150-C award country list counts as a multiplier only once per band. Final score is the sum of all QSO points, times sum of all multipliers. Awards. Send logs by July 1 to CQ-M Contest Committee, Krenkel Central Radio Club of Russia, Box 88, Moscow, 123459, Russia; cqm@mail.ru; http://www.mai.ru/~cqc/cq-m/cqmain_e.htm.

Fists CW Club Spring Sprint

Sponsored by Fists International CW Club, 1700-2100Z May 13. CW only. Work stations once per band. 80 40 20 15 10 Meters. Exchange name, state / province / DXCC country and Fists number if member or power output if non-member. Count 5 points per QSO with Fists members, 2 points per QSO with non-members. Final score equals QSO points times states, provinces (once for each) or DXCC countries (each time worked). QRP and QRO categories. Send paper logs only within 30 days to Alan Tanner, 3787 Trebein Rd, Fairborn, OH 45342; <http://www.fists.org/>.

Nevada QSO Party

Sponsored by the Frontier ARS, 0000Z May 13 until 0600Z May 14. 160 80 40 20 15 10 6 Meters, SSB / CW / RTTY. Work stations once per band/mode. Send RS(T) and state / province / DXCC country; NV stations send county. Score 2 points per CW or RTTY QSO and 1 point per SSB QSO. Final score is QSO points x NV counties (NV stations use states / provinces / DXCC countries). Awards. Send logs by June 15 to Jim Frye, NW7O, 4120 Oakhill Ave, Las Vegas, NV 89121-6319; nw7o@anv.net.

Oregon QSO Party

Sponsored by the Central Oregon DX Club, 1400Z May 13 to 0400Z May 14. Oregon stations work everyone. Others work Oregon stations only. Work stations once per band/mode, mobiles again as they cross county lines. No repeater QSO's. 1 point per SSB QSO; 2 points per CW QSO. OR stations multiply QSO points by OR counties / states / provinces / DXCC countries; others multiply by OR counties worked (max 36). Add 50 bonus points for working K7O and another 100 bonus points for working club station K7ZZZ. Awards. Send logs by May 25 to Oregon QSO Party, c/o CODXC, K7ZZZ, 19821 Ponderosa St, Bend, OR 97702.

VHF/UHF Spring Sprint, 50 MHz

See your April 2000 QST, page 100.

WEEKEND OF MAY 16 - 21

Major Six Club Contest

Sponsored by the Six Club, 2300Z May 19 to 0300Z May 22, 6 meters only. Count 1 point/QSO within your country; 2 points/QSO outside of your country (KH6 and KL7 count as countries). Final score is the total QSO points times the number of

different grid squares worked. Awards. Mail logs by June 21 to Six Club, PO Box 307, Hatfield, AR 71945; sixclub@6mt.com; <http://6mt.com/contest.htm>.

WEEKEND OF MAY 28 - 30

CQ WW WPX Contest, CW

See your March 2000 QST, page 100.

ARCI QRP Hoot Owl Sprint, CW

Sponsored by QRP ARC International, from 2000 until 2400 local time May 28. Categories single band, all band, high band (20, 15, and 10 Meters), low band (160, 80, and 40 Meters). Work stations once per band. Send signal report, state / province / DXCC country and QRP ARCI number if member (nonmembers send power output). Count 5 points per QSO with ARCI members. Others count 2 points per same continent and 4 points per different continent. Multiply QSO points by state / province / DXCC countries worked per band and by power multiplier (>5 W x 1; <5W x 7; <1W x 10; <250mW x 15). Certificates. Mail entries by June 28 to QRP ARCI Contest Manager, Randy B. Foltz, 809 Leith St, Moscow, ID 83843; <http://personal.palouse.net/rfoltz/arci/arcits.htm>; rfoltz@turbonet.com

Memorial Day CW Sprint

Sponsored by the Michigan QRP Club, 2300Z May 29 until 0300Z May 30. CW only, 160 80 40 20 15 10 6 Meters. Classes <250 mW; 250 mW to 1 W; 1 W to 5 W; and over 5 W. Exchange RST, state / province / DXCC entity and power output (MI-QRP members send membership number.). Work stations once per band. Score 5 points per QSO w/MI-QRP members, 4 points per QSO w/non-members outside W/VE and 2 points per QSO with W/VE nonmembers. Multiply QSO points by states / provinces / DXCC entities worked per band x 1.25 if you are using a home-brew receiver or transmitter. Awards. Send logs to L. T. Switzer, N8CQA, 654 Georgia Ave, Marysville, MI 48040-1243; n8cqa@tir.com; <http://www.tir.com/~k8dd/rules97.htm>.

W1AW CW Qualifying Runs will be held at 7 PM EDT Wednesday, May 3 and at 9 AM EDT Thursday, May 18.

The K6YR West Coast Qualifying Run will take place at 9 PM on Wednesday, May 10. Check the W1AW schedule for details. George Fremin III, K5TR, 624 Lost Oak Trail, Johnson City, TX 78636 k5tr@arrl.org

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

MAY 2000

10-10 Int. Spring Contest, CW	0001Z, May 6	2400Z, May 7
902/1296/2304 MHz Spring Sprint	0600 local	1300 local, May 6
Indiana QSO Party	1400Z, May 6	2300Z, May 7
Massachusetts QSO Party	1800Z, May 6	0400Z, May 7 and
	1100Z	2100Z, May 7
ARI International DX Contest	2000Z, May 6	2000Z, May 7
Connecticut QSO Party	2000Z, May 6	0400Z, May 7 and
	1200Z	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
50 MHz Spring Sprint	2300Z, May 13	0300Z, May 14
CQ VHF Specialty	1800	2400

Mode Activity	local, May 19	local, May 21
Weekend	2300Z, May 19	0300Z, May 22
Major Six Club Contest	1500Z	1859Z, May 20
EU Spring Sprint, CW	2100Z, May 20	0200Z, May 21
Baltic Contest	1800Z	2200Z, May 23
2000 6m Activity Contest	0000Z, May 27	2400Z, May 28
CQ WW WPX Contest, CW	2000	local, May 28
QRP ARCI Hootowl Sprint	2300Z, May 29	0300Z, May 30
MI QRP Club Memorial Day CW Sprint		

JUNE 2000

WW South America CW Contest	0000Z, Jun 3	1600Z, Jun 4
IARU Region 1 Field Day, CW	1500Z, Jun 3	1500Z, Jun 4
QRP TAC Sprint	1800Z	2359Z, Jun 3
ANARTS WW RTTY Contest	0000Z, Jun 10	2400Z, Jun 11
Portugal Day Contest	0000Z	2400Z, Jun 10
QRP Day Contest	0700Z	1200Z,

Asia-Pacific Sprint, SSB	1100Z	1300Z, Jun 10
TOEC WW Grid Contest, SSB	1200Z, Jun 10	1200Z, Jun 11
ARRL June VHF QSO Party	1800Z, Jun 10	0300Z, Jun 12
All Asian DX Contest, CW	0000Z, Jun 17	2400Z, Jun 18
SMIRK Contest	0000Z, Jun 17	2400Z, Jun 18
Kid's Day Contest	1800Z	2400Z, Jun 17
West Virginia QSO Party	1800Z	2400Z, Jun 18
Marconi Memorial HF Contest	1400Z, Jun 24	1400Z, Jun 25
ARRL Field Day	1800Z, Jun 24	2100Z, Jun 25

Doctor DX

Dear Doctor DX:

Did the OKDXA Web Page move to www.qsl.net/okdxa?

Signed: Cyber d00d

Dear Cyber Dud:

Fer Shure! It's now at www.qsl.net/okdxa!

**Successful DX'ers Start Early
And Stay Late!**

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

The ShaZamaHamaTronics Genetic Research Division Announces A Major Breakthrough:

THE ShaZamaHamaTronics FLYING TOWER MONKEY !!!

THIS HAS TO BE THE MOST SIGNIFICANT PRODUCT WE'VE EVER OFFERED!



HOW MANY TIMES have you heard that a Ham working on a tower could be REPLACED BY A MONKEY?

It was a joke then, BUT IT'S A REALITY NOW that – ShaZamaHamaTronics – has BUILT THE BETTER MONKEY!

COMBINE THE INSPIRATION of the Hollywood classic 'THE WIZARD OF OZ' with the MIRACLE OF MODERN GENETIC RESEARCH and you can have A HIGH-PERFORMANCE FLYING MONKEY for ALL YOUR TOWER WORK! NO LADDERS, NO FEAR and NO 'Morning After' ACHING BACK WHEN YOU HAVE A FLYING MONKEY!

All ShaZamaHamaTronics FLYING TOWER MONKEYS make a great club purchase and are licensed "General Class or Higher"

As Cletus B. Liddley, A5LID of Bokchito, OK says: "It's the best tower accessory you can buy, and they work for peanuts! "

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

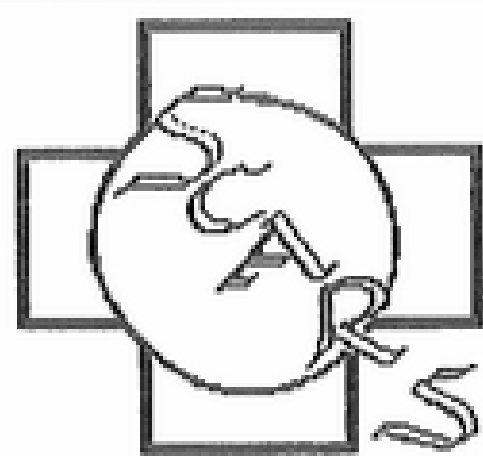
Be sure to mention you saw it in the Collector & Emitter – Real Audio Bulletins at: <http://www.99x.com/ramfiles/rush.ram>

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.qsl.net/okdxa>

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



South Canadian Amateur Radio Society

The April meeting of SCARS had good member attendance but half the officers were gone. In the absence of Tom Miller, KD5ENL; VP Ed Berkowitz, N3US presided and in my absence Dave Perry, N5KUJ volunteered to take notes. He writes better than I do anyway.

Following the formal introductions Jeff Wyke, KT5OK gave the treasurer's report and all is well. Ken Esadooah, N5BEW gave the Repeater report and stated the UHF controller is in need of repair. Ken Brown, N5KUG moved that \$100 be allotted for this. Motion passed.

Bill Lockett, KD5DOB gave the CORA report. Ham Holiday arrangements are ongoing and it appears there would be no advantage from a \$ standpoint to only use part of the building. Hal, KB1ZQ and Linda, N1LPN (Mr. and Mrs. C&E) were at the meeting and stated if anyone could come up with a better site for Ham Holiday let CORA know. They also invited others to submit articles to the C&E. Sorry I missed them this meeting.

General discussion involved Dennis, KC5EVH reserving Reeves Park for Field Day and ordering Field Day Pins for participants. Jud, W5JA suggested the club think about getting a 1x2 call. Ken, N5BEW mentioned that John Nelsons call W5AVK was available. He bought the first repeater for SCARS.

Bret Ramirez had again volunteered to do the Tues night net on 147.060 at 7:00PM. The first one had about 15 check-ins. Very good. Ed adjourned the meeting at 9:53 to start the next round of testing.

Our condolences go out to Louis Russell KD5WA. His wife Mary passed away April 2nd.

Late Breaking News- The VE team had 30 people show up resulting in 1 New Extra, 1 New Advanced, 3 New Techs, 1 upgrade to Tech Plus and earning CSCE's for April 15 were to Extra and 3 to General. Another great job.

Just In - I received notice from NW0K as to the results of the April 15 Paperwork Session by our VE Team.

The final tally is 32 new Extras and 23 new Generals. The # of Generals equals the number they have processed the last 7 YEARS and the # of Extras is almost TWICE as many. In Jim's own words "What a difference a little code makes". Our appreciation really goes out to the VE team. They were very well organized and the process went very smoothly. Their web page with pre-registration capability makes things go much better besides having so many good links and features.

Jim told us to be patient for the processing to go through, the FCC is obviously flooded by the massive amount of testing across the country.

Thanks Guys
N5UMH Temp AG



VHF Club NEWS

W5LOW

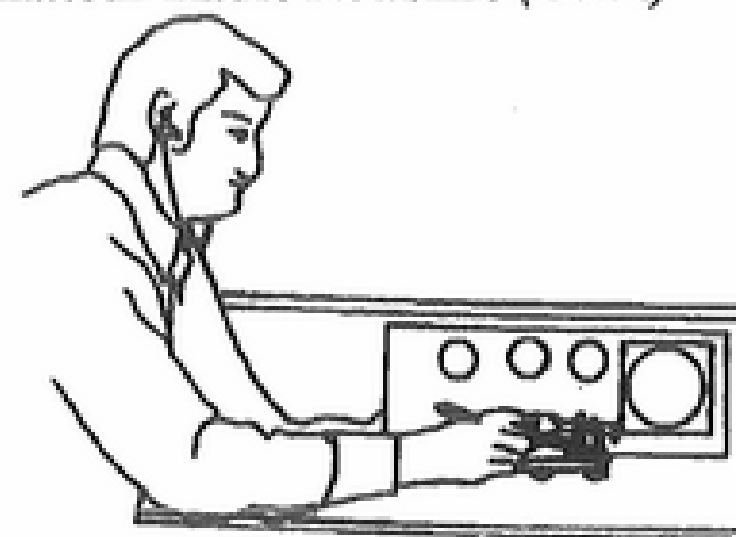
Elmer Goekler Memorial
Station

The Central Oklahoma VHF ARC held the April 12, 2000 meeting at Hometown Buffet, 3900 N. W. 63rd. Meeting was called to order by Bill, WA5FWD @ 1130 with 26 present. Treasurers report was given & approved, But the minutes of the last meeting were absolutely DIS-APPROVED. Bring the 'boat anchors' for a random drawing to the MAY meeting, which should be about the 10th of May. The size and weight of the treasures brought to be 'awarded' are as was mentioned in last months minutes.

We had a really great meeting, with two very nice people from Kansas, Sharon N0IXB @ David Hohlfeld W0KFS, who are friends of Garnett @ Ellard Foster, W5KE. Also, Fred Boardman, W5NL had a birthday celebration on April 17th, and the IRS moved tax day two days in Freds' honor.

Respectfully, J.R. KB5WVE

Amateur Radio Newsline (Con't)



Ham Radio And Hollywood: The Movie Frequency

Have your club help promote ham radio at your local theater and win a new Icom transceiver or other prizes. That's the crux of a new ham radio promotional tie-in with the soon to be released Dennis Quaid movie -- Frequency. What is it all about? The ARRL's Rick Lindquist, N1RL, has more: An Icom IC-746 HF/VHF transceiver pledged by manufacturers for the club that does the best job of promoting Amateur Radio at a local theater screening the movie Frequency. Lots of other nice prizes have been donated too.

The movie uses ham radio as a plot device that lets a long dead father (played by) Dennis Quaid and his adult son John Cavasale meet up on the airwaves during the mother of all sunspot cycles. Eventually they conspire in efforts to change the past.

The ARRL was consulted in the interest of accuracy, but no League representatives have viewed the film as yet.

I'm Rick Lindquist, N1RL. Hollywood Producer -- Dave Bell, W6AQ -- attended an early screening of Frequency. We asked him to evaluate the film for us: Dave Bell W6AQ: "I think that for the first time, people who are non hams and who cannot understand what the lure of ham radio is, will understand it. And it's ironic that they are going to understand it in such a fanciful sci-fi style movie as Frequency. But, I think that they are going to get it from Frequency!"

Frequency debuts on April 28th at a theater near you.
(Newsline, ARRL)

THE SECRET ANTENNA

Jerome Doerrie, K5IS

k5is@hotmail.com

Tri-State Amateur Radio Group

You may read this only if you promise not to discuss any of this with anyone. Red Eyed Louie, the 80 meter dxer, wants to keep his antenna a secret.

Every Saturday afternoon the Locals gather at the Good Old Friendly Amateur Radio Store, known as GOFARS, to discuss world affairs, as long as world affairs concern ham radio, dxing, antennas, mobile operations, repeaters, or radio equipment. Some drive in from a good distance just to regale each other with tales of success and woe, commiserate the woe, and verify the successes. The fellowship has been such for as long as anyone can remember. If nothing particularly interesting has happened lately, they will tell stories from five, ten, or fifteen years ago. They do what hams do best-- talk. Just like a ham club meeting, not much listening occurs, but lots of talking. One or two have been known to pull a prank every now and then. Some have strong personalities and others just have strong body odor, but each is passionate about ham radio. Being a good ham does not immunize any of the group from having tragedy strike.

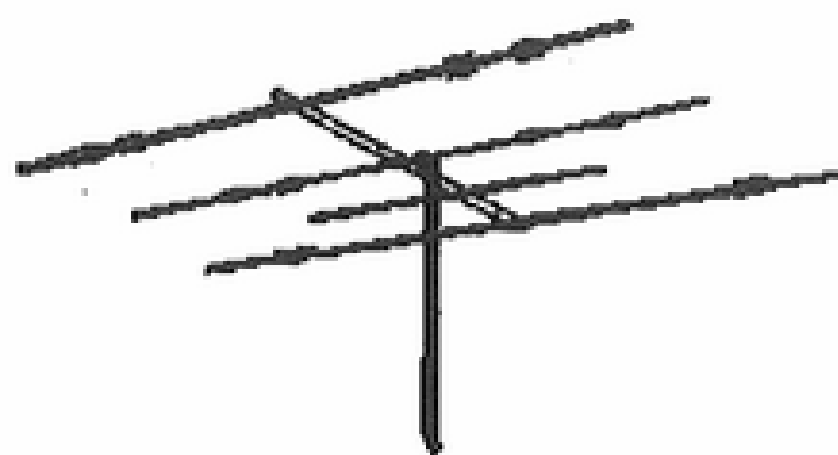
Lying John, the proprietor of GOFARS, noticed that something was amiss. Lying John pays attention to the needs of his customers, and one was not being his usual self. The discussions were subdued and did not contain the usual sarcasm and putdowns.

The "Prefesser" also noticed this and says, "Doc, I haven't seen you this quiet since you won the grand prize, a complete Collins S line, years ago at HamComm, and someone called Sweet Thing and told her that you had lost your mind and was buying everything in sight. They also told her that you were going to sneak it into the house by telling her that you had won the grand prize. She believed them instead of you. Is anything wrong?"

"Boy! Did Sweet Thing get mad. She imposed an import duty on all of my hobbies. That rig ended up costing me over a thousand times its list price! It would have been better if I had not won it.

But that was mild! Now Sweet Thing thinks we need a new home and has found a nice house in that exclusive valley development known as Restricted Acres Ranchettes. It comes complete with a deed restriction of no TV or radio antennas, no satellite dishes, and campers and boats are not to be left overnight. Everything has to meet the approval of the neighborhood association. They even specify when to mow the grass and how often to water the yard. It really will be difficult to give up my tower and beam antennas."

All agree, this certainly is tough luck, even for someone who deserves it as much as Doc does for the way he insults everyone. No ham wishes anything like this on another ham unless it is some that should have their license suspended by the FCC.



"I took the top and bottom pieces from a pole lamp and put them in a piece of PVC pipe so that it would be free standing. From the center I wound equal number of turns of enamel coated magnet wire in a clock-wise single layer as close together as I could get it. Three hundred-ohm TV twin lead connected the antenna tuner on the radio desk to this vertical dipole that was in the room with me. I even worked all states with it," said the QRPer.

"When the ice and snow detune my outside antennas, I use a 15 meter quad that is thumb tacked around the edges of the walls, floor, and ceiling in my radio room. By using a tuner, I can work 10, 15, and 20 meters with it. It has made some good rtty contacts into Europe," suggested Percy, the teletype operator.

Another voice said, "I use a dipole antenna in the attic."

Someone suggested using copper foil strips like the kind that his wife has for edging in her stained glass projects. He made a dipole and put it under the top

layer of shingles on his roof. Very small diameter coax was used to connect to it.

"Clip a mobile whip antenna to the patio railing when you want to operate, then store it inside when done," offered Janice, the fly fishing librarian.

"A 19 inch long piece of copper pipe attached to your bathroom vent pile will not be noticed as a two meter antenna." Highpockets continued, "If you use a base insulator, a flag pole can be used as a vertical antenna. Bury the loading coil in a box under ground."

"If you paint #28 enamel wire sky blue and use small size zip cord, also painted blue, as your feedline, no one will notice your antenna strung in the trees," hinted Lawyer Malloy. "If anyone from the neighborhood association gives you any trouble, call me. I'll tie them up in court so long that they will be sorry they bothered you."

Oscar said that he works the radio satellites from his apartment. In the guest bedroom is a small tripod that has a rotator mounted in it for azimuth control. Attached crossways to the mast is another rotator for elevation control. Small beams for 2 meters and 440 are mounted to the mast that is in the top rotator. On the ceiling are tacked dipoles for 10 and 15 meters. It is fun to work dx stations on the satellites with this setup.

"I thank all of you for your kind suggestions, but I really would like to have better antenna performance. Something on the order of a full size vertical for 80 meters," snorted Doc.

Clearing his throat, Red Eyed Louie began, "Doc, I hear you and know just what you mean. I have hidden a full size 80-meter vertical in my back yard. The wind, rain, or snow does not bother it. I don't talk about it because I want to keep it a secret. However, if everyone will promise not to discuss this with anyone outside of this group, I will tell you the details."

"I promise." "Me, too." "Count me in." and so it went around the room.

"Lowering his voice, Louie continued, "pick the spot where you want to put the antenna. Put a squirt nozzle on the end of

a water hose and use the water pressure to drill a hole in the ground. I went down 70 feet. One-inch diameter PVC pipe was used as a casing to line the hole. A fishing weight was tied to one end of a 67-foot long piece of wire and lowered down into the hole. The top end was connected onto an automatic mobile antenna matcher unit. Four wire radials are buried just below the soil surface. Mine are 45 foot long. At 33 foot I put in a 40-meter trap, then used a coil to resonate the remaining length for 80 meters. The tuner is hidden in the base of a birdbath and the coax to the house is also buried. Some people think that an antenna will not work underground. This one works well because the angle of incidence equals the angle of refraction. If an above ground vertical antenna has a 7 degree takeoff angle, it also has a downward 7 degree angle of rf energy that goes into the ground. When the antenna is turned upside down, the angles will reverse, so that what used to go into the ground, now escapes through the earth to reach for the ionosphere. When I change bands on my rig, the mobile match unit automatically retunes for the new band. Clever, eh?"

"That is more like what I am looking for," replied Doc. "I see that it is getting late and I promised Sweet Thing a dinner date tonight. I had better be on my way. Good afternoon to all."

As Doc left he whispered something to Lying John, then escaped out the door. Lying John doubled over in laughter. "What did Doc say?" everyone asked.

"What day is this?" asks Lying John still laughing so hard he can barely speak.

"Uh, it's Saturday."

"What month is this?"

"Oh my gosh, it's April 1st..."

"Doc said for me to tell the you clowns happy Fool's Day! He got us good as he and Sweet Thing are not planning on moving any time soon."

Every Saturday the Locals gather at GOFARS to commiserate the woe and enjoy the successes. That is the way it has always been and always will be. However, some will be ready to return the "compliments" to Doc next Fool's Day if anyone can remember that long.

Tri-State Amateur Radio Group

W5OKT-Wonderful 5 Oklahoma Kansas Texas
Our Web Page:

<http://www.digitalcupboard.com/w5okt/>

Feel free to browse and drop us a note...w5okt@arrl.net

Wouff Hong: Tri-State will present a ceremony at Ham Holidays. More information to follow.

MEETING: Town--Woodward, Ok.
Place--Northwest Electric Building
Time--7:00-7:30PM is social and fellowship 1/2 hour
7:30-9:00PM is the regular meeting of T-SARG

June:

RELAY FOR LIFE: The16th at 7pm through the18th 7am at the Woodward High School football field.

ARRL FIELD DAY: 24th & 25th. At Gage, Ok.

July:

Ham Holiday: 28th & 29th. We will be doing the Wouff Hong.

August:

Ice Cream Social. 12th at Christal Beach. If snowed out, the 19th.

September:

BALLON LAUNCH: by Jerome K5IS Sat. 9th. Information to follow.

St. Jude Bike-a-Thon: Will be held at Mooreland Grade School the16th from 9:00AM - Finish. Talkin on 147.36+ with 88.5 tone. It is a bike ride (fund raiser) to support St Jude Childrens Hospital, Memphis, TN. for cancer research and care. If your child is interested in riding contact Gerald for sign up and sponsor sheets. Event coordinator Gerald Bowman (W5OKT) (580) 994-6118
w5aok@pldi.net

The 23rd will be back up day if 16th is rainy.

October: 1. ??????????????????

November:

Election of Officers: for 2001.

December:

Christmas Party: Our annual party will be held Thursday the14th at 6:30PM. Regular meeting place. We will arrive around 6:30 for set up. For information contact Jim Hand 580-994-6118 nw5ok@pldi.net

Regular Meeting April 13, 2000

Welcome: Jim NW5OK

Sec/Treas. Report: Gerald Bowman W5AOK

Old Business: All Members,
Sending Flowers & Greeting Cards To Be Discussed Again.

Cora News & Such.

New Business: All Members,

Tech Class, Who, When, Where?

Yearly Planning: Ballon Launch Canceled.

Relay For Life: The16th At 7pm Through The18th 7am At The Woodward High School Football Stadium.

ARRL Field Day To Be Held At Gage, Ok.

NOAA WX & Repeater Reports:

Bill Wyatt N5WO & Jay Kruckenberg

K5GUD: NOAA Radio Has New Antenna.

Wouff Hong: Gerald Bowman W5AOK: To Be Held At Ham Holidays.

Closing Comments: Everyone

Tri-State Amateur Radio Group, Jim NW5OK

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Mike LaPuzza – K5ZZA

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Edmond Amateur Radio Society

Birthdays:

The following EARS club members have May birthdays:

5-02 Harold Hall KA5AGM
 5-04 Clara Granger KG5UG
 5-07 Evelyn Carder KC5GFX
 5-07 Charles Hofferber ND5CH
 5-08 Dwight Schrum KC5YKH
 5-11 Mary Wells KA5WHI
 5-17 Harold Plunk K5GBF
 5-19 Gary Ummel KC5UWA
 5-20 Lee Vaughn KA5WIS
 5-22 Wes Foote KC5ZBX
 5-22 Brent Cranfill KD5HLA
 5-24 Stefy Guinn KB5HWI
 5-29 Allen Watson W5ERY
 5-31 Gail Edwards KC5CPS

New Members:

A hearty welcome to our new Club members:

Mike McEwen, K5MTM
 Chauncey Baker, KD5JBK
 Craig Vowel, KD5JFT
 Phillip Wolowicz, KD5JSA
 Charles Hofferber, ND5CH

Member Information:

To notify the Club of a change in your Call, Address, Phone number or E-mail address, please contact Sharon by E-mail at km5gv@arrl.net. Thank you.

de Sharon Thompson KM5GV

Board Meeting:

Edmond Amateur Radio Society
 Board Meeting Minutes
 April 11th. 2000

The April EARS Board Meeting was called to order at 7:30 by President Curtis Foote, KC5GEP at the EARS Club Station. In attendance were Robert Coxsey KM5GZ, David Wolf KC5KJE, Earnest

Wolf K5YKD, Ron McCubbin KC5QCV, Squire Luttrell KA9KFC, Daniel Simpson AC5TE, Larry Traub N5OL, June Zimmerman KD5IYJ, Dee Mize WD5FHR, Jim Richardson N5OHL, Dave Storey K0TYC, Sherry Storey KD5CPJ, Steve Kuper KC5RYT, Ken Snyder N5TWC, Lee Vaughn KA5WIS, Pat Martin KD5CPQ, Sharon Thompson KM5GV, Curtis Foote KC5GEP, Gary Carson KD5CPL, Clara Granger KG5UG, John Thomason WB5SYT.

Secretary's Report: Bob KM5GZ, asked if the Minutes of the March Meeting, that had been sent out, had been read. A motion was made to accept the minutes. They were voted on & approved.

Treasurers Report: Gary KD5CPL, said that he had \$15.00 to put in the Scholarship Fund. Ron KC5QCV, asked if field day site had been paid for. It had. A motion was made to accept the Treasurers report. They were voted on & approved. Reimbursements for the month: Joyce Wolf KC5NBI, office supplies Sharon Thompson KM5GV postage & supplies.

Gary said that there should be only one order for the field day pins.

Vice Presidents Report: David, KC5KJE said that the dinner meeting will be at Western Sizzlin Sat. at 6:00.

Repeater Report: Lee, KA5WIS said the repeater was doing fine. Ken, N5TWC had found a phone line problem. He replaced 2 resistors on the board. Ken had installed some weather macros. Lee had a new list of phone patch procedures & does not want to change the access code yet. Lightning protection has been installed & we are ready for the storm season.

Emergency Coordinator Report: Lee said that Jim from the NWS had offered to give a weather spotting class to the EARS Club Members. He got a head count of who would attend. Also would get count at the dinner meeting.

Board Members Report: Pat, KD5CPQ said that we need field day equipment, Daniel, AC5TE said that he & Lee were talking about a Club train trip to Fort Worth. Daniel will check on group rates. Clara KG5UG, Earnie K5YKD & Lee had no reports.

Past Presidents Report: Steve asked about the Club having another tailgate sale at the next Business meeting. Everyone was in affirmative agreement.

Activities Comm Report: Dave K0TYC, said that the Vietnam Wall is scheduled. We have the pavilion in the park for field day for 24 hours. The July 4th parade was in the works. We will man the entry table at Ham Holiday as usual.

Audit Report: Robin not present. Curtis said that it wasn't ready yet. Will be ready for May meeting.

H.F. Comm. Report: No report. Ed not here.

Club Station Report: Dee, WD5FHR said that the roof work needs to be finished, the sloper needs coax, & that there was a 10 meter vertical to be installed. Need black cord for the Fritzel. Will need to raise Fritzel up to 8 foot. Need pvc for the run of coax from the R5 vertical. Will move wall anchor to west side of wall. Dee will check on prices of coax.

CORA Report: Ron asked who reads the minutes in the C&E. CORA is considering having a smaller building & give more prizes for Ham Holiday. Can't move to another building because they need the other rooms for test. Lee asked about the Clarion Hotel. Ron said that it & the Myriad have been checked. Next CORA meeting will be at the Skyline Restaurant April 22nd at 12:00.

Membership Report: Sharon KM5GV, passed out new rosters, passed out list of members interests to comm. members. Passed out list of non renewals. Passed out jacket order forms.

Calling Comm Report: Sherry said that she & Clara were making new calling roster. Said they need more help calling.

Health & Welfare: Clara said that Bufford Ford KC5MXE's wife had a Staph infection in her legs where they removed veins for the bypass surgery. Harold Hall KA5AGM has had cataract surgery & retina repair. Harold said that he was glad to be a member because of the card he received from the Club. Lee said that Ken was recovering from hernia surgery.

Scholarship Report: David said that the judges have the list of applicants. Should know who gets Scholarship by end of May.

Net Report: Bob states that the Net is doing okay.

Vietnam Wall Report: John WB5SYT, said that the Wall will be here April 26th. He says that he has 36 time slots to fill. There will be a computer there for locating names on the wall. Also there can be rubbings taken. The special event station call will be W5W. For field day, the Edmond Mayor will declare that week Amateur Radio Week. John will ask the Governor to declare that week for the State also.

Special Event Report: John has 25 RSVP's for the test. Curtis asked if they need help to set up chairs & tables. John said that they need the VE's there at 12:45.

CPR Class Status: Red Cross wants \$30.00 a person for the certificate. Curtis will try to get a better price.

New Business: Clara talked to St. John Church & they want to know if we want Seaton Hall for Club meetings. There was discussion about using the Community Center for Club meetings. John will check with the City of Edmond about us using the rooms. Clara will ask for Dec. 9th for the Christmas Party. The second choice will be Dec. 2nd. John said there will be a documentary on Channel 13 about storm spotting & Hams. It will be shown on April 27th. Dave said that the Club needs to buy a Windom for field day. Also wants a TNC for Club Station. Dave will get prices. Dee said that he has got latitude & longitude for all the corners in Edmond. David said that metal signs for cars were \$30.00 each. Dee said the state amateur emergency card renewals were due. A motion was made to adjourn. It was voted on & approved.

de Robert Coxsey KM5GZ

E.A.R.S. JACKETS / CAPS:

Now taking orders....

Jackets are lined windbreakers with the Club logo stitched on the back, and your name and call sign embroidered on the front. They come in Small, Med., Large, XL, XXL and XXL. Colors: Forrest

Green, Royal Blue, Navy Blue, Black, Red, Gold and White. Cost: \$30.00.

Caps are one-size-fits-all with a foam front, mesh back and adjustable band. The Club logo is stitched on the front (name and call sign not available). They come in almost every color. Cost: \$4.50.

For more information and ordering details, email Sharon at km5gv@arrl.net or call 844-6245. Order Deadline May 22nd.

de Sharon Thompson KM5GV

Future Activities:

The following will look familiar from last (and every) month. You've had the nicest weather of the year to get your antennas just right, and here are some opportunities to put them to the test.

The May EARS Emergency Net will convene at 11:00 AM Saturday the 6th of May and 11:00 AM on Saturday the 3rd of June. Be sure to check in and clear the cobwebs out of your radio in time for the following event:

The May Siren Test will be Saturday the 6th of May at high noon. The June Siren Test is the 3rd of June at high noon. We're definitely into storm season. Have you volunteered yet? Edith KA5YPX needs to hear from you if you can spend some time helping out. Give Edith a call at 348-2961 to get a spot to listen from.

Breakfast still happens each Saturday at a location to be determined on 147.135 around 8:15 on each Saturday morning. We're rotating through breakfast spots in Edmond. Come try one out with us.

Don't forget about the Monday Night Information Net! Get the latest information on amateur radio around Edmond and the Oklahoma City area. Want to know what's happening in amateur radio in general or in specific, check in to be informed. And... new control operators are always needed. Bob Coxsey is the net manager. Give him a ring if you'd like to give it a whirl.

The next Board Meeting will be at the Edmond Community Center at 7:30 PM on May 9th. We'll be in a different room from the Club station so there should be plenty of room.

The next Business Meeting will have a representative from the NWS up for some basic storm spotter training. I have as conflict of dates as I type this, so check the Monday Night Net for finalized information.

Field Day will be in Hafer Park split between pavilions 2 and 5. That is the 24th and 25th of June. It will be here before we know it!

Also as I type this, the club is out at Mitch Park supporting the display of the traveling Vietnam Wall. There will be more of a write-up on this activity and the accompanying special events station (W5W) next month.

de Curtis Foote KC5GEP

Health And Welfare:

We wish to extend our deepest sympathy to Karl Williams, KD5AW, his wife Peggy and family in the loss of their son Michael, who passed away April 16, 2000. May the many fond memories of your loved one keep him near you and help lighten your burden of sorrow.

We also offer our deepest heartfelt sympathy to Clifford Cooley, N5CJS, in the recent loss of his father, Clifford Sr. Knowing we share your great loss we hope it will help see you through this difficult time.

We wish to extend our deepest heartfelt sympathy to Dee Mize, WD5FHR, Shelby, KA5YPE, Mike, KB5BIX, and all the family in the loss of Dee's father, Lionel Mize, who passed away April 26, 2000. We want you to know we share in your sorrow. May the memories and good times shared with your loved one help to ease the pain and sorrow.

Rick Tasetano, N5KLM, his wife, Ruth Ann, had surgery April 4, 2000 at Deaconess Hospital. Her recuperation is going well and is improving each day.

Harold Hall, KA5AGM, recently had cataract and retina surgery. His vision is improving each day and all is going well.

Buford Ford, KC5MXE, his wife, Louise, had infection problems in both legs after her bypass surgery. This past month with all the antibiotics she has greatly improved and is doing fine now.

All of you are in our thoughts and prayers. Those who are recuperating we wish you a speedy recovery.

May the blessing of the Easter season remain with you through out the year.

Happy Mother's Day to all the great Moms!

73 de Clara Granger, KG5UG

That's it for this month. Please send information for next month's C&E to Curtis Foote at cfoote@theshop.net so I won't have to take up so much space.

Amateur Radio Newsline (Con't)

Ham Wins Beauty Contest: Kb0mdx Crowned Miss Topeka 2000

Changing gears for a minute, a young woman from Kansas has been crowned Miss Topeka. And guess what. She is a licensed radio amateur. Newsline's Cathy Anno, KB0FDU, says congratulations are in order:

And the good wishes go to Heather Hollenbeck, KB0MDX, who is the reigning Miss Topeka 2000. Heather, who is now in college, comes from a ham radio family. Her mother Missy Hollenbeck is AA0OF. Her dad, Fred, holds the call sign N0WSA and her brother, Jacob, is KB0RMK. But that's not where the family ham radio connection ends. This is because it was her grandfather Gary Hoffsommer, W0TI, who first introduced Heather to the magic world of Amateur Radio.

And what's next up for KB0MDX? Late word is that she plans to compete in the Miss Kansas 2000 pageant this June. And we at Newsline wisher her all the best. Reporting from the end of the Yellow

Brick Road, I'm Cathy Anno -- yep, new name but same call, Cathy Anno, KKB0FDU, reporting for Newsline. (ARRL)

IARU: Celebrates 75 Years.

While we are at it, a quick toast to the International Amateur Radio Union which celebrated its seventy-fifth anniversary on April 18th. And coincidentally, the 18th also saw one of IARU's founding members -- the REF-Union in France -- also celebrated three quarters of a century as a national Amateur Radio organization. (RAC)

<*>

International: No CW Speed Limit In 4x-Land

If you have heard a rumor that the Israeli government has capped ham radio Morse operations at 25 words per minute -- don't believe it. No such speed limit exists on CW as we hear from Newsline's Robert Sudock, WB6FDF:

A story appearing in an electronic newsletter that says Israel has put a maximum speed limit of 25 words per minute on how fast Israeli hams can send CW is mistake. The story of the CW speed limit came from comment in the ham radio newsletter Hagal International. In it, 4Z5IS, said that as a result of changes in the laws governing Amateur Radio, hams in that country could no longer transmit Morse code at any speed greater than 25 words per minute. The reason given was nobody involved in their government monitoring of radio communications can copy Morse at any higher speed.

Corroborating the story was a note to Newsline Ron Gang 4X1MK. Gang is the co-author of the Hagal International Newsletter. Ron said that he was there when the announcement was made and heard a government official tell a group of

hams that 25 words per minute was the new speed limit.

But things are not always as they seem. Joseph Obstfeld, 4X6KJ, who is an honorary president of Israel Amateur Radio Clubs and Liaison Officer to the Israel Ministry of Communications says that there were several mistakes made that lead to this erroneous information. The first error was made in the speech where the announcement was made. The second was in the Hagal International report. Obstfeld says that the real story is that the soon to be released new Israeli licensing conditions may carry a notification saying that stations shall not transmit Morse code faster than 25 wpm for identification purposes. Note the two words left out of the original speech and Hagal report. They are for identification purposes as in signing ones call.

Joseph explains that this rule -- which is really still a suggestion -- is intended to give those hams who opt for the new Israeli Class D Plus license a chance to copy the identification of stations who are experienced in high speed CW transmissions. The new Israeli Class D Plus ticket only requires knowledge of Morse at 5 words per minute. And less we forget, our sincere thanks to Rick Lindquist N1RL at the ARRL, Ron Gang 4X1MK of Hagal and especially to Joseph Obstfeld 4X6KJ for helping to streighten out the facts of whats really happening in regard to restructuring in 4X land. The bottom line. Israeli hams can continue to operate the Morse Code as fast as they can send and receive but have to remember to keep it under 25 when signing their calls. (Newsline, ARRL, Hagal, 4X6KJ)

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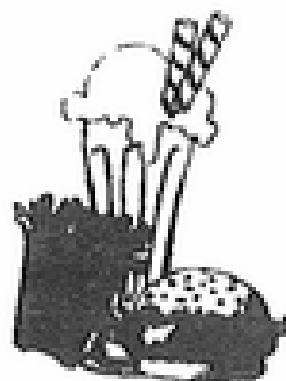
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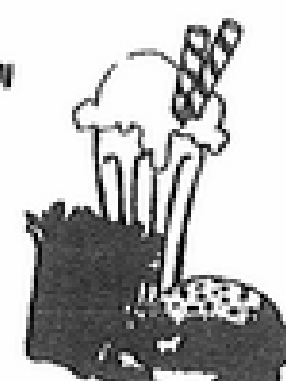
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A. R. R. L. Bulletins

From: ARRL Headquarters
Newington, CT
To: All radio

Special Bulletin 7
April 3, 2000

Wounded Boy Transported to Dallas Hospital

Willem van Tuijl--the 13-year-old boy from the Netherlands wounded during a pirate attack off Honduras--is in the US. The youngster, the son of Amateur Radio operators Jacco and Jannie van Tuijl, KH2TD and KH2TE, was seriously injured by a single bullet on March 28. His father was able to summon help via the Maritime Mobile Service Net on 20 meters.

Through contacts with amateurs in the US and elsewhere, the boy and his mother were transported by Honduran authorities to a hospital in La Ceiba, Honduras, where Willem underwent emergency surgery. Arrangements were made March 31 through the office of ARRL President Jim Haynie, W5JBP, for Willem to be flown to Children's Medical Center of Dallas. He was reported in fair condition there April 3.

"Willem is great," Jacco van Tuijl said, adding that his son was "talking and smiling" and was aware of his medical situation. "His spirits are very high," he said.

Both parents have had little sleep in the past six days and are nearing exhaustion because of their ordeal. They're staying at a Ronald McDonald House near the hospital.

The Dallas hospital has agreed to accept Willem as a patient and treat him without guaranteed payment. An SBAir Lifeguard aircraft with a medical team from CMC was dispatched from Dallas to Honduras the evening of March 31, and the boy and his parents arrived in the US early the next morning.

The arrangement with Children's followed contacts by Haynie's office with the Texas Scottish Rite Hospital--an orthopedic facility that recommended Children's--and with US Rep Pete Sessions. Haynie's office also was able to make arrangements for the airport in Honduras to remain open past its usual 9 PM closing time to accommodate the flight from the US.

A fund has been established to assist the family. Donations are invited to Willem Fund, c/o Southwest Bank, 1603 LBJ Freeway, Suite 100, Dallas, TX 75234.

Local amateurs in the La Ceiba, Honduras, area have said they will cover Willem's hospital expenses there.

In public statements, both parents have expressed their thanks and gratitude to the Amateur Radio community for their assistance and support. Jacco van Tuijl indicated the family was taking things one day at a time at this point. "It's a big disaster, yes," van Tuijl said, "but he didn't die."

The incident occurred after pirates boarded the van Tuijls' sailing sloop off Honduras on March 28 while the father and son were on an inflatable dinghy near by. After the shooting, the pirates fled and van Tuijl managed to get his injured son, bleeding badly, back on board his sailboat. He then got on the radio to summon urgent help. Among those responding was Dr Jim Hirschman, K4TCV, a Miami physician, who was able to provide first-aid advice over the air.

The van Tuijl family has been cruising various parts of the world since 1995. They obtained their US Amateur Radio licenses during an extended stay in Guam.

Media interest in the story has been high. TV crews and reporters met the boy and his family as they arrived to admit the youngster to Children's Medical Center.

ARRL Bulletin 22
April 19, 2000

FCC says Generals not allowed in Advanced subbands

The FCC says newly upgraded General class licensees may not operate in the current Advanced class subbands under the new amateur rules. Bill Cross, W3TN, of the FCC's Public Safety and Private

Wireless Division notes that no privileges changed for any license class.

The Advanced class license continues to exist under restructuring, which became effective April 15, although the FCC no longer accepts applications for Novice or Advanced class licenses. Current Generals do not earn Advanced class privileges until they upgrade to Amateur Extra class, when they earn both Advanced and Extra privileges.

The FCC also says General class operators may hold only Group C (1x3) or Group D (2x3) call signs, as it was under the old rules. Generals remain ineligible to apply for or hold Group B (2x2) call signs.

Newly upgraded licensees were cautioned to check the revised Part 97 rules carefully to make sure they're not operating beyond their privileges. FCC Part 97 rules are available on the ARRL Web site at <http://www.arrl.org/field/regulations/news/part97/>.

The FCC today released the Errata to its December 30, 1999, Report and Order on restructuring. The Errata incorporate minor errors contained in the original R&O and already made in the version of the new rules that appeared in The Federal Register earlier this year.

ARRL Bulletin 21
April 14, 2000

Wayne Mills, N7NG, to Join ARRL HQ Staff

ARRL Executive Vice President David Sumner, K1ZZ, has announced that noted DXer Wayne Mills, N7NG, will join the Headquarters staff as Membership Services Manager, effective May 2. He succeeds Bill Kenamer, K5NX, who retired in March.

First licensed in 1953 at age 10, Mills has served as the Rocky Mountain Division DXAC Representative since 1996 and as chairman of the ARRL DX Advisory Committee since March 1997. He also served on the DXCC 2000 Committee. He is best known for his operating on DXpeditions over the past 15 years, most recently from TX0DX.

Mills holds BSEE and MSEE degrees from the University of California-Davis and just sold his two-way radio

communication sales and service business in Jackson, Wyoming.

ARRL Bulletin 20

April 14, 2000

West Central Florida Section Gains Another County

Northern Florida Section Manager Rudy Hubbard, WA4PUP, and West Central Florida Section Manager Dave Armbrust, AE4MR, have been advised that, by mail vote, the ARRL Board of Directors has authorized the transfer of Pasco County from Northern Florida to West Central Florida. The change will be effective April 15.

Board Secretary and ARRL Executive Vice President David Sumner, K1ZZ, thanked Hubbard and Armbrust for their cooperation in effecting a smooth transition for the members in Pasco County.

ARRL members in Pasco County recently voted overwhelmingly in favor of the switch.

ARRL Bulletin 19

April 14, 2000

Regulatory Matters Top ARRL Executive Committee Agenda

The ARRL Executive Committee heard reports on several regulatory matters confronting or affecting Amateur Radio. The Committee met April 1 in Irving, Texas. Meeting minutes were released this week.

ARRL General Counsel Chris Imlay, W3KD, told the Committee that two petitions for partial reconsideration—one of them from the ARRL—have been filed in the wake of the FCC's "restructuring" report and order, WT Docket 98-143. Neither petition has been placed on public notice. Imlay noted that once public notice has been given, interested parties may file opposition comments. The FCC does not solicit supporting comments for such petitions, and it's under no obligation to consider them.

A Petition for Rule Making that seeks to eliminate the Citizens Band rule prohibiting communication over distances greater than 250 km was among other items the committee discussed. The ARRL has commented in opposition to the

petition, RM-9807, filed by Popular Communications Contributing Editor Alan Dixon, N3HOE.

The League's comments noted that long-distance communication is contrary to the fundamental purpose of the CB Radio Service, and that legalizing it would encourage the use of illegal power amplifiers. The FCC is expected to dismiss the petition.

The Committee discussed encouraging additional PRB-1 legislation at the state level on the assumption that local land-use authorities would more likely be aware of state statutes than of federal regulations. Ten states now have PRB-1 legislation in place. Legislatures in several other states, including New York and California, are considering PRB-1 bills.

Imlay also updated the Committee on the status of experimental license applications in the Los Angeles area for airborne microwave downlink video in the band 2402-2448 MHz. Separate petitions were filed on behalf of the County and the City of Los Angeles. Imlay said the City's application was granted, and the license WB2XEN issued. The ARRL has filed a Petition for Reconsideration and continues to object to the County's application.

ARRL Executive Vice President David Sumner, K1ZZ, reported that there are now 143 co-sponsors of HR 783, the Amateur Radio Spectrum Protection Act. A companion bill, S 2183, has been introduced in the Senate with five initial co-sponsors. Additional co-sponsors are being sought.

The next meeting of the Executive Committee will be July 20 in Hartford, Connecticut. The complete minutes of the April Executive Committee meeting are available at http://www.arrl.org/announce/ec_minutes_463.html.

ARRL Bulletin 18

March 24, 2000

PRB-1 Bill Introduced in New York

A bill has been introduced in the New York State Assembly to codify the essence of the limited federal preemption known as PRB-1 in New York State law. Assembly bill A. 9947 would require localities to "reasonably accommodate" Amateur Radio

antennas and would prevent localities from restricting antenna structures to less than 95 feet above ground level or from restricting the number of support structures.

ARRL Hudson Division Director Frank Fallon, N2FF, says the bill represents two years of work by his Hudson Division PRB-1 Task Force, which spearheaded the bill's development as well as a strategy to get it enacted. The Task Force used other successful state PRB-1 bills as models and had assistance from ARRL Headquarters. Fallon said the bill has the support of his staff and all three Hudson Division ARRL section managers. Support also has been obtained from Atlantic Division section managers in New York, and plans are under way for a statewide promotional effort.

The bill, introduced March 7, is in the Committee on Local Governments, which must vote on the measure before it goes to the full Assembly. Assuming the measure makes it past both chambers, it would go to Gov George Pataki—a former amateur—for his signature.

Echoing the PRB-1 language, it would provide that any ordinance impacting the placement, screening or height of antennas "must reasonably accommodate Amateur Radio antennas and shall impose the minimum regulation necessary to accomplish the political subdivision's legitimate purpose." The bill also would prohibit any local ordinance, by-law, rule or regulation, or other local law from restricting Amateur Radio support structure height to less than 95 feet above ground level or from restricting the number of antenna support structures.

Fallon is urging clubs and individuals to contact their New York State lawmakers—Assembly and Senate—to cosponsor or support A. 9947.

Up Coming Events

ANNOUNCEMENTS

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

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

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

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

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

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

VE exams in Enid are done on odd months starting with the month of January. On the 2nd Saturday at 10:00 AM at the Oklahoma Natural Gas Co located at the

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

On the Air

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

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

6 meter check in 52.525 Mhz simplex

Packet check-in on 145.07

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Science And Technology: Follow That Owl - Again

And finally, those radio-tagged Burrowing Owls we have often told you about are once again on the move northward once again. Here's Newsline's Joe Moell K0OV to tell you how you can help researchers track them. If you're among the many hams and VHF monitoring enthusiasts who have participated in the Burrowing Owl project, or if you'd like to start helping now, make sure that your receiver is on for the next 4 weeks. April and early May is the peak time for northbound migration of these threatened birds, thought to be heading for the plains of Alberta and Saskatchewan. Thirty-one tiny bio-tag transmitters in the 172 MHz range should still be active. From a ham monitoring standpoint, this has been the project's most successful winter, with three reports of tags heard. Even though the birds were not sighted, the reception reports were useful because they established that the owls' wintering grounds may include Arizona and Arkansas as well as Texas and northern Mexico. If you live in any central state, from Arizona to Mississippi on the south and Montana to Minnesota in the north, please help out this spring. Exact frequencies and equipment suggestions are at my Web site www.homingin.com. No spaces, just 'homingin.' Thanks again for your help. From southern California, this is Joe Moell, K0OV for Amateur Radio Newsline. Again that web address is www.homingin.com

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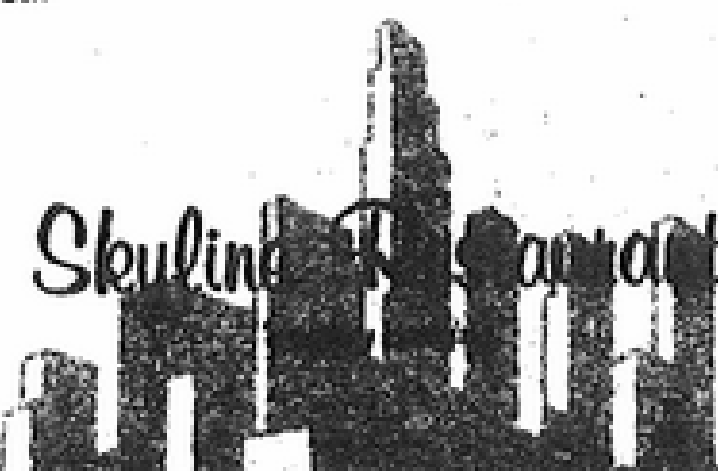
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April 30 - June 10, 2000

CORA Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<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
<i>May 7</i> 2:00 PM Red Cross Ve Exams	<i>May 8</i>	<i>May 9</i>	<i>May 10</i> 11:00 AM OK VHF ARC	<i>May 11</i> 7:00 PM Albus Area ARA 7:00 PM Tri-State ARG	<i>May 12</i>	<i>May 13</i> 9:30 AM S. Canadian ARS 10:00 AM EARC Ve Exams 10:00 AM SCARS VE Exams
<i>May 14</i>	<i>May 15</i>	<i>May 16</i>	<i>May 17</i>	<i>May 18</i>	<i>May 19</i>	<i>May 20</i>
<i>May 21</i>	<i>May 22</i>	<i>May 23</i>	<i>May 24</i>	<i>May 25</i>	<i>May 26</i>	<i>May 27</i>
<i>May 28</i>	<i>May 29</i>	<i>May 30</i>	<i>May 31</i>	<i>June 1</i> 7:00 PM Aeronautical Center ARC	<i>June 2</i>	<i>June 3</i> 9:30 AM BAARC Ve Exams 10:00 AM Ada ARC 2:30 PM Vinita VE Exams
<i>June 4</i> 2:00 PM Red Cross Ve Exams	<i>June 5</i>	<i>June 6</i>	<i>June 7</i>	<i>June 8</i> 7:00 PM Albus Area ARA 7:00 PM Tri-State ARG	<i>June 9</i>	<i>June 10</i> 9:30 AM S. Canadian ARS 10:00 AM EARC Ve Exams 10:00 AM SCARS VE Exams

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
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26	27	28	29	30	31	

April

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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May

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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

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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	

July

S	M	T	W	T	F	S
	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				