

Collector & Emitter

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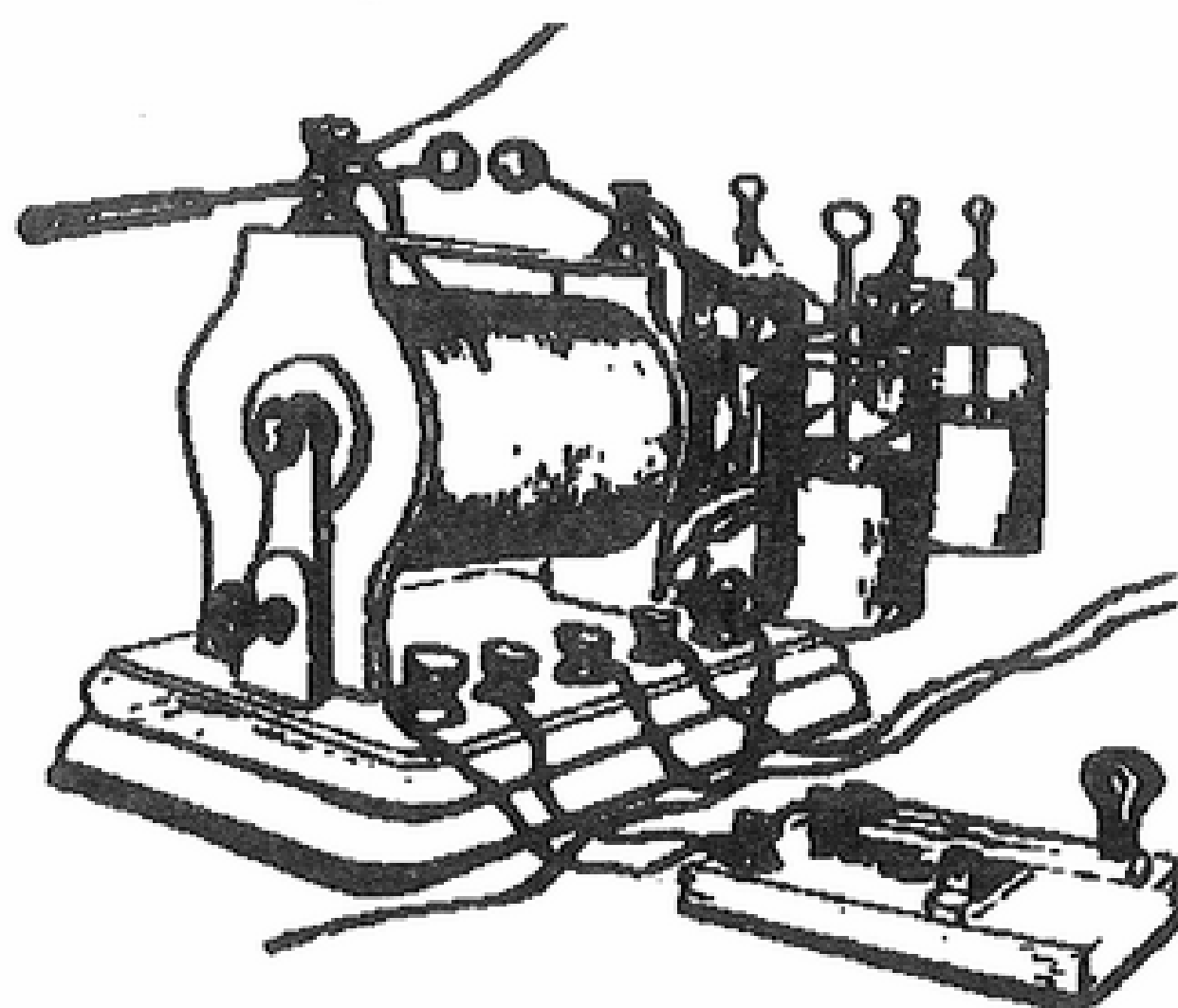
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For Postal Information

Periodical Mail

Computer Illiteracy?

Radio Shack DSP40 Review

Jamboree-On-The-Air



Ada ARC News

**Cell Fone Failure
Hams To The Rescue?**

AZ Jammers Were Scouts

Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio
Amateurs, Inc.****President: Harold Miller, KB1ZQ****V Pres.: Brad Nelson, KJ0W****Secretary: Forrest Rush, N5VWF****Treasurer: Perry Jenkins, KB5TOT**

Dear Subscriber:

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

2	96/12	2
JOHN E. DOE, KA5ABC		
1234 SW 56th STREET		
RADIOVILLE, OK 74321-9876		

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

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

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1. Aeronautical Center ARC Meets: 1930L, 1st Thursday, FAA, S. MacArthur, OKC Pres.: Bob Kremer, WA9FCT 381-3182 VP: Chuck Bryant, KB5ZVZ 737-0423 Sec/Tr.: Brad Nelson, KJ0W 793-9470 Editor:	11. Edmond Amateur Radio Society Meets: Odd Months, 1400L, 3rd Sunday, St. John's the Baptist, Even Months, Dinner, 3rd Friday Pres.: Edith Vaughn, KA5YPX 348-2961 VP: David Wolfe, KC5KJE 340-7486 Sec: Jim Rynearson, KC5MJS 348-2643 Treas.: Clara Granger, KG5UG 341-2968 Editor: John Thomason, WB5SYT 340-1796
2. Oklahoma Central VHF ARC Meets: 1100, 3d Saturday, Ashley's Country Kitchen 1-40 & SE 15th St., Del City Pres.: Jackolyn Olsen, KA5ENU 842-2305 VP: Ken Eason, KF5JS 789-2200 Sec: John Dome, KB5WVE 842-3493 Treas.: Ellard Foster, W5KE 789-6702 Editor:	14. Cimmaron Amateur Radio Assn. Meets: 1930L, 1st Thursday, WX5Y Playhouse 827 S. 13th, Fairview Pres.: John Medley, N5WVU VP: Kenneth Monahan, KB5SOM Sec: Dennis Painton, WK5V 764-3599 Treas.: Nadine Painton, N5FMH 764-3599 Editor: Kenneth Monahan, KB5SOM
4. Oklahoma City Autopatch Assn. Meets: 1930L, 3rd Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (Back Door) Pres.: John Brassfield, N5SAM 685-8070 VP: Loyd Hargrove, AB5I 391-5723 Sec: Sam Binkley, KL7V 942-2600 Treas.: Bob Kremer, WA9FCT 381-3182	15. South Canadian ARS Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Michael McEwen, KC5GJL 329-2615 VP: Mike Divilio Jr., KC5GRZ 360-3236 Sec: Randy Ridenour, WB5RWN 329-0967 Treas.: Sara Byer, KC5ABA 321-1673
6. Altus Area Amateur Radio Assn. Meets: 1900L 2nd Thursday, Southwest Technology Center, Altus, OK Pres.: Mike Brown, KK5ZB 481-6138 VP: John Mealer, AB5WQ 563-9252 Sec: Lil Town, KC5CNA 477-4027 Treas.: Mart Dennis, KC5NAX 477-2988 Editor: Dave Locke, KC5SII	17. Ada Amateur Radio Club Meets: 1000L, 1st Saturday, Basement Ada City Hall 231 South Townsend, Ada, OK Pres.: Roy Throne, KB5STV 436-1019 VP: Dwight Myers, N0RIW 436-4755 Sec: John Burchett, KC5EZX 332-1063 Treas.: O. J. Collins, KC5DYX 332-7878
8. Choctaw Amateur Radio Club Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Bill Crossland, N9SQV 390-1514 VP: Hub Peery, W5GYX 275-8036 Sec: Larry Anderson, KB5ENP 672-4590 Treas.: Bill Tarkington, KC5ICR 390-8751 Editor:	19. Tenkiller Area ARC Meets: 1300L, 2nd Saturday, OCT, JAN, APR, JUL. Cookson Fire Dept., Cookson, OK Pres.: Mike Clemons, KE5NU 918-463-3287 VP: Clyde Stottlemire, W5TQE 918-457-5959 Sec: Dick Wells, KH6FHS 918-457-3463 Treas.: Norma Wells, N5PNP 918-457-3463 Editor:
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2nd Sunday, Location Varies Pres.: Johnny Fish, K5GBN 893-2227 VP: Neil Kappus, N5KCO 262-1551 Sec/Tr.: Joe Garland, WA5FLT 893-2660 Editor: Ralph Wilder, WA5PFK 623-5421	<p style="text-align: center;">CORA is Growing!! Room For Another Club's Officers Here. Let US Know of any Clubs wanting Information On Joining CORA.</p>
10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Jim Hood, WV5S 405-732-6131 VP: Ross Hunt, K5RH 918-234-5050 Sec: Jeff Martin, K5WE 918-486-6493 Treas.: Mark Byard, N5OGP 405-762-1966 Editor: Mark Byard, N5OGP 405-762-1966	Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (BackDoor) Pres.: Harold Miller, KB1ZQ 672-7735 VP: Brad Nelson, KJ0W 793-9470 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, KB5TOT 354-5075 Editor: Harold Miller, KB1ZQ 672-7735

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Central Oklahoma Radio Amateurs, Inc.

September 24, 1996 Meeting

The meeting was called to order by the president Hal, KB1ZQ. Introductions were made and 4 clubs were represented with 12 persons present.

Motion to accept minutes as printed in the C&E Seconded and Passed.

Treasurer's report not given due to illness in Perry's, KB5TOT family.

Elections:

John, WB5SYT was called in to presided over the election of the 1997 officers.

President: Hal, KB1ZQ

Vice-President: Brad, KJ0W

Treasurer: Perry, KB5TOT

Secretary: Forrest, N5VWF

We wish to thank John for his assistance in conducting the elections for CORA.

A discussion was held reference the CORA sponsored test sessions. Questions were raised as to what support did CORA give to the testing sessions and were reports of the testing results given to the CORA board for official record keeping.

Brad announced the ACARC will sponsor a No Code Tech class to be held in Moore, due to the security issues now at the FAA center. Times to be announced at a future date.

JOTA will also be an ACARC event again this year. Plans are for several different scout groups to participate at the ACARC station at the FAA center.

Meeting closed at approximately 8:30 p.m..

Respectfully taken for Forrest, N5VWF who was cruising the Caribbean.

Hal, KB1ZQ

PHASE 3 D LAUNCH DATE APPROACHING

The launch of ham radios next shining star could come a lot earlier than previously thought. Construction of AMSAT's Phase 3D satellite is well along and the French have now cleared the Ariane 502 booster to fly.

Phase 3D is more than just a replacement for the aging Oscar 13. The technology being carried to space by this bird will usher in a whole new era in ham radio orbital relay communications.

SPY BIRD

The London's Daily Telegraph reports that a fragment of an Ariane rocket traveling at 31,000 miles per hour vaporized a portion of France's Cerise spy satellite last month. The collision destroyed part of the six yard long gravity stabilization boom of the satellite.

Using Russian and U.S. tracking technology, scientists at the University of Surrey were able to determine that the debris originated from a 1986 final stage failure of an Ariane rocket. Ironically, the Cerise satellite -- used by the French military to map radio emissions was also launched aboard an Ariane last year.

SUNSAT

One of the more unusual projects riding on the SUNSAT experimental satellite slated for launch in March of 1997 is an experiment that will monitor the internal sounds of the spacecraft during the early part of its mission in space. Through this experiment, it should be possible to hear things such as the gravity gradient boom extending and locking into place, creaking sounds caused by thermal changes to the spacecraft structure, and sounds from the reaction wheel assemblies. Sounds from the spacecraft will be available in real time through a 2 meter FM downlink transmitter, and promise to hold a lot of interest.

WINDTRACKS

It has been a busy summer for members of the Central Indiana Balloon Experimenters Group. Windtracks 9 launched its third balloon for the summer

from a school in Howard County. Kokomo hams working with students at the Greentown Central Middle School helped launch and recover a three package payload.

The balloon rose to nearly 100,000 feet before bursting and floating back to earth. During its two hour flight, hams checked in from Wisconsin, Ohio, western Pennsylvania, central Illinois, and from all over Indiana. Pictures could be seen from the onboard camera at sites in Ohio and Pennsylvania.

The students ran the 2 meter and 75 meter nets. The packages were recovered about twenty miles from the launch site.

HIRED HACKER

And finally, what do you do when you lock yourself out of your computer and can't remember your password? Hire a computer hacker of course. That's what a California school district did a few weeks ago, and repercussion are being heard statewide.

It seems that students at Palisades Park High School needed transcripts to send off with college applications, but they were all in the school computer and nobody who knew the password could be reached. The school principal was away on vacation and could not be reached. Another employee had suffered a stroke and everyone else was either on vacation or away working at other jobs.

So the school superintendent apparently gave the green light to hire a hacker. But not just any hacker. The person hired was a sixteen year old who was able to break the secret code and get the needed transcripts out. And he did not work for free. After he completed his mission he billed the school system \$875 based on a fee of \$25 an hour.

Right now school officials are still trying to justify the expense to the school board. That could go on for some time. But it should make us all ask the question of who says that there is no entrepreneurial spirit left in today's youth?

Chit-Chat

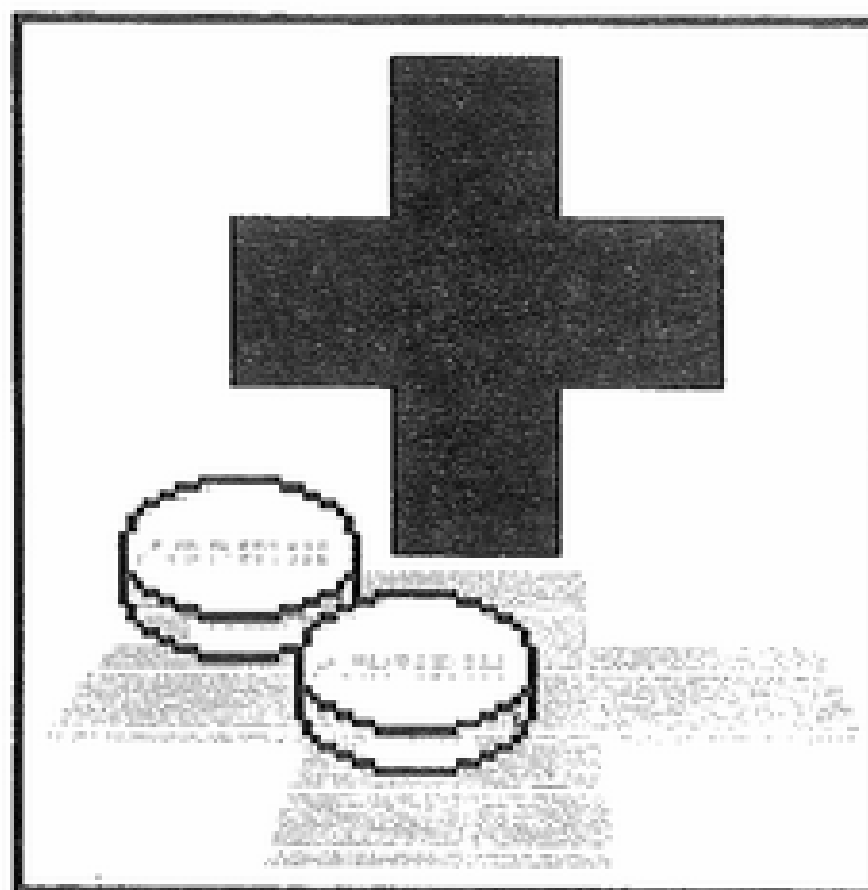
by Linda NILPN

Hello everyone! It is October once again and all too soon the holidays will be upon us. This is the time of the year I love the best, maybe it has something to do with the fact I am an October child. I love Oklahoma as she changes seasons, back in Texas we only had a hot season and a cold wet one. Here, I get to experience all four seasons and they never hang around long enough for me to get bored with any set one. My first experience with true seasons was in New England back in 1978. Mike was born the first snow fall of that year. Hal never understood how I could walk barefoot in the snow. When I left the house to go get the mail, it was not unusual to have him come running out the door after me, carrying my shoes and fussing the whole time at my refusal to stop and put on my shoes. Our neighbors usually got a pretty good show. Secret was it was a dry snow and never went to the bone like the cold wet winters I grew up with. That cold would be bone deep and you never got truly warm. New England winters never seemed truly cold to me, just long.

Every October in the state we lived in back in the late 70's, they would have a major news blitz where they educated the public about medicines we all keep in our homes. The local pharmacies, hospitals, doctors, and Poison Control Centers all worked together on this project. Their goals were to educate, cut down accidental poisonings and drug poisonings. They also worked with the state on proper disposal of medications that were expired and out of date.

I have never seen anything like the program we had up north here in OKC. I wondered why not so started to do some research on the matter. Everyone I spoke to thought it was a great idea but couldn't answer my question on proper disposal of medications. I was told about a Brown Bag day held during National Pharmacy Week but it is not the same as what we had up north. No one had the date on this event for me or much information on it for this year. The state

of Oklahoma only has laws covering disposal of medications used to treat cancer, plus a few others. There is a law about a pharmacy can not resale medication already prescribed to another person and that has been returned to them. One person said it was unlawful to take unused medication back to the pharmacy you got it from and request that they dispose of it properly. To play it safe if you have questions, call your pharmacy and ask what to do with out of date medications. I know it is unlawful too for anyone to use medication prescribed for another person, family member or not, it's against the law. For the average person, there are no set rules on getting rid of expired medication, over the counter or prescription unless they were cancer treating drugs.



So why did I go through all the trouble to find the answers to my questions? The program up north that changed my way viewing medications I wanted to share with you. There is the fact that medications over time change their chemical make-up and can actually become harmful if taken. Some lose their strength over time and will no longer be effective if taken. New medications are being put on the shelves every day too and can have reactions with something you may already be taking. This topic is too large to cover completely in this column but I did want to introduce you to this idea of regularly checking the medicines in your home. I just wanted to be able to give you the proper information before writing this article. So with very limited

information supplied by the state of Oklahoma, here it goes anyway...

The program up north was "project fall cleaning!" Most people clean house in the fall getting ready for the holidays. They had found one area most of us forget about and that is the medicine cabinet. The second weekend was clean out the medicine cabinet weekend and the really neat thing was it only took a few minutes of your time. The media gave phone numbers to call, places to pick up booklets with more information plus where to pick up your bag for medicine disposal. They even supplied additional information on making your home a safer place to live and prevent some common accidents that happen in the home.

All prescription and non-prescription medications were the target. The general rule of thumb for prescription drugs was if they carried a date past 6 months they were questionable. Some drugs have a short shelf life and after a certain date are unsafe to take. Over the counter medications almost all now carry an expiration date and again are not safe to take after the date stated on the packaging.

After you had collected the out of date and expired medication, you would bag it up and take it to one of the many locations involved in this project. If you were getting rid of cold medicine, it was a time to replace it before cold season hit. It was a good idea to restock your medicine cabinet with things such as Band-Aids, alcohol, disinfectants and stuff for burns.

What this yearly project did was cut down on accidental poisonings, trips to the ER rooms, and panic calls to Poison Control Centers. For the average person, it gave you the security of knowing your medicine cabinet was ready for another year. It also made you more aware of the many things in your life you had some control over and could prevent.

Isn't it funny how we all clean out our refrigerators and pantrys regularly and don't think about the medicine cabinet? I read the expiration dates on the food I purchase at the store and I wonder how

many other people do the same. Recently, even meat has been given a shelf life of a few days before it can not be sold, yet how many of us actually check the expiration date on a bottle of aspirin before we pop two of them in our mouth. Think about it for a second. Shouldn't we be as careful with the safety of our medications as we are on the safety of what we eat?

So, set aside a time to go through your medicine cabinet and see what needs to be disposed of and replaced. I would suggest you bag it up and call your pharmacy and ask if you can flush, or trash each item. A few prescription medications do have a longer self life of 6 months so play it safe by asking before you chuck. Keep an eye out on when the state hosts "Brown Bag Day" in Oklahoma at the pharmacy in October too. When I first heard brown bag day I thought of a sack lunch but they mean sacking your medications and having them checked by your pharmacist. I was given little information on this so who knows if it will even happen or not but just in case, look for it.

Leave it to me to find a project for you without a clear cut solution. But the idea is solid and is a good habit to get into. Education and knowledge is something we should never stop seeking. If a few minutes set aside to clean out a medicine cabinet saves you from headaches later, isn't worth it?

Yes, I got on my soapbox this month again. I'll give it a rest for the next two months...but I need your help...

HELP!!! NEEDED THOSE FAVORITE HOLIDAY RECIPES TO SHARE WITH THE REST OF US ! ALL TYPES WELCOMED, SKINNY, FATTENING, SWEETS BOTH WITH SUGAR AND FOR THOSE THAT CAN NOT HAVE SUGAR AND STORIES TO GO WITH THEM IF YOU HAVE THEM. For the next two months this column will be set aside for recipes from the ham community to share with other.

Until next month, share a smile and a kind word with one another.

Computer Illiteracy?

This article was sent in off the internet. It is meant as a comical look at computers and what we do with them.

So you think someone you know is computer - illiterate? Check out the following excerpts from a Wall Street Journal article by Jim Carlton—

Compaq is considering changing the command "Press Any Key" to "Press Return Key" because of a flood of calls asking where the "Any" key is.

AST technical support had a caller complaining that her mouse was hard to control with the dust cover on. The cover turned out to be the plastic bag the mouse was packaged in.



Another Compaq technician received a call from a man complaining that the system wouldn't read word processing files from his old diskettes. After troubleshooting for magnets and heat failed to diagnose the problem, it was found that the customer labeled the diskettes then rolled them into a typewriter to type the labels.

Another AST customer was asked to send a copy of her defective diskettes. A few days later a letter arrived from the customer along with Xeroxed copies of the floppies.

A Dell technician advised his customer to put his troubled floppy back in the drive and close the door. The customer asked the tech to hold on, and was heard putting the phone down, getting up and crossing the room to close the door to his room.

Another Dell customer called to say he couldn't get his computer to fax anything. After 40 minutes of troubleshooting, the technician discovered the man was trying to fax a piece of paper by holding it in front of the monitor screen and hitting the "send" key.

Another Dell customer needed help setting up a new program, so a Dell tech suggested he go to the local Egghead. "Yeah, I got me a couple of friends," the customer replied. When told Egghead was a software store, the man said, "Oh, I thought you meant to find me a couple of geeks."

Yet another Dell customer called to complain that his keyboard no longer worked. He had cleaned it by filling up his tub with soap and water and soaking the keyboard for a day, then removing all the keys and washing them individually.

A Dell technician received a call from a customer who was enraged because his computer had told him he was "bad and invalid". The tech explained that the computer's "bad command" and "invalid" responses shouldn't be taken personally.

An exasperated caller to Dell Computer Tech Support couldn't get her new Dell Computer to turn on. After ensuring the computer was plugged in, the technician asked her what happened when she pushed the power button. Her response, "I pushed on this foot pedal and nothing happens." The "foot pedal" turned out to be the computer's mouse.

Another customer called Compaq tech support to say her brand new computer wouldn't work. She said she unpacked the unit, plugged it in, and sat there for twenty minutes waiting for something to happen. When asked what happened when she pressed the power switch, she asked "What power switch?"



Edmond Amateur Radio Society

An ARRL Special Service Club

A member of the OK DX Association

October 1996

Nice sounding month I guess! Fall is a festive time which includes the State Fair, Football and many fun outdoor activities. We hope your Fall, thus far, has been enjoyable with some good family gatherings over a tailgate, char grill or a bowl of Chile while consuming your favorite beverage. How about those beautiful Monarch butterflies whose presence amongst us has sure been a beautiful sight. Have you ever seen such abundance of the Monarchs? Only fitting that butterflies should appear so prevalently during the season of those weird ugly webworms. Gosh if we could just figure out a way to hook up a couple of KW to those webswell enough of these mutterings. Let us take a look at EARS activities

Health and Welfare

In the past few weeks two of our club members, A. C., KA5WGV, and Clarence, KB5RR, have had successful by-pass surgery. Despite the significant trauma associated with these procedures, both are home and seem to be recuperating nicely. Since their surgery, both have checked into the Monday Night Net and sounded strong. We are thankful for the outcome and look forward to return of both to full-duty. Fellows this puny list membership has a limited tenure. Thanks to Clara, KG5UG, for getting "get-well" cards signed by club members and delivering same to Ace and Clarence. Just another example of the special nature of the EARS family.

Board Meeting

The September session was held on the 4th at Curby's Barbecue, not really, it was held at the club station. Just wanted to see if you were paying attention. The pre-meeting dinner was held at Curby's with a near-quorum present. All Board members were in their chairs with the following guests present: Judy, KC5SMI, Phillip, KC5SMG, Clarence, KB5RR, L. H. Mize, and Earnest, K5YKD. Items discussed included: vest purchases, siren repair in process, training of club members on proper repeater use, parental approval for minors joining the club, and requiring copy of FCC license at time of club application submission. Also, the Board approved: October 19th cookout at Hafer Park in Edmond, Fall Licensing Class schedule, purchase of hard hats and payment to the OKC Autopatch Club for meal expenses associated with Field Day 1996.

Club Meeting

On Sunday the 15th, the EARS business meeting was held at St. John's. The meeting room had an interesting layout in that it was on two levels. Club officers were seated at the west side of the room facing the club members but on the lower level of the room. Given the design of the room, it was the only configuration possible, but presented a different dynamic to the meeting. Topics covered included July meeting minutes, treasurer's report, scholarship recipient (Stephen Berkowitz), UCO Parade, Classics on Broadway, and the CROP walk. As a part of club station activity, Dee mentioned pending (still) cross-arm installation on the tower. Other items covered were need for members to help with officer nominations and financial book review. Ken, N5TWC, of the technical committee has requested those with questions about repeater operation and autopatch use to please contact him for assistance. It was nice to see the 25 members in attendance including the bearded one (Sam, KV5X) for the 44 minute meeting.

Licensing Class

The 1996 version began on September 8th, and has now completed several sessions. Approximately 32 students have signed up with the schedule showing the Novice test set for October 21st and the Technician exam set for December 16th. Frank, AA5GI, is working with the students on the CW with the following six instructors presenting the theory: Jay, KB5VDH; Jim, KC5MJS; Joel, KB5FCF; Brad, AC5CQ; Dee, WD5FHR; Ron, KC5QCV. The club station is being staffed by each instructor on Thursday nights during their respective week of instruction. This should provide the students with a chance to further discuss some Amateur Radio theory while giving them on-the-air experience. Early on this has been a successful activity.

Guest Columnists'

In this space we have been bringing other folk to write a bit about Amateur Radio. This month Judy Johnson, KC5SMI, pens an article for us with the title:

The Way of All Hams is Up. "When Rick (N5KLM) announced last fall that classes were going to begin for anyone who had aspirations to acquire a Tech Plus ham operator's license, I pricked my ears (pun intended). The thought had occurred to me intermittently throughout the years that I would like to be a ham operator, and here was the opportunity almost at my door. I was retired, and looking for something to do, so why not?

My guide dog, Hickory, and I began to attend class, and there was an air of excitement and noisy laughter about the place. My idea of taking the class and becoming a ham radio operator was first for the public service for which they were noted, because I think that is what life is all about. However, since my whole life has been well seasoned with a sense of humor, one couldn't go wrong when fun and laughter were interspersed with the public service aspect of this hobby. Voices and names soon began to come together for me, and Hickory wagged her tail at everybody, so it soon became a pleasure to come to class.

There were a few people who stood out, because they were very helpful to me. One of my classmates came over to my house many afternoons, and asked me questions, and gave me explanations of the reasons for the answers. Another lady with whom I became acquainted transcribed some of the material into Braille for me, so that it would be easier for me to understand. I have been such an avid reader on my own all my life that it is extremely difficult for me to listen to text on tape -- especially when the tapes are not of very good quality.

Now that I have my Tech Plus license and a couple of two meter radios, for which some of my ham friends are responsible, I have been having a lot of fun, and have been strengthening the friendships that I have made in the Amateur Radio community. Public service will always come first if there is a way that I can participate in that, but I would like to give back something of kindness and camaraderie that I have received from this community, and if it is a word of encouragement and a friendly sense of humor, so be it."

73. KC5SMI & KC5HIC, Judy and the Hickster.

New Members

The following crew are our newest members:

Philip-KC5SMG
Carl-KC5RTM
Brad-AC5CQ

Welcome to EARS -Your support is appreciated. Be sure and show your appreciation to these new club members at your earliest opportunity. KG5UG, Clara, brought this information to your attention. New and not so new club members be sure and call on club officers as listed on page 2 of this publication with your questions about EARS activities.

October Birthdays

Happy Birthday to the below named:

Oct 1 - J. D. Keeling- KF5TM
Oct 2 - Patricia Kuper- Call Pending
Oct 7 - Linda Miller- N1LPN

Oct 9 - Clifford Jim- KC5SFH
Oct 16 - Jana Thomason-N5KMJ
Oct 16 - J.B. Bogner-K0JF
Oct 18 - James Dawson-WA5PHJ
Oct 20 - Kyle Granger-KB5KIU
Oct 21 - Kathleen Stearns-KB5KIJ
Oct 25 - Dec Mize- WD5FHR
Oct 28 - Ken Stepp-N5DBM
Oct 31 - Steven Cornman Sr., - KB5CDF

Upcoming Events

Saturday morning coffee at Gambill's Country Kitchen, 2826 East 2nd in Edmond- about 9:00 am give or take

Saturday October 19th 4:00 p. m. Club Picnic at Hafer Park Details on the EARS Information Net

Wednesday, Nov 6th Board Meeting 7:00 p. m., contact a club officer for location

Club Station (KC5ORP) Open:
Thursday evenings with N5OHL
Monday evening Oct 21 with WB5SYT

73 de John, WB5SYT



Radio Shack DSP40

by Jim Speck, KK5BX

It's a little late for this product review (it's been discontinued and discounted at RS to \$27.99, if you can find it) but it may be useful to someone.

The 21-543 DSP40 is a digital signal processor packaged with a speaker amp and speaker. It uses speaker level output from your rig, with a level indicator light to help set the input level to three v. peak-to-peak

audio. When the DSP switch is off, it is a speaker amplifier with internal speaker, rated 6 watts. It also has an external speaker jack and front panel headphone jack. When the DSP is selected, there are three modes and three associated audio bandwidths available. The modes are CW, SSB, and NR (noise reduction).

The most useful mode for me is CW. I am using an ICOM 735 without the sharp IF CW filter (using the SSB 2.7 Mhz bandpass). The DSP wide (269-1231), medium (469-1031 Hz), and narrow (597-903 Hz) bandwidths act much like a sharp IF filter, plus there is a reduction in background noise as well. Last night I heard a signal just above the noise level on 21030 kHz, not copyable even with headphones. On the DSP narrow position, it was easily read, and so I worked LU3 on the dipole. Very much enthused, I proceeded to try it on SSB.

On the SSB mode, the DSP immediately kills all heterodynes, which is wonderful. The sharp filter is 800-2000 kHz bandpass, and can get rid of lots of alligators. Medium filter is 500-2600 kHz, a more natural frequency range, and the Wide position is 300-3000 kHz, about the IF filter range. On NR, the noise reduction is rated at 20 db. I haven't had time to test this on AM or FM reception. It might be useful in mobile service.

The unit takes 12 volt dc external power, 1 amp. max. (not supplied). The first problem I had with the unit was RF pickup in the amplifier from the IC735 transmitter. It was rectified and overloaded the little amplifier on voice peaks. Disconnecting the external speaker and audio input leads didn't make any difference, so it may have been getting in the DC supply lead. To make a quick fix, I used a 12 v. relay, keyed by the "send" jack on the back panel of the IC735 to kill the DC to the DSP when transmitting. This worked swell on SSB but I had to unplug the "send" cable when on CW, so I could hear sidetone through the speaker.

This is a cheap way to try DSP, and even with the pre-programmed setup limiting the choices, it demonstrates a full featured DSP is probably in my future. If you can find one of these, try it.

Altus Area Amateur Radio Association

Due to business I was called out of town and missed the Monthly meeting this time. Most of our meeting focused on plans for the Hamfest. Unfortunately, this month I didn't get any notes even on a WalMart receipt. I did however make the Hamfest. Here's what I saw.

By all accounts the Altus Area Amateur Radio Association has done it again. This years Hamfest was another resounding success. This was all in spite of the US Postal Systems stellar performance. By our calculations they were able to deliver about ten percent of the flyers we so naively trusted them with. I understand that bulk rate means, "we will deliver them when we get around to it." Our apologies to those who never received their flyers.

The day was punctuated with many door prizes. The grand prizes went to Ed, KC5IVY and Mart, KC5NAX, congratulations. Many thanks to all the businesses who supported us through the donation of all the prizes given out throughout the day.

One of the new additions this year was the sale of home-made J-Pole antennas. Jerry, WB5MMM volunteered his time and expertise to build 20 antennas. They sold better than hot cakes on a Sunday morning buffet. Now he has to fill an order for the club members.

The auction was a lot of fun and several items were auctioned off by Mike, W5VXU. Rumor is he was finally able to appease his wife and get rid of that "stuff" that's inhabited the corners of their home for several years.

We understand someone in the club became an official repeater owner. That's great, we may have a new pigeon, since we've unraveled the mystery of the peanut butter gig. By the way, as agreed last month I won't bother to tell you the story

behind that. The imagination makes the story much better.

Other activities included the test session. The session was run by Jerry, WB5MMM, James, AB5FS, and George, AA1IJ. My apologies to the fourth VE who helped with the VE testing. George remembered to give me his name and I already forgot who it was. But, thanks again just the same! Vendors were there selling everything from connectors to computers. Eddies Old Time Cafe catered for lunch and the HAM Band was on hand supplying musical entertainment.

Noticeably missing were James, N5VUR and Valle, KC5NAX. We all missed them and our prayers and best wishes are with them as she recovers in Oklahoma City.

Oh yes, I almost forgot, Dotty KC5EEO and What's his name (Ralph) KB5CNB both were on hand to "eyeball QSO" with several people.

Here's to everyone having a good month. With the weather cooling down we can go outside and enjoy it. 73!

Jamboree-On-The-Air

Want to help with the Jamboree On The Air (JOTA) '96? On October 19th and 20th, Scouts across the world will be contacting other Scouts with the help of Amateur Radio volunteers. Check out the October QST, page 49, to learn more about this annual event.

The Choctaw Amateur Radio Club, along with Scouts and Scouters from the Big Tee District BSA, will set up a special event station at the Eastminster Presbyterian Church, 1801 S. Sooner Rd., in Del City. On Saturday the 19th, we will set up the station

between 8:00 and 10:00 a.m. "On-Air" operations will run from 10:00 a.m. until about dusk. On Sunday the 20th, operations will be from 1:00 p.m. until 5 p.m. The bonus this year is that we have been authorized to use the Boy Scout callsign - K2BSA/5.

Everyone is welcome. I need your help to ensure this will be a memorable event for the Scouts in our area. As the CARC coordinator, I need operators for HF, packet and 2-meter stations. We will be using the 147-09+ repeater for FM voice and 145.69 for packet. Bring a HT, and maybe we can do some 2-meter simplex too. I would like to have several people, other than operators, to be available to answer questions the Scouts may have. If you would like to help but for one reason or another you are unable to travel to Del City, you can still help. I need operators that the Scouts can talk to. What a deal, help by staying home and talking on the radio!

If you are interested, please let me know, and I will put you on the schedule. I may be reached after 5:00 p.m. at 390-2231 (home phone). You may leave a packet message on Texnet PMS or my packet mailbox KC5EZZ-1. You may also call Bill Crossland, N9SQV, CARC President during the day at 390-1514 or his packet mailbox SQVBOX.

If you are not sure about your schedule but do find yourself with some free time and are in the Del City area on the 3rd weekend in October, by all means please stop by and say hello.

Thanks and 73 de Chuck/KC5EZZ

1631 SE 15th

677-9001

Skyline Restaurant
"country cooking"

Bryan, Cindy, Jennifer and Jessica



Oklahoma City Autopatch Association

OCAPA Minutes September, 1996

The meeting was called to order at 7:25 PM in the parking lot. (The Salvation Army was having a meeting in our usual meeting room). The meeting was moved to the upstairs hallway. There were 29 members and two visitors present. Congratulations to new ham Mary Leath, waiting for her call sign.

Announcement: Don, KC5BRO reports Butch Kerr, N5PSK passed away last week. Sympathies expressed.

Secretary's Report: A motion was made and seconded that the minutes of the last meeting be approved as printed in the C&E. Motion carried.

Treasurer's Report: Bob, WA9FCT read the treasurer's report. A motion was made and seconded to accept the report as read. Motion carried.

K5NK Memorial: John, N5SAM expressed the desires of the club to make a contribution in memory of Chuck to the church in the form of either a tree or re-furnishing a class room or cash for the church to do as they wish.

Technical Committee: Loyd, AB5I reported on the antenna party that was held September 7th at the repeater site. The status of the antennas that were removed from the tower was discussed. A motion was made and seconded to replace the coax harnesses on two DB224 antennas. Motion carried. A motion was made and seconded to pay Elmo the money owed him for the duplexer hardware. Motion carried.

Equipment: Don, KC5BRO reports the big generator is back at his place.

CORA: Hal, KB1ZQ gave a summary of the last meeting.

New Radio License Class: Brad, KJ0W will soon begin a No-Code Technician class. Date and place to be announced.

C&E: Hal, KB1ZQ needs any announcement information to be published in the C&E at least one month in advance.

Meeting adjourned at 8:28 PM.

Respectfully Submitted,

Sam, KL7V

Antenna Party

On September 7th an antenna party was held at Channel 9 tower. Four antennas were removed from the tower for rework. None of these were in service. Some tweeking was done on the repeaters. We moved the 146.82/444.3 transmit antenna around a little to the west to try to improve the coverage out in that direction where there had been some problems. A good group turned out, 17 if I counted correctly. And some important work was accomplished. We appreciate everyone's help. Thanks to: Tom WA9AFM, Don KC5BRO, John KC5DRI, Bob WA9FCT, Mark WL7FT, Jeff WD0GTU, Gene KJ5GX, Loyd AB5I, Gary KC5MEJ (not sure if I remembered your call correctly Gary), Darrell KC5NCA, Jim N5OHL, Rick AB5ON, John N5SAM, Perry KB5TOT, Sam KL7V, Abe KC5VNU, and Brad KJ0W. 73, KL7V

ARRL QUESTIONS SUPERNET PROPOSAL AT 5 GHZ

The ARRL is questioning the need for the N Two service at 5 GHz. In comments filed with the FCC on a proposal to make available 350 MHz of spectrum at 5.15-5.35 GHz and 5.725-5.875 GHz for use by SUPERNET devices the ARRL suggested that allocating 350 MHz for the devices is excessive and premature. This, in view of other opportunities for high speed data communication.

The Supernet proposal came in response to Petitions for Rule Making from

Wireless Information Networks Forum and Apple Computer Inc. The spectrum requested includes part of the shared Amateur Radio allocation at 5.65-5.925 GHz. The proposal calls for use of unlicensed Part 15 devices would provide short-range, high-speed wireless digital information transfer. These same devices could also support new wireless local area networks and facilitate access to the Internet or other facets of the National Information Infrastructure.

But the ARRL says that the Commission's proposal for short-range Part 15 facilities is as far as the Commission can or should go with unlicensed devices. That anything designed for a longer range should be licensed.

The ARRL also cited comments by Pacific Telesis Group. Pacific Telesis says that the 350 MHz of spectrum not be committed to a service with unproven technology and untested market acceptance.

PHASE 3D LAUNCH UPDATE

Earlier this year the failure of the Ariane 5 launch vehicle put a big crimp in the launch schedule for AMSAT Phase 3D. Recently, the ESA completed their investigation of the mission and now Ariane 502, the second launch of the vehicle series, is slated for sometime in the first six months of 1997. Possibly as early as mid February.

This will be the launch that puts the largest, most complex amateur radio satellite ever built into orbit. Now the pressure is on the satellites construction crew. To finish the final assembly and testing before the assembly is shipped to South America.

This is the most ambitious space communications project that the amateur community has undertaken. Even after a successful launch the spacecraft will take possibly up to a year to obtain its optimum orbit. The last step on a long journey are now being taken down in Florida. As the launch date approaches, amateurs the world around cross their fingers and look forward to the day when they fly in spirit once again.



OKlahoma DX Association

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

President Jim Hood, WV5S, has been traveling almost continually in September and was not able to get a column together by press time.

-- TREASURER'S REPORT --

• Banquet registrations

We hope that each member can make it to our 1996 DX Banquet. You'll find the registration form in the packet sent out in mid-September. Be sure to get your registrations in to WV5S before October 31. CU there!

• Dues are due

It's October! And that means the OKDXA has entered a new year. On the down side that also means DUES are due! ha

I do hope that that you will again be a part of the OKDXA for the year 1996-97. Please check out the blue membership application in the packet you received mid-September and mail it in with your dues QUICKLY. If we do not receive your dues by the end of October we will be forced to (sadly) remove your name from the infamous OKDXA roster and (sniff!) this will be your very last issue of the C&E. Yes, it is an unbearable thought! So grab that checkbook, and send those dues in today!

• OKDXA numbers

The OKDXA has ended the 95-96 associational year with 96 members. I hope we can retain the vast majority of this total and grow even more in the coming year. Give that extra membership application to a friend!

At the time of this writing (23 Sep) we've had 37 renewals and/or new members. Thanks!

----- THE CONTEST ----- CONTINUUM by Coy Day, N5OK

The contest station building is slowing down a bit. I've put a delay on putting up the second tower because we are trying to buy some more land adjacent to our property to give me a little more distance between the towers. This will allow more flexibility in what I can put between them. Currently I'm doing some preliminary work on traveling to the Pacific for one of the CQ World Wide contests. So I'm heavily involved in preparing for that.

Operating in a contest from a foreign country is a lot of fun. Give it a try! Here are couple of hints on making sure you have everything that you need to operate when you get there. Take all your equipment and assemble it somewhere away from your normal operating position. This includes antennas that you intend to take. Load CT up on your computer, tune everything up and make sure it all works. When everything is tested and working pack it up without returning it to the ham shack and prepare it for shipping. This way, you will not be leaving an essential item at home when you go on your trip. If you are taking beams or other aluminum antennas, disassemble them as much as needed and fit them inside 4 inch PVC. Cut it the length of your longest sections, place end caps on it and mail it to your operating location. The end caps are readily available from plumbing suppliers.

We will be looking for you from Palau in October.

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

• OKDXA members ready to hit the DX trail

AH9B and V73C to CY0 - Craig Boyer and Ken Wells will eat dried rations and brave the cold N. Atlantic when they help the WA4DAN crew activate Sable Is. during this October's CQWW SSB Contest. See Craig's complete report on the OKDXA WWW site, DXpeditions section.

K5VT to XZ - OKDXA member Vince Thompson will be a part of the Myanmar and Togo operations. Here are the details of both provided by Warren, KF7AY. "The XZIN DXpedition is a go! Myanmar will be on the air again November 16th. It will also offer the XZ multiplier in CQ WW CW! Please update your link to:

<http://www.getnet.com/~kf7ay/myanmar.html>

Warren has been instrumental in the recent Ham radio demo for Myanmar officials and we appreciate this good news. Thanks Warren!

K5VT to 5V - Vince will help The Voodoo Contest group (G3SXW's gang) score big in the CQ WW CW (multi-multi) for a third year in a row! Their contest operation from Togo, 5V, is listed on a very extensive web site at:

<http://www.getnet.com/~kf7ay/5v5a.html>

The complete XZ and 5V press releases are located on the OKDXA WWW site, DXpeditions section.

• 5A1A cards mostly out

Dan W4BRE, states that Carl, N4AA (of "QRZ-DX"), has now completely caught-up with all USA requests (see exceptions below). He has now been answering requests, usually on the day they come in. Exceptions: There are several discrepancies where a station's call is not in the COMPUTER for a particular band/mode, etc. but this does not mean the station is "Not In The Log!" Approximately 38,500 contacts were entered into the computer *after* the return to Kiev from Libya, so it's understandable if a few didn't get entered. Carl should have his hands on the PAPER logs now and hopefully will be able to resolve most cases where he cannot find someone's call in the computer. The complete news release by Dan will be sent to all OPDX InterNet subscribers. (opdx)

• ZL8RI cards still being processed

Lee, ZL2AL, reports to OPDX, that they are still processing cards for ZL8RI

DXpedition. Over 6000 direct mail QSLs have been sent out to date. Lee states, "It is a hard task, but every QSO is checked on CT and verified. QSLs will not be sent for nonexistent QSOs! We ask all who worked us to please be patient. Every valid contact will be QSLed. Five of us are working hard and abusive letters by some hams do not help our frame of minds when we are burning the midnight oil. QSLs for ZL8RI are still via ZL2HU." (opdx) b)

• KH7 confusion

Lee, KH6BZF, wants to remind the Amateur community that the FCC has started issuing KH7 licenses to Hawaiian Amateurs and the calls are now appearing on the bands. The KH7 prefix used to be reserved for Kure Island, a separate DXCC country. Kure is now signified by the letter "K" as the first character in the suffix, e.g., KH7K (opdx) b)

• Future significant DX operations

3B8/Maritius - From 23 to 30 October Jon, EA2KL and Luis, EA3ELM will be active from 3B8CF's QTH. They will participate in the CQWW SSB Contest (26-27 October). QSL via home calls. (425dxn)

3B9/Rodriguez Is. - If they get the license Jon, EA2KL and Luis, EA3ELM will be active from 31 October to 5 November. QSL via home calls. (425dxn)

3C1/Equatorial Guinea - Teo, EA6BH, announced he will be active from Cogo, October 16-22nd, as 3C1DX. His suggested frequencies are: CW - 3005, 7005, 14005, 21005 and 28005 kHz; SSB - 80/40 meters unknown at this time, 14195, 21195 and 28495 kHz. He stated that he will try to be active on the WARC bands, and if he has time he will operate RTTY on 14088 kHz. QSL via EA6BH. (opdx) b)

3DA/Swaziland - From 25 to 28 October Dave, WJ2O will be active from 3DA. Dave will participate in the CQWW SSB Contest (26-27 October) with Sam, ZS6BRZ and Andre, ZS6WPX (10-160m, WARC bands excluded). (425dxn)

3V/Tunisia - Hrane, YT1AD will participate in the CQWW SSB Contest (26-27 October) from club station 3V8AA

(10-160m). Before and after the contest the 3 activity will take place in CW on WARC bands. QSL via YT1AD.

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

5N/Nigeria - The DX News Sheets report that Pete/W0AW, Mike/N9NS, Joe/K8JP and Vincent/G0LMY, will be active October 22nd to November 3rd, on CW/RTTY and satellite RS-12 and AO-13. They will also be active in the CQWW SSB Contest as 5N9N and are looking for two more operators. Contact Pete, W0AW, if you're interested. QSL via N2AU direct only. (opdx) b)

5V/Togo - The VooDoo Contest Group (AA7NO, G3SXW, G4FAM, GM3YTS, K5VT, K7GE, KC7V, N7BG, W6RGG and WB7SRW) is planning the participation in CQWW CW Contest (23-24 November) from Togo in the multi-multi category (six stations and 17 antennas will be installed!). The 5V5A call has been requested and it is possible that before the contest the operators will be active on WARC bands and on 160 m with their call signs. QSL via GM4AGL.

5X/Uganda - Gus, SM5DIC, will be active from Kampala as 5X1D until the end of October. Activity will be on CW/SSB and 80-6 meters. QSL via SM0BFJ. (opdx) b) - also - Peter, ON6TT will be active again (also on 160 and 80m) as 5X1T starting from 7 September. QSL via ON5NT. Peter will be go QRT for three months starting from 1 December to join the Heard Island DXpedition

6W/Senegal - Starting from July 96, for two years, Didier, F5OGL will be active from Dakar, Senegal. Didier plans to work on all bands from 10 to 160m on CW, SSB and RTTY. QSL via F6KEQ.

7P/Lesotho - Martin, G4FUI, is active as 7P8/G4FUI on CW/SSB. He will be there until the beginning of December. QSL via home call. (opdx) b)

8P/Barbados - From 15 to 22 November John, K4BAI will be active as 8P9HT. On

23-24 November John will participate in the CQWW CW Contest as 8P9Z. QSL via home call. (425dxn)

8Q/Maldives - From 22 to 31 October Josep, EA3BT and his wife Nuria EA3AOK will be active in SSB, RTTY and CW (WARC bands included) from Maldives respectively as 8Q7BT and 8Q7OK. They plan to participate in the CQWW DX SSB Contest. QSL via EA3BT. (425dxn)

9M6/East Malaysia - The DXNS reports Saty, JE1JKL, has a contest shack on Labuan Island where he is regularly active as 9M6NA. He plans to be active in the CQWW CW Contest 80 meters (November 23-24th). QSL to CBA. (opdx) b)

9Q/Zaire - For about one year, starting from 9 September, Fernando, EA4BB will be again QRV from Zaire (all bands SSB and CW) as 9Q5BB. QSL via EA4BB, also via the EA bureau. (425dxn)

CY0/Sable Is. - Murray, WA4DAN, plans to be active as WA4DAN/CY0 October 22-29th, which includes the CQWW SSB Contest. Other members of the team include Craig/AH9B, Ken/V73C/AH9C, Bob/KW2P, Atsi/VK2BEX and Ron/AA4VK. (opdx) b) See the complete details of this operation on the OKDXA WWW site.

D2/Angola - Alex, PA3DZN (aka WH2L, 9Q2L, TR2L, 9X5EE), expects to be active in early October from Luanda for a duration of a minimum of 6 months. He plans to use his TS-50 and R7 (10 - 40m), but a Force-12 C4 beam and a 600W amplifier will be shipped to Luanda as well. For 80 and 160 meters, he will try to install the usual wire antennas, the environment permitting. Operation will be on CW, RTTY, and SSB. QSL information "TO BE ANNOUNCED". (Please do not assume any of his previous QSL routes for other operations). The callsign "TO BE ANNOUNCED"; upon arrival, after he sorts some things out with the PTT. (opdx) b)

EK/Armenia - Victor, RV6HKB/EK will be active for about one year from Armenia on 20, 15 and 40m CW. 100 watts and a dipole. QSL via home call. (425DXN)

FG/Guadeloupe - From 23 to 29 October FG/KI6FE will be active (mainly

on low bands). He plans to participate in the CQWW SSB Contest (26-27 October) using the call FG5BG. QSL via KI6FE. (425dxn)

FR/Reunion Is. - From 6 to 12 November Jon, EA2KL and Luis, EA3ELM will be FR/. QSL via home calls. (425dxn)

FT8Z/Amsterdam Is. - Mehdi, F5PFP, is planning an expedition of about one month's duration to one of the rarest Amateur radio countries. The trip is planned between Nov 96 and Feb 97. (425DXN)

HI/Dominican Republic - Be on the lookout for Niki, DH2JD, operating /HI3 for the next three years. His activity will be mainly on the weekends at 1830z on 14272 kHz.

HP/Panama - Gunther, HP1XVH, will be using the special call sign 3E1DX, October 20-31st during the CQWW Contest. QSL via KF0UI. (opdxn)

J3/Grenada - From 19 to 31 October IV3NVN and IV3TMV will be active in CW on all bands. They plan to participate in CQWW SSB Contest with W8KKF, W9IXX, WA8LOW and WB8GEX using the call J3A. QSL via WA8YOW. (425dxn)

JD1/Ogasawara - From 16 December to 3 January Eiji, JQ1SUO will be active as /JD1. Freqs: CW - 1909-10, 3505, 7005, 10107 and 14025 kHz and SSB - 3795, 3800, 7050, 14240 and 14200 kHz. QSL via home call. He will look for USA stations between 2200 and 0000z on 14240 kHz. QSL to CBA. (425dxn & opdxn)

JY/Jordan - From 1 to 20 October Bob, WB9YXY will be active again as JY8XY. Operations will take place mainly in CW, from 10 to 80m (WARC bands excluded). QSL via home call. (425dxn)

KH8/American Samoa - From 9 to 11 October some operators of the Yamata ARC (JA1JQY, JA1KJW, JR1LVB, JA3MCA, JA8VE, JA0KNM, JD1BIK and 7L3MNH) will be AH8/. Operations will take place in SSB (3.798, 7.080, 14.197, 18.145, 21.270, 24.937 and 28.497), CW (1.910, 3.507, 7.007, 10.107, 14.007, 18.077, 21.077, 24.897 and 28.007) and via satellite. QSL via their respective home calls. (425dxn)

KP2/US Virgin Is. - The Clay County DX Association (CCDXA), located in

north Florida, will be Multi/Single entry in CQWW SSB this October from St. Croix. At present time they have five operators (KD6WW, KQ4GC, AE4FY, AB4NS and KX8N). There is room for one more!!! If you would like to go or receive more information please call, Bill KQ4GC, at 904-282-9925. (opdxn)

OX/Greenland - The International Police Radio Club (IPARC), Danish branch, will be active from Nuuk, from October 28th until November 11th. The group will be active mostly on 160-10 meters CW signing as OX3IPA. They also plan to be an entry in IPA-Contest (November 2-3rd) and they request NOT to work them in the contest unless you are a IPA member. QSL via OZ5AAH with SASE ONLY. (opdxn)

PJ2/Bonaire - From 19 to 29 October AB4JI, K4ADK, KJ4VH, KU4J, N4OKX and WA4DPU will be PJ2/. They plan to participate in the CQWW SSB Contest in the multi-single category using the call PJ9T. QSL via their respective home calls. For PJ9T QSL via AB4JI.

TL/Central Africa - TL8MS is active again. QSL via DL6NW.

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

V2/Antigua - Team Antigua is once again pleased to announce that it will be activating V26B in the upcoming CQWW SSB Contest in late October, 1996. QSL via WT3Q.

VK0/Heard Is. - Early 1997.

VK0/Macquarie Is. - Warren, VK0WH reports that "due to my greatly increased workload at present it's unlikely that I will be able to get on very much now", and, since one of the transmitters has broken, "I will have to declare QRT on CW. Amateur Radio for me was a last minute thing and my original intention was only a weekly sked with a couple of friends and not any DX - hence my not bringing in any equipment. What DX I have managed is 1200 QSOs with about 50 countries, modest compared with a Dxpediton but at least 1200 people got the country". Warren has also confirmed to Dominik, DL5EBE that a member of the next crew has an amateur radio

license (it is rumored that he is VK5GW, who should be active from Macquarie as VK0GW). (425dxn)

VK9W/Willis Is. - Until the end of 96, Graeme, VK5WG will be active as VK9WG from Willis islands. QSL via home call.

VP5/Turks & Caicos Is. - From 22 to 29 October VP5/N2VW, VP5/WA2YVA and VP5/WB2YOF will be active from VP5JM's QTH. Operations will take place mainly in CW and on WARC bands, but they plan to participate in the CQWW SSB Contest in the multi-multi category with the call VP5T. QSL via K2SB (for VP5/WB2YOF), N2VW (for VP5/N2VW and VP5T), WA2YVA (for VP5/WA2YVA). (425dxn)

VP8/Falkland Is. - Sergej, RW0LBW, is currently signing VP8CWI and is the first Russian HAM on Falklands. He started his activity in the middle of July and will be active for about 1 year. There have been no QSOs reported recently. Sergej does ask for QSLs to be sent: Box 559, Stanley, Falkland Island. (opdxn)

VU7/Andaman Is. - Jim, VK9NS, has received his Indian license (VU2JBS), valid for five years and he is now hoping to back to the Andamans this fall. The rumor mill is especially quiet concerning this operation. Stay tuned!

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

- - - MONTHLY FEATURES - - -

• Sources for DX info

Jan 96 - *The GOLIST*

Feb 96 - *QRZ DX*

Mar 96 - *The DX Bulletin*

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

May 96 - open

Jun 96 - *The DX Magazine*

Jul 96 - *The 425 DX News*

Aug 96 - open

Sep 96 - *The OPDXB*

Oct 96 - *The ARRL DX Bulletin*

The ARRL's DX Bulletin is available both on-the-air and via the Internet. It is transmitted from W1AW as per the schedule in QST Magazine.

On the Internet it can be received conveniently along with all other W1AW bulletins by subscribing to the W1AW list-server. Send an email to ...

wlaw-list-request@arrl.org

In the SUBJECT line type the word "subscribe". Put nothing in the message body.

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

Oklahoma DX Association 1996 DX Banquet

Press Release
August 22, 1996
Oklahoma City, OK

The Oklahoma DX Association announces it's 1996 DX Banquet featuring presentations by globe-trotting DXpeditioner Vince Thompson, K5VT, and Bill Kennamer, K5FUV, Manager of the ARRL's DXCC Program. Vince will present a color slide collage of his most recent operations and Bill will discuss the DXCC Program of the future.

This year's event will take place on Saturday, November 9, 1996, at the River Oaks Golf Club, located just east of Edmond, OK (2 miles east of Interstate 35 on Hefner Road, between Sooner Rd. and Air Depot Rd.). Neither OKDXA membership nor DXing expertise is a requirement for attendance! We encourage any and all to attend, enjoy the presentations, and meet our guests and members.

The doors will open at 2:00 pm with refreshments available for purchase. All OKDXA members are invited to attend a short business meeting at 3:00 pm. Dinner will be served at 5:00 pm. Door prize winners and the OKDXA Ham-of-the-Year will be announced at the dinner. The program will conclude by 9:00 pm with a coffee-hospitality continuing until ???

Plan to participate in our CW sending and copying contests! And just like typing in high school ... the fastest may not be the best'est. It will be lots of fun ... and just FOR fun!

Tickets are \$20 per attendee and are available ONLY by preregistration. Please send a check or money order, made out to the OKDXA, along with your registration to our President, Jim Hood, WV5S, at the address given below. Tickets will be returned by mail. The registration deadline is October 31, 1996.

The latest banquet details will be available on the OKDXA world-wide-web site at ...

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

Flyers with registration instructions will be included in a membership packet that will be mailed out this month. The cutoff date for registration is October 31, 1996.

• Remember the Associate membership level

Remember that the OKDXA makes it possible to recognize our teenage and younger hams as Associate members ... and it is FREE! Associate members must be 18 years old or younger. They do not have voting or newsletter privileges, but hey, look at the great bunch of folks they can associate with! ha If you have young Hams in the house (the radio kind! ha) drop me a note and I'll sign'em up as Associate members in the OKDXA.

• New call sign

OKDXA member Richard Kukuk, formerly KG5GD, is sporting a new call sign: K5KGO.

• Welcome new members!

E. Glenn Wolf, Jr. AB5RQ
3002 Northridge Rd.
Pine Bluff, AR 71602-8902
501.247.5580
gwolf@seark.net

Jay Bromley, KA5DGH
9505 Bryn Mawr Circle
Fort Smith, AR 72908-9276
501.648.9138

Linda Miller, N1LPN
4216 Spiva Drive
Del City, OK 73115-4424
405.672.7735
n1lpn@aol.com

Mike Miller, N1XSF
4216 Spiva Drive
Del City, OK 73115-4424
405.672.7735

Judy Macdonald, KA5BJS
5120 SE 49th St.
Oklahoma City, OK 73135-4116
405.672.4947

• Membership packet was mailed

In mid-September a packet was be mailed to every OKDXA member. It contained all this "neat stuff" ...

- Banquet registration forms
- Cover letter from WV5S (suitable for framing of course! ha)
- Membership apps (2)
- Membership roster (2)
- OKDXA Constitution/Bylaws
- Shirt order form
- Treasurer's report

Use one of the membership apps to renew your own membership and give the other to a friend. Make some copies of the Banquet flyer and distribute them as well.

Mail your membership apps/renewals to N5OGP. Banquet registrations go to WV5S.

• Thanks for the donations

Just a word of appreciation for those who have donated extra to the OKDXA when renewing!

• OKDXA seeks incorporation

Vice President Steve Sweetko is still working with our Tulsa area "volunteer" attorney on the OKDXA incorporation. Progress is being made.

• Current Email Directory

Be sure to peruse the list and update your address books (* indicates a new address or a change).

Bargmann, Nate KA0RNY
nbargman@fullnet.net

Boyer, Craig AH9B
 ah9b@ionet.net
 Buford, Bob KD5QD
 * kd5qd@juno.com
 Burnette, Bruce NW5H
 * nw5h@worldnet.att.net
 Byard, Mark N5OGP
 n5ogp@pcok.com
 Calhoun, Charlie, Jr. KB5ZUD
 kb5zud@tulsa.com
 Case, Ken K5KC
 CaseKE@aol.com
 * Chouinard, Jerry K5YAA
 k5yaa@gnn.com
 Day, Coy N5OK
 n5ok@ionet.net
 Ewell, Mark KC5IZN
 71250.1327@compuserve.com
 Feigel, Don WD5EHU
 wd5ehu@aol.com
 * Gibson, Bob W0RJS
 w0rjs@okla.net
 Gillespie, Robert WB5KJE
 cqdx@iamerica.net
 Goodnight, Gerald KK5JH
 night@icon.net
 Hargrove, Loyd AB5I
 AB5I@prodigy.com
 Hood, Jim WV5S
 wv5s@icon.net
 Horn, Dave N5CG
 dhornosla@aol.com
 Hunt, Ross K5RH
 rhunt@vm.tulsa.cc.ok.us
 Ingram, Jay W5QVS
 74646.125@compuserve.com
 Land, Dave KD5FX
 daveland@pcok.com
 Martin, Erik AA5WQ
 aa5wq@aol.com
 Martin, Jeff K5WE
 k5we@aol.com
 Mathis, John K5CBP
 74743.3256@compuserve.com

Miller, Hal KB1ZQ
 n1lpn@aol.com
 * Miller, Linda N1LPN
 n1lpn@aol.com
 Richards, Jerry AB5SE
 ab5se@gnn.com
 Romere, David KA5OWI
 dromere@ionet.net
 ka5owi@amsat.org
 Ruggieri, Russell N6EU
 Ruggieru@ix.netcom.com
 Russell, Dick KJ5VV
 kj5vv@aol.com
 Sikes, Clif AB5UA
 csikes@brightok.net
 Smith, Frank AH0W
 ah0w@primenet.com
 Sweetko, Steve AA4BG
 sweetko@busprod.com
 Thomason, John
 wb5syt@ionet.net
 Thompson, Vince K5VT
 vince@getnet.com
 Vandagriff, Tim WA5YOM
 wa5yom@wb5cqu.ampr.org
 *Vidmar, Richard K9KK
 k9kk@ionet.net
 Warren, Troy KE5K
 ke5k@aol.com
 Wolf, Glenn AB5RQ
 gwolf@seark.net

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

• Kudos column

Congratulations to OKDXA member Merle Eichenfeld, W5IER, of Sand Springs. Merle writes on his OKDXA renewal, "Finally, after 57 years, got my DXCC, dated June 11, 1996." Our hearty

congratulations Merle!!!

----- MISCELLANY -----

• Kenwood FTP site

Kenwood Communications Corp. announces the addition of an extensive FTP site that contains many Kenwood Service Bulletins and Application Notes dating back to 1975. The FTP site can be visited directly at

<ftp://ftp.kenwood.net>

or via the Kenwood WWW site at

<http://www.kenwood.net>

• New Internet reflector dedicated to propagation

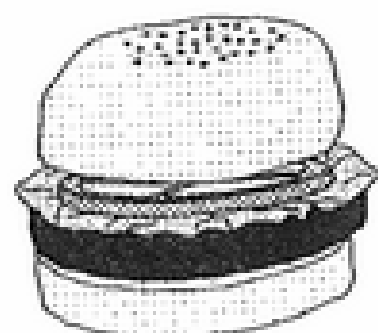
As if you were not already overloaded with information here is a new reflector dedicated to propagation. Subscribe to the PROP list by sending an email to ...

prop-request@digimark.com

In the body of message type "subscribe prop". Of course do not include the quotation marks.

----- The End -----

73 de N5OGP sk



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Choctaw Amateur Radio Club

ANNOUNCEMENTS

CARC and Big Teepee District Boy Scouts will be operating special event station K2BSA/5 on 19 & 20 October for the annual Jamboree-On-The-Air (JOTA). Please read the related article published elsewhere in this issue of the C&E.

The next meeting will be held 21 October at the Eastern Oklahoma County Vo-Tech.

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

MINUTES

16 September, 1996

The meeting was called to order at 1904 at the Vo-Tech with Bill, N9SQV, presiding and 14 members present. Introductions followed. Welcome was extended to our visitor: Ron Earnest, WB9DAF.

REPORTS:

August Minutes: The minutes for the meeting held 19 August, 1996 were approved as published in the C&E.

Treasury: The treasurer's report was approved as read by Bill, KC5ICR.

He also reported that the September swapmeet was a success. Thanks to all who helped out and participated.

Texnet: The Texnet Cluster report was given by John, K5CBP. Everything has been operating normally with no outages for the past month.

YL Net: Report given by Kay, KB5VJR. She was happy the net went well during her absence and thanked Marie, KC5HKB for her help. She also pointed out the very nice article about the net in the C&E by Linda, N1LPN.

History: Report given by Kay, KB5VJR. The only gap now is from Jan. 82 through Jan. 87. So any assistance in this area will be very much appreciated. Several members have contributed information, and she thanked them all, especially Larry, K5VVD.

OLD BUSINESS:

Repeater Upgrade: This project is currently stalled since everyone is too busy to work on it. We need to find the original specs for the current controller. There was some discussion about the purchase of a new controller.

J.O.T.A.: Chuck, KC5EZZ reported that he has still not heard from any of the Scout representatives as to whether or not they are going to have the event this year. Larry, KB5ENP said he'd try to call some other people in the District. It was moved, seconded, and passed that CARC will not operate the special event station for JOTA if no word has been received within the next week. This would allow Chuck to return the K2BSA/5 callsign to BSA headquarters for reissue to someone else. Chuck also passed out sign-up sheets for volunteers to help set-up, provide equipment, and/or operate the JOTA station if we have one. He will also write an article about JOTA for the next issue of the C&E.

Logging Software: It was noted that Duane, KA5WRG will probably order a current version of CT.

Antenna Masts: This item is still being researched.

Club Callsign: On hold at this time.

ARRL Affiliation: Larry, KB5ENP presented the material he received from ARRL. A motion was made, seconded, and passed to apply for ARRL Club Affiliation.

NEW BUSINESS:

Liability Insurance: John, K5CBP suggested we check into the cost of liability insurance for the club through ARRL. This would more than likely be a "group" rate. He provided Bill, KC5ICR with phone and address information. Bill will check this out before the next meeting.

Swap Meet: The next CARC swap meet is scheduled for 14 December. It was noted that the posted hours are 8 - 12. It was discussed that we may want to change the start time to 8:15, since the building does not open until 8:00. This may preclude disillusionment of our regular attendants that have to wait out in the weather.

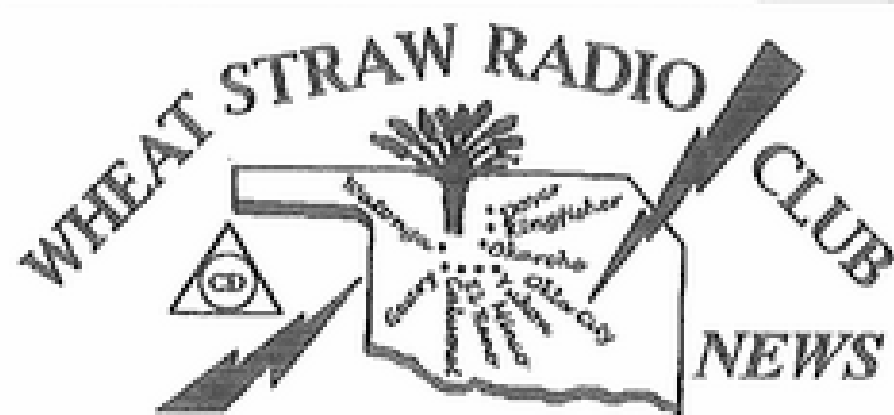
Joe Buswell, K5JB: Our club was represented at Joe's funeral by Bill, N9SQV, Marie, KC5HKB, and Larry, KB5ENP. The club received a very nice thank you note from the family. It was noted that his passing is a great loss to the Amateur Radio community. However, his contributions to packet and other facets of the hobby will live on for many years to come. Joe, we will miss you.

MISC:

John, K5CBP recommended everyone read *Correspondence* article entitled "Closed Repeaters and Threats to Our Bands" in the October QST, page 25.

There being no further business or comments, the meeting was adjourned at 2008.

73 de Larry, KB5ENP



Wheatstraw News

The Wheatstraw ARC held its' monthly meeting on Sunday, September 8, 1996 at the Catholic Parish Hall in Hennessey. Hosting the event were Father Joe Kolb, W5JEB; Loren, K5DSR; and Alice Stewart, WA5UEW; and Wanda Claunch KC5GTW. Also helping was Vera Hladik, a friend of Wanda's from Dover.

Others present included: Neal Kappus, N5KCO of El Reno, Johnny and Margaret Fish, K5GBN and WA5RLP of Calumet, Harold and Mary Wells, KA5WHJ and KA5WHI of Watonga. Also Olive Adams, N5IXN of Canton, and Tom and Bertha Johnson, N5IKN and N5ING of El Reno.

We all had a good "Gab fest" before the meeting started. The meeting was called to order by President, Johnny, and due to the absence of Secretary Joe Garland, WA5FLT, Johnny also read the minutes. We also missed our regular reporter, Ralph Wilder, WA5PFK, who had just been released from the hospital.

We were saddened by the news of the recent death of associate member Ann, wife of Leo Peil, WZ5H. Condolences to the family. A motion was made by Wanda and Father Joe. Seconded by Olive to send a donation to the Robin McMurthy Fund. Robin is the grand daughter of the Peil's and is currently undergoing treatment.

Father Joe commented on the good reception of the repeater.

We all missed Ralph, WA5PFK, our regular reporter for the C&E, who had just been released from the hospital. We all know he will recover rapidly, and be back to give a good report next month. Our prayers are with you, Ralph!!!

The meeting closed. A memorial service was held for Ann, followed by Bible Book

game. Refreshments and visiting followed.

On Monday a good representation of Hams attended the funeral of Ann Piel. It was held at the Nazarene Church of Fairview. She will sorely missed by all of us whos' lives she touched. Again condolences to the family.

Wanda Claunch KC5GTW



VHF Club NEWS

W5LOW
Elmer Goekler Memorial
Station

VHF News

Club minutes of the September 1996 meeting

Meeting was called to order at 12:02 PM by president Jackolyn, KA5ENU. There was no club Secretary present because of the recent passing of Joe Buswell, K5JB. Joe had been our club Secretary for over 20 years. A temporary secretary was nominated and approved in accordance with the club by-laws.

The club Treasurer Ellard, W5KE was unable to attend the meeting but Charlie, WA5JGU gave the treasure's report. It was accepted and approved as presented. Note was made about the expenditure of funds from the club treasury for flowers for Joes' funeral.

It was announced that a two meter transceiver belonging to the club had been loaned to the State of Oklahoma way back in time. Well, the transciever has been returned to club control, having been delivered to a club member. It appeared to have all the crystals installed, and the member volunteered to check it for operation safeguard it pending a club decision on proper disposition.

Fred, W5NL expressed thanks to the calling committee for phoning members about the meeting. An evening Wiener Roast meeting had been planned but low enthusiasm prompted changing it to a

luncheon meeting on the 21st of September.

There was a discussion about a way to properly acknowledge the many contributions to Amateur Radio, and to the local ham community by Joe Buswell, K5JB SK. Some specific suggestions were made but it appeared that it may be too soon after his passing for many members to express coherent thoughts and ideas and the many things that could be done to honor his memory. Joe always believed that you should think any project through completely before attempting it, we will follow his words of wisdom. Last month's C&E expressed the loss we all feel. For the VHF Club, he is just irreplaceable.

Meeting adjourned at 12:23 PM.

Respectively,

J.R. Dome KB5WVE

From the C&E Editor:

Joe, K5JB (sk) did such a wonderful job of typing up the minutes and articles for both of these clubs, that it will take a few months to work out the bugs of getting them together.

Joe would always bring me several pages complete and ready to print. He and I had worked out the requirements and therefore I would accept his inputs camera ready. I will surely miss his inputs and assistance in this publication.

Should either the Wheatstraw or VHF clubs need copies of their logos for anything, Joe provided me with copies of them on computer disk. All one need do is call and I will be happy to forward them to you.

Our sympathies to all who knew Joe and we know he is in a better place waiting for us to renew our friendship.

73

The Editor

Ada Amateur Radio Club

Hello to all:

The club meeting on September the 7th was great we had several members attend that had missed during the busy summer months.

The membership voted to modify the constitution and bylaws. the current requirements for us to have a quorum almost shuts doing any business down with as many members living out of town as we have, and not having enough members show up at the regular meetings. The meetings are always the first Saturday of the month.

We had a good field day this year, there were several visitors to our field day site that are interested in becoming hams and at least four of them have done just that, our congratulations to these folks. Again I would like to thank everybody for there help on setting up and tearing down the field day site.

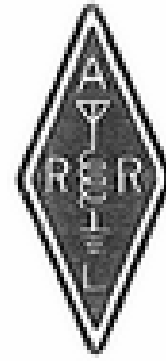
This year we have had a few losses with two silent keys. Shortly after field day BILL SIVILS (KC5DYY) had a tragic accident and passed away. Bill was a true to the spirit ham, always there to lend a hand and a great example for us all to live up to.

FRED SMITH (W5IOW) was a long time member of the A.A.R.C. and a ham for years. Fred would just look at me and when I would come up with a stupid question (which I do quite often) shake his head and proceed to set me straight, and he was always right. I will miss these friends and cherish the time we got to radio together.

73 for now de Roy, KB5STV

Nice to hear from our friends down to the south east. Hope to hear more news from the lovely city of Ada in the future.

The Editor



A. R. R. L. Bulletins

From ARRL Headquarters
Newington CT

To all radio amateurs

ARRL Bulletin 62
September 10, 1996

ARRL Petitions FCC To Change Safety Rules

The ARRL has petitioned the FCC to reconsider and reverse portions of the Commission's August 1, 1996, Report and Order that imposed RF-emission safety standards on Amateur Radio, including a 50-W threshold to trigger an RF-safety evaluation. In setting the 50-W threshold, the ARRL said, the FCC failed to consider the effect of antenna height, antenna gain, emission mode, duty cycle or operating frequency. The League asked the FCC either to scale the evaluation threshold by frequency to match the maximum permissible exposure (MPE) limits--directly corresponding to the way the regulations scale the exposure levels with frequency--or to set the evaluation threshold for all HF operation at 150 W at a distance of 10 meters from all parts of the antenna.

At or below that power level and at that distance from the radiator, "you'd be well on the side of safe, even at 100 duty cycle, with any antenna likely to be encountered on HF," said ARRL Laboratory Supervisor Ed Hare, KA1CV, our HQ staff liaison to the ARRL RF Safety Committee. "Some VHF/UHF and microwave station configurations could result in an RF exposure exceeding the requirements of the regulations, so the 50-W limit to trigger an evaluation is more appropriate above 30 MHz," said Hare. He emphasized that all stations, regardless of output power or frequency, still must abide by the specified MPE limits for RF.

The new rules, effective January 1, 1997, require licensees of amateur stations running 50 W output or more on any band to conduct a routine RF-safety evaluation to determine if the station could expose people to RF levels that exceed the MPE limits specified in the new rules. (Mobile installations using push-to-talk, regardless of power, are exempt from the environmental evaluation requirement.) In its reconsideration filing, the League called the 50-W threshold "regulatory overkill" and "without scientific basis." Among other things, the League said the means to conduct RF radiation evaluations are not yet available, and the ability to reconfigure a station that might exceed the new limits "is highly problematic." Coupled with any state and local land-use and RF-exposure regulations that might exist, application of the new rules "may constitute a de facto revocation or modification of the station license," the League said.

The League also said the FCC adopted the rules "through flawed procedures" and without advance notice and opportunity for prior comment.

The ARRL said that the new rules differentiate between ham stations and other Commission licensees "which are treated far less restrictively." While the FCC preempted state and local government regulation of personal wireless service facilities based on environmental effects of RF emissions, it refused to do the same for ham radio "without any basis for the distinction."

The ARRL already has asked the FCC to extend the deadline to change amateur examinations and modify question pools, but the Commission has yet to act on the request. The League said that, as it now stands, hams have no way to determine the scope of their obligations under the new rules.

The League suggested the FCC vacate its new RF safety rules governing amateur stations and issue a further notice to permit comment on the proposed rules, and, in particular, the 50-W evaluation threshold.

ARRL Bulletin 61

September 9, 1996

Communications emergency termination

The FCC announced today that the Volunteer Communication Emergency declaration for North Carolina was terminated as of September 9, 1200 noon Eastern Time.

ARRL Bulletin 60

September 9, 1996

Hudson director resigns

ARRL Hudson Division Director Paul Vydareny, WB2VUK, has resigned, effective September 5, 1996. In a fax to ARRL Executive Vice President David Sumner, K1ZZ, Vydareny cited job and church obligations as preventing him from doing what he considers is a proper job of fulfilling his duties as director. Under the provisions of Article 7, Vice Director Richard Sandell, WK6R, of Scarsdale, New York, becomes director for the remainder of the term, which expires January 1, 1997. Last April, ARRL President Rod Stafford, KB6ZV, appointed Sandell, 58, as vice director of the Hudson Division to fill the seat left vacant when Stephen Mendelsohn, WA2DHF, was elected first vice president and Vydareny, then Eastern New York section manager, succeeded Mendelsohn as division director.

Sandell is an ARRL life member and a past Hudson Division assistant director and Eastern New York section manager. He is president and CEO of Aura Technology Corporation. His wife, Phyllis, is KD2OG. The couple's three daughters, Alyssa, Karyn and Sylvie, also hold ham tickets.

ARRL Bulletin 59

September 6, 1996

Comm emergency termination

The FCC announced today that the Volunteer Communication Emergency declaration for South Carolina was terminated as of September 6 at 1200 noon Eastern Time.

ARRL Bulletin 58

September 5, 1996

Comm emergency declared

The FCC has issued a voluntary communications emergency declaration: All amateurs are requested to cooperate by recognizing the existence of a voluntary communications emergency in North Carolina and therefore relinquishing the use of frequency 3923 kHz plus or minus 5 kHz, for handling emergency traffic resulting from Hurricane Fran.

The FCC also issued a voluntary communications emergency declaration for South Carolina, recognizing 3993 kHz plus or minus 5 kHz for emergency traffic.

ARRL Bulletin 57

September 5, 1996

Hurricane Fran Update 1

As Hurricane Fran approached the southeastern coast of the US, South Carolina section manager Mike Epstein, KD1DS, reports activation of an ARES/RACES net on 3993.5 kHz with the state SSB net serving as backup on 3915 kHz.

In North Carolina, section manager Reed Whitten, AB4W, reports that the Tarheel

Emergency Net is convening on 3923 kHz. The amateur station at the state EOC in Raleigh also was to be staffed as of Thursday at noon.

In Georgia, SM Dot Fennell, KA4HHE, reports that the state SSB

net will meet on 3975 kHz.

In Virginia, SM Chris Wright, KD4TZN, reports that the state emergency nets Alpha and Bravo will meet on 3910 kHz and 3947 kHz, respectively.

Hurricane Watch Net manager Jerry Herman, N3BDW, reports that the net is activated on 14.325 MHz in coordination with the National Hurricane Center station, W4EHW, in Miami as the storm approaches landfall.

Joe Schmidt, W4NKJ, coordinator, reports that National Hurricane Center station W4EHW was active and accepting the meteorological data from amateurs within 300 miles of the storm center, including measured wind speed as sustained for one minute, gust speed and barometric pressure. Send information with time and origin of report to w4ehw@fiu.edu, <http://www.fiu.edu/orgs/w4ehw>, via the Hurricane Watch Net or other nets.

Amateurs are advised to monitor storm nets but to not transmit on net frequencies unless directed to do so by net control stations. Emergency traffic takes priority over health and welfare traffic. Amateurs are advised to handle health and welfare messages originating in the affected areas first. Amateurs are further advised to refrain from sending inquiries into affected areas until such time as amateurs in these areas have indicated their ability to process them.

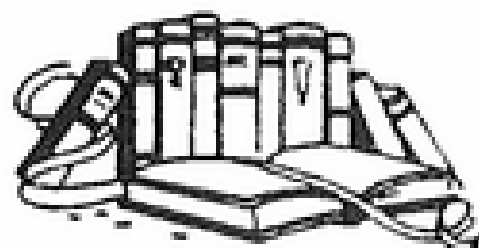
ARRL Bulletin 56

September 1, 1996

Hurricane Edouard 1

At 11 AM EDT, or 1500Z, the center of Hurricane Edouard was located near latitude 37.3 north, longitude 70.2 west or about 275 miles south of Nantucket Island, Massachusetts. A hurricane warning remains in effect from Watch Hill, Rhode Island to the Merrimack River in Massachusetts. The storm is moving toward the north near 16 mph. Hurricane conditions could reach Southeastern New England shortly after midnight.

ARRL officials in affected areas report impending activation of Skywarn, ARES



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and other nets. In Connecticut, nets will be activated on 147.09 mhz, 145.29 mhz and 145.49 mhz repeater systems this evening. In Eastern Massachusetts, nets will convene on 146.76 mhz and 146.64 mhz repeaters.

Hurricane Watch Net Manager Jerry Herman, N3BDW, reports that the net will be activated in conjunction with the activation of the National Hurricane Center Station W4EHW in Miami as the storm approaches landfall. The net will convene on 14.325 mhz.

Joe Schmidt, W4NKJ, coordinator, reports likely activation of W4EHW at the National Hurricane Center later today. The ops at W4EHW will accept the following MET data from amateurs in the storm track: measured wind speed as sustained for one minute, gust speed and barometric pressure. Send info with time and origin of report to w4ehw@fiu.edu, <http://www.fiu.edu/orgs/w4ehw>, via the Hurricane Watch Net or other nets.

Amateurs are advised to monitor storm nets but not to transmit on net frequencies unless directed to do so by net control stations.

"Pen a Note"

Pen a note to your congressional rep and let your voice, concerns, and ideas be heard! More importantly, due to recent efforts at our potential loss of 140 MHz and 440 MHz amateur privileges, WE ALL NEED TO HAVE OUR VOICE HEARD! Let Mr. Inhofe, Mr. Watts, or your respective elected representative know how it would adversely impact

emergency communications in local disaster activities, such as the April 19, 1995, bombing of the Murrah Building in Oklahoma City. It works! Although you may not see immediate results, you have informed your elected representative that you are a registered voter, that you DO, in fact, exercise those rights and that you will be watching to see if "he/she" acts on your behalf to save amateur radio privileges.

Following are some guidelines for writing your respective elected official:

The following are the names and telephone and fax numbers of Oklahoma representatives in the United States Congress:

Senator Don Nickles; fax (202) 224-6008, phone 202-224-5754

Senator James M. Inhofe; fax (202) 228-0380, phone 202-224-4721

Representative Steve Largent; fax (202) 225-9187, phone 202-225-2211

Representative Tom A. Coburn; fax (202) 225-3038, phone 202-225-2701

Representative Bill Brewster; fax (202) 225-9029, phone 202-225-4565

Representative J.C. Watts; fax (202) 225-3512, phone 202-225-6165

Representative Ernest Jim Istook; fax (202) 226-1463, phone 202-225-2132

Representative Frank Lucas; fax (202) 225-8698, phone 202-225-5565

FORMS OF ADDRESS when writing to your members of Congress:

Senate:
The Honorable _____ U.S. Senate
Washington, D.C. 20510

Dear Senator _____:

House:
The Honorable _____
U.S. House of Representatives
Washington, D.C. 20515

Dear _____ Congressman/Congresswoman _____:

Guidelines for composing your letter:

1 - Address the letter to your representative or Senator who represents you in Congress. You are his/her constituent and he/she is interested in your opinion.

2 - Immediately identify the subject you are writing about. If it concerns a bill, identify it by name and number. Limit your letter to one topic.

3 - Tell the Senator or Representative why you are advocating this position. State facts and give examples. Tell how legislation will affect you, your company or organization, group, etc. Be specific.

4 - Keep the letter polite. It should be positive and constructive. Never threaten.

5 - Repeat your reason for writing. Thank the Senator or Representative for his/her cooperation.

73 and Good DX, Dick Russell, KJ5VV

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&
Thursday 1900L
145.41 Repeater



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Amateur Radio Newsline

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EMWIN

If you're a ham involved in emergency communications, or if you're a weather buff, then the federal government is launching a new service you may not want to be without. It's called EMWIN. And it was one of the hottest new attractions at the Huntsville Hamfest August 17th. This new system brings a variety of weather information directly to your home computer, in real time.

Steven Terry, WB4IZC, isn't selling radio equipment, but his display booth is one of the busiest. Scores of hams are fascinated by what they see on a computer screen. Terry is busy answering questions about EMWIN, a new weather information network offering everything from satellite pictures of hurricanes and tornado warnings to forecasts and summaries.

"And you can manipulate them, anything you want. You can get aviation weather, river stages, national forecasts, zone forecasts. The new software is coming out in January. I believe you will get alerts down to the county level." WB4IZC

The National Weather Service wanted to make its weather products as widely available, as inexpensively as possible to anyone interested in receiving them. EMWIN is the result. EMWIN stands for Emergency Manager's Weather Information Network, the system is intended as a low cost way for emergency management agencies and other groups to receive weather information instantly and in real time.

"The weather service set off a tornado watch in Tulsa. Thirty seconds later it popped up on the screen coming off the satellite." WB4IZC

You capture the products you want in your PC. EMWIN's software even lets you create a loop of satellite pictures. You can

set alarms to sound when certain information comes in. Steven Terry says EMWIN offers obvious benefits to radio amateurs:

"One of the main uses is for hams who are out spotting for the National Weather Service. You got the radar information, the warnings, the watches. You got it right there with you." WB4IZC

EMWIN'S signals are free. You pay only a one time charge for the equipment and software needed to receive and process the signal.

You can receive EMWIN's signals directly off the government's GOES weather satellites. That means you'll have to buy the needed satellite receiving equipment, which right now can cost more than a thousand dollars. But, EMWIN's creators hope the signals can be made available in local areas on VHF or UHF frequencies, that could make the cost of receiving EMWIN only a few hundred dollars.

Andy Farnsworth, KD4YJQ, of Nashville, has been looking over the colorful screens full of satellite pictures and warnings. He likes what he sees:

"I think it's very new and very good. Especially when you can receive it out on the road is a very nice feature." KD4YJQ

EMWIN's popularity is growing rapidly. Five VHF stations already transmit the signals in Oklahoma, efforts are underway to put EMWIN transmitters on the air in Tennessee. Steven Terry is helping make EMWIN available too, using the subcarrier of Memphis radio station WYPL, which he manages.

You can get more information on EMWIN on the World Wide Web, both from companies selling the equipment and from EMWIN's home page. And you'll find an article on EMWIN in the August issue of *Monitoring Times* magazine.

NEW ARRL AUDIO-VISUAL LIBRARY PLAN

The ARRL's Educational Activities Department is changing the way its audio-visual system works. Instead of borrowing

tapes from league headquarters, affiliated clubs can now order videotapes to keep for just \$12 each. Each of the eight available videos contains 2 to 4 programs, or about two hours of programming per tape. The League says that this will permit clubs to build a video library that can be used whenever a club wants, and doing so at very little cost. In fact, the League says that the \$12 fee is its cost for duplicating, shipping, and handling.

For complete information about what is on the tapes and how to order them, send a self-addressed stamped envelope, with the notation "New A/V System," to the Educational Activities Department, the:

ARRL

225 Main Street

Newington, Connecticut 06111

TECHSAT ON THE WWW

The Techsat project - Israel's first Amateur satellite now has a site on the world wide web. Its Universal Resource Locator is:

www.technion.ac.il/~asronen/techsat

If you were not able to copy that all, there is an easier way to find the site. Simply go to one of the on-line search engines like Yahoo or Alta Vista. Type in the word Techsat and the search engine will bring it to you.

SIX METER AM RADIOS WANTED

This note to hams with old six meter AM rigs sitting in their closets and out in garages. The Southern California Six Meter Club is seeking donations of any kind of older six meter AM equipment that can be restored to functional use. The club will fix the gear and then make it available on a free loan out basis to other hams who want to try out the six meter band.

If you have an old rig like a Gonset Communicator, Clegg 99er, Solar System Six, Lafayette HE 45 or any late 50's through early 60's radio that you can donate, drop a line to the Southern California Six Meter Club. The address is

Post Office Box 10441

Fullerton, California 92838

CELL FONE FAILURE

Ham radio was there to jump in and fill the breach when cellular telephones failed to provide the promised communications for a major public event. It happened over the July 4th weekend of the Twin Cities to Chicago Bike Ride to fight AIDS.

According to Dave Deiler, KB9JKV, the event was running well using cellular telephones for all communications until the entourage reached central Wisconsin. Suddenly the cell phones would no longer work cutting the group off from one another as well as the outside world. Enter ham radio.

Late in the evening on July the 1st, a plea was heard on Madison, Wisconsin 147.150 MHz repeater for hams to bring their gear and take over where the cellular telephones had left off. Even though it was a holiday weekend enough radio amateurs were found that normal communications for the ride could be resumed.

Dave says that when the riders reached the Janesville area of southern Wisconsin that they were back in cellular telephone coverage but that the communications loss was one that the group did not want to experience again. Rather than rely on the nations cellular system, ride organizers opted to recruit ham radio communicators along the route all the way into Chicago. Cause of the cell phone failure? Not enough cell sites covering the central Wisconsin terrain.

WHITE HOUSE AND ARRL GET CB'er FINED \$6000 FOR HARASSING AZ HAMS

The Arizona Repeater Association, the ARRL's Amateur Auxiliary and the First Lady have teamed up to bring the wrath of the FCC down on a CB operator. A CBer who the FCC says spent the last four years harassing legitimate ham radio operators in Phoenix, Arizona.

Timothy H. Hoffman has been issued the Notice of Apparent Liability to Monetary Forfeiture in the amount of \$6000. This, after being charged with transmitting on the amateur bands without a valid license,

willfully and maliciously interfering with the radio communications of licensed radio amateurs and failure to allow a station inspection by FCC personnel.

The action against Hoffman comes after members of the Arizona Repeater Association working hand in hand with the ARRL's Amateur Auxiliary went the political route. According to Lance Halle, KC7FVX of the Arizona Repeater Association, for about four years Phoenix repeaters have been plagued with what he termed as vile, malicious interference. The alleged culprit would mimic legal hams, use their call sign and cause all sorts of vulgar interference. Especially with nets and phone patches.

Halle says that the CBer had several followers and that they would selectively wage war on one ham after another. This included death threats and phone harassment to blind ham perpetrated via area autopatches.

Halle tells Newsline that almost two years ago Arizona Repeater Association's Local Interference Committee located the individual, and turned him in to the FCC. At that time there was still a manned monitoring facility nearby in Douglas, Arizona. The agents running the facility had been following this interference for several years and were delighted with the information supplied by the ham radio group. They were quick to pay him a visit one evening while he was singing vulgar lyrics over a Swap Net and issue a Notice of Violation.

That stopped him for a couple of months, but soon he was back on the air. He taunted local hams telling everyone that even the FCC couldn't stop him. KC7FVX says that the Interference Committee and it's staff of Official Observers continued to DF, record, and document his activities. Since he was unlicensed they forwarded this

info to both ARRL and FCC. After about a year of no action, with the approval of the ARRL they began a letter writing campaign to congress and the President of the United States.

Enter the White House and the first lady. A few weeks ago Halle says that received a letter from the Chief of the FCC's Compliance and Information Bureau. It stated -- and we quote -- "First lady Hillary Clinton requested I answer your inquiry."

The FCC official went on to indicate she was aware of the case, but since it was under investigation, she could not divulge any information. Shortly thereafter Halle received responses from three congressmen who had also heard from the FCC. The big surprise came when the \$6000 Notice of Apparent Liability was issued to Hoffman.

Halle says that it seems the system does work, but needs a little help now and again from congress. He says that A lot has been learned from this experience, both locally and by ARRL. That the ARRL's volunteer Official Observer program and Local Interference Committees are effective in combating this type of problem although sometimes you do have to go the political route. Halle adds that none of this would have been possible without the hard work of the ARRL's Amateur Auxiliary to the FCC.

Hoffman was given the usual thirty days to respond to the Notice of Apparent Liability. At air time it is unknown if he plans to file an appeal.



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PS Form 3526, September 1995 (Reverse)

September 29 to October 31, 1996 Schedule of Events:

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

ARIZONA JAMMERS WERE SCOUTS

Two of the three people busted in Mesa, Arizona for jamming police and ham radio communications were members of the local police department Explorer Scout Post. This according to Allen Sklar, AA7BJ, who reports to us via e-mail that the story about the arrest made the front page of several newspapers in the Mesa and Phoenix area.

Newsline also spoke to the Chairman of the Arizona Repeater Association interference committee who explained how the hams and the police got together to make the bust:

"In going over my interference reports, I noticed that some had said that they heard they thought these same guys on their scanners interfering with the police department. So I called the Mesa Police Department and once we got past the initial suspicion and who are you and how

do you know about this stuff. We determined that it sounded like we had the same people causing interference on both sides. And we offered we know who they are. Would you like them? And they said yes we would like them very much."

Because of pending investigations we cannot reveal the identity of the Arizona Repeater Association representative you are hearing. He does say that the association has been advised by the Mesa police that two of the people arrested are legally minors and that all three suspects have admitted their guilt. Now all that's left is to bring them before a judge:

"When they were presented with this list of interference. They admitted that, yes that was them. They had done all those. So at this point, I believe it is just a matter of a judge determining what the fines will be. But, there are multiple felony and misdemeanor charges against all of them. I think for the minors, it will amount to a

lot of community service and probably some pretty heavy fines. And for the gentleman that is not a minor, he could see jail time."

For ham radio the sad part of the story is that all three have been identified as licensed radio amateurs, one having passed a Morse code test.

ARRL WRC CW SURVEY

Tod Olson, K0TO, the Chairman of ARRL's WRC 99 Planning Committee, needs input the ham radio community with respect to opinions and attitudes in the ham radio community regarding the future of the CW mode. Olson's committee is running a survey in the current issue of QST Magazine. Its found on pages 49 and 50 in September issue. If you want your voice heard on the no-code issue, cut it out, fill it out and mail it in, today.