

Collector & Emitter

Central Oklahoma Radio
Amateurs, Inc. Publication

July 1999
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Postmaster See Page 2
For Postal Information

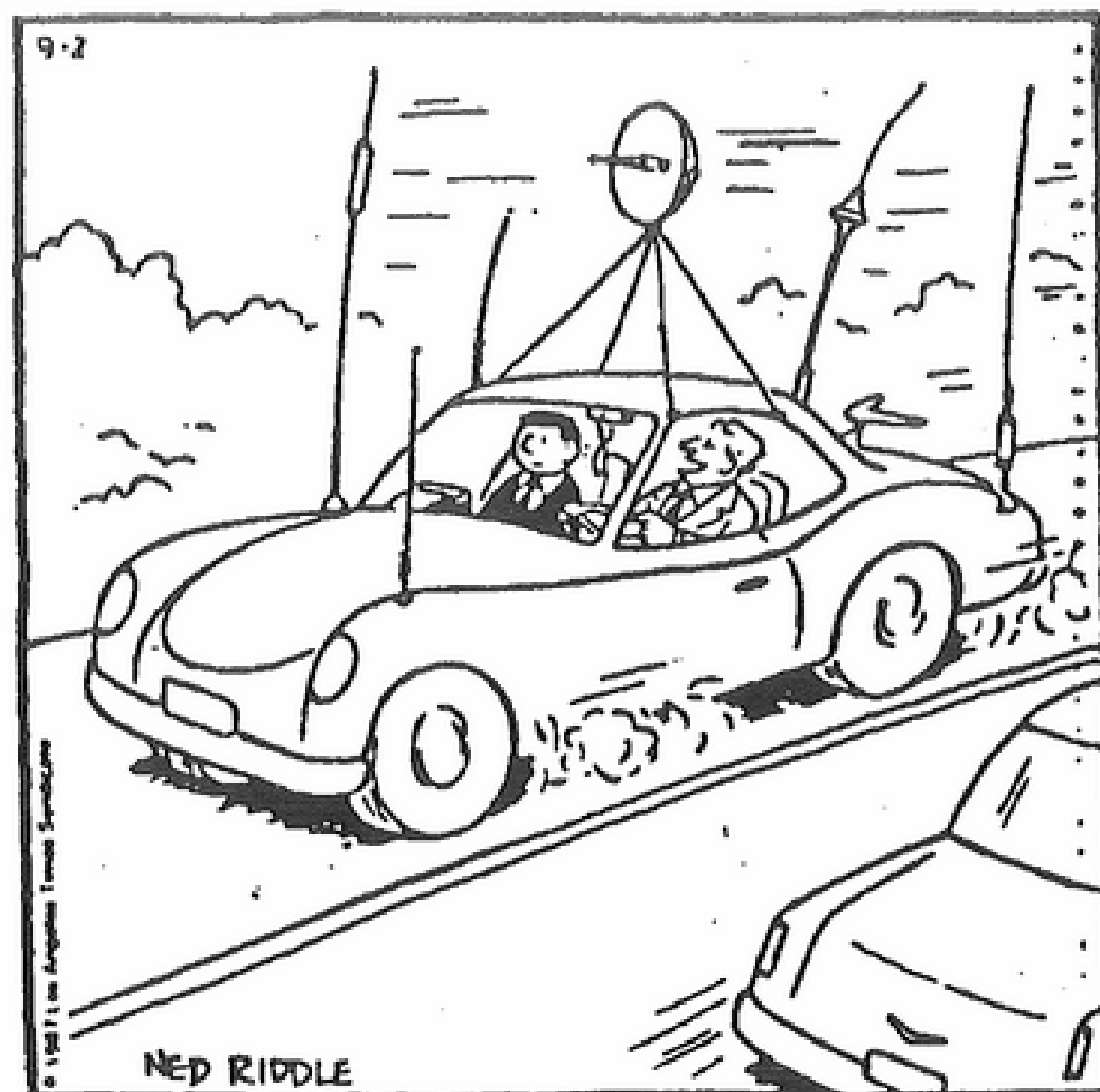
Periodical Mail

Altus Hamfest Cancelled

Next CORA Meeting July 17 @ 12:00pm
Skyline Restaurant I-35 & SE 15th OKC

New Severe Weather Channel

Proposed APRS Satellite



"There's not much going on that I don't
know about"

JA to SD on 6 meters

CEPT for US Hams

Hamfest Registration Forms

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

Dear Subscriber:

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

99/12	1	2	4	6	MZ
JOHN E. DOE, KA5ABC					
1234 SW 56th STREET					
RADIOVILLE, OK 74321-9876					

The "99/12" means the year/month C&E subscription expires.

Dear Secretary / Treasurer:

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

July 1999**VOL. 25, No 7, Issue 293****Collector and Emitter
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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 Month, Dinner, 3rd Saturday Pres.: Steve Kuper, KC5RYT 722-5789 VP: Curtis Foote, KC5GEP 359-6514 Sec: David Hartman, KC5UNO 210-5949 Treas.: Gary Carson, KD5CPL 751-0006 Editor: Curtis Foote, KC5GEP 359-6514 E-mail: ke5orp@juno.com
2. Oklahoma Central VHF ARC Meets: 1130L, 2nd Wednesday, Home Town Buffet, 3900 NW 63 rd , Oklahoma City Pres.: Bill Noland, WA5FWD 354-5018 VP: Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI 842-3055 Editor:	14. Cimmaron Amateur Radio Assn. Meets: 1930L, 1st Thursday, WX5Y Playhouse 827 S. 13th, Fairview Pres.: John Medley, N5WVU 580-227-3534 VP: Kenneth Monahan, KB5SOM 580-227-3064 Sec: Dennis Painton, WK5V 580-764-3599 Treas.: Nadine Painton, N5FMH 580-764-3599 Editor: Kenneth Monahan, KB5SOM
4. Oklahoma City Autopatch Assn. Meets: 1930L, 3rd Tuesday, Salvation Army Bldg NW 50 th and Penn, OKC (Back Door) Pres.: Glynn Massey, N5WNL 631-2731 VP: Kieth Baker, K15XA 392-5402 Sec: Forrest Rush, N5VWF 842-8486 Treas.: D. C. Macdonald, K2GKK 672-4947 E-mail: ocapa@juno.com	15. South Canadian ARS Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Dennis McCarthy, KC5EVH 447-2012 VP: Tom Miller, KD5ENL 321-7889 Sec/Tr.: Jeff Wyke, KE5EB 329-6762
6. Altus Area Amateur Radio Assn. Meets: 1900L 2nd Thursday, Southwest Area Vo-Tech Center, 711 W Tamarack Altus, OK Pres.: James Molledahl, AB5FS VP: George Mateyko, N1GM 580-266-3357 Sec: Ron Roman, KD5CYW 580-482-8446 Treas.: Fred Cramer, KC5SRJ Editor: Ron Roman, KD5CYW 580-482-8446	16. Broken Arrow ARC Meets: 1830L, 1st Monday, Broken Arrow Community Center, 1500 S. Main, Broken Arrow, OK Pres.: Wayne Hartsfield, KK5AT 918-357-2139 VP: Joe Horn, KC5VPO 918-451-0028 Sec: Jerry Pascal, KC5JKU 918-455-6514 Tr: Harlan Kinney, K9GDK 918-251-2672 E-mail: w5bbs@juno.com
7. Enid Amateur Radio Club Meets: 1900L 4th Thursday, Enid/Garfield County Public Library, Enid, OK Pres.: John Turner, KA7GLA 580-242-6802 VP: Dwayne Posey, KC5QVS 580-237-3218 Sec: Dave Chael, KC5GUD 580-242-3445 Treas.: Bill Wehling, KC5OKG 580-233-5022 Editor: Dick Stricker, N1JS 580-233-9869	17. Ada Amateur Radio Club Meets: 0900L, 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Scott Renes, KD5AJL 436-1369 VP: Charles Eiter, KC5TGA Sec: Danny Coffey, KM5LB 436-1271 Tr: Finis Hallmark, KC5YGB 384-5470
8. Choctaw Amateur Radio Club Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Dave Downing, WD5G VP: Don McDown, N5ENQ Sec: Jim Harper, Treas.: Ron Ernest, WB9DAF 769-3207 Editor:	18. Lawton Fort Sill ARC Meets: 1900L 1 st Tuesday, Great Plains Area Vo-Tech room 301, Worley Center. Pres.: Terry Oates, KB5IYB 580-492-5743 VP.: Mark Ewell, KC5IZN 580-536-2777 Sec/Tr.: Danita Haney, KC5YYU 580-549-6817 E-mail: w5ks@rli.net
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2 nd Sunday, Location Varies Pres.: Neal Kappus, N5KCO 405-262-1151 VP: Leo Piel, WZ5H 580-886-2998 Sec/Tr.: Johnny Fish, K5GBN 405-893-2227 Editor: Jimmy Payne, W5JEP 580-496-2312	19. Tri-State Amateur Radio Group Meets: 1930L, 2nd Thursday, Woodward, OK Pres.: Jay Kruckenburg, KB5SOO 580-994-2751 VP: James Hand, W5JWH 580-994-6118 Sec/Tr.: Larry Goodwin Sr. KC5NZC 580-886-3283 E-mail: W5OKT@unibuilt.com
10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Bruce Burnette, K5PX 918-455-2599 VP: Lu Fisher, K5YP 580-254-5641 VP: Jerry Chouninard, K5YAA 918-341-2659 Sec./Tr.: Mark Byard, N5OG 580-762-1966 Editor: Nelson Derks, KC5QVV 918-451-1594	Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (BackDoor) Pres.: Harold Miller, KB1ZQ 672-7735 VP: Tom Webb, WA9AFM 737-6716 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, N5PJ 354-5075 Editor: Harold Miller, KB1ZQ 672-7735 E-mail: n1lpn@swbell.net

Deadline for August, 1999 Issue of *Collector and Emitter* is Friday, July 30, 1999. Send all Articles to *Collector and Emitter*, 4216 Spiva Drive Del City, OK 73115-4424 on 3 1/2 inch floppy or e-mail to n1lpn@swbell.net. Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.

Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for June 22nd, 1999

The president of CORA, Hal Miller, KB1ZQ, opened the meeting at 7:45 PM. Five directors representing three clubs were present.

The billing of the C&E is two months in arrears. This should be corrected soon.

Secretary's Report - The secretary's report was accepted as printed in the *C&E*.

Treasurer's Report - There was no treasurer's report this month.

HH 1999

Registration.

The EARS club will be handling registration this year

Security.

The Midwest City Explorer Post will be handling daytime security again this year.

Dealers.

Most of the dealers from last year are returning this year, along with a few new ones.

Prizes.

This year every person entering HH 1999 will be given a **free ticket**. The prizes that your free ticket may win include an MFJ Antenna Analyzer, an ICOM W32A, an MFJ 10 meter SSB transceiver, an R-7000 antenna, a 35amp power supply, a Radio Shack handheld 2 meter radio, a Ringo Ranger antenna, and a Communications Pouch for your handheld radio.

Setup.

The layout of HH 1999 will be about the same as last year.

Program.

Friday, July 23rd, 1999

Noon - Flea market setup and Dealers setup opens.

3:00 PM - All vehicles must be out of the building.

5:00 PM - Dealers Area and Flea Market opens.

7:30 PM - QLF Contest Come see if you can send CW with your left foot. Win a prize!

9:00 PM - Doors are closed and building is secured.

Saturday, July 24th, 1999.

7:00 AM - Setup for registered fleamarket operators begins.

8:00 AM - Doors opens to the public.

9:30 AM - Fox hunt.

10:00 AM - Registration for VE tests opens.

10:00 AM - OKDXA meeting

11:00 AM - ARRL Forum with Jim Haynie, W5JBP, West Gulf Division Director & Charlie Calhoun, K5TTT, Oklahoma Section Manager.

Noon - ARES Forum with Bennett Basore, W5ZTN, Oklahoma Emergency Coornator and Jim Jones, K5PER, Oklahoma County Emergency Coordinator.

1:00 PM - National Severe Storms Lab, "The May 3rd Tornado".

2:00 PM - Build your own Arrow Antenna for 2meters and 70 cm.

4:00 PM - Close of Silent auction and awarding of scholarships.

5:00 PM - Doors close on HH 1999.

Next Meeting. The next meeting will be at Skyline Café at 12:00 on July 17th, 1999. This will be the last meeting before HH 1999. Hope to see everyone there

Respectfully Submitted,

Forrest Rush, N5VWF
CORA Secretary

CORA VE Testing

The June edition of VE testing was held on Monday night, June 21st at the Salvation Army site. Location is Penn Ave and Northwest Expressway. Each monthly session is held on the third Monday of each month at 6:00 PM. The evening was pleasant and was in the middle of a strong week of rain and temperatures quite different than June 1998. Results of the June session are as below:

Applicants: 2
Elements Given: 2
Elements Passed: 1
Upgrades: 0

Individual Results:

Eric Wilkinson -WA0NTX, Passed Extra Theory.

Congratulations to Eric and sure hope to see him back soon. The next session of the CORA VE session will be on Monday, July 19th at 6:00 PM. Site, as above. Thanks to the CORA VE team for their continued toil in making the session a cooperative and productive activity. Apologies for not making this column available to you the past couple of months. Hope all is mending from the May 3 trauma-know for many of you it will be a long process but realize that better days are ahead.

On behalf of the CORA VE team we hope your summer is going well and trust you will find time to enjoy the HF band openings. Thanks for allowing us to be your CORA exam crew.

73 de John-WB5SYT

From The President,

Well with the events of the last few months still lingering, we are still here. The tornado of May 3, 1999 didn't take our personal property other than two vehicles and all of my antennas and tower. It did take the normal activities out of our lives. For the past few months we have done a full remodel and repair of our home, ceiling to floors; roof to grass in the yard. Most of what is left to do is to get everything back into the house and try to resume normal operations.

The *Collector and Emitter* is still in production and the bills not mailed to clubs will be done soon. We are trying to catch up, but time is not in abundance.

Ham Holiday is progressing and we have done our best to stay in the loop. I want to thank all of those who have been attending the meetings and keeping things on track.

Our next meeting will be a little early as the 4th Tuesday is after the show, so we will meet at the Skyline Restaurant on Saturday, July 17th at noon. Please attend and help finalize the ham fest.

Hal, KB1ZQ
CORA President

Chit-Chat

By Linda, N1LPN

Planting Seeds

A Farmer plows his fields and plants seeds for another growing season. By faith, he will wait for the rain and prays the seeds he has planted will grow. He has nothing to do except wait and see if all his hard work will be fruitful and productive.

Everything he is and owns is tied to the land. It is a partnership. If the seeds do not grow, his life will become a challenge. He will somehow find a way to keep his land and way of life but it will not be easy. It is a risk he is willing to take each time he plants a new crop.

The farmer reminds me that we have more in common than you might think. Just like him, we plant seeds. The seeds we plant are of a different kind and we plant them each day of our lives. We tend to nurture those closest to our hearts but many we never see once we have planted them.

The types of seeds we plant are not ones that can be seen easily. They are seeds of hope, seeds of trust, seeds of doubt, seeds of joy, seeds of encouragement, seeds of pain, seeds of hatred, seeds of friendship and seeds of faith. I know there are many more types of seeds and I have only listed a few.

Seeds both good and bad (weeds) are planted by us without a thought to what we are doing. After all is said and done, I hope that during my lifetime I have planted many seeds and few turned into weeds. Just like the farmer, I must wait for the harvest.

Personal note:

We are once more living in our home as of 19 June 1999. We have not moved in completely but it is a work in progress. My 4 Angels are now helping us unpack and put things up.

We have 4 cats. Little One is the only one leash trained. The other three are house cats only. We had to place the three house cats in boarding at the Vets for 16 days. During their stay, they refused to eat most of the time. They are now eating and making up for lost time. For the first few days they were back home, at night we had all 4 in bed with us. It was kinda crowded

in our queen-size bed. They have all moved to other areas of the house and claimed it as their own at night; the bed isn't crowded anymore.

It is not easy attempting to piece back together our lives but no one promised us it would be. I have faith that with time; we will come out of this chapter of our lives wiser and stronger than we were before this all took place.

Many people told us to call them if we needed anything. The problem was those of us who survived were still in shock of what had happened to us and did not know where to begin. We had no idea what needed to be done so we didn't know how to ask for help.

The churches, Salvation Army, Red Cross and neighborhood watches groups came by twice a day giving us food and cold drinks. They gently encouraged us to eat and to drink plenty of water. If it had not been for them, I don't think we would have thought about eating or taking care of ourselves.

Words can not begin to express how much we appreciate all the kindness and concern that was shown to us by friends and strangers. They saw a need and filled it without being asked. Our heart felt thanks goes out to them. Without their help, we would have been lost.

In the Edmond Sun, 2 July 1999, a story was written about four young ladies I have come to call my 4 Angels. The story was front-page news with a picture of the girls helping and page 4 had a picture of my home after the tornado hit.

Until Next month...

Rochester Hamfest grows

Last weeks Rochester, New York Hamfest continues to buck the downward spiral in attendance even though it has been deserted by many manufacturers and retailers. According to convention Chairman Harold Smith, K2HC, even with fewer displays, this was a good year for the Rochester outing:

"This year was a interesting year. It was a little bit slower than other years. But that

seems to be the trend through out all the hamfests this year." Harold Smith, K2HC

"Now I noticed that there were fewer exhibitors. But the exhibitors here were saying the same thing I heard in Dayton. That is the people that did show up were spending more money than in years past." Bill Pasternak, WA6ITF

"That is very true. They did spend more money. But the point is this, because there are less exhibitors, the ones that are there were able to make more money. Simple as that." Smith

Smith says that one of the reasons for Rochester's continued success is that it is really an international ham radio event:

"We are only 60 miles from the nearest Canadian border which is Niagra Falls. And to Toronto its riding around the end of Lake Ontario. Its about 150 miles total, about a 3 hour drive." Smith

Those who attended the 1999 Rochester Hamfest from both sides of the border came away saying that it was well worth the effort to get there.

(Newsline)

Walk a mile in these shoes

A British researcher plans to walk the length of Australia. The researcher is also a ham and he will be on the air during his journey. Q-News Graham Kemp VK4BB has the story of G3RKL:

Dr Tony Whitaker, G3RKL chooses each summer to walk the bitumen in foreign climes. This year he plans to walk Highway 1 between Sydney and Brisbane between the 30th of June arriving in Brisbane about August 11th.

Tony hopes Amateurs and clubs along his route will make themselves known either on air or personally.

Don Bradfield, ZL1DAQ has also made the same walk in New Zealand and has acted as a radio base for Tony each year.

(Q-News)

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

D'X FILES

Episode Ten: Out Standing In His Field For A Day

Xander awoke early on a Saturday morning in late June... The dew was hanging heavy on the lawn and the weather forecast called for seasonably warm temperatures. There was a slight chance of thunderstorms in the late afternoon, but a quick look outside showed the makings of a fine summer day. Nothing unusual for this time of year in this part of the world, but this was a very special day... This was Field Day.

Xander checked the morning headlines while enjoying his breakfast, then went to his shack to see what kind of shape the bands were in... Tuning around 20 Meters he heard a few good, solid signals and the band seemed to be in reasonable shape. 15 was light but showed promise, and 10 would need a few more hours of daylight. Both 15 and 10 were consistently open in the evenings for the past week or so and even 6M had been showing some activity lately. This was close enough for Xander.

The Fire Ant ARC was in need of rigs and experienced HF operators as participation levels had been slow in getting started. With good weather, they were counting on last-minute turnout to make the difference for a respectable event. It was the same story every year, 10% of the club was responsible for 90% of the activity with no shortage of OM's willing to swing by late in the afternoon after the hottest part of the day had passed, just to see how the other guys were doing... The morning crowd that shows up with masts, ropes and coils of RG-213 is noticeably smaller. No Matter, everyone has their place at Field Day and Xander would be happy to bang out a few Q's for the club log...

Although Xander needs to maintain a low profile in most of his activities, Field Day is far too good an opportunity for testing new equipment to pass by. With this in mind, he began preparing several months in advance. His first priority was a rig that

offered peerless performance in a package that wouldn't arouse the suspicions of casual observers. He picked up a basket case HW-101 at a HamFest and began a complete redesign of the internals with state-of-the-art components. An older rig like the Heathkit is a natural for a stealth makeover as there is plenty of room in the case plus an outboard power supply with room for expansion. Within a few days he had designed and fabricated a custom LSI RF chipset offering superior performance and flexibility. A PCMCIA slot tucked into the rear apron allows RF personality modules to be hot-swapped as needed while a Cesium-Beam reference oscillator assures zero-drift stability. If the RF design proved successful under Field Day band crowding, he planned to add digital modes and spread spectrum options...

The surface wave techniques employed in the front end proved superior as initial breadboard testing revealed a noise floor of -168 dBm with useable sensitivity down to .033 μ v over the design range of 50 kHz to 1.8 THz... The radio is so exceptional on receive that the only way to fully appreciate its capability is by copying DX on a dummy load. Thermionic band noise is always well above the front end noise floor. A VFO resolution of .01 Hz in any mode plus a menu-driven color 'Digital Phosphor' display nestled in the dial window offered complete operating status. Unlike many rigs using the DSP processor as a filter, Xander chose a more elegant approach. A Motorola G3 inside the radio controlled the operating mode and status while a second G3 processor in the power supply was dedicated to bi-directional modulation interpolation. A conventional DSP is somewhat limited to removing extraneous noise and bandpass filtering, but his design utilizes a complete analysis of the signal using instantaneous peak and statistical trends to regenerate a near exact replica of the original modulation.

This requires significant amounts of CPU agility and intuitive control algorithms, but Xander's design effectively removes all traces of QRN, QRM and QSB. Signals pop out of a silent background as if by magic, the auto-tune SSB function mutes nearby splatter allowing only the preferred signal to be heard. Audio quality on SSB transmit and receive compare well against AM broadcast standards while the selectivity of the rig is so precise that while testing the prototype he once asked an OM to move up five... Hertz.

With less than a week to go, he began design work on a portable AC generator using hydrogen-ion displacement to power an internal turbine. This method requires no apparent fuel source as it operates on air, generates very little heat and is almost silent. A few minor bugs in the startup procedure were worked out Friday night, so all that remained for Saturday morning was to watch his favorite TV show, Bill Nye The Science Guy, and load his car.

While experienced ops unloaded piles of coax and enough electrical gear to break the rear shocks on a rusty pickup, Xander seemed oddly unburdened by comparison. A folding card table and chair, the HW-101, coax, ion generator, and a stealth version of the Broadband Ultra Linear Loaded Symbiotic Hyper Impedance Transconductor antenna (also known as a Pocket Rhombic) was all he needed. Astute readers will recall this antenna relies on passive sub-atomic amplification and is famous for packing a potent signal into a very small package. In this case, he disguised it as an inverted vee with two lengths of Phillystran... Little did anyone suspect the little box that looked like the balun was in fact the entire antenna.

Within a few minutes he was ready to go, then realized he'd made one small mistake. The design included Auto-Log, a

feature he'd programmed into the contest personality module he'd be using today. By splitting the DSP data stream ahead of the analog conversion, adding intelligent voice recognition to read the call signs and log a QSO with frequency, time and mode wasn't too difficult... The early version was weak on dupe checking and didn't include cumulative scoring in real time, but that's why he was there, to test the basic design. His mistake was in not bringing along a pad for logging. Surely it would look odd to work a contest without logging it, although it wouldn't be the first time this has happened at Field Day. Luckily, the club had a stack of log sheets to assure everything was logged correctly.

"He had been running at five watts, but with signal reports this strong a loss of 10 dB would hardly be noticeable..."

As he was picking up his log sheets, he caught a flash of red hair out of the corner of his eye... He had been so intent on setting up that he hadn't noticed Desiree Xowolski... The club had begged her to be their CW 'ringer' since no one in the hemisphere could match her finesse on the paddles. It was standard procedure to rotate the OM's logging for her in thirty minute intervals as it was quite an effort to keep up with her rapid pace.

"Hello, Doug..." she smiled "I'm glad you're here, do you think you might be able to do some logging for me?" Sure... he replied. I'm testing a rig and wouldn't mind if you could try it out. "Be glad to. Where are you at?" Xander motioned toward his setup and as they walked closer he could sense her disappointment... It didn't look like much from a distance and even less impressive when they got there.

"My, My... A Hot Water OneOhOne. You don't hear many of them on the air any more... You planning to work Marconi's ghost?" Xander smiled and advised her he'd done a few mods and she might not be too disappointed. Plug in your paddles and give it a try, it has a keyer...

As she settled into the chair he set the preferred CW tone to exactly 700 Hz. She didn't realize the rig was turned on as the speaker was dead silent. The moment the

clock reached 1:00PM, a single CW tone was clearly heard calling CQ FD. Wow... This rig really does have a quiet front end. Tuning the band, Xowolski couldn't help but notice that with very few exceptions, only one signal was heard at a time and she could easily resolve stations a mere 100 Hz apart. Her disappointment turned to delight as she realized what a mistake it was to judge this rig by its appearance...

As the other Field Day ops were working the usual assortment of 4's and 6's on 10 and 20M, Xowolski was prowling the low end of 15M in search of a quiet spot when she heard what she thought was BY1DX in Beijing... Surely her ears were playing tricks on her, but there it was again, in QSO with a JT in Mongolia, they were not playing FD. It was just a normal contact. In a case like this it's easy to assume a pair of OM's were having a little FD fun by putting people on, but normally that's done on 'phone and not in Mandarin. She could copy the calls and Q signs, but the rest of it was an alphabet soup.

Xander did his best to not interfere with the moment, as only he knew it could be a very real QSO... She twitched the paddles to bang out a quick call and a moment later a noticeable groan spread across the rest of the Field Day site. Apparently their transmit signal was strong enough to shut down the other operating positions. As she worked the BY and JT, one of the club officers strolled over to have a little chat with Xander about the problems they were having. As soon as he saw the HW-101, he made an assumption the rig was badly in need of a new set of 6146B's or at least a neutralization adjustment.

Xander assured him he'd checked out the rig beforehand and a minor adjustment on the antenna should fix the problem. It was then they heard a KHØ in the Mariana Islands QSK for Xowolski with a 30 over 9 signal report... The island op had been up most of the night waiting for the first FD signal to come through and he said it was a dandy... A minor pileup followed as V7's in the Marshall Islands jumped in to make their first contact of the day. The club officer asked if anyone else had been working Asia or the South Pacific. The blank stares were reminiscent of a herd of deer caught in headlights as a small voice

said "No, but I worked somebody in Cleveland... Does that count?"

Xander advised Xowolski she'd need to pause for a moment so he could resolve an RF problem. Her eyes narrowed as she told him this was the best DX she'd ever worked and if he did anything to mess it up, he'd have something in common with John Wayne Bobbit... Xander had heard rumors about how feisty redheads can be, but hadn't realized how true it was...

Xander rotated the faux inverted vee a few degrees for show, then reduced transmitter power to 500 milliwatts. He had been running at five watts, but with signal reports this strong a loss of 10 dB would hardly be noticeable...

Xowolski returned to the key and started working toward DXCC FD QRP. It didn't matter that she was using the club call; she knew the experience was far more significant than the paper. Besides, this would give the FD 2000 crew something to shoot for. A thousand or more contacts later she was well above 300 countries. As the afternoon shadows grew longer she realized she had to go... Xander asked if she'd like to split a hamburger with him at the FD cookout, but she really needed to call it a day... Perhaps they could get together another time.

Xander walked her to her car, then headed back to the main table to drop off his log sheets and pick up a new batch. A club member asked how it was going, and Xander replied "Not Bad" as he dropped 60+ completed log sheets on the stack...

He grabbed a quick snack, then decided to work a little 'phone as the evening turned to night. A teenager asked if he could sit with him, as he was a No-Code Tech and wondered what HF was like. "Sure, let's surf a little Ether" As Xander sliced through the DX pileups on 20 like butter, the teenager asked if it was always like this on HF. Yep, it sure was, for Xander...

The QSO is out there.

Contents Copyright 1998-1999
by Nelson Derks - KC5QVV
"Illegitimus Non Carborundum
Ipso Facto"



Oklahoma City Autopatch Association

Minutes of the OCAPA meeting for June 15, 1999.

The President of OCAPA, Glenn Massey, N5WNL, opened the meeting with introductions all around.

Secretary's Report - The secretary's report was accepted as read.

Treasurer's Report - No Treasurer's report.

Technical Committee - The Technical committee reported that improvements are being made at the antenna site. They hope to have 146.82 up shortly; in the meantime use 147.21.

Field Day - The Field Day chairman reported that we have antennas and radios for CW, Phone, Novice, and VHF.

The budget for Field Day was approved. Additional budgets for an all - purpose banner and for a canopy to shelter a station were also approved. We will have some tables, but you need to bring your own chairs. Any of your own gear (radios, tools, antennas, coax, etc.) needs to be marked.

Ham Holiday - Hal reported that Ham Holiday is on schedule.

Dealers are coming in and It's scheduled for July 24-25, 1999. Ham Holiday will open Friday from 5pm to 9pm; on Saturday it will open from 8am to 5pm.

Special Event Station - Jim Richardson reported that N5PA will be doing a Dxpedition from Mali. For more information, contact Jim, N5OHL or Allen, N5PA.

Meeting was adjourned at 9pm.

Next meeting will be on July 20, 1999, at 7:30pm

Respectfully submitted,
Forrest Rush, N5VWF
OCAPA secretary

VHF/UHF Privileges suspended

The FCC has suspended the VHF and UHF operating privileges of California radio Amateur Timmy O. Sheen, N6MZA. In a May 26th letter to Sheen, the FCC's Riley Hollingsworth said that his agency has information that Sheen had been on the WA6SEK, 145.21 MHz Northern California repeater and in Hollingsworth's words -- "broadcasting, playing music and deliberately interfering with repeater operations for several hours."

This is not Sheen's first encounter with the FCC. He had been warned back in February about similar operation on the Grizzly Peak K7IJ repeaters.

Hollingsworth says that Sheen has been in touch with him to say other stations had interfered with him and to apologize for events leading up to the more recent allegations. But says Hollingsworth, retaliation cannot be accepted as an excuse for deliberate or malicious interference or broadcasting.

Sheen was given 30 days to protest this latest enforcement action but it's not the only problem he faces. He had previously been ordered by the FCC to sit for a re-examination. He has until June 30th to appear or his license will be canceled.
(FCC)

License canceled by FCC

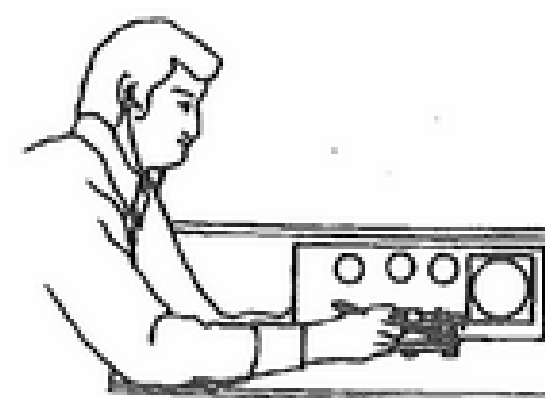
Meanwhile, the FCC has canceled the Advanced class license of Gaylord, Michigan resident Joseph C. Walker, formerly W8JCW. The FCC requested in March that Walker retake his General and Advanced class examinations under the supervision of an ARRL-VEC Volunteer Examination team by May 15. Walker failed to appear for retesting, and his license was canceled. The FCC says

that the callsign W8JCW no longer appears in its database.
(FCC)

Fines - Fines and more fines

Hams are not the only ones feeling the latest FCC enforcement sting. The agency has notified Preferred Entertainment, Inc., which is the licensee of several point-to-point microwave stations in the Chicago, Illinois, area of its Apparent Liability for Forfeiture in the amount of \$100,000. This, for apparent willful and repeated violation of the rules by operating 21 unlicensed microwave paths and two unlicensed frequencies on a licensed microwave path. The FCC alleges that the violations occurred for periods ranging from one month to twenty-one months.

The FCC has also issued Notice of Apparent Liability for Forfeiture for \$2,000 against the Upper Cumberland Regional Airport Board. The board is the licensee of Aviation Radio Service Station WRLB 2730 in Sparta, Tennessee. The fine was imposed for operating this station after its license had expired.
(FCC)



A Morse record

From the United Kingdom comes word of a remarkable Morse code achievement is set to occur very soon. This, when David Walker, G3BLS, makes his 2000th, and final, Radio Society of Great Britain slow Morse practice transmission.

David's last GB2CW transmission will be on Wednesday the 16th of June from his home in Oxfordshire. It will run from 18:00 until 18:30 UTC on 145.250MHz.

He will then change frequency to 145.275 MHz for a farewell QSO party.
(RSGB)



Choctaw Amateur Radio Club

May minutes - Choctaw Amateur radio Club monthly meeting

May 17, 1999 - 1900 hrs.
Executive Dining room
Eastern Oklahoma County Vo-tech
4601 N. Choctaw Road Choctaw, Ok 73020

Members in attendance:
Dave Downing, WD5G
Don McDown, N5ENQ
Norm Wilson, W5FLO
John Mathis, K5CBP
Bill Tarkington, KC5ICR
Tim Harper, KC5DSW
Ron Barnent, WB9DAF

Ron, WB9DAF opened the club meeting with the treasurer's report.

Field Day
Don, N5ENQ outlined the field day rules. After a review of the rules it was decided to operate at the 5-watt power level and run naturally derived power to run the gear. It was decided to operate HF CW, HF SSB, 10M NOVICE, AND 2M SSB. Anyone wishing to participate and/or loan equipment call Don.

The public park on Henny road has been reserved for our use on the 26th and 27th of June.

I offered to read the club minutes over the 147.090 club repeater the day after the club meeting between 7 or 8 P.M. I will also take check-ins and try to report these in the club minutes under On air club meeting.

Old Business:
Bill, N9SQV stated that he would file the incorporation paperwork.

The packet tower is still up and last we heard it would be ok where it is at for the

time being. We have not been contacted with any requests to remove it.

Presentations

Dave, WD5G presented an innovative way to tune your j-pole antenna. The method involved using a loop of wire instead of a shorting stub and was reported, as to being very easy to tune.

The meeting was adjourned to Braums.

This report submitted by Tim Harper, KC5DSW.

Delaware Ham passes retest

The FCC's Riley Hollingsworth, K4ZDH, says that a Delaware ham required by the FCC to retake her Amateur Extra class exam has successfully retested and is "off the hook" with the FCC. Rick Lindquist, N1RL, of the ARRL audio News has more:

The FCC requested in February that Sheila Bowden, N3QQS, of Millsboro, retake her examinations by March 19. Bowden showed up at a March 13 ARRL-VEC testing session where she retook and passed the written exam.

(Hollingsworth) "Yes, that licensee passed the exam and we are happy about that. Any time you audit a program, it's always better to have happy news than it is to have disappointing news.

The case took awhile because we went back to the doctor to get some clarifying information on the doctor's certificate. And the licensee should understand that just because they come in with a doctor's certificate exempting them from the code doesn't mean that we aren't going to discuss the matter with that doctor or go back for written clarification." he said.

Hollingsworth said, however, that he was "not in a position to recommend to the W5YI-VEC" that Sheila Bowden be allowed to administer amateur exams again, mainly due to what he called "unresolved questions" about Bowden's husband, Wayne.

Wayne Bowden has not been so lucky in his dealings with the FCC. Earlier this year, the FCC dismissed the Extra class license he formerly held, AA3RT, after the

Commission discovered "irregularities in the administration of the examination by the Volunteer Examiners."

Wayne Bowden took the complete Amateur Radio examination series at an October 4 W5YI-VEC session. He had not held an amateur license before then. An FCC probe continues into alleged testing irregularities at Pennsylvania W5YI-VEC sessions October 4 and 6, including allegations that examinees might have been coached or given test answers.

Hollingsworth said he has been unsuccessful in his efforts to contact Wayne Bowden, despite several attempts. He said that Sheila Bowden had written him a letter on her husband's behalf, but that he had needed to hear from the licensee directly.

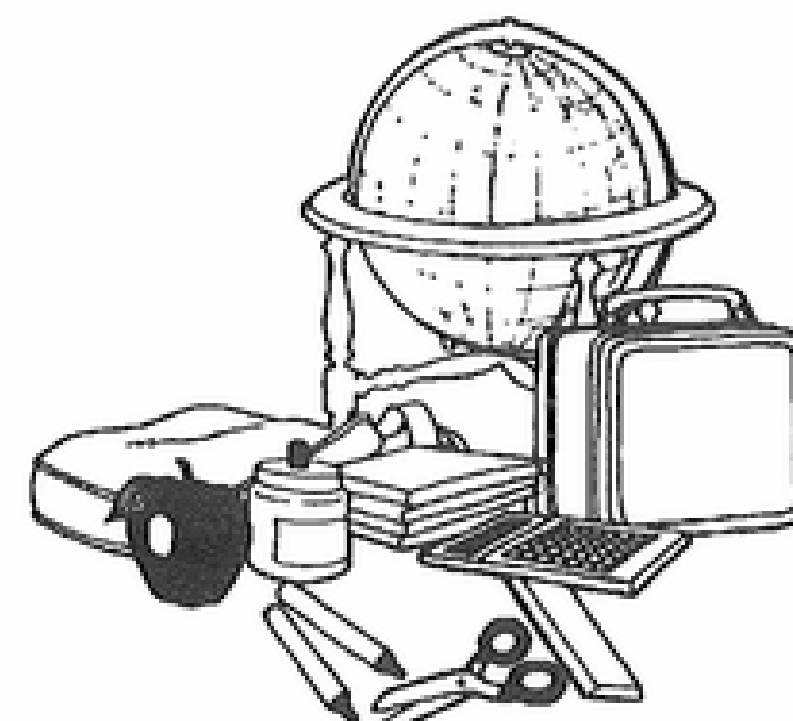
(FCC, ARRL)

More retests ordered

Meantime, the FCC has ordered John R. Hamby, WB4UZW, to submit to a retest. On May 28th, the Winston-Salem, North Carolina ham was told that he had to retake his Extra class exam on or before July 15th. He was told that his license will be canceled if he fails to appear for the re-exam.

Two Albuquerque New Mexico residents have also been told that they must retake their ham radio exams. Extra class licensees Lois E. Jeter, AC5RM, and Richard J. Barlow, AC5MY, must retake their General, Advanced, and Extra class examination under the supervision of an ARRL examination team by July 30th or have their licenses canceled.

(FCC)



ADA AMATEUR RADIO CLUB

The June meeting was put off till the 19th because of holidays and people attending the convention in Arlington Texas, the meeting was called to order at 10:20 a.m. The first order of business was Charles, KC5TGA read a letter from the Regional Commander of the Salvation Army Lt. Colonel H. Al Ward thanking the amateur radio operators for their help during the disaster in Oklahoma City. Several other amateurs also received letters thanking them for their help and even though they are not told often enough all of us here at our club are proud of them also.

It was also brought up that that the new repeater south of Fittstown should be on the air with a frequency of 146.865 and a tone of 192.8. It will also be linked to the machine at Davis on 145.230 which is part of the weather link used by the spotters network.

There was some discussion of a problem with the ok first warning system near Ardmore.

New Business

The July meeting will be held on the second Saturday the 10th of the month due to the holidays on the 4th.

We will be holding our annual Field Day at the same spot at the Ada Municipal Airport and we will also have use of the restroom facilities at the terminal building. Criswell funeral home is loaning an awning again and Finis, KM5RZ will also bring a cover so we can get out of the weather.

The decision was made to go with a 3Alpha operation again this year, we will have laminated frequency sheets at each position to help keep things in order also we will use sign in sheets at each position. We will be using Mason's, WT5X call again this year and we should all remember to operate carefully and properly while on the air.

The Food Committee will be Charles, KC5TGA who has kindly agreed to smoke the brisket again this year. Steve, KD5DKZ and Marie, KD5EXM will help by acquiring the hot dogs and buns and other supplies. There are other people who

will help and we hope to have a good time this year. The meeting was adjourned at 10:30.

We hope every one has a good Field Day and a fun Fourth of July.

Danny Coffey KM5LB
Secretary ADA ARC

South Dakota has faced twin emergency

South Dakota hams are being lauded for their work in a twin emergency situation. Rick Lindquist, N1RL, of the ARRL Audio News reports:

Friday, June 4th was not a good day in the northern Black Hills region of South Dakota. For starters sometime before noon a critical fiberoptic link was severed as a result of a construction mishap. That took out telephone service including 911 and cellular for all of two counties and part of a third. The outage also prompted a call for communications assistance to area Amateurs from the Red Cross.

The city of Lead Emergency Operation Center, home of the Northern Hills Amateur Radio Club's KC0BXH remained fully active during the entire 19 hour telephone blackout. Hams handled health and welfare traffic, emergency dispatching and coordination among other traffic. As Lead's Certified Emergency Manager Jerome Harvey, N0ZBR put it, "Hams are the go to folks when all the latest technology bites the dust."

And if that weren't enough for one day, severe storms lead to activation of a Skywarn Net that afternoon and later the same day a tornado struck the Pine Ridge Indian Reservation, disrupting telephone service there for an extended period. The storm left one person dead and many injured, in addition to damaging homes. Hams, under the leadership of ARES Volunteer Don Sanders, W0KTL established a base station at Red Cross Headquarters in Pine Ridge and helped to coordinate the Red Cross Emergency rescue and response effort.

"Basically they didn't have much of any communications there at all. And being that's a sparsely populated rural area there,

the damage was to homes out in the country where it was hard to get at. We had to bring four wheel drive vehicles in and take Red Cross workers out there. Along with ham radio operators and we could get a report on each individual home. Radio that information back to Red Cross Headquarters and get assistance to those people that needed it.

We had two teams of three down there for two days. Setup a base station. And then there's also local hams down there that continue to operate and we left the base station down there until it won't be needed anymore." Don Sanders, W0KTL

Physician William Schnurr, KI0OZ reportedly found himself in the middle of trying to provide critical medical care to those injured in the storm. And using his radio skills to attempt to coordinate ambulance response to the disaster area.

Heavy rains earlier in the week reportedly contributed to the problems for hams involved in emergency response and damage assessment activities following the tornadoes. Fifteen hams participated in the emergency response.

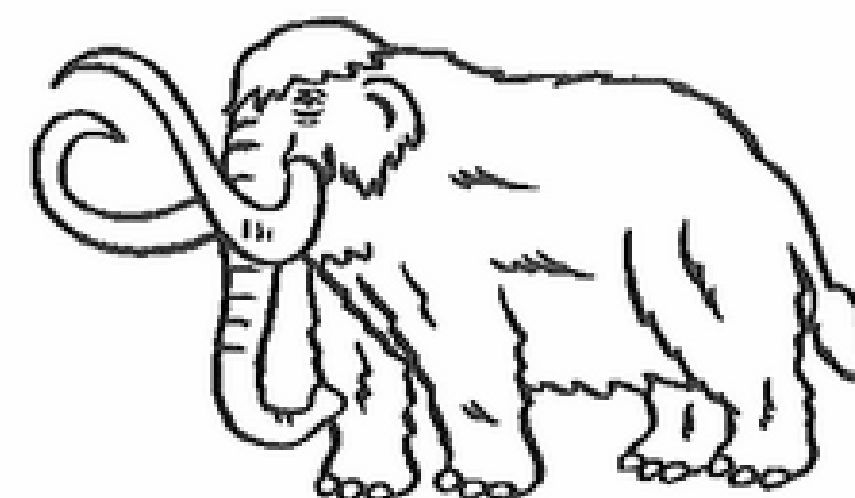
ARES Personnel logged approximately 190 duty hours. An estimated contribution to the local community of just under \$50,000 in equipment and manpower costs.

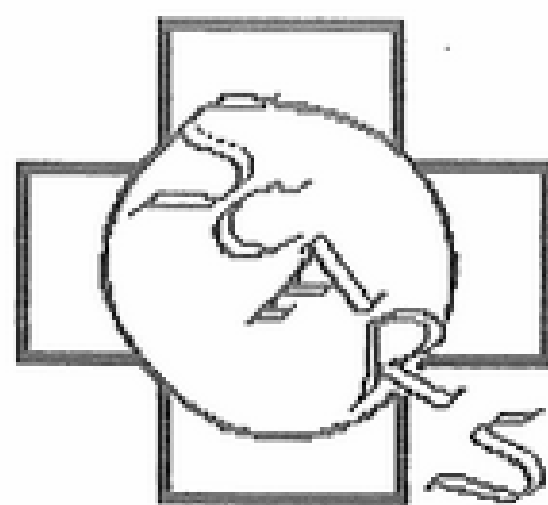
I'm Rick Lindquist, N1RL.

The complete ARRL Audio News is on the web at:

www.arrl.org

(ARRL)





South Canadian Amateur Radio Society

Minutes

South Canadian Amateur Radio Society
Regular Meeting - June 12, 1999

The meeting was held on Saturday, June 12, at the Norman Red Cross building. Club President Dennis, KC5EVH, called the meeting to order at 9:30 AM.

Due to a recent break-in at the Red Cross the building has been re-keyed and a new alarm system installed. All club members are advised to use only the front doors for the meetings. Attempts to exit the side doors will set off the alarm.

During the May meeting the club voted to make donations to the Red Cross and Salvation Army. Those donations have been made.

TREASURER'S REPORT: The Club Treasurer Jeff, KE5EB, was enjoying a well-deserved vacation. As a result there was no treasurer's report given.

C.O.R.A. REPORT: Tom, KD5ENL, related CORA would hold drawings and give away free prizes during Ham Holiday. Any person may pick up a free ticket for the drawing at the front entrance to Ham Holiday. There is a limit of one ticket per person. Each person who pays to get into Ham Holiday will also be given a free ticket to qualify them for the drawings. There will be no purchase required to get a free ticket for the drawings.

FIELD DAY: The club is preparing for Field Day. As in recent years, the club will hold Field Day at Reaves Park on Jenkins Street in Norman. The small pavilion at the southern end of the park

has been reserved. A \$200 allowance was made for Field Day expenses, including food and drinks.

Since the club will be trying for points during Field Day, Dennis suggested we each review the May issue of QST for the rules surrounding the 1999 Field Day Events. For example there may be 100 points given for informational pamphlets, 100 points for news coverage, double points for CW contacts, etc.

Gayland, KC5MMU, and the Red Cross each have a generator that the club may use for power.

Gordon, W5OU, and Louis, KC5ABI, will allow the club to use their call signs for the contests.

Louis will also provide a tower for Field Day. Ken, N5BEW, and Bill, N5UMH, will provide antennas and other equipment for the event. Many others volunteered to provide time or supplies.

Dinner is scheduled for around 6:30 PM. Fred, N5HZX will cook the meat for the event. Everyone else was asked to bring a vegetable or dessert for the potluck dinner.

MEMBERSHIPS: Jim, NW0K, reported there are 435 Hams with Norman addresses that we might tap for membership. He will create this list from his database for the next meeting. He has already contacted about twelve of these people. A motion was made and seconded to allocate up to \$60.00 for postcards and postage for notifying some of these people.

That dreaded WORM.EXPLORE.ZIP virus

Computer support lines continue to be overwhelmed by calls reporting new outbreaks of a software virus that spreads by e-mail as well as shared files on networks. Worm.Explore.Zip continues to take its toll on the nations personal computer systems as anti-virus companies has warn that the new file-destroying bug may be a lot more lethal to computers than first thought.

When it first surfaced in Israel a week and a half ago the primary means of infection seemed to be through e-mail messages that try to trick the recipient into opening an attached file. This activates the virus. No, its been learned that the bug has the ability to mutate and worm its way into other computers linked to the same network server.

Worm.Explore.Zip only targets computers using Microsoft Windows operating systems. The virus arrives in a person's e-mail box as a timely reply from an acquaintance, inviting the recipient to open an attached file. That action releases the virus that spreads by sending a copy of itself to the address of any arriving e-mail and destroying files stored on a person's machine, including those created by the popular programs Microsoft Word and Excel.

So if you get a note with an attached file from someone you don't know -- or an unexpected one someone you do know that contains an attached file, we suggest you do the following. Call them or e-mail them and ask if they really sent it. If you don't it could cost you all the data stored on your machine.

(Compiled from various published news reports)

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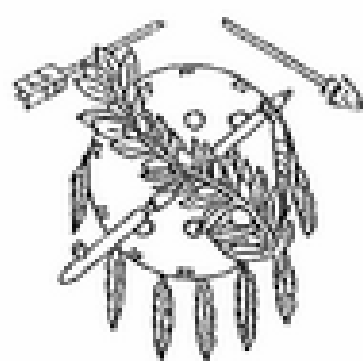
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Broken Arrow Amateur Radio Club

June Meeting Minutes

Minutes of the sixth Meeting of the Broken Arrow Amateur Radio Club for 1999

The meeting is called to order by President Wayne Hartsfield, KK5AT at 6:42 PM. Introductions are done of all persons present.

OFFICERS REPORTS:

Harlan Kinney, K9GDK read the Treasurer's report. A request is made from the floor to clarify expenses made over the previous month. Wayne makes a brief review of expenditures. A motion to approve the Treasurer's report without amendment is made by Mark, N5OBC and seconded by Nick, AB5M. The motion passes unanimously.

The Secretary reads the minutes from the April meeting. A motion to approve the minutes as read without amendment is made by Nick, AB5M and seconded by Mike, AB5RW. The motion passes unanimously.

COMMITTEE REPORTS:

Packet Report – Mike, WA5TXX indicates that the packet link to the west is temporarily broken due to the fact that the OKC packet station, K2GKK was damaged in the recent tornado in OKC. This problem exacerbated by the fact that the operator of the packet node in Chandler recently went silent key. Other links are working and the DX cluster is doing well. Jeff reports that internet packet is filling in for the lost link and that 6+ hams will soon begin a weekly voice net for information on starting APRS work over a local repeater.

VE Report – Nick reports that 6 people tested at the latest session. Two persons

passed element 2 only while four other persons passed element 3A. This means that 4 new no-code Technicians will be licensed and that we also have four new members for the BAARC. Kelly, KD5ALU reports that he has 16 persons now training that will be available for testing late July in Owasso and he requests a VE team be formed to come to Owasso for this testing. Wayne and Nick agree to study this request and make a recommendation on a course of action to cover this testing.

Engineering report – Mark reports that he has been working to include a PL tone on the 440 repeater to overcome interference from another local transmitter (source unknown). A suggestion is made to have this PL tone the same as is used on another local transmitter.

ARES: No Report

OLD BUSINESS (7:05)

There is still no progress on the plan to bring a TRO UHF repeater to the blank BAARC slot at the water tower location 101st and Elm. Tom Shelton at TRO has a frequency but does not have the hardware needed.

Wayne reports that the CORA newsletter will be delayed for June due to the effects of the tornado at OKC.

Jeff reports that the HENRY amplifiers have been hooked up in a testing mode and so far check out OK. The plan is to move these out of test and into service on the repeaters in a few days.

The Field Day site at Haikey Creek Park June 26 & 27 has been arranged for and an insurance coverage certificate for the County provided for. There will be no records kept for this event.

Jeff reports that the weather nets and spotting reports have worked well so far this year. Wayne reports that 5 to 6 mobile spotters are still needed for the EOC and that at least three people are needed for each EOC activation. Roger Moore is the new full time EOC director. Mark reports that the new Police Chief is requiring all BAARC members serving at the EOC will need updated badges as well as completion

of a formal Saturday training session before they can again serve at the EOC. Wayne reports that the communications outline has been completed and given to Steve Bradley for his approval.

NEW BUSINESS: (7:21)

Wayne presents W5DRZ service awards to Mark Hogan, Jeff Scoville, and Nick Marsala. Several other members (not present) will also be receiving this award.

Wayne reports that \$ 250.00 is now due for insurance coverage.

Member's Comments:

Guy Richie reports that Phil Cornell died recently. Phil was reported as a long time supporter of the BAARC.

7:28 Break

7:50 Program

Mark Hogan provides a discussion of homebrew kits. A demonstration of some homebrew equipment is provided by others including the use of a Tesla Coil to light neon and fluorescent lamps. 8:20

Program Completed. Meeting Adjourned.

There were a total of 29 people present for the meeting.

Submitted by Gerry Paschal, KC5JKU, Secretary BAARC

President's Special Notes:

Jerry Burrows to receive a certificate.

Nick to attempt to contact ORSI to get current list from the frequency coordinator.

Words for the Prez

By Wayne Hartsfield KK5AT

Greetings

This has been kind of an off month for me, I apologize for not being around more. Kim and I have had a lot going on. Jason graduated this month, then I got a case of Asthmatic Bronchitis, this has been a real kicker for me since I am normally pretty healthy. I did manage to go down for the Rooster Days Special Event Station, Jeff and Wade put together

at the EOC. It went pretty well actually, I wish more people would have been interested. Jeff ended up making some real good contacts, I walked in that afternoon and he was working Hungary or something like that. Excellent signals. I also got together several members of the Emergency Operations Team one Friday evening, this was a very constructive meeting. I would like to invite each of you to join in this community service effort. We can make a place for you if you want to participate. The only thing involved is we will be conducting some training, more than likely on the third Thursday of the month. This would be to insure everyone is informed on operations and practice during emergencies. Severe storm spotting is our primary activity, however, you never know when we may be needed for other emergencies. It does take a commitment and some dedication so make sure you can before you commit.

There has been no activity on the Proposed Project Budget approved at the February meeting. So as to date, no projects have been planned for new equipment. We have had some minor maintenance expenses. Unless someone volunteers to get the Project Budget under way, it will probably just lay in limbo.

We really could use a fund raising chairperson. The "Proposed Project Budget", is kind of a wish list of about \$1,550.00 which could fund repeater work, ATV, packet and do some upgrades of equipment. The key here is to raise the \$1,550.00. Otherwise none of these projects get off the ground. I was really hoping to have someone (a club member) appointed as fund raising coordinator by this time. So far no one has volunteered. There are several ways our organization can generate revenue, and we have some good ideas to date. Other ideas are surely available as well. I am more than willing to set the guidelines and help direct someone who is willing to take on this position. However, the pay is zero, no benefits, and lots of grief are sure to come with the package. Oh yea, no travel package either. You get the picture? The upside is it would be a great benefit to the club to have someone commit to this particular job.

On the benefit side of things, I have developed and award a few of the "W5DRZ - Meritorious Service" Awards. The guidelines are published in this newsletter and available at the next club meeting. This award should accomplish two things. One, it will further recognize and memorialize one of our founding and most dedicated past members, Adrian (Preacher) Rea. Second, it will allow us as a club to recognize and honor those members who have dedicated much of their time and resources to the club in the spirit of dedication. The first of these I hope to issue at the April meeting.

I still need your input on club projects, activities, and the club newsletter. Where you want to go with the club is important.. I would still like to have your input via phone or email, just so the record is clear on members input.

Until next month...73

Field Day

Field Day was after the deadline for submission of this month's C&E, so the full story on Field Day will be in the August issue. Hopefully we will have a very successful station to report!

No EMC link to cancer

Six years of research have produced little hard evidence that the magnetic fields around electric power lines cause cancer yet some lingering concerns remain. This is the gist of a National Institutes of Health report released on Tuesday, June 15th.

The report says that there has been some small statistical associations between magnetic fields and childhood leukemia as well as chronic lymphocytic leukemia in adults exposed to the fields through their work. But says the report, there is little confirmable documentation to make any valid connection between the two.

The report indicates that research is continuing in the area of these lingering concerns. Also that until we know a lot more, efforts to reduce human exposure to all electromagnetic fields should continue. (NIH Press Release)

Radio on hold

The FCC has acted to keep a new piece of ham gear off the market. The agency says that its really a CB set in disguise. Our business reporter Don Wilbanks, KC5MFA, has more:

The FCC has asked the U.S. Customs Service not to allow the release of a transceiver for importation and sale in the United States. This because the FCC says that it is really a CB set in disguise.

The letter to Customs is from the FCC's General Counsel Christopher Wright. It quotes a report from the Agency lab that their engineers have determined that this device and similar models are and we quote, "intended for use in the CB frequencies as well as in the Amateur Service. Because they have built-in capability to operate on CB frequencies and can easily be altered to active that capability such as by moving or removing a jumper plug or cutting a single wire." End of quote.

The radio was to be marketed as an Amateur transceiver designed to operate only in the Amateur 10 meter band.

In New Orleans, I'm Don Wilbanks, KC5MFA reporting for Newsline.

The FCC did not announce who is importing the radio in question so its unknown if the company will try to challenge the government in federal court. (Newsline, FCC)

New severe weather channel

Steve Miller, KC5TRR of Stillwater, Oklahoma, reports that storm spotters and chasers from around the country who use ham radio for communications have voted in favor of using 146.55 MHZ. This, as a universal nationwide simplex frequency during severe weather events.

Miller tells Newsline that the decision to adopt 146.55 MHZ came following two months of work and two lengthy forums to discuss the issue. For more information, Steve says to visit:

www.hamsnet.net/kc5trr
(KC5TRR)



Edmond Amateur Radio Society

Published - Sunday, June 27, 1999

Necessary'EARS': Local amateur radio group participating in communication exercises

By *SHARLA BARDIN*
Edmond Sun Staff Writer

Perhaps the club acronym really says it best.

The Edmond Amateur Radio Society - EARS for short - is a group heavily utilized for its communication abilities, whether it's in a situation as severe as the May tornadoes or an event as merry as the upcoming Fourth of July festivities in Edmond.

The circumstances may differ, but the community involvement is a constant.

"What we do is public service," said society member John Thomason. "It's the reason amateur radio exists."

Today, the public can get a better idea about the group and what it does during a "Field Day" that concludes at 1 p.m. in pavilions two and four in Edmond's Hafer Park.

Field Day is an annual event in which amateur radio operators - or "hams" as they're widely known - set up portable equipment under simulated emergency conditions and make as many contacts as possible with other stations in this country and around the world during a single, 24-hour operating period.

"It's kind of like a dress rehearsal," Thomason said. EARS members began the exercises Saturday afternoon.

The communication exercises are designed to sharpen emergency operating skills, as

well as promote the role of amateur radio. Field Day is organized by the American Radio Relay League.

Today's event also marks the end of Amateur Radio Week, which began on June 20. Edmond Mayor Bob Rudkin issued a proclamation in celebration of the week.

Field Day is an example of some of the activities offered for ham radio operators. Thomason cites the community service element and the camaraderie with others as some of the incentives for taking part in the high-tech hobby.

Getting the word out

What exactly do "hams" do?

Amateur radio operators use two-way radio stations, such as from their homes, cars or boats. Operators communicate with each other using voice, computers and Morse code, according to information from the American Radio Relay League's Web site.

To earn an amateur radio license, individuals must pass one of six license classes. These licenses are granted by the Federal Communications Commission.

While fun is to be had as an operator, there is also a serious side, such as during emergencies when the hams relay vital information.

EARS members act as weather spotters for Edmond and are also called upon to staff the city's storm shelters.

"They mean a great deal to this community," said David Barnes, the city's emergency management and communications director.

Weather spotters are still a must even in this age of advanced weather technology.

"Without eyes in the field you cannot confirm you have a tornado on the ground," Barnes said. "That's a very critical function."

When tornadoes tore a destructive path in May, EARS members were the principal amateur radio group to aid in the situation. Thomason said the Edmond group was needed since other metro ham operators were in the path of devastation and lost their equipment.

The Edmond society worked with the Salvation Army to get into damaged areas and dispense information about the supplies needed.

EARS members also assisted in the bombing of the Murrah Building four years ago.

While they are primed and ready to help in disasters, members are just as willing to assist in the not-so-serious moments. Members will help out with communication services, such as in the parade, during Edmond's LibertyFest activities, what Thomason calls "probably the biggest event for us all year."

Family-friendly fun

Thomason said one of the joys of being a member of the group is the family element involved, since ham radio is something all ages can enjoy.

He has been a ham for 25 years and he's spent 15 years as a member of EARS.

Thomason enjoys the communication work and the friends that can be made in the group.

There are 145 people who participate in EARS, and members are not only Edmond residents but hail from Guthrie and Oklahoma City as well, he said.

They have monthly meetings in the club station set up in the Downtown Community Center. EARS also provides classes in the fall for those interested in becoming ham radio operators.

Ken Stepp joined EARS in 1979 and savors the friendships he's made with members.

"We've got a great bunch of people in the club and it's very family oriented."

There is also satisfaction when members can provide a service to the community, he said.

"It's kind of fun when you can help somebody with your hobby."

RADIO: Members say good friendships are formed in group.

(Sharla Bardin can be reached via email at sbardin@edmondsun.com)

Enid Amateur Radio Club

May 27, 1999 Meeting Minutes

Note: Meeting minutes are being published now due to technical difficulties encountered in May.

Yes it is that time again, I hope everyone is enjoying the change to spring. It is time to start getting the radios and antennas ready for Field Day, it will be here soon. The EARC will be setting up at Croslin Park on the north side of Enid. Dwayne, KC5QVS is the headman on this venture, so watch out, as he will be checking for volunteers for many jobs. The Club meeting in June will be very important to attend as it is just prior to field day. John, KA7GLA and his ARES group have been busy with weather watch and are getting the bugs worked out at the EOC. The group is also working with the Local Red Cross to get the new facilities set up and running, a lot of work yet to do.

The President John, KA7GLA, called the meeting to order at 7:00 p.m. CDT. Motion to accept minutes as published N5QJX, 2nd KD5EUS, accepted. KA7GLA read the Treasurer's report, motion from KD5BA, 2nd by KC5RRS. KA7GLA lead a discussion about Field Day. Crosslin Park is reserved. The club needs to locate generators, antennas and Radio equipment. Sam, KC5EUS offered his HF rig w/power supply and tuner. John, KA7GLA will bring Yaesu 890. The City-wide practice disaster was postponed until August. Al KD5BA reported on the Cherokee Strip parade September 18 at 10:00 a.m. He will also be parade chairman this year. Prior to the parade will be the 5K run with St. Mary's hospital in charge for the 1st time. Motion to adjourn KD5BA, 2nd KC5RRS. The following were present on May 27 1999. KA7GLA, KD5BA, N5QJX, AA5XC, N5WUH, KC5EUS, AA5LI, KC5TFA, KC5RRS, KB5OEQ, Clint James, Jake Lebeau.

Testing for upgrades and new licenses on hold at Enid:

Tom Worth N5LWT head of testing for the EARC has put the testing on hold

until the ONG building is back in shape, as it is getting a face lift. The next test session will be in November at the Enid hamfest, which is on the first Saturday of November 1999.

Kenwood TS520S and Acc. For sale:

The EARC has a club radio for sale! A TS520S, MC50mic.matching VFO, Ant. Tuner, Ext. Spk. This unit and Accs. are in very good shape and working order and manual. If interested contact Dwayne, KC5QVS at Wheat Capital Comm. 580-237-3218 in Enid or go by and see the stuff at 306 W. Willow.

Things You Have Learned, Please Don't Forget:

Since it is spring time and there are a lot of things to fix and build as far as ham projects. Just remember electrocution occurs when a small, specific amount of electrical current flows through the heart for 1 to 3 seconds. 0.006-0.2 Amps (that's 6-200mA milliamps) of current flowing through the heart disrupts the normal coordination of heart muscles. These muscles loose their vital rhythm and begin to fibrillate. Death soon follows. To provide an example of how small an amount of current it takes to kill; a 15-Watt night light draws about 125mA. So try to keep one hand in your pocket when messing with the JUICE. The human body is damaged by the flow of current through it. Tissue damage occurs via heating, just like a burn. More importantly, significant body functions such as heart beat and breathing can be affected by electrical shock. Dry skin has a fairly high resistance, so you normally don't feel anything when touching low voltages (say below 35V). Therefore, with some caveats, if your circuit is operating on +15V and -15V maximum, you can safely poke around in it while it is under power. Circuits that operate with higher supply voltages should be treated with more care. Wet skin has a much lower resistance than dry skin. If you perspire, as most of us do, your skin resistance can be lowered such that you may feel a minor shock from low voltages (I have felt 24 volts). Blood, having a saline component, is quite a good conductor. Accidental shock via an open wound is quite possible, and could be quite dangerous. Metal jewelry is a very good conductor. If you have a power

supply that can deliver high current, your class ring would be happy to provide the conduction path. Here the danger is heat rather than shock. The ring will conduct as much current as the supply will deliver. If you short out a car battery with your ring, the ring will literally vaporize! Imagine what that would feel like on your ring finger! Vaporizing metal wouldn't be fun in the eyes either! In summary, always observe the following precautions. Remove all rings, bracelets, necklaces, etc. before working on live electronic circuits. Keep your hands dry at all times. Wear full coverage bandages on all open wounds. Respect all circuits, especially those that have high voltage, or high current capability.

Fun Things to Do: If some of you have not messed with the older tube rigs, you are missing out on a real part of ham radio. I started listening to short wave on an old Hallicrafters SW receiver that was all tube, nice glow in the dark. Well I am messing around with them again. I have refinished a couple pieces of Collins gear and might redo a SX100 rec. There is a lot of information on restoring the old rigs on the Internet and there are several nets on HF that discusses the different types of radios. There are several dealers that have parts and paint to match the radios to a "T". The Collins group has a net that is fun to check with, it is on 14.263 kHz. at 14:30 CDT on Sunday afternoon. The main thing with these rigs is to remember the article before. These types of rigs are very lethal and usually you don't get a second chance. **All of the tube rigs have high voltages from 200 to 1000 volts DC. So watch where you stick the screwdriver.**

A Quick Bit of DX info:

If you like to collect prefix's Rolf, SM5MX is about to travel from Tokyo, his present QTH, to Hanoi to revive his call XV7SW for two weeks, May 23 to June 5. Rolf will take part in the WPX CW Contest. He is now the only remaining XV7 on CW. From now on, only 3W calls will be issued. QSL via SM3CXS. So

If you need the XV7 you don't have much time.

What is the President doing?

Well the word is John, KA7GLA has acquired some more LARGE rigs and he is spending a great amount of time moving stuff in the shack and also reinforcing the floors so it will not cave in, he has said that the shack will not blow away now as it is well anchored. Well he will probably be adding on next because there are a few more hamfests coming up and you all know John he can't pass up a bargain.

From the Editor:

I am needing things to put in the Q&E, as this is your paper. If you have ham gear you need to get rid of let me know and we will get it listed. If you want info. on certain things in the ham world I will try and get it. If anyone wants to give this job a try it is always open, it is good experience and can be a lot of fun. NJ5S

Enid Amateur Radio Club**June 24, 1999 Meeting Minutes**

Members in attendance: KC5QVS Dwayne, KC5OKG Bill, KC5GUD Dave, KC5TFA Mike, KD5EUS Sam, KD5BA AL, and KA7GLA John.

Meeting called to order at 7:05 p.m. by John KA7GLA. The treasurer's report was read and approved (*because no one else wants to be treasurer!*). The Club's ARRL affiliation was approved by the ARRL HQ. AL AD5BA discussed upcoming parade/community events. The YMCA Triathlon is coming Saturday, August 7th! This annual event features swimming, running and bike riding (*NOT for EARC members thank goodness!*). We'll need 6 to 8 members to help with traffic reports, etc. Meet on the air for assignments and plan to be in-place by around 7:00 a.m. The Cherokee Strip Parade will be held on Saturday, September 18th (thanks to AL, we get T-Shirts!). More details to follow.

New Business: Field day was discussed at length, with emphasis on needed equipment and supplies, and logistics of setting up and operating. By the time you read this, **Field Day will be History**,

Sad news: Abe Cornelsen, W5LHU passed away Thursday June 24, 1999. Details later.

A Brief History of Amateur Satellites

The **Orbiting Satellites Carrying Amateur Radio (OSCAR)** series of small satellites was initiated for radio amateurs to experience satellite tracking and participate in radio propagation experiments. The World Administrative Radio Conference (WARC) allocated frequencies for the Amateur Satellite Service, including 29 MHz (10m), 145 MHz (2m), 435 MHz (70cm), 1270 MHz (24cm) and 2400 MHz (13cm). Transmitting low-powered signals, initially battery operated and offering short lives, the satellites have become increasingly sophisticated. More recently, they have served school science groups, provided emergency communications for disaster relief, acted as technology demonstrators, and transmitted Earth imagery.

Have you tried this yet? Kitsats: The KitSats are low earth orbit (400 to 1200 km circular orbits) digital satellites operating at 9600 baud in a "store and forward" mode. Using WISP, a satellite client-server program written by Chris Jackson (ex-ZL2TPO, G4UPN), the user can view the satellite directory, upload files (images, sounds, software or plain text), mark files to download and view downloaded files. The software also will track satellites and support the Kansas City Tracker rotor control unit. Windows 95 WISP is now being created. There are also some other programs such as PG/PB that also use the pacsat protocol to communicate with the KitSats. The pacsat protocol uses a "broadcast" mode whereby when anyone requests a file, all users will download the packet fragments broadcast by the satellite unless they specifically exclude them using an equation that specifies the user's preferences by file type. This way the number of requests for files can be kept to a minimum and everyone fills in files on the directory with "holes" where packets either weren't heard or were not requested. The user then only needs to request the holes that they have not received via other's broadcast requests. A directory is also broadcast of available files and the user can ask to update the directory or this is done by other's requests as well. If you have not yet tried the satellite route, it is yet another way of using hams radios.

So you don't like the satellites, how about 6meters? What is the six-meter band? Kennedy may not have been talking about the 6-meter band, but it is an appropriate comment! If you like a challenge, this is it! If you want reliable, easy, worldwide ham radio communication, stick to 20 meters. If you enjoy a challenging band that changes moment to moment, 6m are for you! The 6-meter band is a portion of the radio spectrum around 50 MHz allocated to amateur radio. What attracts hams to this unusual band? It is fascinating because just about all types of propagation pop up on 6m at one time or another: Sporadic E (Es), Tropospheric Ducting, Aurora, Meteors, even F2 skip like an HF band... they're all here. 6m are an acquired taste: a few hams work the band regularly, but many hams never work it at all. Once you acquire the taste, you tend to be hooked for life. The band has become more popular in recent years, thanks to several new 6m-capable radios. They're two types of 6m operators: the ones who use FM or packet for local work, and ones who work DX with SSB. (Some like me even do both!). **WHAT ARE THE FREQUENCIES?** In the U.S. and some other countries, the six-meter amateur radio band lies between 50 and 54 MHz, just below TV channel 2 in the U.S. In some other countries, 6m are allocated much less bandwidth. New Zealand's band starts at 51.0. Check your allocations for your particular country. Outside of the U.S., the allocations have changed in recent years, as the band is becoming more popular. **IS FM USED ON 6M?** Yes, usually above 52 MHz. The level of activity varies with the area. Its popularity is on the rise thanks to several new all-mode 6m rigs on the market. The main FM simplex frequency is 52.525 MHz. Your local range is better on 6m than on 2m with the same power and a similar antenna. If 2m are too crowded in your area, the FM portion of 6m may be just the solution you need. Most 6m enthusiasts, however, use only SSB or sometimes CW. **ARE REPEATERS USED?** There are a several 6m repeaters listed in the ARRL Repeater Directory, but some of them are not operational. This will depend on your area. The offset in the U.S. is usually one MHz. (e.g. 53.330 out, 52.330 in) I would listen to the FM

portion of 6m to check for activity in your area. **HOW DO I KNOW IF THERE IS A DX OPENING?** Of course, the best way is to check for an opening is to listen to 6m. Many beacons operate around the world between 50.0 and 50.1 MHz; check the ARRL Repeater Directory. Monitor 50.110, 50.125, and 50.200 for SSB openings. You can also monitor 28.885 MHz, the "10 Meter VHF Liaison Frequency", where hams report VHF openings and schedule contacts. You'll hear some of those "pros" you see in QST with the huge antenna farms like WSUN (the first ham to work 100 countries on 2m!) on that frequency. **WHAT ARE THE MOST POPULAR FREQUENCIES?** Per the FCC, 50.0 to 50.1 is reserved for CW work in the U.S. Most operation is SSB. 50.110 is the most popular SSB DX frequency, and 50.100 to 50.124 should be used only for DX. Some hams tend to discourage (or flame) U.S. domestic stations from calling CQ in this "DX window". The other popular frequencies tend to vary from area to area, so the following is only a general guide for beginners: 50.125 is the old U.S. domestic calling frequency, and most domestic SSB is found between 50.125 and 50.200. The ARRL is encouraging hams to use 50.200 as the new calling frequency. Only during hot F2 openings do you find SSB much above 50.200. **DO I NEED A BEAM ANTENNA?** If you want to win contests, yes. You can have fun with a vertical during openings, (I do with an Icom 706 in my car) but the pros use beams. Most serious operators are horizontally polarized, but cross-polarization does not matter for Es, F2, or Aurora. A few stations use 3-element beams, but a 4 or 5-element beam is so small that a LOT of people uses them. Quite a few people have Cushcraft 6-element "Boomers". There are a few other big beams, and the lunatic fringe stacks them. For example, K6QXY has a stack of 4 six-meter beams, each with a 50ft (15m) boom. **HOW HIGH SHOULD MY ANTENNA BE?** For sporadic E (Es) openings, a height of about 30 feet is optimum according to studies. For tropo and other modes, the higher the tower the better! Some people have multiple antennas at multiple heights to work different kinds of propagation modes. I live in subdivision where no outdoor

antennas are allowed, so I use a 2-element beam in the attic, and it works pretty well. I also use a vertical for local FM work. RG8 or RG213 is plenty good enough cable for most people. Antenna-mounted preamps are never needed. A 1/4-wave whip is less than 5 feet high and makes a good mobile antenna. **ARE 6M NOISY?** External noise is fairly high at 50 MHz. It overrides the front-end noise figure on about all the rigs on the market today unless you have a LOT of cable loss or a VERY quiet location. **CAN I USE A TRANSVERTER WITH A HF RIG TO GET ON 6M?** Yes. A transverter allows you to use a HF rig on 6m (or other VHF/UHF bands). Many 6m operators swear by the transverter + HF rig + brick amplifier setup. Keep in mind, however, that some of the transverters are kits, and most HF rigs must be modified to support transverters. In these cases, some experience with electronics is necessary. The results are well worth it. The top-of-the-line transverters are from a German company called SSB Electronics. They outperform 6m rigs but are expensive. Down East Microwave and Ten Tec also sell very popular assembled and kits units. If you already have an excellent HF rig, the transverter is a great way to go. Keep in mind that mediocre HF rigs may produce mediocre results. This is another band that has its ups and downs and now is the time to give it a try. Let us know if you work this band and what contacts you make.

ARES may be on the move: Yep it may happen! The local Red Cross may have to move again if the County has its way. The local Garfield County Commisison is thinking about purchasing the property for a new Jail House and offices so here we go again. John KA7GLA the EC for Garfield Co. has lost some more hair over this deal.

Other Stuff: The big OKC hamfest is just around the corner so you need to get the extra STUFF rounded up as to make more room for new STUFF!!!

73s
NJSS

That OTTER Radio Hunt

And finally, we all know that here in the United States hidden transmitter hunts are often called Fox Hunts or even Bunny Hunts. But what about a hidden transmitter hunt that takes place on water? According to John Arsay, VK4QA, that's what the Dutch call an Otter Hunt. Here's John with more:

Today one should be in the Netherlands for an fascinating experienced as VERON is organizing the fourteenth OTTER Hunt. We all know about fox hunts or, to use its proper name, radio direction finding games. The Dutch, of course, want to be different so they started the Otterhunt. It is held near the old Zuyderzee, now called IJssel Lake, in a place called Meppel. It is a pretty wet area and the fox, sorry, the otter can only be hunted by boat'. The hunters can chase an Otter on two meters or on eighty meters or, if 'they are really keen, can try to locate both otters, using two receivers at the same time.

Various boats are available for hire if you don't own one yourself. These hire boats vary from a motorboat driven by an electric motor to one man canoes but they don't say how many rescue vessels there will be on the water!

It will be a very busy period as one has to locate not one, but five hidden transmitters, each transmitter point having both a two meter and eighty meter unit. To make things more interesting or, should I say, more difficult, extra points will be awarded to those hunters who manage to accurately indicate on their maps the location of the found otters.' And to make things more interesting again, a questionnaire must be completed covering the natural habitats of the area around the Otters!

If you think that the Other Hunt is different, how about a T-Hunt in the air. The Dutch are doing that too. That story, next week.

(Q-News)



Altus Area Amateur Radio Association

*** Hamfest for 17 July 1999 has been
CANCELLED ***

Tonight (16 June) at 7pm we had a Emergency Meeting of the AAARA Hamfest, at Woody's BBQ and with 11 folks attending, here was the results... And it is not good. Since Labels were not ordered, and several things were not done in time, well Father Time got us this time. Hamfest was Cancelled.

DO NOT blame this on the Club Officers, the Blame lays on ALL of us Club Members. It was OUR Hamfest and instead of going down in flames like some other clubs that have, we will start Next Regular Ham Meeting for Next Years Hamfest. Also we will have 3 or so VE's out of the area during that time, but a VE would be easy to get from another club, since we HELP them do theirs, as we are Hams helping Hams. BUT it will take Commitment and Dedication to hold one next Year, it is a big JOB to do to hold one as a club, but the CLUB means the CLUB not just the Officers of the Club, a few others that worked so hard to this point.

May I ask a question (It does not have to be answered right away, but think about it), and here it is...

Do WE as a Club want to do the Hamfest in a Month other than July?

Also as I see it, maybe the "Prizes/ Grand Prize, Pre Reg Prizes" are main attractions to the "Hamfest". Well the Law is the Law, and it is not just Hams that are affected by it, but even the bigger folks who the proceeds go to help those in need, research, Education Funding, Etc.

If the only reason was for that Prize to come to the HAMFEST, the Reason for

Motivation to have the Hamfest, well that is all the wrong reasons to have one. I will miss the folks that come on over and visit with us, and see what is happening in Altus America with the good folks of AAARA. Well I said about what I had to say on that, so it is ALL of US to Blame All of Us.

**** As of 22 June, we have had a radio meeting, (remember how popular it was before Email) and we will still have a 1999 Hamfest, but it will be in Oct, Nov, or Dec, this will be made known at the next Meeting 8 July 99. We as a Club will Vote on it. This effort is all the Driving Force of Mike, W5VXU, and he has already taken steps and sent things in the mail to various Orgs to see that we will have a successful Hamfest. ****

Altus Area Amateur Radio Assn. (AAARA) June Minutes

*Meeting held at 711 W Tamarack Rd.
Altus, OK 10 June 1999*

Meeting called to order at 7:05 PM. by Ron, KD5CYW.

Intro.'s- Done, 20 attended plus a visitor.

Last months Minutes - Read, voted and approved

Treasurers Report - Read, voted and approved

Old Business -

AAARA Comm Van - It is at George's, N1GM House. We found a source for wheels and tires. See George, we need work done on it, Let's see if we can get it ready for use at the Altus Christmas Parade. * Note: Had some hail damage from the storm on May 31st, James, KC5OEY will look into finding out needed info for the van that the club needs to get it on the road.

Club UHF Repeater, *Up Date* Dale, N5VX has informed us that the repeater was "tweaked" for the Xmit & Recv bands and needs a second antenna for it, and we should be good to go with the getting it on line.

John, KC5HUW has a UHF repeater just about up at Roosevelt, 449.775 (444.775). It may be linked with another repeater....

Which one it will be John will let us know, when he figures out a little problem it has. *** Up Date: He found out what the problem was and will get it put up on the grain silo most likely when the grain season is over. ***

Field Day- Last Weekend in June (26-27th), George, N1GM is going to try to get The Picnic area at Altus Resv'r (the pond) and also open to the public view so they can see what Ham Radio is all about, this is the reason for Field Day. George will get a hold of the Portable tower from Ed, KC5IVY to see if it can be used.

Also... The West Window at the Altus Public Library was Set Up for us by Ron, KD5CYW for the month of June (1st Tuesday setup, 30th Wednesday Takedown).

Change to location

We will be using the Rest Area on RT 283 (North and on the West Side of the Altus Munciple Airport); AAARA Comm Van will be there, we think it can survive a 2-mile drive. See you there Sat 11am set up, 1pm let the airwaves get hot.

AAARA- HAMFEST 99 INFO:

Date: 17 July 1999

Place: Community Center on Falcon Rd. (Same as last years)

Time: 8am till 4pm

VE Test Session: 10am across the street at Petticoat Junction.

Woody's BBQ will be the Vendor for Lunch from 11am to 1pm.

And the Band will be back to play for us once again.

Vendors will be in the vendors who's out if the vendors by the 15th before 15 May 99. (Doc, N510 and John AB5WQ are contact point for the Vendors)

We Have 7 Vendors lined up now to be there, 2 Confirmed. NTX Supply, and Kenny's Etching More in store, come to the Fest and see, we have some good folks coming, and some returning vendors from last year who enjoyed the Fest last year, and support them too, and you did, that's why they want to come back.

New Business-

1. Lets have a Memorable 5th yr. Hamfest, Hamfest Flyers were printed and Picked up, need to be folded and mailed this week. We are down to the last 5 weeks or

so, and we need to get things going. Doc, KM5IO read a letter that should get us some funding for advertising. Thought of Door Prizes? How about Oldest / Youngest Ham, or Ham Trivia, were if you answer the Questions right, you get a door prize.

Robert, N5NDQ from Lake Kemp, TX, and had an Invite to a Ragchew / FishFry and BBQ Brisket, at his QTH. Please contact on the 146.79 repeater (Vernon repeater 147.020 was zapped by lightning). Email- Robert N5NDQ <robertchilton@hotmail.com> or A.J., NC5Z <nc5z@chipshot.net> to let them know your a comin' for the get together. (This sounds like the Sec/Ed must investigate this one, and I think I will, sounds mighty tasty, I mean fishy to me.)

Also A.J. had given an Invite from the Montague ARS Field Day (26 June) in Bowie, TX, if your around and about that area located at the Pavilion behind Second Monday Grounds, Bring covered dish and drinks for your crew and chairs.

Mangum Rattle Snake Derby, Club made \$95 for helping out in the Ice Sales.

Month of July, Jones Bike shop asked us to help with the Bicycle Races Thursday Evening 600pm at Altus Resiour.

Ann, KA5YWY gave the Bunny Rabbit Award (for the VHF in the Altus Area) away to Loren WA5CBF, Congrats on the Award. Ron, KD5CYW is 'Bunny sitting' this one till next month, Loren good to see ya, come back next month and give it away to? well your choice.

Christmas fund donation - Owen, N5VM

Next VE test session, 6:30 PM 22 June 99 at SWTC, in Altus.

Meeting adjourned at 8:00 p.m.

Next Meeting on: 8 July 1999 at 7:00 PM. at South West Technology Center.
711 W Tamarack Rd. Altus, OK

Ron, KD5CYW
AAARA Secretary/Editor.
Email rroman@intellisys.net

Altus Test Session- 22 June 99

5 VE's and 1 Non-VE helping during the session, 5 folks tested, 2 Elements passed, and Thanks to them long riders that came down from the Elk City / Canute Area to test with AAARA Club VE's.

Editors Thoughts:

(This can be dangerous, do not try this at home.)

Disappointment came to a group of us last Tuesday when we met for the Emergency Hamfest Meeting, well as you read up top, the Hamfest was Cancelled, oops Postponed, that is what I meant to say. The decision was hard, but the facts spoke out (well Doc, KM5IO, had the facts and spoke, I have a lot of respect for this man) to make the decision to go with the No Go. But disappointment will have to take a back seat; we will have a Hamfest.

I think as a Club we want so much to be noticed as a club, well it could have been said any easier than the words I heard from someone in the Wake of the OKC Tornado. "Our toys became our tools". Take a moment and ponder on that, now pat yourselves on the back and say great job. This is what we are here for, to help the community in time of need. Our Hobby, and I say that though some folks think it is more than just a hobby, and yes, it is that way after time and the folks you come to know as the ones who make it a great Lifetime Hobby. We have a lot of folks who use the repeaters during the morning commute to work, and then on the other hand we have the ones who are there at home enjoying the morning commute without having to drive holding QSO's with the ones that do drive. Yes, whether it be in the AM or PM drive, or just a short run to the store to get something, hey these QSO's help make life easier to pass the time as you drive along. (Dottie, KC5EEO, Thanks for helping us commuters start the day right, plus that daily coffee stop for me helps too, but remember, the microphone is not to be used as coffee stirring stick.)

Morning time has come once again from last nights little Pop up Rains that grew into big Pop up Rains and caught a few folks by surprise. Yes we were surprised with blowing dust and heavy rain as this storm system collided with two fronts over head and it was just sitting on top of Altus spinning around dumping rain, I think it

wanted to make up for last years lack of it. We have had a great lightning show last night after the main storm broke down and the lightning dancing from Cloud to Cloud was great and miles upon miles long every way it went. Awesome looking show, better than fireworks. Once again, "Our toys became our tools".

Well there was 6 folks from the AAARA that was down at Lake Kemp, TX at the Ragchew and FishFry, we had a great time and the food was great, thanks to the hosts of giving a great little get together, met folks and made friends, seen old friends and had a good time still. Thank You Rob and AJ for the invite, enjoyed by all.

If we want to be noticed as a club, well then, let's keep the repeaters hot on the air. And as I have helped out folks in the past several months, buy scanners and help them get the channels programmed in them, to show how to use it, to give them How to's and Not to's, and related hints. Some have even come to the club ham meetings, and some have tested and some have past, so it all starts because we care about our Hobby and that is noticeable too.

Till the next time, take care and keep them repeaters hot,
73's

Ron, KD5CYW

CQ CQ CQ AJ5Q Field Day

What a beauty of a weekend in SW OKieland for the National Field Day to be held, at least here it was, with a location that was prime. We were located on RT 283 just north of Altus Muni Airport, basically the north end of the runway area, at the rest area, what a nice spread out we had, a location that was very Open to Public Veiw, and the Race track was north of us, so a few folks came on by. We set up at 1100am and by 1pm (1800Z) we were up and running as AJ5Q - 3AOK. We got many contacts, don't know too soon for the numbers game, but we had some antenna problems, but we overcame that. We had many Hams come on by and visit and operate at the AJ5Q site, Thanks for coming or even being on the 146.790 to say hello and good luck to the crew of AJ5Q (you know I should have had a guest log set up so I knew who all was there, something for next year I guess). Sat. in the P.M. Charlie Calhoun Jr. K5TTT, our OK Section Manager was by and tickled to

see the way we were set up and running, with a camper that Dale N5VX had set up, he was debugged most of the time, (Well when ARRL plans for a simulated Emergency contact/contest, we plan as well) and the portable tower of Ed, KC5IVY, a converted boat trailer, nicely done up by JT, KC5AST. Thanks Charlie for coming on down and even being that great Ham of a volunteer to help with the Antenna Party we had, and for the group photos, taken by Lil, KC5CNA.

Some of the Hams that was there as part of AJ5Q Crew... Dale N5VX, Lil KC5CNA, Mike W5VXU, George N1GM, Nathan KD5GML, James AB5FS, Johnny AC5QT, Fred KC5SRJ, Janice KD5BNO, Ron KD5CYW, Bob KC5CNC, John AB5WQ, Dave KF4KWW (also a new member of the club), Doc KM5IO, Bill W5VW, Joe W5CCV and his new YL Bride, J.T. KC5AST, Mart W5KRG, Wes KC5TTE, Loren WA5CBF, Dave KC5SII who came in with 3 Horse Power, that's right on Horse Back with his Daughter and George's daughter and my kids got excited to sit and get a Pix of them in the saddle. We had some more folks show up, I may have been there or not, and I should of found a piece of paper to write them down. We also had some folks stop by that was wondering what we were doing, along with the OK Highway Patrol, who was doing good getting the leadfoots going past the AJ5Q site, Great Job OHP.

Well I was operating on 15 and 20 Meter bands (now to pass the 5-wpm side, thinking upgrade, got bit by the HF bug) and made quite a few contacts. One was W1MOO (SAVT), I was running into him all day and just couldn't get through, then in the Sat around 930 - 1000pm local time, I heard him again and whamo, got the Moo, I got the eyeball when the victory sign went up, but then again when your on the hunt, you get a little excited when you bag the game you been after all day. I just liked the Call Sign, and I wanted it, and got it. Fred KC5SRJ, was working 40 Meter and had 3 pages or more filled, (he had a good ant and direction on it), Fred gets the award for the most QSO's in the... well we all got a award for being good sports and let the way of the Ham, be as a Ham, a Real Gent or Lady on the air, Kudo's to all on that subject.

Did we have a ball or what? yes we did, we had made the a lot of folks be the

center of the bands, and then swapped out when someone was tired or just out on the limb from all the clashing on the air. We elmered and was elmered, learning something from each other on the ways to operate, teamed up with one on the radio and one with pencil in hand. Team effort all the way, now I know why when the storms come, they tune to us when we wear that Storm Spotter hat, and practice makes perfect.

A big Thank You to George N1GM for being the Chairman for AAARA's Field Day Site, and the Altus Public Library for letting us display in the window our Ham Radio Items, and to all that helped with the event, with out you it would have been just a dull weekend. :-)

Whew! I'm tired and going into the 1BED mode, that is One Bravo Echo Delta, Good Night and 73's
Ron KD5CYW

Proposed APRS Satellite

Some of the nations APRS leaders have been doing conceptual studies for a small nano satellite for relaying APRS status position packets from stations in remote areas and off shore. This, according to an internet posting by the father of the mode Bob Bruninga, WB4APR. According to Bruninga the biggest problem has been designing the system to be optimize for mobiles while mitigating the interfering signals from all the fixed operations on a given radio channel.

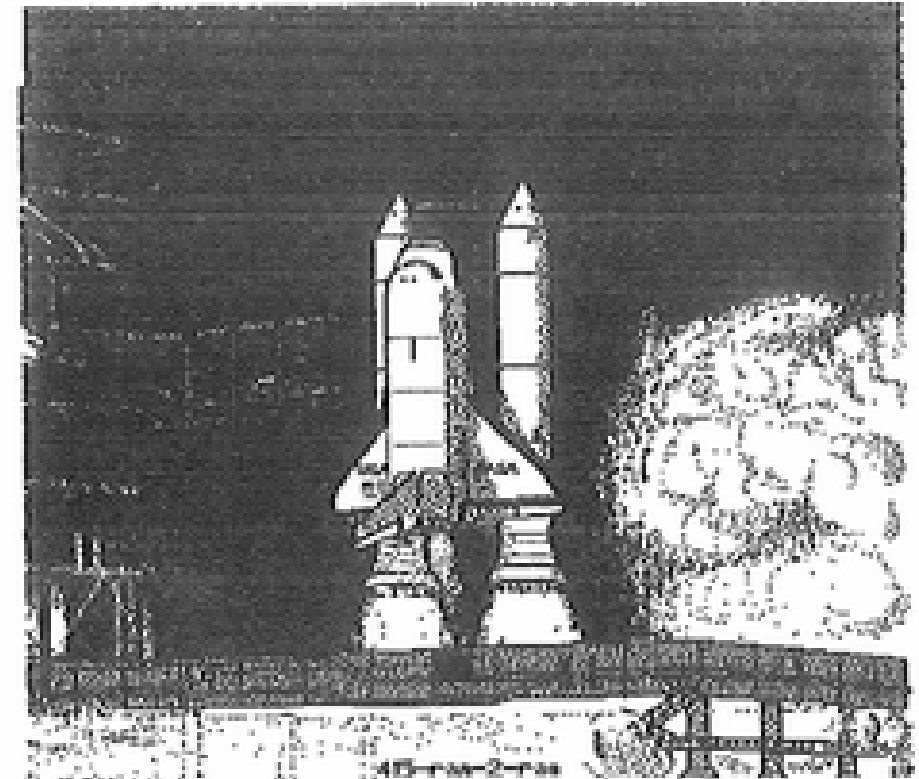
But says WB4APR the job is not as difficult as first thought. This is because 90% of the North American population located on 20% of the land is already covered by the APRS infrastructure. This means that a dedicated APRS satellite need only supply coverage in the remote 80% land mass. This is because the remote 80% comprises only 10% of the population. This means interference is minimal where satellite relay is needed the most as the remote mobile will be hearing nothing else on the channel since he is far from any other stations. This means an almost 100% chance at hearing the downlink.

Bob says that this makes a flying simplex digipeater operating a perfectly viable space satellite application for North

America and surrounding off-shore areas. The satellite would be silent over the rest of the world if its operating frequency is not available in order to abide by international agreements.

No firm plans for an APRS satellite are in place. It's only in the very beginnings of a discussion phase.

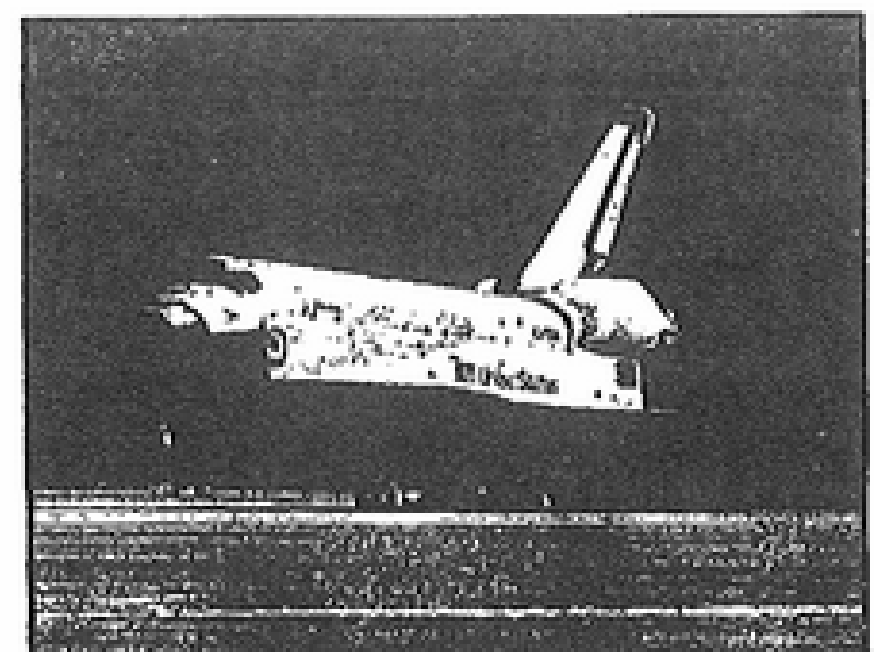
(AMSAT BBS, VHF Reflector)

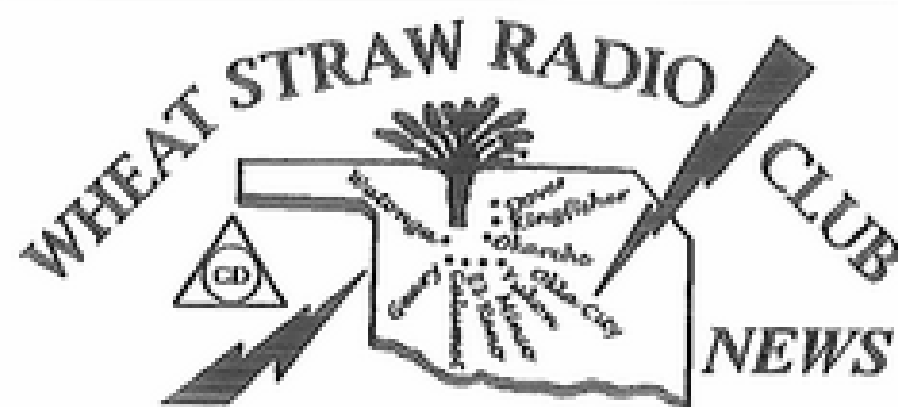


STS 101 ready to go

Space Shuttle mission STS-101, currently scheduled for launch on December 2nd will be carrying the first amateur radio gear up to the International Space Station and may install antennas during a spacewalk. The ham gear will be left on-orbit in the ISS, and there may be some very limited testing of the station but it will not be the DXpedition type operations like those of the past. This is because the space station assembly crews are extremely busy and have limited time to operate let alone try for DX pedition style operation. In fact, don't look for that kind of operation even after the first permanent crews take up residence on the International Space Station sometime next year. This is because Amateur Radio is an educational and recreational activity rather than a primary activity on board the ISS.

(SAREX)





Wheatstraw Amateur Radio Club

Wheatstraw hams held their monthly meeting June 13, at the Calumet City Hall. There were thirteen members and two guests present. As we didn't have any world shattering events to discuss, the meeting was short. But as usual, after the meeting, the refreshments and conversation were enjoyable.

Mary Wells, KB5FOR wants to thank all of the Edmond Club as well as Joe and Mary Hyatt (WA5GHK and WA5VNF) for all the cards and good wishes she received while in the hospital. It always means a lot to be remembered, I am the world's worst at doing that!

The next meeting will be in El Reno at the home of Neal Kappys, WA5VNF. He drew me a map, but I still can't explain it. Ask him how to get there some time on the net. Hope to see a lot of you there!!

Are you ready for some jokes from Stu? Well ready or not, here goes! Hamburgers' idea of helping his wife with the housework, is lifting his leg so she can sweep under it!

Talk about tough luck! Josh Jones waterbed caught fire!

Cousin Rachel says she doesn't want to wish her new neighbors any bad luck, but if their house is burglarized she hopes the burglar will take their boy's Boom Box!

Many parents spend half their time worrying about how their child will turn out, the other half worrying about when he will turn in!

A cowboy went to an insurance office to buy an insurance policy. "Have you ever had an accident?" asked the agent. "Nope," replied the cowboy. "But last summerr a bronk kicked in two of my ribs

, and a couple of years ago I was bitten on the ankle by a rattlesnake."

"Wouldn't you call those accidents?" the agent asked.

"Naw," the cowboy replied, "Those critters did that on purpose."

Many hands make light work

There's learning in doin'

Busy people don't have time to be Busy Bodies!!

If you aim at nothing, that's exactly what you'll get.

The person who never makes a mistake, is the person who never does anything!!

I'm going to close with an old one, but goodie! You can catch more flies with honey than you ever can with vinegar.

Wanda Clanch, KC5GTW

Japan to South Dakota on 6 meters

It may or may not be a new record, but two hams in one of the most sought after gridsquares in the United States have worked Japan on 6 meters.

The Grid Square in question EN13LM. It is located in Parker South Dakota and is the station location of Arliss Thompson, W7XU and his wife Holly, N0QJM. At about 2:45 UTC on June 19th that their odyssey of several trans-Pacific contacts began.

As Arliss reported over the W6YX VHF Reflector, he heard the KL7FZ 6 meter beacon in Alaska. This indicated that the band was open to the West so he called

CQ on 50.110 MHZ. Almost immediately he was answered by JA4MBM and they exchanged 5 by 3 reports.

"Initially just disbelief. Did he really say that! Then I worked him and was very surprised, very happy." Arliss Thompson, W7XU

W7XU says that he continued to hear bursts from other Japanese stations including JH6VXP, but it was not until 5 minutes past midnight UTC that he contacted JH6NKZ.

But the contacts did not end there. Arliss says that Holly also worked JH6NKZ at 00:08 and JA4MBM at 00:15 UTC. By the time Holly contacted JA4MBM, he was up to signal strength 5 by 4. This was the strongest signal heard from Japan at any point during the opening and also the last JA signal heard by Arliss and Holly.

Arliss says that while he has worked Europe on 6 meters but this is the first time he has contacted with Japan on the magic band. He says that at about 6000 miles, it's close to 2000 miles more distant than Europe from his South Dakota QTH. We will have more DX news with a 6 meter emphasis later on in this weeks report.

(Newsline, VHF Reflector)

Five more retests ordered

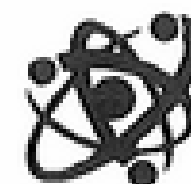
The FCC has ordered five more hams to sit for re-examinations or lose their licenses. Those being retested this time are from Vermont, Florida and northern California and represent the entire range of license

holders from Technician through Extra. The hams in Florida and California were given until July 30th to re-take their tests at an FCC Office. The Vermont amateur has until August 30th to re-take his exam in front of ARRL VEC team.

(FCC, Newsline)

**50 Watt UHF Transmitter w/ 4CX250B Tube
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OKlahoma DX Association

From Da'Editor...

By Nelson Derks, KC5QVV

As I write this month's column, Field Day is just a week away and it's raining like the old cliché about a cow and a flat rock. The static crashes on the lower HF bands are running 20 over and I hope this isn't a preview of next weekend. As last heard, it looks like the OKDXA will be represented by the infinitely capable team of Ed, NA5Bubba; Dave, W5AO; and KC5QVV providing comic relief. I suspect this will be an interesting crew and next month I plan to spin a few tall tales about our adventures. (anyone surprised by that is a newcomer to this newsletter) There was a rumor that Clectus, A5LID might drop off a barrel of ShaZamaHamaTronics DX Wax for a Field Day test, but this hasn't been confirmed. If not, we'll have to rely on our superior intelligence and peerless operating skills, which means I *really* hope Clectus shows up with the DX Wax!

Regardless, I do know we'll be hanging enough wire to put a solid RF presence on the air, or at least hold a small circus if the Field Day thing doesn't work out... Come to think of it, I've been to Field Days that reminded me of a circus, but that's another column... In any case, we plan to have Field Day Fun, make a few Q's, eat too much junk food, and work enough OM's to score near the top of our category in *QST* later this year. Not a bad way to spend the day and we're hoping to work a few OKDXA members along the way...

And, for those of you who don't recognize the Celebrity Mug Shot at the top of the Doctor DX column, the secret answer will be revealed in the OKDXA meeting at Ham Holiday '99, Saturday, July 24th... Ya' gotta show if you wanna know!

From Da'Prez...

By Bruce Burnette, K5PX

Due to a tragic scheduling accident on the weekend of the July C&E deadline, Bruce had to choose between writing another of his semi-fabulous columns, moving into his new house, or attending Field Day. Be sure to ask Bruce which he chose when you see

him at Ham Holiday '99... Hint: It was the most boring of the three. - KC5QVV

Secretary / Treasurer Report...

By Mark Byard, N5OG

July is upon us again and it's your last chance to nominate club officers! With all the rain we've had recently it hasn't seemed like the usual dry old Oklahoma summer. I guess this year is the humid, flash-flooding new Oklahoma summer!

• Last Call For Nominations!

It is also time for the OKDXA Meeting and Elections at the Ham Holiday '99 HamFest in OKC. The meeting will begin Saturday morning, July 24 at 10 AM. The HamFest will again be held in the Hobbies Arts and Crafts Building on the OKC State Fair Grounds.

As of press time we have consenting candidates nominated for three of our four officer positions. Larry Shima, W0PAN has agreed to stand as a nominee for the office of President. Our two current Vice Presidents, Lu Fisher, K5YP and Jerry Chouinard, K5YAA have also agreed to stand as nominees for their current offices. We still lack a nominee for the Secretary / Treasurer position. If you would consider standing as a nominee for this position please contact one of our current officers. If you know of someone who would agree to serve please contact them ASAP and twist their arm a bit! Yours Truly will be retiring after serving 6 years. Of course, nominations will be accepted from the floor and we have printed ballots with write-in spaces to accommodate this.

• E-Mail Updates

SHIMA, LARRY W0PAN
LJSDTS@aol.com

• OKDXA DX Banquet Scheduled

Jim Hood has been busy coordinating our 1999 OKDXA DX Banquet. This year's banquet will be held on Saturday, September 25th at the Midwest City Community Center in Midwest City, OK.

OKDXA members and DXpeditioners Frank Smith, AH0W and Alan Clark, N5PA have agreed to speak and show slides of their recent 3B9R, XZ, and 7Q DX operations.

We will be sending out a banquet flyer this summer which will contain all of the

details: Location, Time, Program, Menu, etc, etc. Please plan on attending.

• DXCC Desk Accepts Credit Cards

Just in case you are interested, you can now use your credit card to pay for DXCC submissions. This has been confirmed by DXCC Director Bill Moore, NC1L.

• Check Out Alan's Web Page

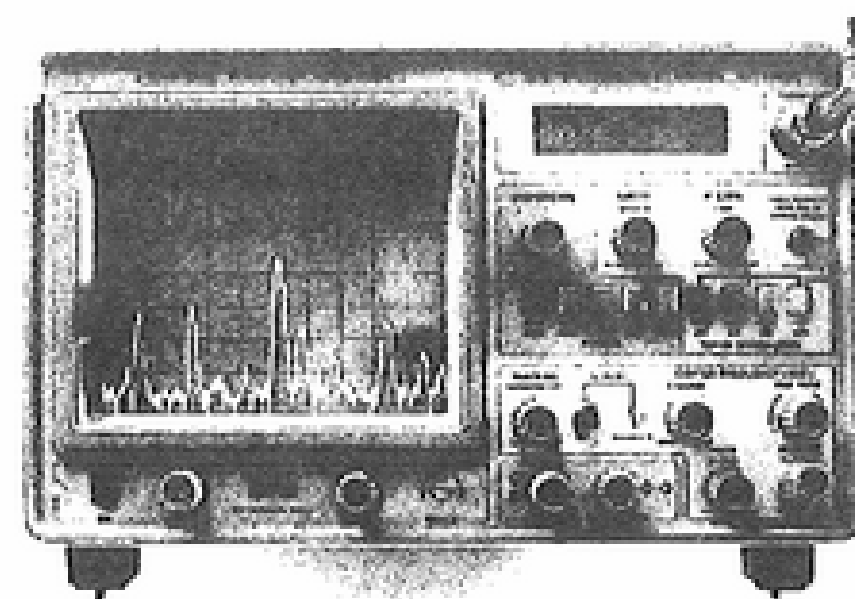
By the time you read this, OKDXA member Alan Clark, N5PA should be almost ready to return from 7Q land, Malawi. Alan invites you to check out his web page for pics and stories about his trip, and be sure to read his article near the end of this Newsletter. Log on to his page at <http://www.rocor.com/n5pa.html> then click on the links to the 7Q7PA pages and pictures.

• Paid Up Through September 2000

Talk about thinking ahead, several of our members are paid up through September 30, 2000. Here's the list in case you've forgotten:

\$40 - Eder, Joe KU5M
(paid in '98 for 2 yrs)
\$40 - Boyer, Craig AH9B
(paid in '98 for 2 yrs)
\$40 - Horn, Dave W5AO
(paid in '98 for 2 yrs)
\$10 - Eichenfeld, Merle W5IER
(paid in 3/99 for 00)
\$20 - Cox, Onis KC5RPC
(paid in 98 for 2 yrs)

Until the August Newsletter, 73 de N5OG



OPDX Bulletin – Internet Edition

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

3C0, ANNOBON ISLAND

The international team of Ramon, 3C1GS; Roberto, 3C1RV; Elmo, EA5BYP and Vicente, EA5YN plan a DXpedition to Annobon Island in early September 1999. All the permissions and transportation arrangements have been made to put this

rare new one on the air. The team will be joined by a PTT representative and will leave a complete station on the island. The call will be 3CØR and operate for 10 days. Activity will be 160-2 Meters, CW / SSB / RTTY. More information is available from any of the operators or these Web sites:

LYNX DX GROUP:

<http://web.jet.es/lynx>

CLIPPERTON DX CLUB

<http://www.multimania.com/cdxc/>

3XY, GUINEA (Look at this call!)

The "LNDX" reports that Robert, F5MKA (ex-TL8GR) has received the license and call 3XY1BØ (Three X-ray Yankee One Bravo Zero). He is active on 10, 15 and 20 Meters mainly on CW. QSL via F5XX.

4L, GEORGIA (6 Meter operation)

Omari, 4L5O is active on 6 Meters and will be there all summer. His station is a 5 element Yagi and 50 watts. He can be found daily between 50.110 and 50.130 MHz CW / SSB (no time given).

5U, NIGER

"The 59(9) DXReport" says Dan, AE4RP is active as 5U7DG until the summer of 2000 (or maybe 2001) and hopes to be on 160, 80 and 40 Meters soon. The "DX News Letter" states that Dan received his license in July 1998 and is the only radio amateur in the country. Dan runs 100 watts into a beam for 20 / 15 / 10M and longwire for 12 and 17 meters. QSL via K4SE.

7Q, MALAWI

Alan, N5PA will operate from Malawi July 3rd through July 13th as 7Q7PA. Alan will be active during the IARU DX Contest on July 10-11th. QSL via N5PA.

Editors Note: Alan Clark is an OKDXA Member and we're pleased to support this DXpedition... Please see the additional info later in this newsletter. - KC5QVV

7S5, SWEDEN

"The 59(9) DXReport" reports that special event station 7S5F will be active until December 31st by the Falu Radioklub, founded in 1924, to celebrate its 75th Anniversary. QSL via SK4AO.

9V, SINGAPORE

Steve, K9WO (ex VS6WO/VR2WO) has been in 9V-land for 20 months and has been issued the license and call of 9V1DX. No QSN's so far. QSL via KA9UQT.

BY, CHINA

The "DX News Sheet" reports that Jack, WB8SMV will be active until the end of July from several club stations including BY1DX in the AA CW Contest, and June 21st through July 14th from BY4LB in Qingdao. Activity will be mainly CW.

C6, BAHAMAS

Maurice, ON4BAM plans to be active from July 24-30th as MØCIL/C6A from Abaco Island. QSL via ON4BAM.

CU8, AZORES ISLAND

Look for Moreira, CT1AHU and Lionel, CU3EJ to be active July 21-31st from Flores Island (EU-089) as CU8/CT1AHU and CU8/CU3EJ. They will operate the IOTA Contest in the Island DXpedition class with the call CU8I. QSL to CU3EJ. They will also be active as CU3/CT1AHU, Terceira Island (EU-003).

E41 / E44 / 4X DXPEDITION

Hide, JM1LJS plans to operate from the Gaza Strip and West Bank from July 25th through August 2nd depending on his work schedule. He will operate in Israel until he receives the Palestine license. Activity is planned for 80-10 Meters CW / SSB with power limits of 500w in Palestine and 100w in Israel. Calls and QSL Mangers will be 4X/JM1LJS - QSL via JL2XUN, E41/JM1LJS (or E41JA) - QSL via JL2XUN (West Bank) and E44/JM1LJS (or E44JA) - QSL via VK4FW (Gaza).

EL, LIBERIA

Listen for Eric, EA5GIY to be active as EL2VO during June and July. QSL via EA5GIY.

FK, NEW CALEDONIA (IOTA)

"Les Nouvelles DX" reports that Jacques, F6BUM will be using FK/F6BUM from the main island (OC-032) August 9-21st. Activity will be CW / SSB and he plans to activate a few more nearby IOTA's. Listen for him from Ouvea Island (OC-033) August 22-24, Lifou Island (OC-033) August 25-30, Mare Island (OC-033) August 31 to September 2 and Pins Island (OC-032) September 3-5.

FS, SAINT MARTIN

Rob, PA5ET; Ronald, PA3EWP; Peter, PA4EA; Martin, PA4WM; Dennis, PA7FM; and Henk, PA3GCV will be active from here August 5-11th and sign FS/homecall. Activity will be on 160-6

Meters CW / SSB / RTTY / SSTV with special attention on the LF and WARC bands for Europe via three HF stations and one 6m station. QSL via PA5ET.

J8, ST. VINCENT

The "DX News Sheet" reports that Mike, GØGPX will be active until 2001 as J87AB using SSB on all bands, especially at 1100z on 18,147 kHz and 12 and 10 Meters. He is working as a missionary at Canouan. QSL direct. (FYI: Mike collects post cards for his XYL and daughter).

J49, CRETE (Special Prefix/Update)

Bob, I2WIJ has received the special call J49WI from Greece Telecommunication Ministry. He will operate from July 12-26th and also in the IOTA Contest with this call. QSL via his home call I2WIJ.

JY, JORDAN

Look for Pete, N3FNE to be active now through the summer of 2000 as JY9NE on HF and 6 Meters. QSL via home call.

KHØ, MARIANA ISLANDS

The members of JARL Kyoto Club will be active from Saipan Island (OC-086) July 19th through August 2nd with the following operators: N3JJ (JA3ART), AE4SU (JA3KWZ), K7IL (JF3PLF), N7EIU (JA3AJ), NH7V (JI3NST), KF8TW (JH3TXR), W8YAO (JA3YAO), JA3RR, JH3QNH, JH5IXG(YL) and JA3YAO. They did not give their KHØ calls, but will probably sign KHØ/home call. They plan to operate all HF bands plus 6 Meters (mainly 12, 10, and 6m) and the possibility of activity on 160 meters is "not zero". QSL via each CBA in JA, but also OK via the JARL QSL bureau.

KP2, U.S. VIRGIN ISLANDS

Listen for Dave, AG8L; Larry, K6RO; and Charlie, W6KK as WP2Z July 8-12th and during the IARU HF Championship, July 10-11th. Activity before and after the contest will be on all bands including 6 meters CW & SSB as KP2/home call. QSL WP2Z via KU9C; KP2/AG8L via NN6C; K6RO and W6KK via their home calls.

OX, GREENLAND

(The Biggest Island Expedition)

A member of the Belgian DXpedition Committee will be active during the next IOTA Contest (July 24-25th) from NA-018. Fred, ON6QR will operate in the capital city of Nuuk as OX3NUK. Activity will be CW & SSB on 5 bands during the

contest. Listen near the IOTA frequencies to catch Fred from Friday the 23rd until the contest. QSL via Mike, ON4GO. For more info see <http://www.ping.be/on6qr/> or Fred, ON6QR at on6qr@ping.be

R1, MALYJ VYSOTSKIJ

A press release from Jukka, OH2BR says: "A joint Finnish-Russian team of 25 operators will show serious activity from Malyj Vysotskij Island in July on all bands HF to UHF. The team has been issued the call R1MVA. In the IARU Contest, the special short call R1MV will be used." Activity will be from July 4-15th. The Finnish-Russian team includes: 8 Finns (OH2BR, OH5BM, OH5LZY, OH5NE, OH5PT, OH5SC, OH5UX and OH5YB) and 17 from the well-known Russian contest team RU1A (RU1AA, RW1AC, RV1AW, RX1AA, RN1AM, UA1BX, RA1ACJ, UA1ANA, RV1AC, RU1AS, UA1AAF, RA1ARZ, UA1ACC, RA1ARJ, RA1AIP, Alex and Vadim). Modes will be CW, SSB, RTTY, MS, EME, and Tropo (Aurora not wanted, hi!). HF equipment includes: (7) FT-1000MP+DVS-2, (1) FT-1000D, (1) TS-940 plus some spares and six linear amplifiers. Accessories include Dunestar filters and Heil Sound Pro headsets. HF antennas will be: Inverted L's for 160 and 80 Meters, 3 element beams for 40, 30 and 12 Meters, 4 element beams for 20 and 17 Meters, 5 element beam for 15 Meters, 7 element beam for 10 Meters and A3S, A3WS, R-7000 and wire antennas. They will have seven towers 10 to 20m high with Yaesu rotators and 6 generators of 2 to 7 kW. Their goal is to simultaneously operate CW / SSB / RTTY on all bands with propagation. Plans call for 9 to 12 operating positions. Suggested listening frequencies are:

CW 1.831, 3.510, 7.010, 10.111, 14.025, 18.071, 21.025, 24.891 and 28.025

SSB 1.845, 3.795, 7.045, 14.195, 14.295, 18.145, 21.295 and 28.495

RTTY 14.084

QSL Manager is Jukka Heikinheimo, OH2BR Rikunkuja 4, FI-01420 VANTAA, FINLAND (CBA not valid). There is little doubt his team will establish a strong presence on the bands!

T30 & T33, WEST KIRIBATI AND BANABA ISLAND (Update)

Tom, DL2RUM reports the team has received the following licenses for Kiribati later this year: T30Y, T30CW, T33Y and T33CW. This activity will be in October

and November. For further details visit the Web site at: <http://www.qsl.net/dl2rum/>

Concerning the trip to Banaba, the Berlin DX Group, lead by Sigi, DL7DF reports "Unfortunately we have no agreement with the airlines to carry our oversized baggage. The transportation is not the problem, but the extra costs are. We are still looking for support and donations. Who can help us? If you can support us, please contact us or visit <http://www.qsl.net/dl2rum/>

V6, MICRONESIA

"The 59(9) DXReport" reports Mike, GØVJK and Mike, G4VGO are planning to operate from Truk next year (February 14th-March 6th). They will concentrate on 160-40 Meter CW. More information will be forthcoming.

VK9L, LORD HOWE ISLAND

Nick, VK2ICV will be active as VK9LX from October 24th-November 2nd. He will be active in the 1999 CQWW SSB Contest as a Single Op / All Band entry. QSL via P.O. Box 730, Parramatta 2124, NSW Australia. There will be pre-contest activity on all bands. Send comments and questions to Nick at: vk9lx@qsl.net

VP2EREM, ANGUILLA

Jim, WB2REM will air this special call from the Island of Anguilla June 28th until July 8th. Listen for CW and SSB on 10-15-20 Meters. QSL via WB2REM.

VP9, BERMUDA

Ed, NØED will operate as VP9/NØED from July 15-25th and in the IOTA contest 24 hour CW section. Activity will be CW only on the WARC bands and 160 Meters, QRN permitting, before the contest. He will use "100 watts and a dipole" with hopes of working everyone who needs the multiplier. QSL via NØED.

YB, INDONESIA

Sanyi, HA7VK, diplomat at the Hungarian Embassy in Jakarta, has received official notice from the Indonesian authorities for a YB amateur license. The approval is part of the agreement between Hungary and Indonesia for reciprocal licensing. Listen for Sanyi using the call YBØAVK. Sanyi has been involved in this effort since October, 1998. More details to follow.

YW7, VENEZUELA

(Special Event IOTA) To celebrate 1999's "Venezuelan Navy Day" the Association of Radioamateurs of Venezuela (ARV)

and Grupo DX Caracas have organized their annual DXpedition. This year they will visit Coche Island (SA-012) and be active as YW7C from July 29th through August 1st, 1999. Activity will be SSB and CW. QSL via W4SO.

ZD8, ASCENSION ISLAND

Paul Hutley, KF4OOX became active as ZD8V on June 15th from Ascension Island in the South Atlantic Ocean. Paul is active from 1800-2400z on 10-20 Meters and can also be found on the 14.247 DX Net. He likes the DX nets and thinks they are fun. However, Paul spends most of his time on 10 meters around 28,495 kHz and reports he needs 8 more states for WAS. Paul will have scouts on the island for JOTA and will call and take calls from anyone. But, in the past when a ZD8 station has tried to support "Kid's Day or JOTA" adult Hams have tried to contact the ZD8 station. Paul requests "Please, if we are trying to support the kids, then let us do that and wait for another day for the ZD8 contact. The children do not find this enjoyable and it can set them against Ham Radio."

IOTA NEWS

AS-093 The Yonsei Amateur Radio Research Association (YARRA), HLØY of Yonsei University is planning their 18th DXpedition to Hukusan Island. They will sign HLØY/4 from July 23-30th on 40-10 Meters (including WARC) CW / SSB / RTTY. QSL via YARRA (HLØY), Yonsei Univ. 134 Shinchon-dong, Seodaemoon-gu Seoul, South Korea.

EU-008 A team from the Cockenzie and Port Seton ARC's near Edinburgh, Scotland will be active on the Isle of Tiree (IOTA - EU-008, IOSA - NH4, WAB - NM04), the most westerly of the Inner Hebrides, for the "1999 Islands On The Air Contest". Arriving on the morning of July 23rd, they plan to be active by the afternoon. Listen for 2AØCCC/P during the contest (1200-1200z July 24th/25th) on 3.5, 7, 14, 21 and 28 MHz using both SSB and CW. Fred Roe, GMØALS has agreed to act as QSL Manager for the expedition.

EU-008 GM4FDM, GM4YMA, GMØUKZ, GMØNAI, GM3NIG, 2M1EDM and GM3COB will activate 2S5VG/P from the Island of Gigha off the west coast of Scotland during the IOTA Contest. Listen for activity beginning on the Monday prior to the Contest. QSL to GM3UTQ direct or via the bureau.

EU-051 Carlo, I4ALU will be active from Ustica Island as IE9/I4ALU from August 8-20th. Activity will be on all bands CW only. QSL via bureau or home call.

EU-065 The UBA Section Gulden Spoor Kortrijk KTK, IOTA DXpedition team known locally as the Minquiers Boys, announce preparations are well in hand for their 1999 activity on Isle d'Ouessant before, during and after the 1999 IOTA Contest. They are awaiting confirmation of the calls TM5K and TM5ON. They plan to use TM5K during the 1999 IOTA contest and TM5ON outside the contest. QSL via ON4ON Danny Commeyne via the ON bureau or direct to Danny Commeyne, Rozenlaan 38, 8890 Dadizele, Belgium.

EU-094 The "LNDX" reports operators F5LMJ, G0LMX/F5MBO and F6GIN will be active from Glenan Islands (EU-094) for the IOTA contest. They will arrive on July 23rd and leave on the 26th.

EU-129 The DLØHRO team will operate in the 1999 IOTA Contest from Usedom Island. They will be active before the contest and work mainly CW on the WARC bands. QSL via DL3KUD.

NA-038 Two members of the LOOS DX Gang will be going to Quebec this summer to activate Madeleine Island from August 11-14th. Another CISA is possible with activity from Prince Edward Island.

NA-169 The Western Washington DX Club and the Island County (WA) ARC will activate Waadah Island during the IOTA Contest weekend. They will set up two stations July 22nd, operate during the contest, and then stay until the 27th when their landing permit expires. For more info E-mail N6HR at: hraamat@whidbey.net

SA-018 The "TEMUCO RADIO CLUB" (CE6TC) has organized a DXpedition to Quinchao Island in Chiloe Archipelago. The operators will sign CE6TC/p July 20-25th and participate in the RSGB IOTA Contest. QSL via CE6TC, Box 1234, Temuco Chile or via bureau. Their web page is <http://www.qsl.net/ce6tbn>

MISCELLANEOUS NEWS

CARIBBEAN TOUR

Ronald, PA3EWP; Henk, PA3GCV; Peter, PA4EA; Martin, PA4WM; Dennis, PA7FM; and Rob, PA5ET are proud to announce their "Caribbean Tour for 1999". They will visit St.Maarten (PJ5), St.Martin

(FS), Nevis (V4) and Anguilla (VP2E). Calls will be their home calls followed by the prefix except for Nevis which will be a V47 call to be assigned on arrival. Their schedule is August 5-11th for St.Maarten and St. Martin (mobile); August 11-18th Nevis; and August 18-25th Anguilla. The team plans 3 HF stations and a combined HF/6 Meter station on CW, SSB & RTTY. QSL via PA5ET (ex PA3ERC) Rob Snieder, Van Leeuwenstraat 137, 2273 VS Voorburg, The Netherlands. Visit them at: <http://www.muurkrant.com/pi4com/tour99/index.html>

CAVE EXPLORATION EXPEDITION PERU '99

Bonnie, KQ6XA will sign OA/KQ6XA and participate in exploration and mapping of previously unknown deep caves in the remote area of the Andes Mountains. Using only solar powered gear, Bonnie will be active on 160-10M CW & SSB July 20th through August 20th and invites amateurs to make a sked with USA and Peru operators. For more details visit her interesting site: <http://www.qsl.net/kq6xa>

DX LOGS ON LINE

The following new logs are now online at: <http://dx.qsl.net/logs>

3B8/K5KG	(April thru May, 1998)
J41TEN	(March 1998)
DS5DNO	(thru June 14, 1999)
SV1DNW	(thru June 12, 1999)
DX1DX	(thru June 3, 1999)
SV9/G3AKF	(May thru Oct, 1998)
DX100DX	(October 1998)
VQ9CV	(thru June 7, 1999)

OJØ & OHØ, MARKET REEF AND ALAND ISLAND (Update)

Dennis, K7BV and the Finnish crew finished their OJØ operation Friday, May 28th. Their totals from Market Reef were OJØ/K7BV - 6,000 QSOs and OJØVR - 2,000 QSOs. In the CQ WPX CW Contest, Dennis operated as OHØZ with 2,988 QSOs and 808 multipliers for a score of 5.8 million. QSL via KU9C.

OJØ, MARKET REEF

With the current activity from here, Gerben, PA5NT reports he was on Market Reef in 1983 and has constructed a Web story / page about his trip with additional information about the reef. If you would like to see pictures and details about OJØ Land, visit the Web page: <http://dx.to>

PACIFIC DXPEDITION

Roberto, EA4DX will be active again from the Pacific. This time from Tuvalu (T2) and Fiji (3D2) during August & September 1999. His schedule is: **T2** - Funafuti, Tuvalu (call issued on arrival) August 26th through September 11th. **3D2** - Viti Levu, Fiji signing 3D2DX/P from September 13-16th. Activity on all bands 80-10 Meters including WARC on the usual SSB DX frequencies. His equipment includes Yagis for 10-12-15-17-20 and a vertical for 40-80 meters plus a 1 kW amplifier. QSL via EA4CP CBA. More info to come later.

CY9, ST. PAUL ISLAND

Dan, K8RF & Doug, K4LT have returned from their CY9RF operation after an exhausting trip fraught with problems and good accomplishments! They originally planned a major operation with a group of six top notch operators in the CQ WPX CW Contest as a Multi-Multi entry. But, Dan and Doug entered the WPX CW Contest as a Multi-Single and made 4,840 QSO's during the Contest, then another 1,500-2,000 QSO's before and after the WPX Contest. Their M/S score was some 14.4 million and it looks like a possible new M/S World record!

HS, THAILAND

There have been reports that Thailand's PTD has authorized HS stations to operate on 160 and 80 meters during any contests through December 1999.

SPECIAL PREFIX / EVENT

Listen for PS4ØØNAT to be active until December 31st to commemorate the 400th anniversary of Natal City in Brazil. Activity will be 20 Meters SSB only. Rony, PS7AB states: "Please, be patient because I have only a dipole antenna and my English is bad." QSL via PY Bureau, or PS7AB, Rony Reis, PO Box 2021, Natal/RN, 59094-970, Brazil.

RADIO SILENCE FOR YB'S

Akhmad, YB4JIM reported that because of the election event in Indonesia, "all YBs stations were signed off (radio silence) from June 1- June 11, 1999". And you thought it was weird when they used to close the bars...

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

7Q7PA DXpedition:

*Received via E-Mail on Tuesday, June 1, 1999
from Alan Clark, N5PA*

One month from today I'll be leaving for Malawi to operate as 7Q7PA. We should arrive in Blantyre late on the 3rd of July. Our flight takes us from Oklahoma City to Dallas, and then to Miami for an 18 hour flight to Cape Town, South Africa. From Cape Town we'll fly to Johannesburg and arrive around 6:00 pm local time. On the following morning of July 3rd, we'll take a three-hour flight to Blantyre, Malawi. The Airbus 310 will land on a 3,500' runway, which could be quite a landing. We expect to arrive at the compound where we'll be staying around 4:00 p.m. local time.

I hope to get on the air within a couple of hours after our arrival. I'll be using my new Icom 706 MK II G, an MFJ 25 amp switching PS (3.5 pounds), an Alpha Delta 40-10 Meter wire antenna and coax. Since the 706 has a built in keyer, I will take my Paddlelite Paddle which weighs about 1 ounce. I put a temporary 20 Meter dipole up this weekend and got the Icom on the air for the first time. It really works well and at 5.5 pounds it will be easy to carry.

Blantyre, Malawi is 7 hours ahead of Central Daylight Time. Most days I will be operating from 4:00 to 6:00 UTC and again from 16:00 to 23:00 UTC. I will try and get on the air from 16:00 to 23:00 UTC on the day I arrive, July 3rd. I will be operating during the IARU DX Contest on July 10-11. I hope to operate 10-12 hours during the contest. On Monday the 12th I will operate my normal times, but we will be going to the Malawi National Wildlife Park near Liwonde, Malawi. This is on the Shire River (pronounced shi-RE) and is the river Livingston traveled to discover "The Great Lake", which is Lake Malawi. You find wildlife only in the parks in this part of Africa. On July 13th I will be able to operate from about 4:00 to 8:00 UTC.

We will leave Blantyre at 11:00 UTC on the 13th and arrive in Oklahoma City 30 hours later. I hope band conditions are better this year than they were last August and September. I will keep a special ear out for the five calls and would really like to thank the Oklahoma DX Association for the donation they made toward my QSL Cards and mailing expenses. On my return I will be picking out a picture for the QSL cards. Thanks again for your support and be sure to listen for 7Q7PA.

73's de Alan Clark, N5PA / 7Q7PA

**Doctor DX...**

Dear Doctor DX:

I've heard the OKDXA likes to put on a classy Field Day and always operates in style... Is this true?

Signed: Fire Ant ARC Member

Dear Insect:

There's no denying the Field Day Fame of the OKDXA has grown to monumental proportions, some dare say legendary, but like most tales of our DXcellent activities, some of what you've heard might be just a bit exaggerated... Our theme for this year is 'Arabian DX Nights' and here's the proposed schedule for FD 1999, OKDXA Style... You decide if the rumors are true.

10:00 AM Mid-Continent Steel arrives with six 200' cranes to install an array of twenty one towers in a phase-rotatable all band Log Periodic Vertical as designed by Continental Electronics for the VOA. Computer modeling predicts a forward gain of 23.5 dBi in 15 degree steps with better than 126 dB of isolation per band.

10:15 AM Since ARRL Rules require all FD equipment be within a 1,000' circle, installation begins on the 999 foot elevated bonded copper screen ground plane.

10:30 AM PSO and OG&E crews arrive with six each field-portable generators and begin wiring them into a 440 volt, three-phase, 7.5 megawatt power grid.

11:00 AM The Rockwell-Collins semi trailer arrives with the transmitting gear.

11:10 AM The Rhode & Schwarz semi trailer arrives with the receiving gear.

11:20 AM The Tektronix and Hewlett-Packard semi trailers arrive with the automation, telemetry & monitoring gear.

11:30 AM Omar The Caterer arrives with the air-conditioned tents and food service

equipment. Each operating position is fully staffed by nubile red-haired servant girls who cater to every whim of the FD OM's and refer to them as 'Your DXcellency'. A brace of Egyptian eunuchs with feathered fans will assure that not one drop of perspiration moistens the brow of any club member, no matter how intense the pileup.

11:45 AM Hughes Telecommunications installs the uplink to Galaxy VI for relay of log entries in real-time to ARRL FD HQ in Newington, CT.

12:00 PM Luncheon is Served. Today's menu features an international assortment of gourmet delights as exotic as the DX every OKDXA Member is accustomed to: Sake No Koganeyaki, Agnolotti di Ricotta e Spinaci, Polo Al Limone, Cous-Cous, Boeuf Bourguignonne, Tartare des Deux Saumons and Schwarzwald Kirschtorte. For those who prefer a more traditional FD lunch, choose the Marinated Roasted Rack of Lamb and Stuffed Mushrooms with Bananas Foster for desert... Yummm!

12:05 PM Removal of slack-jawed FD interlopers from the dining tent.

12:30 PM NASA begins 'Operation OK DX Propagation' where 3.7 metric tons of finely powdered Aluminum DX'illate is released from the Space Shuttle Atlantis during an East-West orbit to enhance F-Layer reflectivity. Twelve hours later an additional 3.3 metric tons is released on a North-South orbit to minimize log dupes. Solar Flux readings in excess of 300 are predicted along many long-path routes...

12:45 PM Final checks of the operating positions by the OKDXA FD Crew with confirmation of the performance proofs and NIST traceable calibration as verified by the factory technicians.

12:57 PM Thanks to an FCC waiver approved in a bipartisan vote of Congress, plus an Executive Order from the White House, NN5Z takes the air on all six HF bands to signal the start of Field Day by playing The National Anthem at the 10kW level. This assures clear frequencies and makes it easier for the teeming throngs of Hams throughout the world searching for the FD QSO of their dreams to find the OKDXA. The US Marine Corps Band and The Mormon Tabernacle Choir will perform the Anthem live with special guest soloist Barbra Streisand. Woe and Doom unto anyone who dares QRM, as FBI Field Agents will be on nationwide standby to deal with those so foolish...

1:00:00.01 PM "QRZ FD de NN5Z".

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Have some DX News? Contact Nelson Derks, KC5QVV, 13410 South 128th East Ave. Broken Arrow, OK 74011

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

OKDXA Net - Every Saturday Morning at 9AM - (except major HamFest & Contest weekends) on 3860 kHz +QRM

Harry Dannels, W2HD retiring from ham radio convention circuit

A name synonymous with Amateur Radio for the better part of five decades has announced that he is stepping out of the ham radio spotlight. This as former ARRL President Harry Dannels, W2HD, makes known his plans to devote more of his time to family and just having fun on the air.

Dannels, who turned 72 in April, made the announcement at the recent Rochester Hamfest banquet. This is an event which he has presided over for the past twenty plus years. Newsline caught up with W2HD after the show and asked why he picked 1999 to say good-bye to the

convention circuit:

"I'm not going to retire. I couldn't. Ham Radio has been a big part of my life. I'm a son of a ham. The father of two. The brother of two. and friends with so many others. I could never really quite.

It's just the travel from here to where ever I have to go." Harry Dannels, W2HD

Dannels grew up and spent most of his life on Long Island, New York. Several years ago he retired to the Charlottesville, Virginia area. He says that the place is great, but its not all that easy to travel in and out of. Hence, part of the reason for his decision to spend more time at home:

"Charlottesville is a little place. I've got to

take a commuter/grasshopper airline to get any place out of here. And then there is another wait. And the same old problem to get home from Rochester. And it just gets to you after a while." Dannels W2HD says that there is one thing that he is really going to miss:

"The biggest thing that I will miss, without any exception is the opportunity to meet so many of my old friends the second, third, fourth, fifth, tenth times, whatever it would be. That will be the real problem for me." Dannels

What about the future:

"Well I have so many little things that I play with in ham radio. I'm involved a little bit with the APRS Program that they have here in town. And I enjoy it. I enjoy the facets of Amateur Radio that have come into being with the changes that we've had. I think that technology keeps on drawing me closer to further interests." Dannels

W2HD did tell Newsline that he may make one final appearance. This, at next years combined Dayton Hamvention and ARRL National Convention. Meantime we at Newsline join with the rest of Amateur Radio in saying -- well done W2HD.

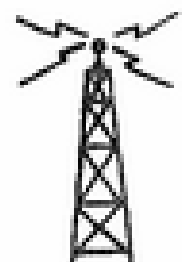
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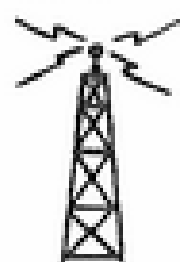
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A. R. R. L. Bulletins

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

Special Bulletin 3
June 18, 1999

CLOVER Inventor, Ray Petit, W7GHH, SK

CLOVER inventor Ray Petit, W7GHH, died June 13, 1999, at his home in Oak Harbor, Washington. He was 55. According to his close friend Ed Bixby, AK0X, Petit suffered a stroke in early March caused by a brain tumor that left him mostly paralyzed. Continuing growth of the tumor resulted in additional strokes that finally took his life.

CLOVER is a digital communications protocol designed for use on the HF bands that's found wide application in commercial and amateur communication.

Petit was well-known and respected within the Amateur Radio digital community. "Ray was a real gentleman and he will be missed," said QST Digital Dimensions Editor Stan Horzepa, WA1LOU. An ARRL member for more than 27 years, Petit had authored several articles for QST and QEX on CLOVER and coherent CW, among other topics.

Petit is survived by his wife, Joyce, two brothers and a sister.

ARRL Bulletin 41
June 22, 1999

FCC sets new vanity fee

The fee to apply for an Amateur Radio vanity call sign will increase from \$13 to \$14 starting September 10, 1999.

The FCC has released its FY 1999 fee schedule which rounded down the proposed \$1.42 per year fee.

The FCC continues to receive in excess of 1000 vanity applications per month.

ARRL Bulletin 40
June 22, 1999

No question pool changes--yet

No Amateur Radio examination question pool or question changes will occur July 1 for any license class--including Advanced.

Last September, the National Conference of Volunteer Examiner Coordinators' Question Pool Committee announced that all question pool updates were being put on hold until after the FCC had acted on Amateur Radio restructuring (officially known as the Part 97 Biennial Review). Until the September NCVEC QPC announcement, the Advanced class question pool had been scheduled to expire at midnight on June 30, 1999.

Current examination questions and study materials remain valid until further notice.

ARRL Bulletin 39
June 18, 1999

Multiple call sign holders could face fines

The FCC's Riley Hollingsworth, K4ZDH, says the Commission may have to resort to fines to curb the practice of hoarding multiple club station call signs. "The reason we're concerned about this is that we consider it an abuse of our licensing processes," said Hollingsworth, an FCC legal adviser for enforcement. "If somebody applies for 30 or 40 licenses over time, it really overloads the staff." Hollingsworth pointed out that the call signs often must be typed in manually.

"If we have continued abuse, we're going to have to levy some forfeitures, which we have done in the past for abuse of Commission processes," he said. "With short staff and budget considerations, we just can't let things like this go on."

Earlier this month, a ham listed as the trustee for more than three dozen club station call signs agreed to give up all but one of them. Motoaki Uotome, JA1GZV, who also holds a US Extra ticket as W9BO, apparently was the trustee of 41 club station call signs. Last month, the FCC set aside 14 recently granted club station call signs and 12 recently granted club vanity call signs Uotome held and asked him to justify the grants.

Hollingsworth concedes that the FCC rules

do not specify an upper limit to the number of call signs an individual may hold, but says "the underpinning of the rules is common sense." He recommended that multiple call sign holders seriously consider turning in their excess grants before they hear from the FCC, "because we will be pursuing them."

In addition to the Uotome case, the FCC has contacted amateurs in California and Arizona who hold several club station call signs and has asked them to justify having them. News of the cases already has had an impact. "We've had several others come in on a voluntary basis and turn their excess number in," Hollingsworth said.

The FCC says the two-year rule applies for those seeking to obtain one of the desirable call signs being yielded or called back by the FCC, and Hollingsworth plans to specify a date of cancellation on each letter to a holder so that it will be clear when the two years are up.

"We're also going let them know they can't reclaim any of these call signs under former call sign holder exceptions to the two-year period," he said. Close relatives also would be unable to claim any of the call signs in the future.



ARRL Bulletin 38
June 8, 1999

Easy Operation Overseas Now a Reality for US Hams

The FCC has implemented the European Conference of Postal and Telecommunications Administrations (CEPT) Recommendation T/R 61-01 that eliminates the need to obtain a special license or permit for US hams wishing to operate during brief visits to most European countries. In addition, the ARRL has begun issuing International Amateur Radio Permits to simplify operation by US

hams in certain South American countries.

The FCC put the final pieces of the CEPT arrangement into place June 7 by issuing a Public Notice in English, German, and French that spells out the basic information about Amateur Radio operation in CEPT countries. To operate in a CEPT country, US hams only need a copy of the Notice, their original Amateur Radio document, and proof of US citizenship (a US-issued passport or a birth certificate should suffice).

US hams holding any license class but Novice are eligible to operate in CEPT countries. A US citizen with a Technician ticket may be authorized privileges equivalent to a CEPT Class 2 (ie, VHF-only) license, while a US citizen holding a higher class license may be authorized CEPT Class 1 (ie, all amateur and amateur-satellite) privileges.

The authorization is for use of a portable or mobile station only, including stations set up at hotels or a camping site. Authorization is also granted for US hams to operate the stations of permanent licensees in host countries. The use of Amateur Radio aboard an aircraft is not allowed, however.

To identify while overseas, US stations will use their assigned call signs preceded by the CEPT call sign prefix for the country or territory visited. US licensees operating under this agreement overseas cannot request protection against harmful interference.

Operators must abide by the provisions of the ITU Radio Regulations as well as CEPT Recommendation T/R 61-01 and the regulations in force in the host country. US operators planning to operate in other countries must become familiar with that

country's regulations and frequency allocations, paying special attention to regional differences.

Participating CEPT countries as of June 7 include Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France (including Corsica, Guadeloupe, Guiana, Martinique, St Bartholomew, St Pierre et Miquelon, St Martin, and Reunion/Dependencies), Germany, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Monaco, Netherlands, Norway, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, and the United Kingdom (including Great Britain, Northern Ireland, the Channel Islands, and the Isle of Man).

The ARRL has begun issuing the International Amateur Radio Permit (IARP) that allows US amateurs to operate from Argentina, Brazil, Peru, Uruguay, and Venezuela without having to obtain a special license (the US and Canada also are CITEL signatories). The IARP is valid in any country that is a signatory to the CITEL Amateur Convention.

The Class 1 IARP--available to Tech Plus and higher class licensees--requires knowledge of Morse code and carries all operating privileges. The Class 2 IARP--equivalent to the US Technician ticket--does not require knowledge of Morse code and carries all privileges above 30 MHz. An IARP is not a license, but it certifies the existence of a license.

Complete information on CEPT and IARP operation, including an IARP application form and a copy of the FCC Public Notice on CEPT, is available from the International Operating page on

ARRLWeb, <http://www.arrl.org/field/regulations/io/>.

The new procedures affect operation only in participating CEPT (European) and CITEL (Central and South American) countries. They do not change the procedures for US hams wishing to operate overseas in countries that are not CEPT participants or CITEL Amateur Convention signatories. Information on operation from these countries also is available on the pages of ARRLWeb.

ARRL Bulletin 36

June 2, 1999

Hurricane Watch Net to Prepare for 1999 Season

The National Hurricane Center in Miami, Florida, is inviting amateurs to participate in a communication preparedness exercise this coming weekend to kick off the 1999 hurricane season.

Amateurs are asked to check into the Hurricane Watch Net on 14.325 MHz on Saturday, June 5, 1999, 1800-2000 UTC. Stations are requested to provide a real-time report of their current weather conditions, including wind speed, wind direction, and barometric pressure. Measured conditions are preferred, but estimated wind speeds are acceptable.

These reports will be forwarded to W4EHW at the National Hurricane Center. W4EHW will be on frequency. Stations do not need to continue monitoring the net once their reports have been forwarded to the National Hurricane Center.

The manager of the Hurricane Watch Net Manager is Jerry Herman, N3BDW.

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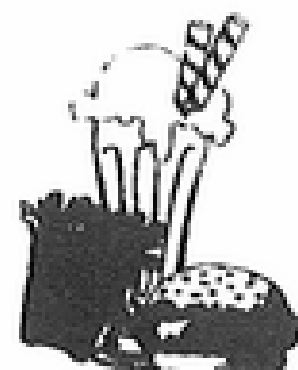
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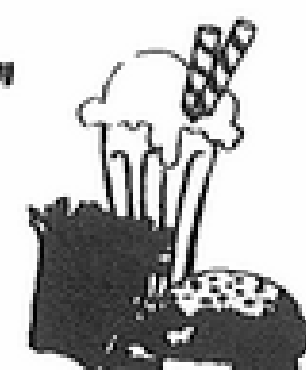
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Up Coming Events

May 8, 1999 Lake Eufaula Hamfest, J.I. Stipe Recreation Center 801 North 9th McAlester, Oklahoma 74501 8am til 3:30 Talk-In 145.370 -600 Free Admission, Tables \$10.00, VE Testing at 1pm.

ANNOUNCEMENTS

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

VE exams on 3rd Saturday of each month are held at 9:00 a.m. at Southern Temple Baptist Church, 1821 S High, OKC. Talk in on 146.76 MHz. For more information you can contact Audie, AA5GB @ 799-9916.

VE exams held by appointment only, on 4th Tuesday of each month at 6:00 p.m. in the Shawnee Public Library, 101 N. Philadelphia. Call J. W. Drummond at 275-3935 for more information.

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

VE exams on 2nd Saturday of each month are held at 10:00 A.M. after the SCARS meeting at the American Red Cross in on Westheimer Airport in Norman. Contact Jim Copeland, NW0K at 329-1681 or e-mail jimhelps@juno.com for more information.

VE exams on 4th Tuesday of even months are held at 6:30 p.m. at the Altus Vo-Tech

in Altus, OK. Contact George Mateyo, N1GM for details.

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

VE exams in Enid are done on odd months starting with the month of January. On the 2nd Saturday at 10:00 AM at the Oklahoma Natural Gas Co located at the corner of HY412 & Garland Rd., across east from Atwoods store. The testing is PREREGISTER ONLY. Contact Dick NJ5S 580- 233-9869

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

VE exams on the 1st Sunday of each month at the American Red Cross 6th and Lincoln for more information call Jim, N5BEQ at 232-2299.

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

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

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

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

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

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

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

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

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

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

Oklahoma Training Net - Daily @ 0000Z on 3692.5 kHz (CW Net)

Oklahoma Section Net - Daily @ 0030Z on 3692.5 kHz

On the Air

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

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

6 meter check in 52.525 Mhz simplex

Packet check-in on 145.07

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

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

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

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

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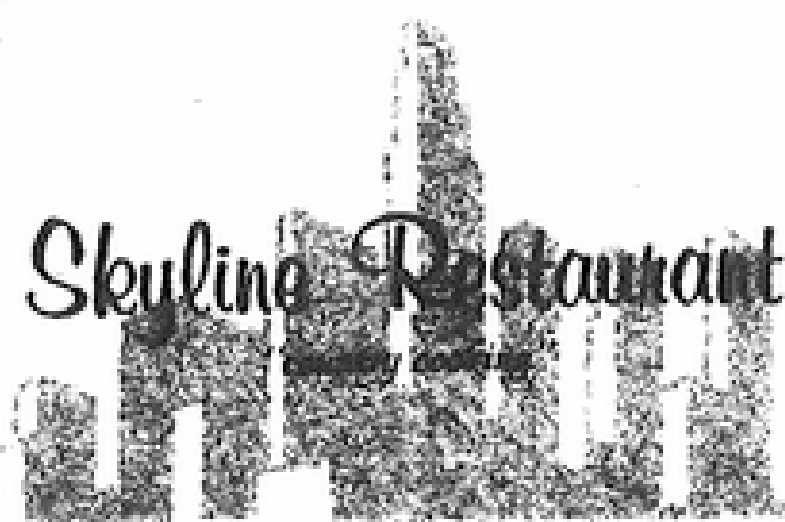
DEL CITY
4700 E. Reno
Del City, OK 73117
(405) 677-6026
FAX (405) 677-7023

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

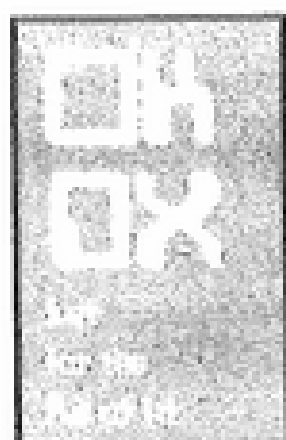
MUSTANG
400 W. Highway 152
Mustang, OK 73064
(405) 376-2846
Fax (405) 376-2846

1631 SE 15th

677-9001



Bryan, Cindy, Jennifer and Jessica



26TH Annual HAM HOLIDAY 1999 Black gold

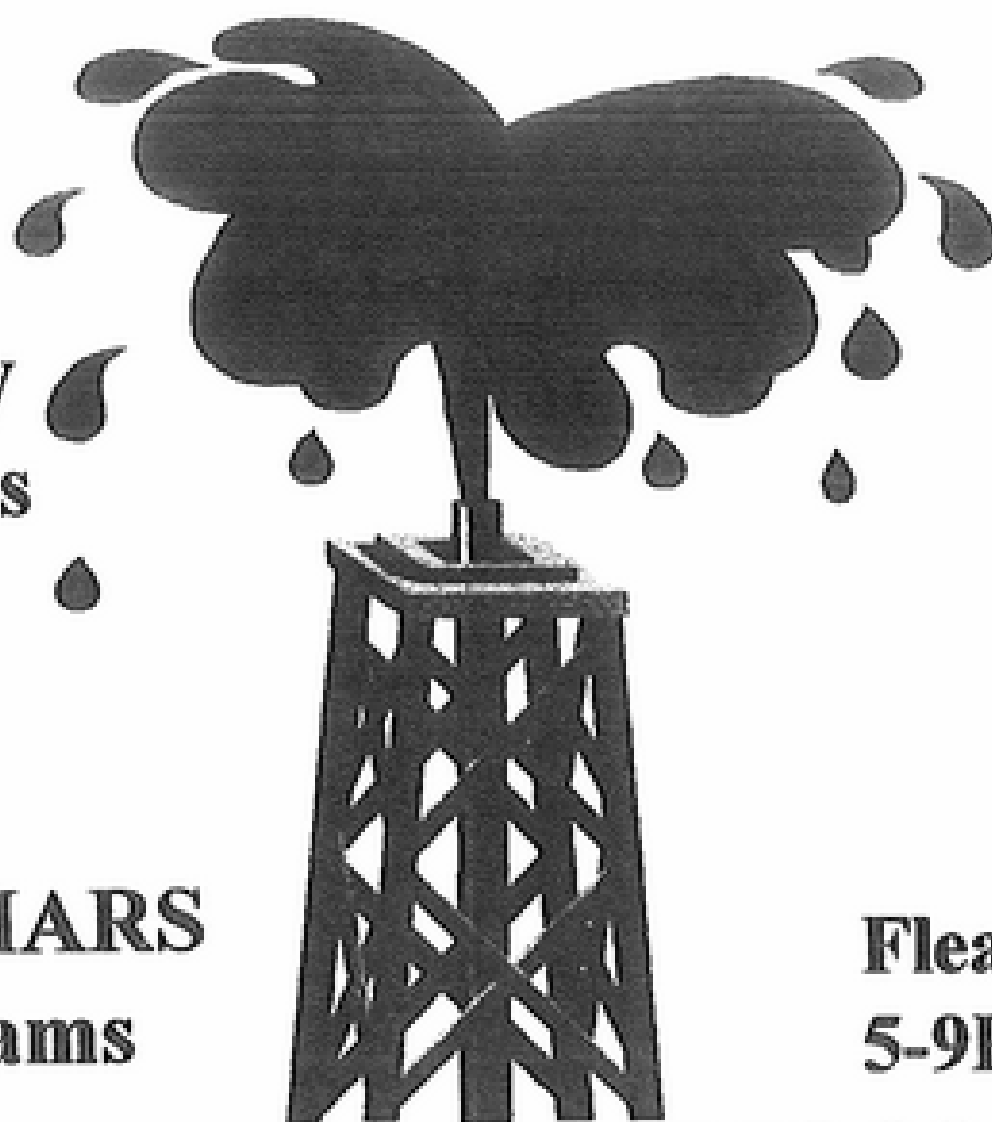


OKLAHOMA CITY APRL sanctioned Hamfest



Large Flea Market
Lots of Dealers
V.E. Testing Saturday
Forums and Programs
RF Foxhunts
Ladies Programs

OKDXA, AMSAT, MARS
ARES, Packet Programs



Prizes and
Silent Auctions
held all weekend

Flea Market setup
starting at noon
Friday and 7AM
Saturday

Flea Market open to public
5-9PM Fri, 8AM-4PM Sat

**FRIDAY NIGHT JULY 23rd AND
ALL DAY SATURDAY JULY 24th ,1999
OKLA STATE FAIR GROUNDS
HOBBIES ARTS & CRAFTS BLDG**

Pre Registration to the convention \$7 , Registration at door \$9, Tables \$15 at door (if available)
No Vehicles allowed in building after 3PM Friday

Name _____ Call Sign _____ Year 1st Licensed _____
Additional Name _____ Call Sign _____
Address _____ City _____ St _____ Zip _____
No. of people attending _____ @\$7 _____
No. of Flea Market Tables _____ @\$10 Add \$5.00 to each table for access to AC \$ _____
No. of Scholarship Donation Tickets @\$2 ea or 3 for \$5 _____

Pre-registration ends July 19,1998

Total _____

Tickets only mailed back if you enclose SASE

Make checks payable to C.O.R.A. and mail to

CORA HAM HOLIDAY P.O. Box 850551 Yukon, OK 73085-0551

For more info Visit our Website WWW.Geocities.com/Heartland/7332



July 18 - August 28, 1999

CORA Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<i>July 18</i> 2:00 PM Edmond ARS	<i>July 19</i> 6:00 PM CORA VE Exams 7:00 PM Choctaw ARC	<i>July 20</i> 7:30 PM Oklahoma City APA	<i>July 21</i>	<i>July 22</i> 7:00 PM Emid ARC	<i>July 23</i> 5:00 PM Ham Holiday '99	<i>July 24</i> 8:00 AM Ham Holiday '99
<i>July 25</i>	<i>July 26</i> 6:00 PM Shawnee VE Exams	<i>July 27</i> 7:30 PM CORA Meeting	<i>July 28</i>	<i>July 29</i>	<i>July 30</i> 5:00 PM Collector and Emitter Deadline	<i>July 31</i>
<i>August 1</i> 2:00 PM Red Cross Ve Exams	<i>August 2</i> 7:30 PM Broken Arrow ARC	<i>August 3</i>	<i>August 4</i>	<i>August 5</i> 7:00 PM Aeronautical Center ARC 7:30 PM Cimmarron ARA	<i>August 6</i>	<i>August 7</i> 9:30 AM BAARC Ve Exams 10:00 AM Ada ARC 2:30 PM Vinita VE Exams
<i>August 8</i> 2:30 PM Wheatstraw ARC	<i>August 9</i>	<i>August 10</i>	<i>August 11</i> 11:00 AM OK VHF ARC	<i>August 12</i> 7:00 PM Altus Area ARA 7:00 PM Tri-State ARG	<i>August 13</i>	<i>August 14</i> 9:30 AM S. Canadian ARS 10:00 AM EAARC Ve Exams 10:00 AM SCARS VE Exams 3:00 PM Stillwater VE Exams
<i>August 15</i>	<i>August 16</i> 6:00 PM CORA VE Exams 7:00 PM Choctaw ARC	<i>August 17</i> 7:30 PM Oklahoma City APA	<i>August 18</i>	<i>August 19</i>	<i>August 20</i>	<i>August 21</i> 9:00 AM SBC VE Exams
<i>August 22</i>	<i>August 23</i>	<i>August 24</i> 7:30 PM CORA Meeting	<i>August 25</i>	<i>August 26</i> 7:00 PM Emid ARC	<i>August 27</i> 5:00 PM Collector and Emitter Deadline	<i>August 28</i>

June						
S	M	T	W	T	F	S
	1	2	3	4	5	
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13	14	15	16	17	18	19
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27	28	29	30			

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

August						
S	M	T	W	T	F	S
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

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