

Collector & Emitter

A CORA Publication

November 1997

Volume 23, Number 11

Issue 273

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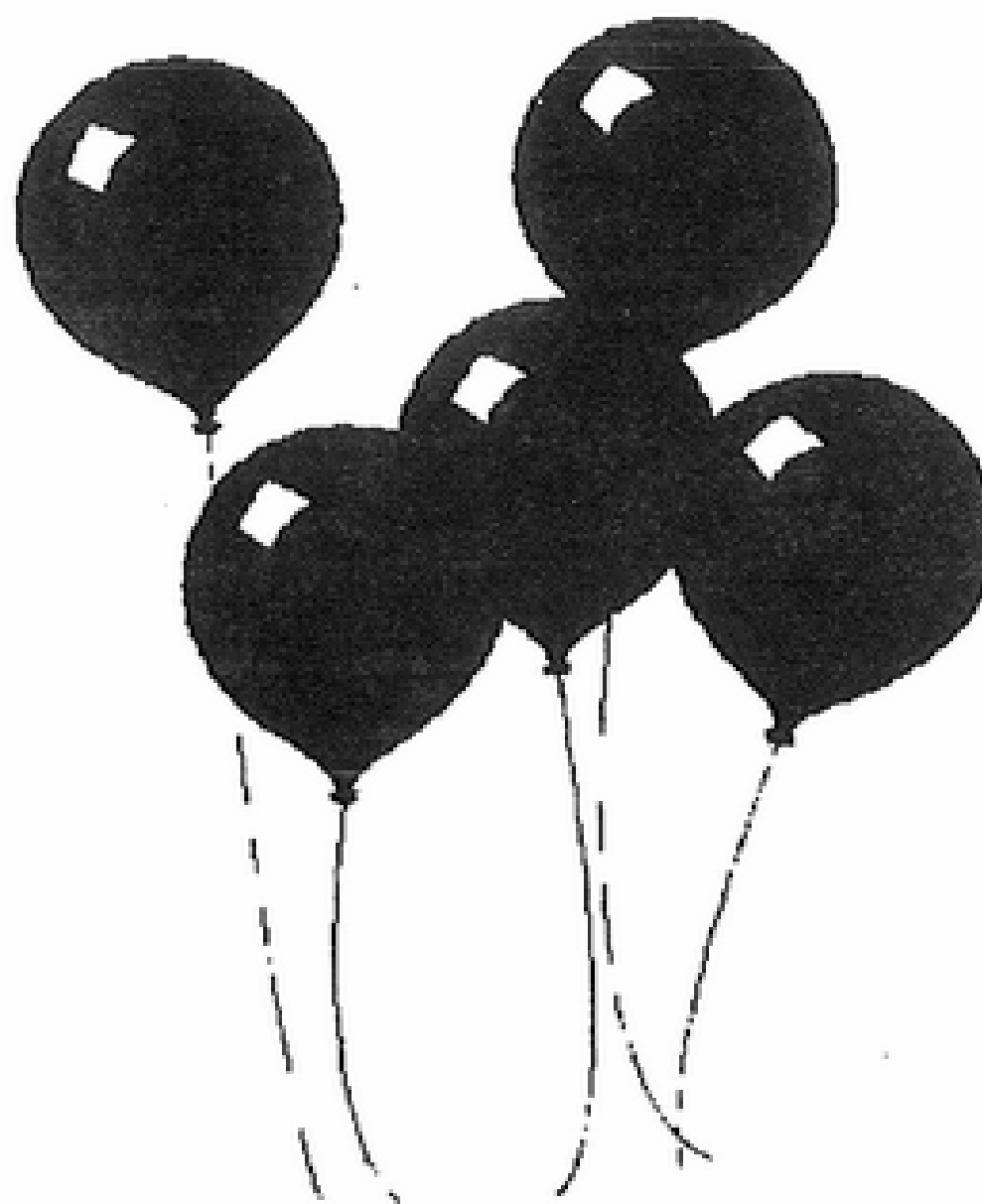
Postmaster See Page 2
For Postal Information

Periodical Mail

Compliments
Remembering Old Friends

Welcome
Tri - State ARG
New CORA Club

Willis Island Results



Chasing Balloons

FCC Opens
Vanity Gate 4

Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio
Amateurs, Inc.****President: Harold Miller, KB1ZQ****V Pres.: Brad Nelson, KJ0W****Secretary: Forrest Rush, N5VWF****Treasurer: Perry Jenkins, N5PJ**

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:

97/12

JOHN E. DOE, KA5ABC

1234 SW 56th STREET

RADIOVILLE, OK 74321-9876

The "97/12" means the year/month C&E subscription expires.

Dear Secretary / Treasurer:

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

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Collector and Emitter**P. O. Box 95942****Oklahoma City, OK 73143-5942**

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.: Jay Lytle KB5VDH 722-0981 VP: David Wolfe, KC5KJE Sec: Sharon Thompson, KM5GV 844-6245 Treas.: J. B. Bogner, K0JF 341-8735 Editor: Sharon Thompson, KM5GV 844-6245 E-mail: ke5orp@juno.com
2. Oklahoma Central VHF ARC Meets: 1130L, 2nd Thursday, Neighbor's Country Kitchen, 33rd & N Classen, Oklahoma City Pres.: Jackelyn Olsen, KA5ENU 842-2305 VP: Ken Eason, KF5JS 789-2200 Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI Editor:	14. Cimmaron Amateur Radio Assn. Meets: 1930L, 1st Thursday, WX5Y Playhouse 827 S. 13th, Fairview Pres.: John Medley, N5WVU VP: Kenneth Monahan, KB5SOM Sec: Dennis Painton, WK5V 764-3599 Treas.: Nadine Painton, N5FMH 764-3599 Editor: Kenneth Monahan, KB5SOM
4. Oklahoma City Autopatch Assn. Meets: 1930L, 3rd Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (Back Door) Pres.: Loyd Hargrove, AB5I 391-5723 VP: Sam Binkley, KL7V 942-2600 Sec: Austin McCaskill, NE5O 755-6522 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.: Michael McEwen, KC5GJL 329-2615 VP: Don Byer, KJ5KB 321-1673 Sec: Jeff Wyke, KE5EB 329-6762 Treas.: Sara Byer, KC5ABA 321-1673
6. Altus Area Amateur Radio Assn. Meets: 1900L 2nd Thursday, Southwest Technology Center, Altus, OK Pres.: George Mayteyko, N1GM 266-3357 VP: John Mealer, AB5WQ 563-9252 Sec: Lil Town, KC5CNA 477-4027 Treas.: Travis Houska, KC5SRK 679-3816 Editor: Dave Locke, KC5SII 482-8625	17. Ada Amateur Radio Club Meets: 1000L, 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Roy Throne, KB5STV 436-1019 VP: Dwight Myers, N0RIW 436-4755 Sec/Tr.: Sam Jewell, KM5TY 436-2224
8. Choctaw Amateur Radio Club Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Mike McFarland, N5WNT 799-0612 VP: Duane Angles, KA5WRG 670-6163 Sec: Marie Harris, KC5HKB 390-8851 Treas.: Bill Tarkington, KC5ICR 390-8751 Editor:	18. Lawton Fort Sill ARC Meets: 1900L 1st Tuesday, Great Plains Area Vo-Tech room 301, Worley Center. Pres.: Paul Wardell, N5PYD VP: Marl Ewell, KC5IZN Sec/Tr.: Paul Goulet, KC5CYY 250-4247 E-mail: w5ks@rli.net
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2nd Sunday, Location Varies Pres.: Johnny Fish, K5GBN 893-2227 VP: Ray Barnes, AB5Z 274-3334 Sec/Tr.: Joe Garland, WA5FLT 893-2660 Editor: Ralph Wilder, WA5PFK 623-5421	19. Tri-State Amateur Radio Group Meets: 1930L, 3rd Thursday, Woodward, OK Pres.: Duane Henderson, KC5NID 580-994-2223 VP: Sec: Treas.:
10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Bruce Burnette, K5PX 918-455-2599 VP: Dave Land, KD5FX VP: Craig Boyer, AH9B 405-771-5929 Sec/Tr.: Mark Byard, N5OGP 405-762-1966 Editor: Mark Byard, N5OGP 405-762-1966	Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (BackDoor) Pres.: Harold Miller, KB1ZQ 672-7735 VP: Brad Nelson, KJ0W 793-9470 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, N5PJ 354-5075 Editor: Harold Miller, KB1ZQ 672-7735 E-mail: n1lpn@swbell.net

Deadline for October Issue of Collector and Emitter is Friday, November 28, 1997. 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.

October 1997
CORA VE Session

The monthly session of testing was held on Monday, October 20th at the Salvation Army Divisional Headquarters. This session is scheduled for the third Monday of each month at 6:00 PM. The October session was held on a cool evening with the cloudy day causing the sunshine to fade earlier than normal. This is the last test session before the time change which means, for the next several sessions, darkness will have set in by the start of testing. Thanks to the nicely illuminated test room the darkness of the evening will be left outdoors.

By 6:00 PM the CORA VE team and applicants were "in-place" and ready for the starting whistle. Results from the October session are as follows:

Number of applicants- 2
Elements Passed-2
Number upgrading-0

These individuals passed the indicated elements, as below:

Charles Alden- Extra Code
Sherry Storey- Novice Theory

Congratulations ! Great effort. Your time, self-discipline and progress are to be commended. We hope to see both, plus many more, at the next session. The November CORA VE session will be held on Monday, November 17th, 6:00 PM. Site is Salvation Army Divisional Headquarters located at the Southwest corner of Penn and N. W. Expressway in OKC.

To maintain licensing and upgrading goals, it is helpful to know the "shelflife" of current theory exam question pools. Per

November QST (page 95) the test element and date valid through is:

Novice- June 30, 2001
Technician- June 30, 2001
General- June 30, 1998
Advanced- June 30, 1999
Extra- June 30, 2000

Good Luck in your test preparation. See you on November 17th.

73 de John, WB5SYT

From the President,

Well it has been a while since I last let the associates of CORA what has been happening in our organization. I personally have been busy at work and so amateur radio has been low on my list of things to do.

We have had our elections for the 1997 - 98 officers and all offices were reelected. I am sorry that there were not more representatives there for the elections only 9 persons showed up for that meeting.

The following month, I chose the wrong day to have a Saturday luncheon meeting. Having been away from ham radio for a while I did not realize that October 25, 1997 was the CQWW Phone contest, the Texhoma hamfest and probably other events, end result was that the attendance to the luncheon meeting was only 6 of us. The officers and two others were there.

The only real piece of business was the vote to introduce a new club into the ranks of CORA membership. The Tri-State Amateur Radio Group from the Woodward - Mooreland area was voted into CORA. Fortunately the folks from Tri - State also were in the city for a tour of the National Weather Service offices in Norman and were able to stop by and visit with us at the Skyline Restarunt.

The folks from Tri - State expressed an interest in having a Woff Houg at Ham Holiday this year. I have let Coy Day, N5OK, the Oklahoma ARRL Section Manager know this and he was enthused with the idea. So any one familiar with the Woff Houg ceremony please come to

the CORA meetings and help those of us who are ignorant of said ceremony become enthused and want to participate.

We are progressing along and still needing inputs for the hamfest / convention. If you the hams don't let us know what is needed then we can't put on a good show.

I hear how well we've done in the past and we don't need any input, well folks those of you that say that are way off base. It's ideas from the general public that keeps things rolling. What if computers never went beyond the 286 stage or speeds of 66Mhz. The internet would be nothing. We need input to take us toward the Dayton Hamfest type of show.

We have the capabilities here in Oklahoma to put on a show that will make Hamcom seem small, but we need help and ideas from you the associate members of CORA.

With the attendance of the last couple of meetings I feel that the hams in this area sometimes don't care what type of hamfest we have. The comments on the Collector and Emitter are great, but the same type of dedication and teamwork are required to put on the hamfest. Sure some things are not done till the spring or summer but now is the time to get prepared for those times.

So get off your butts and come on out and get involved. Otherwise the hamfest can end up going the route of the dinosaur, just a memory.

Hal, KB1ZQ
CORA President

Next CORA Meeting
November 25, 1997 @ 7:30 p.m.
Salvation Army HQ N. W. Expressway
and Penn. OKC

Deadline for the Christmas issue is November 28, 1997 Please no club minutes, save them for the January issue. Let us celebrate the Holidays with memories of Ham Radio and the Season.

Chit- Chat

by Linda, NILPN

First, I would like to apologize to everyone who attempted to log on to the Free Stuff Warehouse website I wrote about last month. The site now requires a password and I have no idea why it is now only password assessable. The week we took the newsletter to the printers the site was still an open one. Again, I apologize for any inconvenience searching for this site might have caused anyone.

Next, a gentle reminder to *start sending in those favorite holiday recipes* for our December issue. I know more and more people are cooking less from scratch and all but that's okay. My mom was a firm believer in progress. If it came out of a box, a can or was frozen she could cook it. I got joy out of making things from scratch, my mom felt if you could get it ready made why waste the time when it was all the same once it was served. Both ways were right. I love cooking both ways. In fact, many have tasted my brownies and think they are unbeatable, boy are you in for a surprise! Next month, I will print my brownie recipe for all our chocolate lovers. For years I have had people ask for the recipe and I never have given it out. Mike knows the secret to them. He use to make his own for school parties and never gave out the recipe. In the spirit of sharing and giving, you will soon have my brownie recipe to make your own.

Until next month...

ORSI

Oklahoma Repeater Society, Inc is the group in Oklahoma who provides coordination to all repeaters in the state. In October 96, an election was held for a board of directors which intum elects the executive board. Several items of business were conducted during the year by the new leaders of the organization. Also, for the first time, lots of folks took interest in the organization. The membership grew from only a few, to about 150 folks from around the state.

There is a special meeting on December 6, 1997 for election of directors, certify existing bylaws and reviewing recommended changes to the bylaws.

If you have an interest in coordinated repeaters, from 10m and up, bring your friends to the next meeting at:

Rose State College
Tom Steed Auditorium
6420 S. E. 15th
Midwest City, OK

Exit I-40 at Hudiburg Drive, and turn north toward the campus. Tom Steed Auditorium is the first building on the west and parking is on the north side of the building. Check on 146.67 or 146.82 for talk-in.

John Brassfield N5SAM



Choctaw Amateur Radio Club

Minutes of 20 October, 1997

The meeting was attended by eighteen members and one visitor.

OLD BUSINESS

The minutes were approved as printed in the C&E. The treasurer's report was approved as read.

Texnet has been on the air with no problems as of the last meeting. Great work John, K5CBP.

NEW BUSINESS

The repeater changeover is moving along. The building has been erected and all the equipment moved. The time period has elapsed for everything to be moved, therefore the antenna and coax were removed. After much discussion it was decided to find another location for our setup. Until then, we will install an antenna borrowed from a club member temporarily at the 100 height. Several club members offered use of various pieces of equipment to make this transition possible.

The telephone company sent a form to be filled out if we desire to disallow third party and collect long-distance calls. It was approved to fill this out.

Bill, N9SQV, proposed the Choctaw Restaurant as a possible location for our Christmas party. He recommended a few try it out before the next meeting.

The meeting adjourned to Braum's.

73 de Marie, KC5HKB

TMRCC RIP

According to Karl Pagel, N6BBU, the two year old Two Meter Repeater Coordination Council of Southern California is dead. TMRCC which was set up as a rival to the long established Two Meter Area Spectrum Management Committee has fallen on hard times with dwindling membership and a faltering power base.

Pagel says that he spoke with TMRCC founder Steve Jensen, W6RHM on October 11th. Pagel says that Jensen told him that most of the original 150 members failed to renew their membership in TMRCC, and at this point the group was down to about 15 members.

Pagel says that the groups Board of Directors met and decided to fold up shop. Lack of support from the American Radio Relay League and lack of membership were the main reasons for the ending of TMRCC.

(Via N6BVU)



Edmond Amateur Radio Society

Minutes of the October 1st Board Meeting

The meeting was opened at 7:05 PM, with President, Jay, KB5VDH presiding. There were 15 Board members and Club members present.

The Minutes of the previous Board meeting and the Treasurer's Report for the period ending 9/30/97 were accepted as presented. V.P., David, KC5KJE confirmed that the October Dinner Meeting would be held at Brick's at 6:30 PM on Saturday, October 18th.

EMC, Ken, N5DBM reported that the EC Committee met on Sept. 18th to discuss various EC items, and would be meeting on October 9th to specifically address the request for EARS to be a Salvation Army satellite station. The Board authorized funds for the purchase of a dual band antenna for the EOC. Ken will research options.

Dee, WD5FHR indicated that the two dual band radios have been received, and will be programmed identically. Jim, N5OHL said the 2 meter radios will also be cloned to the dual band radios, so all programming will be uniform. Plans are underway to refurbish the club station to improve its looks and efficiency. Dee reported what repairs were made on the Yaesu 757.

Lee, WA5WIS reported that on September 30th, a tower crew replaced the hard line at the UCO tower. In approximately two weeks, the Technical Committee will be doing a survey to determine the field strength and any necessity for additional links.

OLD BUSINESS:

Sam, W5CU reported that plans are underway for the Boy Scout Jamboree-On-The-Air on Saturday October 18th. He will need approximately 12 volunteers to take 2 hr. shifts operating the equipment and assisting the Scouts with communications. He will also need various equipment and help setting up.

Jay reported that at the recent CORA meeting, the previous Board was re-elected. OKC will be the site of the 1998 State Convention, and CORA is looking for volunteers to assist with these plans.

A motion was passed for the Club to purchase an MFJ-451 CW Memory Keyboard keyer for use in the classes, as well as back-up in the Club Station.

Scholarship Chairperson Joyce, KC5NBI presented to the Board some suggested changes in the Scholarship application and how it is evaluated. Her suggestions were adopted by the Board and she was given authority to proceed. A copy of the application will be included in the November and December *Collector and Emitter* with a February 28th deadline.

The Nominating Committee is being activated and a slate of candidates will be presented to the Board on November 5th. Elections will take place at the November 16th Business meeting. The Calling Committee will contact all Club members.

The Board meeting was adjourned at 9:17 PM.

Minutes of the October 18th Dinner Meeting

The October Dinner was held at Brick's restaurant in Edmond. An update of the Fall licensing classes and a health/welfare report were given. EARS communications services for the November 2nd Motorcycle Enduro Race at Lake Stanley Draper were discussed and volunteers were signed up. Beyond that, it was just good food and good company.

Dates to Remember

- November Board Meeting - Wed. 11/5/97 - 7:00 PM at the Club Station.

- Special Event Station - Statehood Day - Sat. 11/15/97 - 10:00 AM - 4:00 PM - Club Station
- November Business Meeting - Sun., 11/16/97 - 2:00 PM at St. John's Catholic Church
- December Board Meeting - Wed. 12/3/97 - 7:00 PM at the Club Station.
- Emergency Net - 11: AM Sat. 12/6/97 on 147.135, followed by monthly Siren Test.
- Christmas Dinner - Sat. 12/13/97 at 6:30 at St. John's Catholic Church

November Birthdays

Opal King, KB5BUK	Nov. 1
Michael Dean, N5VYE	Nov. 2
Bob Hebert, N5SAG	Nov. 3
Jim Richardson, N5OHL	Nov. 4
Jeff Krehbiel, KM5KH	Nov. 5
Garland Holmes, KC5SMM	Nov. 8
Jennifer Welch	Nov. 9
Hayes Forbes, WA5ZSH	Nov. 12
Linda Richardson, N5OJP	Nov. 14
Mike Miller, N1XSF	Nov. 16
Ronald Demas, KC5PLI	Nov. 17
Jesse Jones, KD5BFB	Nov. 19
Bob Coxsey, KM5GZ	Nov. 21
Curtis Foote, KC5GEP	Nov. 23
Phyllis Hand, KC5QJS	Nov. 25

Licensing Class

As this is being written, there are a bunch of antsy students busily preparing for the V.E. Testing on November 2nd. By the time you read this, many will be sporting CSCE's showing that they have passed various elements in their quest for a license or upgrade. Congratulations to all those who worked so hard these last few weeks. For any who still have elements to pass, hang in there. There are several V.E. test sessions each month in various locations in the OKC area, and it's just a matter of time till you achieve your goals. Be sure to contact someone in the Club if you need assistance, or have questions.

Reminders ...

- Remember to donate blood whenever you are able, and be sure to have your donation credited to the Edmond Amateur Radio Society account. This is an ongoing need and will ensure that the EARS Club account remains active.

- Save any receipts you have from Amateur Electronics Services (AES). The Club is eligible for a credit of 1% of all purchases by Club members from September '97 to September '98. These can be turned in at any time to one of the Board members. Thanks for your help.
- Edith WA5YPX says there are still a few T-shirts available with the Club logo. The cost is \$10. Please contact Edith if you would like one of these.
- Tune in Monday evenings at 8:00 PM for the EARS Monday Night Information Net. This is an excellent way to keep up on Club events and happenings, and your check-in will be most welcome. Anyone interested in being a Net Control for this net some evening, please contact Jim, N5OHL.

Christmas Dinner

Mark your calendars for Saturday evening, December 13th. This is the evening of the EARS annual Christmas Dinner. The dinner will be held at 6:30 PM at St. John's Catholic Church, located at 9th and Littler in Edmond. This will be a pot luck dinner, and a wonderful opportunity to say hello to your friends and fellow Club members. More details will follow, but for now, be sure to keep that date open. It promises to be a very enjoyable evening of fun, fellowship and yummy food.



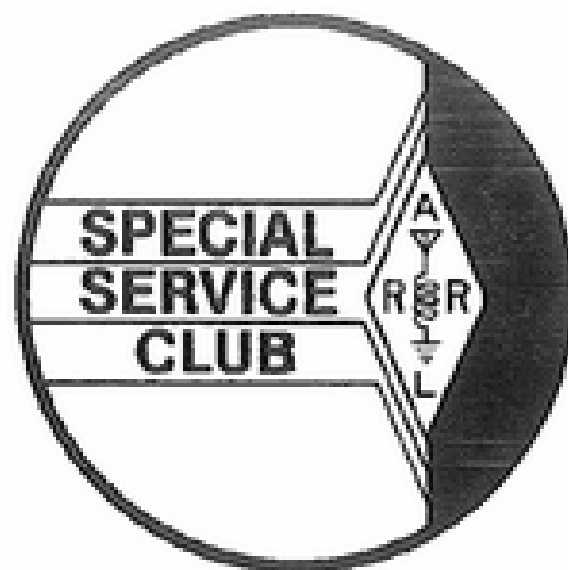
Bertha Watson Memorial Scholarship

The application form for the Bertha Watson Memorial Scholarship is now available.

This year, there have been some changes made. EARS has entered into an agreement with the University of Central Oklahoma (UCO) for matching funds,

which means that this year's award will be a full \$1,000. Any high school senior is eligible, who plans on being a full time student at UCO in the Fall of 1998. The award will be presented in April/May. Interested applicants should complete and return the application form, along with a fee of \$5.00, to be received no later than February 28, 1998.

If interested, please call Joyce Wolf at 340-7486.



Special Event Station

Can you believe it - another year has come and gone. It seems like only yesterday that we were calling "CQ CQ This is Special Event Station KC5ORP calling CQ - QRZ???" In early November, 1996, I had just received my license. The ink was still fresh on the certificate, and I had yet to make any HF contacts. I came to the Club Station with anticipation and trepidation. Before long, there I was - sitting in front of something called a Kenwood, and someone was pushing a microphone under my nose. In front of me was the "script" with all the key phrases I needed to know. Outside, the wind and rain were beating against the window, and the airwaves were crackling with static. I grabbed hold of the mike, took a deep breath, and spoke my first words on the HF bands. No sooner had my "QRZ?" sounded, and BAM, I was in a pile-up. (At least that's what they told me it was). A cacophony of call signs magically erupted, and for the next 15 minutes, I talked and scribbled as fast as I could, telling each that we were celebrating Oklahoma Statehood Day, 1907. What a blast! It wasn't a week till I had obtained my own Yaesu 757 rig - I knew then that there was a whole world out there waiting to be contacted. And here we are again - a full year later. The EARS Club, KC5ORP, will again be on the air proclaiming Oklahoma's entry into

this Nation. And you can be a part of it. We will plan on operating from the hours of 10:00 AM to 4:00 PM at the Club Station, located at 28 E. Main in Edmond. We will operate two stations (one CW and one Phone) on 28.390, 21.390, 14.240, 7.240 and 3.940. Come by and make some contacts with us. Anyone interested, please call Dave, K0TYC, as soon as possible and give him an idea of when you can be there. Look forward to seeing you.

Okie Ham Talk

If you're a ham just moving into this area, you might think it's an easy adjustment to operate from your new Okie shack. But that just might not be the case! To assist you in your efforts, we offer a glossary of "5 Land" terms to help you communicate:

You will no longer need the term QTH, and can simply inquire, "Where ya at?" A few pieces of auxiliary equipment may be necessary. To increase your output power, you will need an Ampli-far, (sometimes known as a Leen-yeer.) If you are into packet, of course you will need a Tay 'n Say, and be sure to set up your straight-kay so you can work See-Dubya.

For your 2-mayter hand-held, you will need a fresh supply of Bat-trees, and you can increase the range in your Mo-beel, if you use your cig-rit lahter as a 12-Vote Par-Splic.

If your new location is down in a hole, you may need to erect a Tar. And on that tar, you can then anchor your Bame. Or, you may prefer to use a 40-meter Dah-po or a War antenna.

So welcome to Oklahoma. Hope ya enjoy yer stay hay-uh. 73 Kay-em-faav-geay-vay.

HAM HIGHLIGHTS

This month's highlighted Club member is Alan Clark, who is sporting a new Call, N5PA (formerly WD5IKD.) Alan, his wife Cathy, and two daughters, Lori and Allison recently relocated to Oklahoma from Mississippi and Alan has jumped into the EARS water hole with both feet. He is currently active as our Assistant Emergency Coordinator, and looking at

his background and experience, we believe he is a valued addition to this effort. He lives in Edmond and is the Vice President Information Services for ROCOR Transportation in OKC.

Alan first became interested in radio about the age of six. His grandfather had an old 90 volt radio on which they listened to the country music shows from Nashville each Saturday night. This experience sparked his interest in listening to "DX." He built his first receiver at the age of eight and was an avid SWL. There were no ham operators in the rural part of Mississippi where Alan grew up, so he had no exposure to Amateur Radio. But, what was meant to be was not thwarted by that detail. At this still young age, Alan befriended a couple of high-speed code interceptors who were in the military, and he soon learned the code. When he moved to Hattiesburg, Mississippi in 1977, he noticed an ad in the Univ. of Southern Mississippi newspaper advertising "Ham Radio Classes." He completed the 12-week Novice class, and waited 16 weeks for his ticket to arrive. When it finally came, he drove to the New Orleans FCC office and upgraded from Novice to Extra. (He makes it sound simple, doesn't he?)

Alan is very involved in international missions and has been to Ukraine ten times in the last seven years. He has also served as EC, DEC and SEC for the Mississippi Section. We are very fortunate to have someone with Alan's background and experience in the Edmond area.

His favorite part of Amateur Radio is contesting, and he has won the Delta Division for various contests over the years. He has worked over 200 countries, all 50 states on several bands and modes, but says he has never applied for the awards. (We'll have to introduce him to Club Member, Jim, N5OHL, who is the local area ARRL awards representative.) Alan also enjoys CW, low noise VHF/UHF, Packet and satellite. In his shack you will find a Kenwood TS-430, Yaesu FT-625 RD All-mode 6m, Kenwood All-Mode 2M & 440, Kenwood TH-79 AD(H) hand held, Icom 3200A

Multi-Band, and various amplifiers and other equipment. He is currently investigating low visibility antenna set-ups as he lives in a restricted addition. (Perhaps this patriotic gentleman could use a 30 ft flagpole, or a Martin birdhouse complete with electric hook-up !!)

Alan has held numerous offices in Mississippi before coming to Edmond. As a charter member of the Rankin County Amateur Radio Club, he has served as President, VP, Secretary/Treasurer. He established the Rankin County ARES Net that worked in conjunction with the National Weather Service, and also served as a Volunteer Examiner.

One of the most memorable events in his Amateur Radio experience was in 1979, and again in 1983, while serving as SEC for the Mississippi Section. Central Mississippi experienced two 500-year floods that sent the Pearl River 25 feet over flood stage. About a 200 mile area along the river was affected. Alan coordinated all of the communications for a several week period during each of these floods, with over 500 hams, and over 20 local, state and federal agencies participating. Also, the Red Cross and Salvation Army were provided with communications during and after the floods.

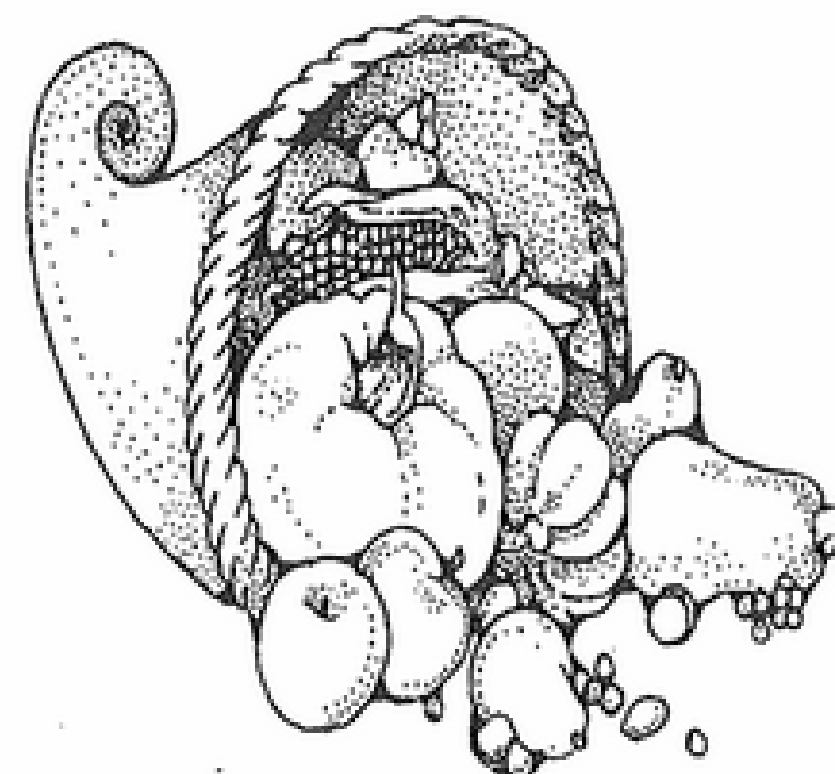
We asked Alan if he has had any really interesting QSO's over the years, and he related this story: "I was at home one Saturday thumbing through the HF bands listening for DX. I decided to call "CQ DX" and received a call back. The other ham came back to me and said his name was Al. We talked for about an hour concerning his station and mine, the weather, and various other interests. He told me about the many places he had visited in the United States and how he enjoyed coming here. After the QSO, I looked up his call sign, as I needed his country. After turning to Jordan, I looked up the call sign JY1. The ham I had the casual conversation with for about an hour was none other than His Majesty, King Hussein bin Talal of Jordan. You never really know who you are talking to one the other end."

Asked if he had any comments he would like to make, he offered this suggestion for the Club: "Since the EARS Club is so well equipped, I would like to see us organize contest teams to operate during the various contests each year. Contesting provides good communications skills that can be used during emergency situations. This would give our Technician Class hams an opportunity to work HF and DX at other times besides Field Day." Sounds like a great idea, Alan. We'll be looking for this possibility to surface in the weeks and months ahead.

Well, folks, that's a look into the life and times of N5PA, Alan Clark. I'm sure you'll be hearing more and more from him as times goes by. We can all benefit from the knowledge, skills and experience he has gleaned over his ham career. Thanks, Alan, for your input. We look forward to interacting with you in the EARS Club in the days to come.

Everyone in the Club has a story to tell. Their experiences may differ, and the extent of their radio activities may vary, but everyone has a unique, personal, and valuable part to play, and each one of us has a common ground. We love to communicate, whether by voice, dits and dahs, or data transfer, and have a heart to share our knowledge with others and bring them into the world of Amateur Radio. Until next month, hope you and your families are doing well. If any of you are needing assistance, within the hobby or out, be sure to let the Club know. That's what it's all about.

73, Sharon KM5GV



Compliments

by Sister Helen P. Mrosia

He was in the first third grade class I taught at Saint Mary's School in Morris, Minn. All 34 of my students were dear to me, but Mark Eklund was one in a million. Very neat in appearance, but had that happy-to-be-alive attitude that made even his occasional mischievousness delightful. Mark talked incessantly. I had to remind him again and again that talking without permission was not acceptable. What impressed me so much, though, was his sincere response every time I had to correct him for misbehaving - "Thank you for correcting me, Sister!" I didn't know what to make of it at first, but before long I became accustomed to hearing it many times a day.

One morning my patience was growing thin when Mark talked once too often, and then I made a novice-teacher's mistake. I looked at him and said, "If you say one more word, I am going to tape your mouth shut!" It wasn't ten seconds later when Chuck blurted out, "Mark is talking again." I hadn't asked any of the students to help me watch Mark, but since I had stated the punishment in front of the class, I had to act on it.

I remember the scene as if it had occurred this morning. I walked to my desk, very deliberately opened my drawer and took out a roll of masking tape. Without saying a word, I proceeded to Mark's desk, tore off two pieces of tape and made a big X with them over his mouth. I then returned to the front of the room. As I glanced at Mark to see how he was doing he winked at me. That did it! I started laughing. The class cheered as I walked back to Mark's desk, removed the tape and shrugged my shoulders. His first words were, "Thank you for correcting me, Sister."

At the end of the year I was asked to teach junior-high math. The years flew by, and before I knew it Mark was in my classroom again. He was more handsome than ever and just as polite. Since he had to listen carefully to my instructions in the "new math," he did not talk as much in ninth grade as he had in the third.

One Friday, things just didn't feel right. We had worked hard on a new concept all week, and I sensed that the students were frowning, frustrated with themselves - and edgy with

one another. I had to stop this crankiness before it got out of hand. So I asked them to list the names of the other students in the room on two sheets of paper, leaving a space between each name. Then I told them to think of the nicest thing they could say about each of their classmates and write it down.

It took the remainder of the class period to finish the assignment, and as the students left the room, each one handed me the papers. Charlie smiled. Mark said, "Thank you for teaching me, Sister. Have a good weekend."

That Saturday, I wrote down the name of each student on a separate sheet of paper, and I listed what everyone else had said about that individual. On Monday I gave each student his or her list. Before long, the entire class was smiling. Really? I heard whispered. "I never knew that meant anything to anyone!" "I didn't know others liked me so much!"

No one ever mentioned those papers in class again. I never knew if they discussed them after class or with their parents, but it didn't matter. The exercise had accomplished its purpose. The students were happy with themselves and one another again.

That group of students moved on. Several years later, after I returned from vacation, my parents met me at the airport. As we were driving home, Mother asked me the usual questions about the trip - the weather, my experiences in general. There was a light lull in the conversation. Mother gave Dad a sideways glance and simply says, "Dad?" My father cleared his throat as he usually did before something important. "The Eklunds called last night," he began. "Really?" I said. "I haven't heard from them in years. I wonder how Mark is."

Dad responded quietly. "Mark was killed in Vietnam," he said. "The funeral is tomorrow, and his parents would like it if you could attend." To this day I can still point to the exact spot on I-494 where Dad told me about Mark.

I had never seen a serviceman in a military coffin before. Mark looked so handsome, so mature. All I could think at that moment was, Mark, I would give all the masking tape in the world if only you would talk to me.

The church was packed with Mark's friends. Chuck's sister sang "The Battle Hymn of the Republic." Why did it have to rain on the day of the funeral? It was difficult enough at the graveside. The pastor said the usual prayers, and the bugler played taps. One by one those who loved Mark took a last walk by the coffin and sprinkled it with holy water.

I was the last one to bless the coffin. As I stood there, one of the soldiers who had acted as pallbearer came up to me. "Were you Mark's math teacher?" he asked. I nodded as I continued to stare at the coffin. "Mark talked about you a lot," he said. After the funeral, most of Mark's former classmates headed to Chuck's farmhouse for lunch. Mark's mother and father were there, obviously waiting for me. "We want to show you something," his father said, taking a wallet out of his pocket. "They found this on Mark when he was killed. We thought you might recognize it."

Opening the billfold, he carefully removed two worn pieces of notebook paper that had obviously been taped, folded and refolded many times. I knew without looking that the papers were the ones on which I had listed all the good things each of Mark's classmates had said about him. "Thank you so much for doing that" Mark's mother said. "As you can see, Mark treasured it."

Mark's classmates started to gather around us. Charlie smiled rather sheepishly and said, "I still have my list. It's in the top drawer of my desk at home." Chuck's wife said, "Chuck asked me to put this in our wedding album." "I have mine too," Marilyn said. "It's in my diary." Then Vicki, another classmate, reached into her pocketbook, took out her wallet and showed her worn and frazzled list to the group. "I carry this with me at all times," Vicki said without batting an eyelash. "I think we all saved our lists."

That's when I finally sat down and cried. I cried for Mark and for all his friends who would never see him again.

Ada Amateur Radio Club

The Ada Amateur Radio Club convened the regular monthly meeting on October 4th. The meeting was held at the auxiliary club headquarters located in the Ada Salvation Army communications center. President Roy, KB5STV called the meeting to order at 10:00 a.m., 12 members were in attendance.

The treasurer's report was accepted as given and passed without objection.

Sam, KM5IY was directed to contact members and obtain a minimum of ten volunteers to act as Base and Mobile radio operators in the event of disaster. The volunteers will be required to undergo training and obtain a photo ID/PASS. The curriculum and training will be provided by the Salvation Army with input from EOC personnel. The members were contacted and twenty operators volunteered. The list was forwarded to the Salvation Army Commander and area EOC supervisor, John Burchett, KC5EYC.

The club's annual picnic was enjoyed on Saturday, October 18th. John, KC5EYC arrived at 8 a.m. with the EOC "Incident Command Center" van and Roy, KC5STV arrived at 8:15 a.m. with radios and antennas. Roy and his crew hoisted the antennas, and had HF, VHF & UHF communications on the air when the other club and family members showed up. Bill, KC5WBI and Gary, KC5VOP arrived with their home brew two meter, trailer mounted VHF antenna, this antenna looks like an elevated satellite antenna, however it works surprisingly well. Members were able to contact the Seminole repeater, using a HT-202 handheld. Dwight, N0RIW along with other members and wives set out the fine food, some of it prepared at home. Mason, WT5X and Charles, KC5TGA started cooking hamburgers and hotdogs, when it was all done, we had a LARIPIN good meal. Sam, KM5IY and Ada News provided photo documentation of the event with photos of all forty seven people on attendance.

Sam, KM5IY

Amateur Radio Newsline

World Radiocommunication Conference 97 To Open

Four items of prime interest to Amateur Radio will be on the agenda when the World Radiocommunication Conference 97 opens October 27 in Geneva, Switzerland.

Delegates will discuss the so-called "Little LEO"; issue during the month long session. While the Little LEO industry's preliminary proposals to share 2 meters, 1-1/4 meters and 70 cm generated quite a stir in the amateur community last year, current U.S. proposals do not include any plans for sharing of amateur frequencies.

Also of interest to hams is the specter of increased interference on some amateur UHF allocations from Earth Exploration or E.E.S. Satellites used for mapping by synthetic aperture radars that are expected to be mostly active in the Southern hemisphere. WRC-97 will be asked to consider allocating the band 430-440 MHZ to E.E.S. and upgrading the status of E.E.S. at 1240-1300 MHZ.

Wind profiler radar systems operating near 50, 449 and 1000 MHZ also bear watching because of the potential for interference to Amateur Radio. These systems are used by weather forecasters to look at wind patterns in the higher atmosphere. WRC-97 delegates also will set the agenda for WRC-99, where the potential exists to establish a worldwide 40 meter allocation. The current U.S. concept calls for a "harmonized" band at 6,900 to 7,200 kHz that would be available to hams worldwide.

WRC-97 is scheduled to conclude November 21.

(Via ARRL)

KV4FZ LICENSE UPDATE

A United States Virgin Islands amateur radio operator has come one step closer to losing his license, but says he will fight to keep it. This, after an FCC administrative law judge affirms an earlier ruling against Herbert L. Schoenbohm, KV4FZ.

As previously reported, the 57 year old Schoenbohm was convicted in late 1992 of making long distance telephone calls using illicitly obtained access codes. He received a 2 month suspended prison sentence and was fined \$5,000. Although that offense in itself does not involve FCC regulations, the Commission says that his conviction is relevant to evaluating whether he will comply with rules governing the amateur radio service.

The latest action, first reported by Newslime two weeks ago, involves whether Schoenbohms license should be renewed. The Administrative law judge says no. But Schoenbohm says he will keep fighting as long as his resources hold out:

"There is a Schoenbohm defense fund that has been created in order to permit me to continue. A lot of supporters have come forward.

Many of them feel that this is a little bit over bearing by the government to make such a big issue. I mean there are murderers and rapists and drug dealers have had their licenses renewed. And in this particular case, many people are wondering what this is all about and why the FCC is making such a big issue out of trying to keep me off the air", Schoenbohm

There is another side to this story. Government documents show that KV4FZ has an exemplary record of Amateur Radio public service. Over the years he provided emergency communication during several hurricanes and is credited with saving many lives.

Because of this, Schoenbohm has often been called a real life ham radio hero. He is also responsible for ending the practice by millionaire yachtsmen of using the ham bands for business transactions.

Schoenbohm says that he will push ahead with appeals still available to him, including before the full Commission. In the meantime, he can and will remain on the air.

(Via Newslime)

Altus Area Amateur Radio Association

Well a guy can only go so long without hearing about the pack from his old home town, and I have now reached that limit. The move to Wichita Falls has not knocked me totally out of the communications loop with some of the Altus area folks. Every morning at about 0615, I take great enjoyment in waking up Doc, KM5IO and Dottie, KC5EEO. I can usually monitor the .79 machine with no problem, but it takes a cool, crisp morning for me to break the squelch and be able to get. I know that Ralph, KC5CNB has been a busy OM up there in Boydville cause Dottie had him up on the roof awhile back installing another Ringo Ranger for her 2 meter radio habit. Seems Dottie thinks she can stir gravy and talk on the radio at the same time, but Ralph, all I say is, chew that gravy very carefully before you decide to swallow.

Now let's see what else has been going on in the thriving confines of the Altus area. Another YL has been getting brave and poking her call sign out on the air. Think it sounds like KD5BNN, Tonya but once a week don't really qualify as being on the air. Her next excuse will be that she has been working all the time. Ha! Get a load of that Doc, a YL that talks about work. Yeah, soap operas and makeup, that sounds like a full days chores to me alright. Speaking of non-workers, if anybody knows of James (N5VUR) Clark's new mailing address, I would sure appreciate getting it. Come on James, you can run, (well walk in your case), but you can't hide.

Guess Joe, W5CCV made the annual trip down to the Texhoma Hamfest last month. Joe is trying to set a record by eating in every Braum's store from here to Miami. He gets more use out of that Senior Citizen's discount card than Birtie, KC5OAG has fish stories to tell. Talking about surprises, have you heard that Ron, KB5UVC is back in town? If you see a big guy with a little HT stuck in his back

pocket, then that's probably Ron. Now I might have that backwards, but look for the trail of RC cola cans and you can't go wrong.

Now I guess Christmas party planning time is next on the agenda, we might have a place picked out by Thanksgiving, so watch this space for further details. The prize committee is having a little trouble deciding what gift to buy this year. Doc wanted to buy shares in the Skippy Company, but Ed, KC5IVY wanted a years subscription to "Highways and Hobos" magazine. Hope they get it all worked out real soon.

Jerry, K5QM is back from vacation with his XYL, Ann and now comes the real dilemma, should Dottie get an antenna up for HF work or not. Well Jerry, you've got to ask yourself one question; we've got a YL covering several counties and two states now, do you really want the DX stations asking you for a beam heading for Boydville, OK.?

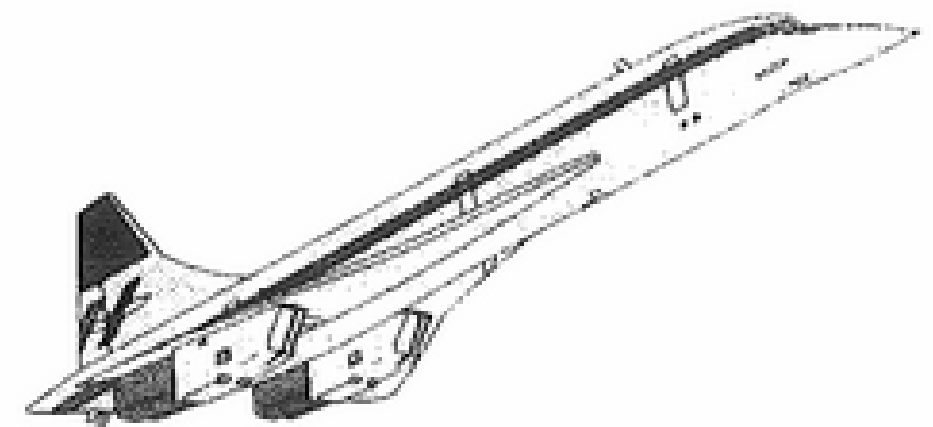
Nominations for new club officers will be the hot topic coming up at the first association meeting in 1998. I nominate Wes, KC5TTE for president. He walks by half of the Ham homes in the city, so he could help cut down the mailing cost with his daily walking trips. Smart thinking hey! John, AB5WQ has been a swell vice-president, but he's having a tough time making it through hunting season. I told him not to worry, if he ever got lost in the woods, just fire three shots up in the air and someone would hear him and come to his aid. John said he tried that, but after six tries he ran out of arrows. There is hope for John even though he still thinks that the "Naval Reserves" is a place where Uncle Sam keeps all the spare belly buttons at.

Well Turkey time is right around the corner and that means that Al, AB5WK can't be far behind. When the dinner bell rings, you had better clear a path. Al don't mean to step on you, but he ain't gonna let it slow him down when there is food involved. Don't blink when he goes by or else you'll miss Sandy, KD5BNP trailing not very far behind.

Two holidays in one month, I knew that I liked November for some good reason. Jerry don't care for it because it means another candle on his cake. Don't ask me how many candles it will be this time around, just look for the glow on the south side of Altus when the 26th rolls around.

Hey, look at the clock, boy, it's time for me to head back to Texas. Gotta get out of here before Dale, N5VX wants to see what a real truck looks like and then I'll have to drive by his place once again. Happy Thanksgiving wishes to all and forget napping after that big turkey meal, grab the mic and be thankful that YLs are stuck washing the dishes while 15 meters is open once again.

73's from..... yep, you guessed it.
Mike, KK5ZB off to the Lone Star State.



FCC CLOSES DANGEROUS BROADCASTERS

The FCC reports via its October 24th Daily Digest that it has closed down two unlicensed radio operators whose transmissions were threatening air safety at two Florida airports. The Commission located and took the two off the air after getting reports that their operations were disrupting air traffic control communications at Miami International Airport and West Palm Beach International Airport.

The identities of the two offending operators has not been released. Nor is it known if the incidents were intentional or the result of their using faulty radio gear. Miami International and West Palm Beach International are two of the busiest airports in the south-east.

(Via FCC)

Tri-State Amateur Radio Group

Balloon Flight

Tri-State Amateur Radio Group members are planning a balloon launch on November the 8, 1997. Members of the Group enjoy tracking balloons with their directional antennas and HT's. If you are interested in participating contact the Group at the following e-mail address, w5okt@unibuilt.com. The balloon will be launched around Booker TX and probably track east into Oklahoma from there. The final flight tracking etc. will be decided the night before.

Contact can be established with KC5NID, KB5SOO, N5WO, K5IS, on the local repeater 147.36 with a 88.5 tone. Tri-State Amateur Radio Group members would be happy to take those desiring to ride along and watch or participate in the event.

KC5NID

EAA Flyin

Tri-State Amateur Radio Group members helped in the flyin and poker fly sponsored by the local chapter #115 of Experimental Airplane Association in Mooreland Oklahoma on October 4, 1997. The amateur operators put their radios and repeaters to good use by providing communications through out the entire 153 mile poker fly. A net control was established, thereby giving the officials of the poker fly complete knowledge as to how many airplanes were out on the poker fly and where they had picked up cards and what was happening around the entire run. The local chapter of the EAA members expressed many thanks to the radio operators for the fine job that was done. The pilots were able to notified by the ham radio operators at each airport of problems etc. One airport was closed, one airplane failed to start, but a fun time was had by all. The ham radio operators were able to come to Mooreland and enjoy a fine hamburger feed and to watch some of the flying events in the afternoon. All looking forward to next year.

KC5NID

Man Hunt:

Tri-State Amateur Radio Group spring into action on a call from KC5UMW to KC5FYW describing how a 77 year old man from Gage had not been seen after several hours. The family had received a cell phone call from him describing to them that he had run off the road and was stuck. Tri-State Amateur Radio Group members began to help the sheriffs of two counties that had been searching along with the Oklahoma Highway Patrol for several hours. Tri-State members joined into the search about 6:45 P.M. on Sunday evening on October 12, 1997. The search was carried on through the night on land driving several hundred miles by several Tri-State Amateur Radio Group members. The next morning the search was joined by two airplanes, one from the Oklahoma Highway Patrol, and the other from the volunteers of Tri-State Amateur Radio Group members. Pioneer Telephone Cooperative was able to tell the searchers that the call came from the Woodward tower, so the search was concentrated in the coverage of that tower. After about three hours of searching with the airplanes, and mobiles on the ground, the vehicle was located by the Oklahoma Highway Patrol airplane. The vehicle was in a small canyon, and was not visible from the road. The man is doing well and the family members are grateful for all the volunteers that participated in the search. Sheriff Les Morton of Woodward County placed an article in the Woodward News expressing how great the help had been from the Amateur Radio Operators.

KC5NID

NOAA WEATHER RADIO

Jim Purpura at the National Weather Service notified Tri-State Amateur Radio Group on October 2, 1997 that Tri-State Amateur Radio Group had approval to bring the NOAA transmitter online for Woodward and Ellis counties. After the transmitter comes on line there will be ninety day period to provide the National Weather Service with a detailed coverage map according to their specifications. While more coverage than these two counties is anticipated this is the normal method of deciding coverage. The next step on this project is to raise the \$20,000 to put the transmitter on line. A

presentation will be put together and be presented to organizations and groups that would be interested in supporting this project.

KB5SOO.

VE exams given the second Thursday of each month by the Tri-State Amateur Radio Group at 6:00 P.M. before the monthly meeting of the Group in Woodward OK. For information contact Gerald Bowman W5AOK 405-994-5600 w5aok@pldi.net or Jim Hand W5JWH 405-994-6118 w5jwh@pldi.net

CLASSES:

Tri-State Amateur Radio Group will start No Code Tech classes in the Mooreland High School on Tuesday October 28, 1997. For more information contact Gerald Bowman W5AOK, 405-994-5600, w5aok@pldi.net; Jim Hand W5JWH, 405-994-6118, w5jwh@pldi.net

WINDTRACKS

Balloons are supposed to fly free, but some balloons have ham radio operators chasing them.

Windtracks 14 floats into a clear blue sky on its way to suborbit some 20 miles above the earth. Nearly 100 students and parents at the New Augusta Academy turned out for the early morning launch. Students teamed up with local ham operators to create 9 work stations and their mission control.

The 2 hour flight tracked southeast across downtown Indy before the balloon burst and floated back to earth.

The three package payload included a crossband repeater, amateur tv with live color pictures from the balloon, and gps/aprs data unit. The balloon traveled nearly 18 miles before landing in a soy bean field near South Port, Indiana.

Pictures and details of Windtracks flights can be found on the world wide web at:

www.windtracks.org

(Via Amateur News Weekly)

**VHF Club****NEWS****W5LOW***Elmer Goekler Memorial
Station*

Oklahoma Central VHF Amateur Radio Club

Club minutes of the September 18th, 1997 meeting.

The Oklahoma Central VHF ARC held the regular meeting at Neighbors Country Kitchen, Classen Blvd. at N. 33rd St. President Jackolyn, KA5ENU, called the meeting to order at 6:00 PM with five members present. Fred, W5NL, was unable to attend so no 'sign-in sheet' was passed around. We missed Fred.

There were no minutes of last months meeting to approve or disapprove.

The treasurers report showed no money transactions since last report and was approved with one member voting as being 'opposed' to accepting the report.

Under old business, the application for an additional club station call is still pending. Also, plans for a club weiner roast or watermelon feast were canceled for lack of interest. Also, Jackie invites all to her place for a get-together. 4:PM on 11 October. RSVP, please.

Under new business, meeting date & time were changed. Since no one is showing up, the new time is 2nd Thursday @ 11:30 for lunch, same place, which is the 9th.

Meeting was adjourned so we could make the regular Thursday evening net.

73, de J. R. KB5WVE

Club minutes of the October 9th, 1997 meeting.

The Oklahoma Central VHF ARC held the regular meeting at Neighbors Country Kitchen, Classen Blvd. at N. 33rd St. President Jackolyn, KA5EN, called the meeting to order at 12:00 noon, with sixteen members and guests present. Fred, W5NL, was there and passed around the sign-in sheet.

The minutes of the last meeting were not forwarded in a timely manner to be printed in the *C & E*, so were read aloud and subsequently approved.

The treasurers report was given, with no financial transactions. The treasurer had a few VHF Club decals to hand out to some grateful members, so naturally that report was approved.

The CORA report was given. The next Ham Holiday, scheduled for July 1998, will be an ARRL sanctioned State Convention, and should be supported accordingly.

CORA elections were held, and the results appeared in the *C & E*.

Under old business, the application for an additional club call-sign is still pending. There was no new business, but a discussion was held about how the 'calling committee' had increased the attendance at the meeting, and we will keep it up. Some members discussed ways to increase attendance at meetings. More on that later. Food was extra good.

Meeting adjourned at 12:35

73, de J.R.KB5WVE

VANITY CALL SIGN UPDATE

And there is some word from the FCC on the Vanity call sign program. With the Commission yet to announce when it plans to open Gate 4 of the program it still continues to grow in popularity. The Gettysburg License Processing Facility reports it received 601 vanity applications during the month of September. More than 400 of them were filed electronically.

As to the opening of Gate 4? We will all have to wait for that one.

(Via ARRL, FCC)

455 MHZ CHANGE PROPOSED

The FCC is proposing to amend Part 2 of its Rules to re-allocate the 455-456 MHz and 459-460 MHz RPU Bands to the Mobile Satellite Service on a primary basis. This, for non-voice, non-geostationary mobile satellite services.

The order was adopted by NPRM on October 7th. Broadcasters are united in opposition to it. Comments are due 30 days after publication in the Federal Register, replies due 45 days after publication. The docket number is FCC 97-363.

(Via FCC)

BIO MED FCC PERMIT

The FCC has amended Part 15 of Commission rules to expand the availability of frequencies and to increase the permitted power for unlicensed bio-medical telemetry devices operating on VHF and UHF television channels 14 to 46. This for equipment operating within the confines of health care facilities. The FCC says that this change will allow patients the freedom to move about in the limited area while being continually monitored. This says the agency should help speed up patient recovery times.

(Via FCC)

CROSS COUNTRY EVENT

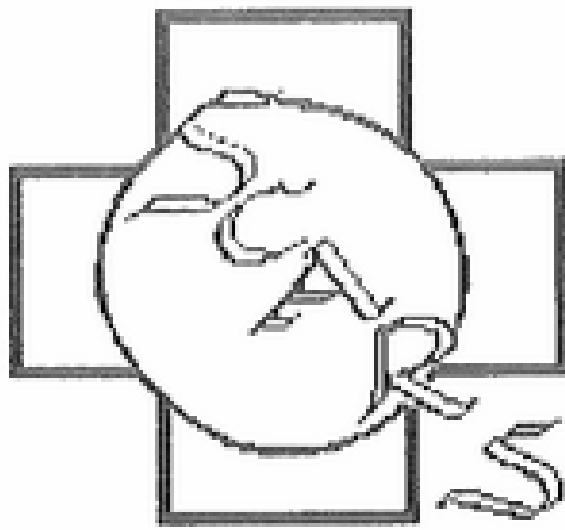
One of the largest high school cross country sporting events in the country takes place every September in Tiffin, Ohio. And once again, ham radio was there to guide it along.

This years event was held on Saturday, September 6th and drew over 160 schools along with thousands of spectators and participants. Providing the communications for the event was the W8ID Amateur Group along with the Seneca County Amateurs, as they have done they have done in the previous five years.

Amateurs play an integral part of the running of the race. Each Amateur receives a map of the entire race course with their assigned area marked off. With Amateurs flanking the areas they are able to communicate with the medical tent, providing the location and type of injury of the runner. Medical personnel are then dispatched to the area in specially equipped golf carts.

Thanks to the efforts of many hams, this years cross country event was the safest yet.

(Via Amateur News Weekly)



South Canadian Amateur Radio Society

The meeting opened on time at 9:30am, and as the Secretary was not present I had double duty. Only when I got home did I find a message on the answering machine left the previous evening by the Secretary, explaining why he would be absent from the meeting. Thanks for the message Jeff, sorry I didn't find it earlier. Anyway, the meeting started with the usual round of introductions and "for sales/for wants/for giveaways".

A couple of "Thank You's" were given : Don, W5DON, wanted to thank the club for the flowers sent to him during his recent stay in hospital. You are welcome Don, and we all hope you are feeling better.

A thank you was also given to Don-KJ5KB, JC-KC5DMI, and members of the OU ARC who helped in the recent renovations of the SCARS radio room at the Cleveland County Red Cross. They did an excellent job of re-organizing and re-decorating the room, and it looks great in there.

Louis, KC5ABI, gave a brief report on the latest CORA business and recent elections. He praised CORA for the excellent job the officers are doing and asked that we give them all the support we can. With this in mind, a request was made for a few more reps from SCARS to attend the monthly CORA meetings. It is not too much to ask to attend a meeting once a month and it is up to us to keep CORA going, so consider volunteering some of your time.

I'm sure Louis will be glad to give you more information if anyone is interested.

Ken, N5BEW, gave his monthly repeater report and everything is going well, with no major problems to report. My treasurer's report was very short - yes, we have money and are in good "financial standing". The meeting closed at 9:50am, short but sweet.

Don't forget that next month is election time - plan on being at the meeting to get your nominations and votes in.

Respectfully submitted,
Sara Byrer, KC5ABA
sara@telepath.com
Treasurer and stand-in Secretary...

SELF HELP RFI GUIDE FOR CONSUMERS

Consumers who are affected by radio interference may be helped by a new publication brought out jointly by the Consumer Electronics Manufacturers Association and the American Radio Relay League. According to an FCC release the document is available on the world wide web. Look to our web site for this one as well.

<http://www.fcc.gov/cib/eas/handbook.html>

HELP WANTED FOR ALBANY AREA NET

And speaking about helping out. If you live in or near Albany, New York and are looking for a challenge, then have we got a job for you. Jock Elliott, KB2GOM, says that an afternoon net control is needed for New York's Capital District Commuter Assistance Network. Elliott says that a successful applicant needs nerves of steel, the ability to absorb and record information quickly, and a commitment to be available from 3:15 to 5:45 PM Eastern time on work day afternoons. He adds that CB Channel 9 experience is helpful as well. Anyone interested should contact Jock at (518) 271-1761 or by e-mail to lightkeeper@aol.com

(Via KB2GOM, Hudson Division Loop)

GLOBAL HILTON HAM STATION

There will be a ham radio station on board the Global Hilton high altitude balloon

when Dick Rutan, KB6LQS attempts his around the world flight next year. Ken Collier, KO6UX, of ADI Premiere tells Newsline that his company has loaned the balloon crew one of its AT-600 Dualband HTs and several SB-752 power stations. Collier says that he suspects other manufacturers will be loaning them additional equipment as well. As reported last week, Rutan plans to make the flight with famed balloonist Richard Abruzzo with liftoff in late January.

(Via ADI Premiere)

SEARCH CONTINUES FOR NEW PHASE 3D VEHICLE

AMSAT Germany's Vice President Peter Guelzow, DB2OS, has expressed confidence that the Phase 3D Amateur Radio satellite will get off the ground in 1998. Guelzow says that he is certain that P3D will be launched next year on an Ariane booster.

Guelzow's prediction concluded a lengthy statement in which he called on hams to not to jeopardize the present negotiations by speculations and expressions of bad tempers. Especially with public postings to the Usenet and AMSAT BBS which are both read by Arianespace officials.

As regular listeners know, Phase 3D had been scheduled to be launched aboard an Ariane rocket in late September. But last minute revisions in the European Space Agency's predictions of vibration and stress aboard the flight meant AMSAT had no time to meet new mechanical specifications and still stay on schedule.

(Via AMSAT-DL, AMSAT-NA)

FIRST OMANI MOONBOUNCE CONTACT

The GB2RS News Service reports that Chris Dolman, G4VUO who operates from Oman as A45XL has made that nations first moonbounce contact. It took

place on September 30th when Dolman worked W5UN on 144.028 MHZ. A45XL also made contact with K5GW and is now looking for QSO's with stations in the UK.

(Via RSGB)



OKlahoma DX Association

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

Hello everyone! A new year and some new guys. I feel like this year is going to be very exciting.

I want to take this opportunity to say that I, along with the rest of the OKDXA, really appreciate the fine job Jim, K5TT, did as our president these last two years. My hat is off to you Jim. You left some mighty big shoes to fill and I will do my best to continue to follow in your footsteps.

I was honored that I was asked to run for Vice President, and then I was totally shocked when Jim asked me to consider running for president. I thought, well this could be interesting, and I probably won't get elected anyway, so why not. It seems that I had forgotten some of the fine traditions of OKDXA elections and the next thing I knew I heard John, NJ1V, blowing a train whistle, and everyone congratulating me.

The first order of business was making sure that our Directors would still be Directors. We lost Nate, KA0RNY, to a job move, so we needed a replacement for the Northwest. Lu, K5YP has agreed to be the Director for the Northwest. Lu lives in Woodward. Lee, W5UDA, from Kinta, has agreed to continue to serve the Southeast Troy, K5OH, from Lawton, has agreed to continue to serve from the Southwest. Coy, N5OK, from Union City, continues to serve the Central region. And our newest Director is Jerry, K5YAA, from Claremore. Jerry will represent the Northeast. Thanks to these guys for their willingness to serve on the board of Directors!

I hope everyone had a chance to participate in the CQWW contest last weekend. I was not able to because my rig

is in Tennessee awaiting an upgrade. I heard a few reports from the likes of NA5B, K5YAA and K5ZG.

Sounds like there was quite a bit of activity. If you operated any at all, be sure and include the OKDXA as your club affiliation when you turn your score in. It doesn't matter how much or how little you operated, it ALL counts. Let Jim, K5TT know how you did!

That is about all I have this month from beautiful Broken Arrow, if you have any questions, comments, or concerns, let me, or any of the officers know. I can be reached via E-mail at K5PX@contesting.com. Catch you down the log! Bruce, K5PX

--- OKDXA CONTESTING ---

by Jim Hood, K5TT

The first major contest of the season has come and gone. The CQWW SSB Contest the last weekend of October traditionally gets the testers going. I am writing this on the Monday after and have not yet received much info from those who operated. Personally, I had to work out of town on Saturday and fly back home on Sunday morning. I did find time to operate about four hours on Sunday afternoon. I made 100 Q's on 10 meters and about 50 on 15 and 20. The bands seemed significantly better than last year. South Americans were on from one end of 10 meters to the other. Dave, W5AO, made over 1100 Q's on 15 meters from the new "Big Stick" NA5B station. He had 6 elements at about 130 feet. I also heard AB5I and N5OK working on 10 meters. It was fun to run into N6ZZ from Dallas operating at P29AS. If you operated, please submit your score, put Oklahoma DX Assoc on your summary sheet, and forward your score to me. This will enable me to include you in the OKDXA Club Score. The following major contests are coming up:

Sweepstakes CW	Nov 1, 2
Sweepstakes SSB	Nov 15, 16
CQWW CW	Nov 29, 30

I will see everyone at the Banquet. Jim, K5TT

THE CONTEST CONTINUUM

Building a Contest Station

continued

Placing my new 40 meter beam on the tower posed a significant challenge. This is not a large antenna but it isn't small by any means. It's an M² (M-Squared) 40M2L that weighs 55 lbs with 46 ft elements. The challenge was to get it atop the tower without having to remove the guys or getting it tangled up in them. To do this I built a trolley to carry the antenna above the guys.

I took the thrust bearing to the top of the tower, centered it and bolted it solid. I loosened the top bolts for the mast and raised the mast to where it just cleared the top of the thrust bearing. I had built the 25 ft. mast inside the tower to facilitate installing it. I then placed an eye bolt in the top of the mast and then ran EHS guy wire through the eye bolt and two pulleys to fence posts on opposite sides of the tower. This formed a trolley wire above the guys. I made sure both pulleys were on the same side of the eyebolt. I then tightened the wire with a turnbuckle. I was very cautious at this point because this placed downward pressure on thrust bearing. I used a piece of 1/8 inch stranded wire to tie around the boom to mast mount of the beam and suspended it from the pulley nearest the mast with a carabiner. I looped a piece of rope loosely around each of the elements and back to the second pulley. I then tied the two pulleys together so that they were spaced apart about 2/3rds the length of the elements. This kept the antenna aligned with the mounting plate toward the mast and the elements clear of the guys. A caution here. Since when the antenna reaches the top, you can't reach this second pulley, the ropes must be loose enough that you can untie this pulley from the first and it will slide down the trolley wire pulling the rope off of the ends of the elements. I did have to shake the elements a little to get this to happen.

Next I placed a pulley at the top of the tower and used the 200 ft. rope off the gin pole to tie to the antenna. I stood near the bottom of the tower (out from under the trolley) and pulled the antenna up the

trolley wire to the mast. I tied the rope off, climbed the tower and connected the coax to the antenna. I then let the element guide pulley and rope loose, tied a safety line to the mount, rested the antenna on my shoulder, unhooked it from the pulley and secured the boom to the mast. Piece of cake. A picture would have been worth a thousand words here. If you would like to know more about this procedure give me a call or drop me a note. You can also pick up hints on how to do this from Internet sites or the tower talk reflector.

Once I had the 40 meter beam secured to the mast, I unhooked the trolley wire and hooked a come along in the bottom of the mast. I loosened the thrust bearing bolts and raised the mast until it cleared the rotor position. Note that I put the rotor plate at the bottom of the top section. I like to do this as it takes some of the lateral pressure off the rotor. I hoisted the rotor up, mounted it and plugged it in. I then lowered the mast to the proper level in the rotor and secured it with the thrust bearing bolts. Next I secured the mast in the rotor clamp, while making sure the antenna was oriented due South. I couldn't wait to check out the rotor and make sure everything worked. That's when I hit a snag. I had rotor problems.

I had damaged the gears in the Highgain Tail Twister rotor when I was taking my antennas down in Claremore. I shipped it to Norm's rotor service a couple of months back to get it rebuilt. When I got it back, I thought they had shipped me the wrong rotor. It looked like a new one. The date on the bottom verified that it was my old rotor. I bench checked it and it worked like a charm. Now that it was at the 90ft level, it didn't work. Actually it rotated fine but it didn't indicate where it was pointed all the time. During rotation the needle would sometimes go off the scale to the right. I thought that perhaps the rheostat had gotten a little grease on it and that this would clear up after a little use. Wrong! I used my trusty VOM to check continuity and found that one end of the rheostat was open. Not the wiper arm! I made sure the rotor was pointed South, brought it down, placed a mark on the side where the two halves join

together and then took it apart. I found that a wire on the rheostat had been hooked through the terminal but not soldered. So much for quality control at Norm's Rotor repair. The hard part for me is always getting rotors back together again right without having ball bearings all over the place. I marked the sides so that would have no doubt how they lined up. I made sure I had lots of grease on the bearings to hold them on the trace. I stabbed it the first try. Lucky day! Back up the tower and secured it worked fine.

You might want to know how a 40 meter beam works at 110 ft. As Jim, K5TT, said "It turns 40 meters into 20." I definitely agree. Even though we have had an S-7 noise level due to cool fronts moving across the country, I have been able to hear the DX at the S-9+ level above the QRN. I broke the pile up on a JY9 with a hundred watts on the first call. That got my attention. I've done the same in the Pacific and Southeast Asia. As a matter of fact, I have yet to load the linear into the 40 meter beam.

More on other antenna work in next month's newsletter. 73, Coy

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

The CQWW SSB contest was a wild one even for non-contesters like your editor! The flux wasn't real high but as they say, "contests will open the bands regardless" ... and this does hold to a certain extent!

The real truth is that even a low-80's flux is sufficient to open 12 and 10 meters with weak but copyable sigs about an hour after the morning grayline. The contests just populate the otherwise empty bands!

Contests are GREAT stuff for non-contesting DXers as well! I filled 2 1/2 log pages with new band and/or mode countries on 30, 17, 12, and 10m in the last 2 weeks and most of those were the testers who had arrived at their contest QTHs early, setting up and testing! What a trip! The QSLing is going to cost me a mint! ha

Baldur, DJ6SI, was on from Mali operating TZ6SI on CW, entertaining us non-SSBers. I don't know when Baldur

eats and sleeps! He is a definately a one-man DXpedition ... and a sure QSL card! The ZL7AA team was non-stop, even during the contest as ZM7A.

Prior to the contest, Chuck, N4BQW was on sporadically from Palmyra Is. as N4BQW/KH5. His sigs were weak and it was a tough work. This is usually not the case for mid-Pacific DX into the "heartland". Chuck was strapped for time and I think his antennae were pretty low to the ground.

CY0DX was prolific before, during, and after the contest and I was able to fill the 10m slot that I missed when AH9B and crew were on Sable as CY0XX.

P29AS was on from Port Moresby, with a killer signal on 15 and 40m and the DL7DF/HR3 team must have put Honduras on "never-needed again" list! I'm sure they operated 24 hours/day on both modes on every band! ha ha

Have I got you excited yet? If not, then maybe you need to take your pulse! We've got the flux coming up, we've got more major contests to come and hopefully you'll pay your electric bill and keep the RF flowing!

The CQWW CW contest rolls around this month. Also a DXpedition to Lord Howe, VK9LX, is scheduled for Nov 23 through Dec 1. Have fun!

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

• Banquet wrap-up next month

By the time you read this our 3rd annual OKDXA banquet will be history. We'll have a complete review of the event in the December newsletter. Stay tuned!

• Last C&E if not renewed

This will be the last newsletter for those who have not renewed their OKDXA membership. Thanks are extended to our C&E Editor for moving the OKDXA drop-date to include the November issue. Even though our dues are actually due on October 1, this gives us the entire month as a dues drive.

• Re-ups to date

We've had a great re-up rate during the October dues drive! Out of 116 members we've had 85 join for 1997-98! By my calculations that is about 73%!

Here is a list of those who have renewed their memberships as of press-time (October 27). If you have sent in your dues and do not see your name please contact N5OGP.

If you plan to re-up, please remit your dues by Thanksgiving. This will let me get your paperwork into the *C&E* editor in time for you to receive your December newsletter.

Thanks are extended to the following renewals and new members for their continued support of the OKDXA!

Aaron	Bert	K2BA
Aaron	Carmen	KA3TOP
Abbott	Elton	KE5JE
Adams	Ken	K5KA
Alden	Charles	KM5LE
Bargmann	Nate	KA0RNY
Berkowitz	Ed	N3US
Blom	Don	N5JEU
Boyer	Craig	AH9B
Bromley	Jay	W5JAY
Buford	Bob	KD5QD
Burnette	Bruce	K5PX
Burns	Bill	W5SZ
Byard	Mark	N5OGP
Carter	Bob	K5EYT
Case	Ken	K5KC
Case	Lynn	W5LC
Cherry	Myron	K4YA
Chouinard	Jerry	K5YAA
Clement	Roy	W5PIC
Collier	Cal	W5LJ
Day	Coy	N5OK
Doty	Ted	AA5CK
Edmond	ARS	KC5ORP
Eichenfeld	Merle	W5IER
Feigel	Don	N5JK
Fisher	Luther	K5YP
Fletcher	Dan	AA5HV
Geary	Art	KK5QS
Gillespie	Robert	WB5KJE
Gilliland	Ed	NA5B
Granger	Clara	KG5UG
Granger	Ed	W5EDX
Guida	John	NJ1V
Hargrove	Loyd	AB5I

Harrop	Paul	W5DX
Hemingway	Richard	N5XRD
Hickman	Carl	N5XE
Hood	Jim	K5TT
Horn	Dave	W5AO
Ingram	A. J.	W5QVS
Johnson	John	KK5WV
Kellam	Russell	N4XDQ
Ketch	A. J.	N5NJA
King	Charles	W5KWK
Kukuk	Linda	AA5GS
Kukuk	Rick	K5KGO
Land	Dave	KD5FX
Lappin	Tom	W0UY
Laszynski	Thomas	K8JRM
Limerick	Jim	N5VF
Longstreth	Helen	KA0JKY
Macdonald	Judy	KA5BJS
Macdonald	Mac	K2GKK/5
Mathis	John	K5CBP
Modjeski	Eugene	N0PZA
Murta	Ed	K5LIL
Perry	Joe	KE5SA
Phillips	Frank	AB5J
Richards	Jerry	AB5SE
Richardson	Jim	N5OHL
Roderick	Rick	K5UR
Ruggieri	Jennifer	KC5MMJ
Ruggieri	Rhonda	N6SKI
Ruggieri	Russell	N6EU
Rush	Forrest	N5VWF
Russell	Dick	K6SSD
See	Bob	N5PC
Sikes	Clifton	AB5UA
Sitton	Sam	W5CU
Smith	Frank	AH0W
Stricker	Dick	NJ5S
Thompson	Vince	K5VT
Throne	Roy	KB5STV
Vandagriff	Tim	WA5YOM
Vidmar	Richard	K9KK
Ward	Lee	W5UDA
Warren	Troy	K5OH
Williamson	Ron	KX5RW
Winnard	Richard	WK5RW
Winnard	Toni	KK5LH
Wolf	E. Glenn	AB5RQ
Wood	Gil	W5NUT
Wood	Jon	W0UHL
Yaoch	Fr. Felix	T88SJ

• Re-up procedure

When you send in your 1997-98 dues (you are going to send in your dues aren't you?! ha) please remember to provide changes to "personals" where needed. If you have one of the blue OKDXA

membership applications feel free to use it. If there have been no changes just fill out your name and call sign. Otherwise fill out those items that need updating. Send in your renewals to ...

Mark Byard, N5OGP
504 Foster Ave.
Ponca City, OK 74601-2519

... and thanks!

• Welcome brand-new members!

Our new members this month are Russell Kellam, Jr., N4XQD, of Grafton, VA. Tom Lappin, W0UY, of Hutchinson, KS. and Roy Clement, W5PIC, of Ponca City, OK! Welcome gentlemen!

• Welcome back!

It is great to welcome back former members Cal Collier, W5LJ from Ada. Ken Adams, K5KA, from Bartlesville. Dick Hemingway, N5XRD from Norman, and Gil Wood, W5NUT from Shawnee. Cal and Ken now have new calls. Cal's old call was W5LJI. Ken was KM5H. ... but Gil is still a "NUT"! Just kidd'n Gil! ha

Congratulations on the neat new calls guys and again, welcome back all of you.

• Club contesting!

Jim Hood, K5TT will be coordinating a new activity for OKDXA Club Contesting! We will be competing against other clubs/associations throughout the USA and even the world. This competition makes your participation and your score in the major contests very important. Even if you only have a little time to participate or are only able to make a few contacts, we need you points. In general, all members scores are added together to arrive at the club score. If you are interested and did not get on my participation list at Ham Holiday, please send me your call by e-mail

k5tt@contesting.com

or by phone at
405/732-6131,

or by mail at
11623 Smoking Oaks Drive
OKC, OK 73150.

If you do so, I will place you on the information distribution list. I think this will be a fun activity and hope that you will participate. Jim, K5TT

• **VK0IR Video still available for loan to OKDXA members**

Many of our OKDXA members have enjoyed viewing the Association's copy of the VK0IR, Heard Island video.

If you would like to view the video please drop me an e-mail, a note in the mail, or give me a call and I'll put you in the que for viewing.

Our procedure is to daisy-chain the que ... the last viewer mails it on to the next in the que, and etc. There is no need for it to come back to me each time; that would waste postage. So when the video is coming to you, you will also receive the address for the next viewer. Just package it securely and ship it on. It is a GREAT way to spend 55 minutes.

Currently we must limit viewing to OKDXA members only.

• **New call signs**

Adams, Ken K5KA (ex-KM5H)
Collier, Cal W5LJ (ex-W5LJI)
Williamson, Ron KX5RW
(ex-KJ5FG)

Congratulations on the new call signs fellows!

• **E-mail update/changes**

Here are this month's changes and/or additions to the OKDXA e-mail list.

Adams, Ken K5KA
k5ka@aol.com
Burns, Bill W5SZ
closed his account
Gilliland, Ed NA5B
na5b@worldnet.att.net
Fletcher, Dan AA5HV
aa5hv@atoka.net
Hemingway, Richard N5XRD
n5xrd@juno.com
Hickman, Carl N5XE
sulfire@brightok.net
Kellam, Russell N4XDQ
russkham@visi.net
Kukuk, Richard, K5KGO
rdkukuk@ionet.net

Kukuk, Linda AA5GS
rdkukuk@ionet.net
Lappin, Tom W0UY
lappint@southwind.net
Mathis, John K5CBP
k5cbp@juno.com
Modjeski, Eugene N0PZA
modjeske@bldg230a.awacs.af.mil
Phillips, Frank AB5J
ab5j@aol.com
Williamson, Ron KX5RW
kx5rw@aol.com

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

----- MISCELLANEOUS -----

• **The T88T story is published in "The DX Magazine"**

The September/October 1997 issue of The DX Magazine contains Coy's (N5OK) and Dave's (W5AO) T88T story, complete with photos! This is the adventure that Coy wrote up for our newsletter earlier in the year.

If you are not a subscriber you may order single copies from the editor, Carl Smith, N4AA. This is a fun article and I would recommend it for your DX library. Carl supplies the following info for ordering

"Single copies are available for \$3.00 (including postage). We would prefer either cash or check for this amount. \$3.00 is too much trouble for a credit card. Requests should be sent to: DX Publishing, Inc., P. O. Box DX, Leicester, NC 28748-0249. Thanks Mark and do keep in touch. Very 73, Carl Smith, N4AA"

• **GO-LIST web site**

John Shelton, editor of The GO-LIST, now has a web site. Check out
<http://www.qsl.net/golist>

• **That's all this month. Until the November issue ... 73 de N5OGP sk**

USS PAMPANITO Submarine NJ6VT

NJ6VT is the call sign for the club station on the USS Pampanito submarine, and is FISTS #3077. The Pampanito is tied up to pier 45 at Fisherman's Wharf in San Francisco, California. The sub is on display to the public seven days a week, courtesy of the National Maritime Museum Association. Amateur radio operations are conducted from the cramped spaces of the sub's radio room. (And I do mean CRAMPED!)

NJ6VT is somewhat of a strange amateur radio call sign, but it is very significant to the USS Pampanito. During WWII the USS Pampanito's radio call sign was NJVT. Now you can appreciate the significance of NJ6VT. The club is very proud to put this call sign back on the air waves.

There are thirteen members in the Pampanito Amateur Radio Club. NJ6VT station is operated by various club members throughout the week. I usually operate every Wednesday and Sunday between the hours of 1600 UTC and 2100 UTC. Part of my operating time is spent on CW, (14.058 +/- or 7.144), and part on SSB, (14.245 + QRM or 18.137).

We do send out QSL cards, and a nice brochure that tells about the USS Pampanito submarine. I look forward to working many FISTS club members from NJ6VT. NJ6VT is a 3 point club station.

If you would like to make a special sked with NJ6VT please let me know at e-mail k6df@wco.com. Photos of the sub and radio room are available on the web site at; <http://www.wco.com/~k6df> article by Dennis Franklin k6df FISTS #3076 Fremont, CA.

Article from the North American Keynote, the fists newsletter issue #9, 1997 page 3

Willis Island expedition results

The rough weather enroute certainly gave some of us a most uncomfortable feeling in our guts. When we arrived at Holmes Reef we found 3 small areas above water by mere inches. This was certainly not a very safe place to have the team or vessel so the decision was made to abort this section of our expedition. After spending a little time on the southern island where the met. station is we proceeded up to the north islet. This proved to be a dangerous place to get ashore so again the decision was made to abort. We then went back to middle islet and that is where we actually set up camp. All our documentation was for north islet but we have been assured that NEW documentation will be issued to allow everything to be right for dxcc. As most of us were very sick upon arrival, it put a huge strain on the rest of the team as we only had approx 4 hours per day to get things ashore safely. The boat crew are to be commended on their amazing skills to get us all ashore safely.

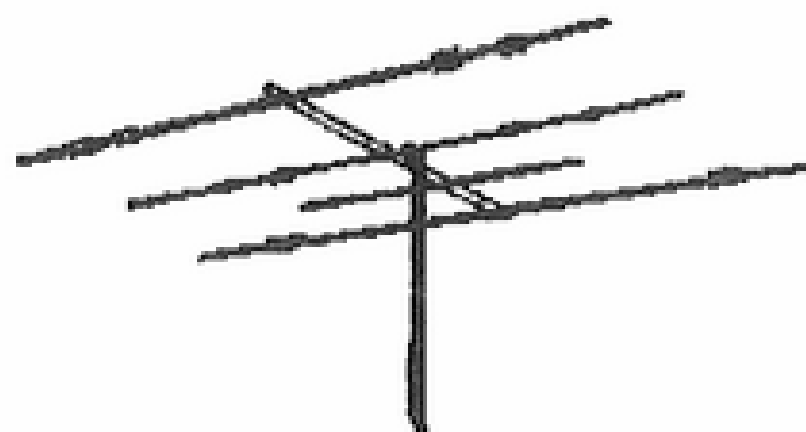
MISHAPS.

The first one was a real blow as a brand new hand held vhf 2m radio went for a swim in the ocean.....(VK4MR was the owner).... It sure doesn't make you feel well when a 4 foot wave knocks you over when you're unloading the dinghy. Despite the fact that everyone was warned to be careful with the coral, there is always one 'FW' who just doesn't listen. YEP vk4fw loves kicking his toes on coral and yes it hurts..... shoes were just too easy... so kick those toes again... ouch.... With the weather deteriorating and the wind reaching 50 - 60 knots some of the equipment started to feel sad. We had a tent rip to shreds, antenna getting damaged and so on. Then came the little rain squalls.... yes things got wet when tents just gave way under the strain. Then in the middle of the night a generator decided it didnt like water for an appetite. Yes in the dark it got topped up with water instead of petrol... (easy mistake when you cant see) The next morning both AF7O and FK8GM spent 3 hours

totally pulling it apart and eventually got it purring once again.

160 METRES... (boy what a talking point).

Before any of you so called GURUS out there start in on us again let us just fill you in a little. The purpose built 80/160 antenna (66 ft) had a malfunction at the feed point and could not be made to work despite some 16 hours spent trying to rectify this. At thispoint I (vk4fw) up and moded it for 80m only. Because the wind was gusting ferociously (as already explained) the coil feed point would not sit still and kept shorting out. More work is obviously needed to perfect it. The built/rebuilt/rebuilt again inverted L (FK8GM special) really was a sight. To construct it we pinched masts, a 15m beam boom, some hf2v sections, the 3m section from the warc vertical etc etc. For 3 days we kept trying to improve the GM special and eventually we had it operating nicely with the vertical section at 15.5 metres. ALL low bands had enormous QRN from rain static and tropics static. With the wind howling and tents flapping it made it quite hard to hear the signals.



STATION ANTENNA

Warc vertical, Cushcraft R5, Butternut HF2V, 30m quarter wave vertical, 40m quarter wave vertical, 80m quarter wave vertical, 160m inverted L (GM special) . 6m vertical, TE 3 ele mono yagi for 20m, TE 3 ele yagi for 10m, 4 ele yagi for 15m, Cushcraft A3WS, Cushcraft A3SDX, 40m dipole. All quarter wave verticals are from Com-an-tena. About 3km of radial wire was used on all the verticals.

COMMEMORATIVE ITEMS

To try to raise some much needed money to replace damaged equipment the

following commemorative Willis items are available.

1. Collared shirt (same as odxg member shirts) with Willis details on it.
2. 2. Willis video vhs pal (ntsc will also be available ... price to be advised)

Items can be ordered from ODXG, P.O. Box 929, Gympie, 4570, Australia.

QSL Manager

QSLing will be handled by VK4FW. All cards sent with return postage will be answered the same way. Cards received with no postage or via the buro will be returned the same way. Cards received with no postage or via the buro will be returned via the ODXG buro system. You may send for your QSL card via email and it will be sent via the ODXG buro system.

Contact Info

Phone / Fax 61 7 5482 7497

P.O. BOX 929

Gympie, QLD 4570

AUSTRALIA

odxg@odxg.com

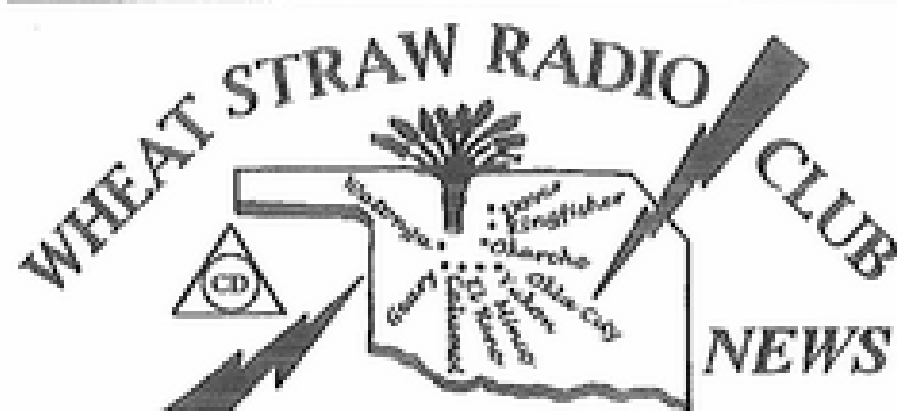
This page has been visited by 5480 people since 21 May 1997 Page was last updated Friday, October 10, 1997 09:14:44 AM (pictures have been removed for printing here. To see a complete report with photographs <http://www.keylink.com.au/odxg/odxgwillisnews.html>)

DX

In DX, OZ5AAH will be active from Iceland from October 26th through November 10th as TF/OZ5IPA. That's the club callsign of the International Police Association. OZ5AAH is the chairman of the association. Priority of operations will be CW, WARC and low bands. QSL via his home call.

And the 599 DX Report says that TR8XX is active from Gabon on 40 meters at 0600 UTC and then QSY's over to 30 and 20 meters.

K3KN is currently active from the U.S. Embassy in Liberia as EL/K3KN through November 6 or 7th. He operates SSB on 40 through 10 meters. QSL via KB3U. (Via various DX sources)



Wheatstraw Amateur Radio Club

Club Minutes

The October twelfth meeting in was held in Dover, OK. Johnny, K5GBN called the meeting to order with 12 persons present. The minutes of the previous meeting were read by Joe, WA5FLT and approved as read.

Well, it rained for something like three days and it was raining the day of our meeting. We had begun to think we may not have a quorum to have our meeting since it was raining so hard.

There was discussion about the improvements of the repeater. All it took was for Johnny, KB5GBN to go out and tickle its ribs some. After getting some TLC, the repeater is sounding and working great.

Announcements of the dates and times of the Enid Hamfest and the Hamfest in Eufaula were made.

The November Meeting will be held on November 9th and start at 2:30 p.m. It will be in the community room courtesy of the Watonga Bank. Directions to get there are as follows: From Coats 66 Service station go North 1 ½ blocks, turn left into the bank parking lot. Please come to the south door. Wheel chairs to the east door, peck on the glass and someone will let you in.

Don't you wish you were a member of Wheatstraw Amateur Radio Club? Come visit us and attend one of our meetings. We are a very friendly group and full of unexpected surprises. Who knows, you might find out you like us enough to

become a part of our club. So, take a chance and come to one of our meetings.

N5VDY made the motion to adjourn the meeting and it was seconded by Margaret, WA5RLP. Now it was on to the refreshments.

An interesting note on our refreshments this month. Just before the meeting started, and a group came we were not expecting, one of the hostesses ran home and brought back a box of Cat Liter for refreshments, with a cat on duty. Those who had the nerve to partake of it thought it tasted real good! For refreshments we ended up with coffee, a variety of soft drinks, cheese and crackers, and three or four different kinds of sandwiches. There was an apple pie made without sugar and four different kinds of cakes. When those gals have refreshments, they make sure no one goes away hungry. No bragging folks, just the facts.

The hostess decorated with a Halloween theme. I do not know who all worked on the decorations. My guess would be Wanda, Vera Hladik and her daughter. I apologize if I have left anyone out. There was popcorn stuffed into clear plastic gloves. A black tie was used to seal the open end of the gloves. On the ring finger, rings were placed. Some of the rings were spiders, others were black bats tied on with black pipe cleaners.

They also had suckers that they covered with white folded tissue paper with ghost faces drawn on each one. The paper was pulled down around the sucker stick and tied with a black neck tie. Everyone got to take one home. A sack of candy was handed out with a witch on each bag to everyone. All this was a very thoughtful and cut addition to our meeting. We all enjoyed it more than words can say. I think the club has adopted Vera. She has no interest in amateur radio, yet she has taken an active role in club activities and has become part of the group. Thank you ladies for bringing a smile to everyone's faces one again.

Oh yeah, I forgot to tell you the cat liter box was actually a Cat Liter Cake. I heard it was two cakes made together. It was

unusual and a novelty. The container was fixed up to look like a liter box, the cat was a stuffed one sitting as proud as it could be. It was a lot of fun. Thanks goes to the lady who created it.

After the meeting adjoined and refreshments were served, Wanda asked all those present to share with us their experiences trick or treating as a child. When we become adults we sometimes forget what it was like being a kid.

A period of silence fell as each of us tried to think. We were all born and raised up on a farm. We did not know that kids went trick or treating until we grew up. We were then asked if we had ever played tricks on people while growing up. The stories really broke loose after that. We heard stories about turning over outhouses(that's a small wooden building like today's port-a-potties) with no occupants aboard. There was the story about stealing a buggy, disassembling it, taking the pieces and putting it back together straddling the ridge of a roof. Stealing watermelons was a common one. There were other stories and we had a great time laughing and sharing memories of our childhood.

As I stated earlier, don't you wish you were part of our group and if so, come attend our next meeting.

Respectfully,

Ralph, WA5PFK

Smile

If you were born back in time as a young adult when Noah started building his ark on dry land with no rain in sight, what would you have thought of his building the ark? Would you have thought he had slipped a notch or two? Well, Noah never gambled after that anymore. Because! He sat on the deck.

A minister was very upset over his wife's spending habits. She needed a new dress for a church social; he told her to spend no more than \$100.00 on the new dress. He said if she wee tempted to spend more, to say, "Get thee behind me Satan." She came home from shopping with a beautiful dress, and he asked her how

much she had spent. She told him it cost \$250.00. He asked her if she'd said, "Get behind me, Satan." She answered, "I sure did, and Satan told me it looked good from back there too!"

Hide and Seek

The salesman made a phone call to the Smith residence and it was answered by a young Bobby Smith. "Hello," he whispered. "Hi there," the salesman said, "is your mom at home?" "Yes," Bobby whispered, "but she can't come to the phone right now. She is busy." "What about your dad, is he there?" the salesman inquired. "Yes, but he can't come to the phone either. He's busy," Bobby quietly informed the caller.

"Well, is there another adult there?" the salesman asked. "Yes, a Policeman," Bobby said, "but he can't come to the phone because he's busy." "Is there any other grown up in the house?" the salesman asked. "Yes, a Fireman," Bobby quietly said, "but he can't come to the phone because he's busy too."

"Now, let me get this straight," the frustrated caller said. "Your mom, dad, a Policeman and a Fireman are all at your house, but they are all too busy to come to the phone? What are they busy doing?" "Looking for me," Bobby whispered.

The Old Soo Line

by Angie Monnens

I miss the sounds of the Soo Line trains that rumbled past our door. I'd hear her whistle in the night, a sound I hear no more. They've torn out all the railroad tracks; no more trains in sight. No longer will they wake us up in the middle of the

night.

No more will soot and smoke cling to fresh laundry on the line, no more will the dishes rattle...no more puppies will whine. Years ago when it was so, neighbors kids and I would find a spot atop the hill and cheer as it went by.

As she lumbered down the track in the middle of the day, we kids would wave at all the guys as the train roared on it's way. The Engineer would shout, "Hello!" and pull the whistle cord. The crew inside the cab would yell, "So long now, A-L-L Aboard!" As we counted cattle cars, wishing we could hop that freight, and travel on to distant lands where adventures would await.

I miss that whistle's mournful sound on a crisp winter's day. That part of youth has ended now; like the train, it's rolled away.

In memory, I can still see the crew and Engineer. All wave good-bye. The simply disappear!

Editorial

by Ralph, WA5PFK

I do not wish to step on no ones toes, or to lose a friend dear to me. I have a fearful sadness in my heart and feel it is time to speak my concerns. In this editorial I will call all organizations clubs. All leaders as presidents.

A situation comes to mind about a president who appointed seven members to work out all programs for three events a year for a period of three years. During those three years, two of the seven attended possibly three or four meetings.

All had promised to attend the meetings when called but never came...I will not go into further details, the end result was the president had to work constantly to have the programs become a reality.

If you accept an

elected office, or an appointed office do the best you can within your abilities. If you feel the office is beyond your abilities or do not intend to do what the job requires, refuse the nomination. If for some reason you as an officer can not attend a meeting, it is your duty to find someone to take your place who had knowledge of your duties of office.

If you are a member of a club, Support it! Don't think about how much it will cost you in contribution dollars. Give of yourself. Volunteer to help on projects. It should not matter if you never make the headlines in the paper or not. The reward you will receive is the good feeling of being there when needed and the contentment you will feel in your heart and soul.

All clubs need more members. Members who are willing to help and guide the president his responsibilities. This would make the president's job easier and give him the knowledge and wishes of the members.

Sometimes, we all should take a good look at ourselves. Try to see ourselves as others do. Some of our problems might be that we have grown lazy. Too much TV watching and playing games on the computer can steal hours from us without our realizing it. For some of us, our age and physical abilities limit what we are able to do. Still a mind is not a gift to be wasted or overlooked. Please look into your hearts, and open up to becoming active in your club. You can make the difference.

Wear a smile on your face, so you can laugh without creaking it.

Your club reporter, Ralph, WA5PFK



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Skyline Restaurant

"country cooking"

Bryan, Cindy, Jennifer and Jessica



Oklahoma City Autopatch Association

Minutes of the Meeting of the Oklahoma City Autopatch Association, held October 21, 1997 at the Salvation Army Building, Oklahoma City, OK at 7:35 p.m.

The regular meeting of the Oklahoma City Autopatch Association was opened at 7:35 p.m. on October 21, 1997 at the Salvation Army Building, Oklahoma City, OK by the President, Loyd Hargrove, AB5I.

A quorum of the membership was present.

Minutes from the minutes of the meeting of October 21, 1997, as printed in the *Collector & Emitter* were approved.

The Treasurer's report was read. Upon motion, the Treasurer's report was approved.

Hal Miller, KB1ZQ, gave the CORA Report. Nine people showed for the last meeting. Most of the clubs of the area were not represented. This Saturday at 1:00 p.m. is the lunch meeting. The deadline for *Collector & Emitter* submissions is October 31, 1997.

Loyd Hargrove, AB5I reported that all three repeaters are working, but the audio voice is not responding on the 147.21 repeater.

John Brassfield, N5SAM reported that the old officers had been ejected from ORSI. The former vice-president, Doc Goodhead, is the only remaining officer. There will be a special meeting for the election of directors on December 6, 1997 at :30 p.m. at the Tom Steed Auditorium at Rose State College, near Hudiberg Drive and I-40.

Hal Miller, KB1ZQ initiated discussion of monogrammed shirts for the club members. Club members indicated interest in pursuing the matter. The next item of discussion was the problem of people using the repeater and not being members of the club. Various methods of advertising the club were discussed.

There was a motion, duly seconded, to change the repeater codes on the first of the year. After discussion, the following resolution was unanimously adopted:

Resolved, that the Repeater Codes be changed at the end of the January 1998 club meeting.

Further Resolved, that a card with the new codes be handed out to current members at the January meeting.

Further Resolved, that notice be published in the C&E advising all OCAPA members of the pending change of the Repeater Codes.

The next item of discussion concerned family memberships for adult children. No motion was adopted.

The next item of business was a discussion of name changes on the club bank account. After discussion, the following motion was duly adopted:

Resolved, that the following persons be authorized to sign on the club bank account:

Loyd Hargrove
Sam Binkley
Austin McCaskill, Jr.
D. C. "Mac" Macdonald Jr.

Further Resolved, that the attached banking motion be, and the same is hereby, adopted by reference.

At 8:40 p.m. the meeting was duly adjourned.

Dated this 21st day of October, 1997.

Austin, NE5O
Secretary

Notice

The repeater access codes for OCAPA's three repeaters will change at the close of business January 1998 meeting. Cards with the new repeater access codes will be available at this meeting to persons wanting to use the autopatch features.

It has yet to be determined when cards may be mailed to club members not attending the meeting.

Greetings from the OCAPA bunch. As you have probably read, OCAPA has elected new officers and it is now time to establish new goals for our club. Last year was great. OCAPA repeater systems have been repaired, upgraded and should provide reliable service for emergency situations and daily usage. Scholarship efforts have again provided support for a deserving student. Field Day efforts logged more than a thousand contacts. The OCAPA Christmas Party provided a meal to remember as well as good entertainment. This year I expect our members will again lead in efforts to support community projects and issues important to the hobby. I encourage all members to attend OCAPA meetings and take part in planning club activities. Without member support we would have no Saturday morning swap-n-shop, Salvation Army training, Ham Holiday, the *Collector and Emitter*, and ARES training nets.

October marks the beginning cool weather, stimulating interest in amateur radio contests, technical projects, or upgrades in amateur licensing. Increased sunspot activity should provide good DX and an opportunity for everyone to enjoy the hobby. Come join in on the fun, root beer floats after the meeting and coffee on Friday evenings. Learn from our diverse membership and share your skills and ideas with the club. We need your support.

73, Loyd, AB5I
OCAPA President

Chasing Balloons

Jerome Doerrie, K5IS

Of the many fun aspects of amateur radio, members of The Tri-State Amateur Radio Group find that "fox" hunting weather balloon payloads to be the most interesting. You, too, may find it interesting to listen in to the signals from near space or even come and join in on the launch and chase.

Life for a payload can be rough. It starts out on the workbench as sensors, microprocessors, receivers, transmitters, batteries, and other items are assembled and brought to life. Then everything is stuffed into a container, holes are poked in the sides for feedlines, wires, lenses, and sensors are positioned around the package. Unnecessary weight is whittled away and the items are poked and stuffed again. The innards are tweaked, peaked, calibrated, aligned, and sometimes dropped in preparation for the big event. Preparation usually last late into the night and starts early on launch day, if there was a break at all. Out at some remote place, on a tailgate, everything gets a few more pokes before the lid is put in place and yards of duct tape are applied.

At launch, the balloon usually leaps into the air, jerking the payload as it begins to swing around in wild gyrations. Ascending at a speed of 10 miles per hour, the package begins the cool-down with the increasing altitude. As the air pressure lessens, the air inside begins to bent out of the package. Surviving a wild ride through the jet stream, with an outside temperature of nearly - 50 C, the

payload continues upward toward a rendezvous with the vacuum of near space some 15 to 20 miles above ground, testing the electronic components with this intrusion into the low pressure zone. When the balloon bursts everything begins to tumble in free fall, accelerating up to 200 mph before coming back into sufficient air density for the parachute to open. Moist air enters into the payload and condensation gives everything inside a bath, including the electronics! The parachute slows the descent to some 20 mph and thump, it all smashes back onto the earth's surface. If it is windy, the parachute drags everything along until some branch snags onto it and ends its flight. There it waits and waits until someone finds it.



October, 1951

Our next launch is scheduled for Saturday November 8, 1997 between 1530 and 1600 utc (9:30 to 10 am) from the Perryton, TX area. (Backup date is following Sat, the 15th.) Beacons will be on 3.686 MHz, 28.322 MHz and a

cross band fm repeater 446.000 up and 146.52 MHz down. Last minute announcements will be made on the Tri-State net on the 147.36 Woodward repeater 9 pm Friday, November 7th. It is planned to have this tied into the various linked systems.

At some point, fast scan television will be included on the 440 MHz band. The frequency probably will be 439.25 MHz, which is channel 60 on a cable converter or cable tv. Also, a long wave beacon for the 160 -190 KHz band may be flown.

Help is needed with communications. We could use hf net announcements of the flights, a 80 meter net during the flights, signal reports from many stations, and use of a handheld radio. I promise to drop it no more than once each flight from 100,000 feet. I don't understand why SAMSUNG refused warranty repair on a camera. It was only dropped once, parachute failed to open, payload hit a boulder, and camera was exposed to sun and rain for 30 days before it was found! The photo developers had some choice commits about the water and sand that was in the film canister when I took it in for development. Samsung did give a 50% credit towards a new camera, which they certainly did not have to do.

Plan to share in the fun with us on November 8th.

Jim Nolen
Enrolled Agent

Jimmie Nolen
Steve Moore

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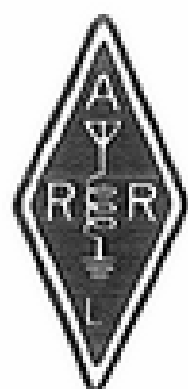
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2. In cases where the stockholder or security holder is a trustee, include in items 10 and 11 the name of the person or corporation for whom the trustee is acting. Also include the names and addresses of individuals who are stockholders who own or hold 1 percent or more of the total amount of bonds, mortgages, or other securities of the publishing corporation. In item 11, if none, check the box. Use blank sheets if more space is required.
3. Be sure to furnish all circulation information called for in item 15. Free circulation must be shown in items 15d, e, and f.
4. If the publication had second-class authorization as a general or requester publication, this Statement of Ownership, Management, and Circulation must be published. It must be printed in any issue in October or, if the publication is not published during October, the first issue printed after October.
5. In item 16, indicate the date of the issue in which this Statement of Ownership will be published.
6. Item 17 must be signed.

Failure to file or publish a statement of ownership may lead to suspension of second-class authorization.



A. R. R. L. Bulletins

From ARRL Headquarters
Newington CT
To all radio amateurs

ARRL Bulletin 64
October 30, 1997

FCC opens vanity Gate 4.

Christmas will arrive a bit early for General, Technician Plus, Technician and Novice Class hams. The FCC has announced that vanity call sign program Gate 4—the last vanity gate—will open December 2, 1997, for General, Tech Plus, Technician and Novice class hams to request a vanity call sign on or after that date. The potential number of applicants from these four licensee groups is huge—well over a half million hams.

Applicants may use either the electronic Forms 610V and 159 on the Web or hard-copy Form 610V and 159—but not both. Both versions—plus fact sheets and answers to frequently asked questions—are available at

<http://www.fcc.gov/wtb/amateur>

The application fee is 50 dollars, payable by check (to "FCC"), bank draft, money order or credit card. Do not send cash. The FCC gives processing priority to electronically filed Forms 610V for which the filing fee and Form 159 have been received. The FCC now requires all vanity filers to include a Form 159, which must be mailed to the FCC with your fee.

It's up to applicants to make sure that their applications do not arrive before December 2, 1997. The FCC will return all applications that arrive early. All other vanity call sign gates will remain open, and Amateur Extra and Advanced class operators continue to be eligible to file for vanity call signs under those filing gates.

Any call sign requested must be appropriate for the class of license you hold. This means that Technician, Tech

Plus, and General class licensees may ask for a Group C (1x3) or D (2x3) call sign. Novice class licensees may only request Group D call signs.

Electronic filers must mail the Form 159 Fee Remittance Advice to FCC, Amateur Vanity, PO Box 358994, Pittsburgh, PA 15251-5994. The Form 159 and the fee must be received within 10 days of electronically filing your Form 610V or your application will be dismissed.

Those filing on document Forms 610V and 159 must mail the application package containing a completed Form 610V with a copy of your license attached, Form 159 and the proper fee in a sealed envelope to FCC, Amateur Vanity, PO Box 358924, Pittsburgh, PA 15251-5924.

Application packages via courier or delivered by hand must be prepared in the same way, sealed in a second, outer envelope, and addressed to Federal Communications Commission, c/o Mellon Bank, 525 William Penn Way, 27th Floor, Room 153-2713, Pittsburgh, PA 15259, ATTN: Wholesale Lockbox Shift Supervisor. This address should only be used for applications delivered by hand or courier.

For general information, call the FCC's toll-free National Call Center, 888-225-5322 (CALLFCC).

ARRL Bulletin 63
October 24, 1997

FCC issues new Form 610

The FCC has announced that as of January 1, 1998, Amateur Radio applicants may only submit FCC Forms 610, 610 A and 610B that carry an edition date of September 1997. After the first of the new year, previous editions of Form 610 will not be accepted for filing by the FCC or by Volunteer Examiner Coordinators (VECs). Amateurs may begin using the new Form 610s now.

The major change on the new form is a certification that says the applicant has "read and will comply with Section 97.13(c) of the Commission's Rules" regarding RF radiation safety and the amateur service section of OST/OET

Bulletin No 65, Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.

But, Amateur Radio Supplement B of Bulletin 65, which has additional information on how to conduct a routine RF safety evaluation and explains other aspects of RF safety, is still in the draft stages and not yet available to the ham radio community. ARRL Executive Vice President David Sumner, K1ZZ, said it's essential that the FCC make Supplement B available in time for hams to complete their evaluations to meet the deadlines in the rules.

ARRL Lab Supervisor Ed Hare, W1RFL, who's been involved in reviewing the draft supplement, said he expects the FCC to release it sometime in November. "Above all, it is important that the required station evaluation be as easy as possible for hams," he said. "The FCC has pretty much met that goal. Additionally, most hams, by virtue of their power levels, will not need to do an evaluation at all."

Section 97.13(c) says that before you transmit "from any place where the operation of the station could cause human exposure to RF electromagnetic field levels in excess of those allowed," you have to perform a routine RF environmental evaluation if your transmitter PEP exceeds these limits: 160-40 meters, 500 W; 30 meters, 425 W; 20 meters, 225 W; 17 meters, 125 W; 15 meters, 100 W; 12 meters, 75 W; 10 meters, 50 W; VHF (all bands), 50 W; 70 cm, 70 W; 33 cm 150 W; 23 cm, 200 W, 13 cm 250 W, SHF/EHF (all bands) 250 W. If the routine environmental evaluation indicates that the RF electromagnetic fields could exceed the maximum permissible exposure limits, you must take action to prevent human exposure.

The new Forms 610 may be obtained from the FCC's Web site via the Internet at <http://www.fcc.gov/formpage.html>, at <ftp://ftp.fcc.gov/pub/Forms/> or by fax at 202-418-0177 (request index, or for Form 610 use form code 000610, for Form 610A use form code 006101, for Form 610B use form code 006102). The FCC

Forms Distribution Center will accept FCC forms orders at 800-418-3676.

ARRL VEs and VE teams will be able to obtain a supply of the new Forms 610 in late November.

Individual amateurs may obtain a copy of the new Form 610 by sending a self-addressed, stamped envelope (SASE) to: ARRL/VEC, 225 Main St, Newington CT 06111. Include 32 cents postage for each Form 610 requested.

ARRL Bulletin 62

October 17, 1997

WRC-97 Opens October 27

Four items of prime interest to Amateur Radio will be on the agenda when the World Radiocommunication Conference 97 (WRC-97) opens October 27 in Geneva, Switzerland. ARRL Technical Relations Manager Paul Rinaldo, W4RI, is a member of the US delegation to the conference. Others attending include IARU representatives Larry Price, W4RA, Wojciech Nietyksza, SP5FM, and Michael Owen, VK3KI. Representing Canadian amateurs on his nation's delegation will be Jim Dean, VE3IQ, of Radio Amateurs of Canada (RAC).

WRC-97 delegates will discuss the so-called "Little LEO" issue during the monthlong session. While the Little LEO industry's preliminary proposals to share 2 meters, 1-1/4 meters and 70 cm generated quite a stir in the amateur community last year, current US proposals do not include any plans for sharing of amateur frequencies. Also of interest to hams is the specter of increased interference on some amateur UHF allocations from Earth Exploration Satellites (EES), used for mapping by synthetic aperture radars (SARs) that are expected to be mostly active in the Southern hemisphere. Amateur radio delegates will make known the needs of our service. WRC-97 will be asked to consider allocating the band 430-440 MHz to EES and upgrading the status of EES at 1240-1300 MHz.

Wind profiler radar systems operating near 50, 449 and 1000 MHz also bear watching because of the potential for interference to Amateur Radio. These

systems are used by weather forecasters to look at wind patterns in the higher atmosphere.

WRC-97 delegates also will set the agenda for WRC-99, where the potential exists to establish a worldwide 40-meter allocation. The current US concept calls for a "harmonized" band at 6900 to 7200 kHz that would be available to hams around the globe. This would mean hams would shift down by 100 kHz while broadcasters moved 100 kHz up the band. Yet to be determined is how fixed services would be handled in the realignment. The IARU is committed to the goal of a 300-kHz worldwide exclusive allocation for 40 meters. Right now, only 7000 to 7100 kHz is available in Regions 1 and 3, where broadcasters dominate the upper 200 kHz of the band.

WRC-97 is scheduled to conclude November 21.

ARRL Bulletin 60

October 10, 1997

State Department applies for US CEPT participation

The State Department has applied for US participation in the European Conference of Postal and Telecommunications Administrations (CEPT) Amateur Radio licensing system. The move, September 22, could eventually make it easier for US hams to operate temporarily in European countries that participate in CEPT. Holders of a CEPT license could operate in CEPT-participating countries without having to apply for a reciprocal license.

"No doubt there will be some give and take between the European Radiocommunications Office (ERO) and the Department of State over the details before the US is accepted as a participant, but an important milestone has been reached," said ARRL Executive Vice President David Sumner, K1ZZ. The application consists of a four-page letter with voluminous attachments. Last year, the FCC had asked the State Department to apply for participation in the CEPT Agreement as a non-CEPT country.

The action follows in the wake of an earlier suggestion by the ARRL to the

FCC that the US take advantage of the CEPT Recommendation T/R 61-01 arrangements and issue a CEPT license that would be recognized by other participating administrations and valid for visits.

Last fall, the FCC proposed amending the Amateur Radio rules to make it easier for hams holding a CEPT license or an International Amateur Radio Permit (IARP) to operate during short visits to the US.

ARRL Bulletin 59

October 3, 1997

ARRL seeks changes to CW waiver rules

The ARRL has asked the FCC to change the way Morse code exam exemptions for severely handicapped applicants are handled. The League wants to change the procedural requirements in Part 97 that must be met, prior to granting examination credit.

Under the League's proposed changes, a candidate at least would have to attempt the CW test--with any and all necessary accommodations--before being granted an exam waiver based on a physician's certification. Also, Volunteer Examiner Coordinators (VECs) would be entitled to request medical information pertinent to an applicant's handicap from the certifying physician. VECs also would be required to have this information on file before the application is forwarded to the FCC for processing.

In its petition filed September 23, the League said the two "rather minor changes" are needed to restrict the waiver process to use by severely handicapped individuals "for whom the process was intended in the first place and who deserve the substantive accommodation." The League also said the changes would "stem abuses" of the waiver system without putting unreasonable burdens on examinees.

The CW waiver system has been in effect for seven years. The League says that experience has shown that many applicants without severe handicaps "have abused the process" by obtaining physicians' certifications of inability to

pass the telegraphy examination. At present, 8 of those applying through the ARRL-VEC have requested a medical exemption from the higher-speed code requirement. Another large VEC reports similar experience. The League cited "a growing suspicion" in the ham community of anyone who has upgraded by using the waiver route. But the League said this is "completely unfair to those who require and deserve the exemption because they cannot be accommodated by procedural means."

FCC rules requires volunteer examiners to exercise broad latitude in administering CW exams to accommodate handicapped applicants. Measures include using a flashing light or vibrating surface for hearing-impaired applicants, pausing in sending after sentences, phrases, words or even characters to allow an examinee time to interpret, or even substituting a sending test for a receiving test. Instead, the League observed in its filing, there is "a tendency for applicants to seek exemptions instead" of accommodations.

The League said it believes the procedural changes alone will help to deter those who might abuse the process while still allowing exemptions to deserving applicants.

ARRL Bulletin 58

October 3, 1997

FCC announces electronic renewal Form 900

Hams now can renew their licenses on line. The FCC's Wireless Telecommunications Bureau (WTB) has consolidated eight renewal forms into one form. Form 900, Application for Electronic Renewal of Wireless Radio Services Authorizations, is an interim measure to permit all WTB licensees, including hams, to renew their licenses electronically.

This form is only for renewals, not for license modifications. You can only enter changes (eg, name, address) using Form 900 as a part of the process of renewing your license. You can only use Form 900 if the expiration date on your license falls within the renewal window (within 120 days of expiration). You cannot use Form

900 to renew an expired license. Form 900 may only be submitted electronically. No Form 900 paper applications will be accepted. When filing Form 900, you will be required to enter a Social Security Number for a taxpayer ID number.

Access Form 900 on the WTB Electronic Commerce page,

<http://www.fcc.gov/wtb/electcom.html> (click on Production Page for Electronic Commerce Applications to access the Form 900). Click on any item number for filing instructions. Once you have filed the form, clicking on Electronic Renewal Query lets you view or print the information submitted.

Once you have successfully submitted Form 900, it is important to click on the Continue button to obtain the fee information pertaining to your filing. The screen will prompt you with a Fee Remittance Advice, Form 159. The form will indicate that there is no charge to renew an Amateur Radio license (except for vanity call sign holders, who won't have to renew for several more years yet).

Form 900 updates will be batch processed at night. They are not instantaneous.

Send comments about the FCC Form 900 to sreed@fcc.gov. For technical assistance, call the FCC Technical Support Group at 202-414-1250. Other general information may be obtained from the FCC's National Call Center at 888-225-5322 (CALL-FCC).

ARRL Bulletin 57

September 29, 1997

Doug DeMaw, W1FB, SK

Acclaimed ham radio icon Milton F. "Doug" DeMaw, W1FB, died September 28. He was 71. One of the most widely published technical writers in Amateur Radio, DeMaw was diagnosed with leukemia earlier this year and had been in failing health in recent weeks.

DeMaw was first licensed in 1950 as W8HHS. An electrical engineer, he was a member of the ARRL Headquarters staff for 18 years—from 1965 to 1983—and served as Technical Department Manager and Senior Technical Editor from 1970 to

1983. During his tenure at HQ, DeMaw served as editor of The ARRL Handbook. In 1970, he engineered the shift in emphasis toward solid-state design in QST and the Handbook. He has hundreds of articles in QST and other publications to his credit. DeMaw also was founder and publisher of VHFer Magazine. (His wife, Jean, W1CKK, also worked on the Headquarters staff.) DeMaw was a life member of the ARRL and a senior member of the IEEE.

After retiring to the family farm in Luther, Michigan, he was elected chairman of the Lake County Board of Commissioners and continued to write books and articles. He also tried his hand in the Amateur Radio business as proprietor of Oak Hills Research. Among his other books, DeMaw wrote W1FB's Design Notebook, W1FB's QRP Notebook, W1FB's Antenna Notebook, and The ARRL Electronics Data Book, which remain popular. In recent years, DeMaw also penned a regular column for CQ magazine.

A former ARRL colleague, Membership Services Manager Chuck Hutchinson, K8CH, counted DeMaw among his friends. "Doug loved to experiment with circuits and antennas. He also loved to encourage others to try their hand at building," he recalled. Hutchinson said DeMaw not only wrote prolifically about ham radio but also about gardening, another of his avocations. "He was an avid gardener and cook," he said. DeMaw also was an outdoorsman and hunter. "He loved to hunt with bow and rifle--both modern and muzzle loader. He was very good at throwing a knife or hatchet," Hutchinson said. Paul Pagel, N1FB, also was one DeMaw's colleagues during his days at ARRL HQ. "Amateur Radio benefited greatly from his work," Pagel said. "He was a multifaceted man. I doubt there was anything he couldn't do if he set his mind to it." Jerry Hall, K1TD, who also worked with DeMaw during his years at HQ, called DeMaw a writer of "uncanny" ability. "Doug could write it once, and it was done," he recalled.

Survivors include DeMaw's wife, Jean, and a son, David, N8HLE, a technical writer who lives in Connecticut.

ANNOUNCEMENTS

VE exams on 3rd Monday of each month sponsored by C.O.R.A. 1800 @ Salvation Army HQ at NW 50th and N. Penn, Oklahoma City.

VE exams on 3rd Saturday of each month are held at 0900 at Southern Temple Baptist Church, 1821 S High, OKC. Talk in on 146.76 MHz. For more information contact Audie, AA5GB @ 799-9916.

VE exams by appointment only on 4th Tuesday of each month at 1800 in the Shawnee Public Library, 101 N. Philadelphia. Call J. W. Drummond at 275-3935 for more information.

VE exams on 2nd Saturday of each month sponsored by SCARS are held at 1000 at the American Red Cross in on Westheimer Airport in Norman. Contact Jim Copeland, NW0K at 329-1681 for more information.

VE exams on 4th Tuesday of even months are held at 1830 at the Altus Vo-Tech in Altus, OK. Contact George Mateyo AA11J for details.

VE exams on the 2nd Sunday of odd numbered months sponsored by the Stillwater ARC at 1500 in the OSU Engineering North Building, Room 316. Contact Ken, K5KC (405) 377-7586 for details.

VE exams on the 1st Saturday of each month at 1430 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.

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

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

HF 3900kHz; Packet 145.07

AMTOR @ 8:30 a.m. 14.064MHz

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

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

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

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

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

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

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

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

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

Oklahoma Training Net - Daily @ on 3692.5 kHz from 6:00 p. m. till about 6:45 p. m.

Oklahoma State Net - Daily @ on 3692.5 kHz from about 7:10 p. m. then, again from about 9:45 p. m. till about 10:05 p. m.

WK6R RECOVERING FROM HEART SURGERY

Former ARRL Hudson Division Director Richard Sandell, WK6R, is convalescing from heart bypass surgery he underwent October 7th.

According to Stephen Anderman, WA3RKB, of This Week in Amateur Radio, Sandell was hospitalized in late September after complaining of chest pains. His wife Phyllis, KD2OG, says get well wishes may be sent to him at: Richard Sandell, WK6R, 441 Central Ave., Box 1367, Scarsdale, New York 10583

We at Newsline know that you join with us in wishing WK6R a speedy recovery. (Via Hudson Division Loop)

A TEETHING RING OF RF

And finally this story out of Budapest Hungary where man went back to his dentist and said he could not sleep. This, because his new dentures were broadcasting the state radio station, into his head, 24 hours a day.

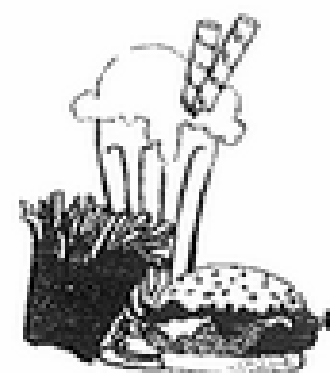
Not believing the story, the dentist accompanied the 69 year old patient back home. Sure enough, the sound of music was loud and clear coming from the patients mouth.

The fix? The dentist laced the man's mouth with extra-thin wire causing a short-circuit in the receiver that he had inadvertently installed in his patients mouth.

(Via published news reports)

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GLYNN MASSEY

KCSVZN
JAN MASSEY

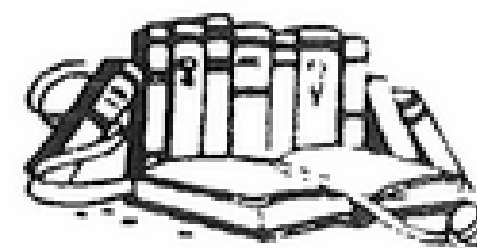
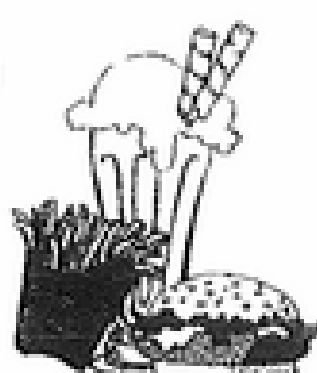


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November 9 to December 13, 1997 Schedule of Events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9 1:30 p.m. Wheatstraw	10	11 VETERANS DAY	12	13 11:30 a.m. VHF Club 7:00 p.m. Altus Area ARC	14	15
16 2:00 p.m. EARS	17 6:00 p.m. CORA VE Exams 7:00 p.m. CARC	18 7:30 p.m. OCAPA	19	20 7:30 p.m. TSARG	21	22 9:00 a.m. VE Exams SBC
23	24	25 7:00 p.m. CORA	26	27	28 C&E Deadline 	29
30	1	2 6:30 p.m. LFSARC 7:00 p.m. Shawnee VE Exams	3	4 7:00 p.m. Aeronautical Center 7:30 p.m. CARA	5	6 10:00 a.m. Ada ARC
7 2:00 p.m. VE Exams ARC	8	9	10	11	12	13 09:30 a.m. SCARS

KB6LQS to fly balloon around the world

The ham who co-piloted a lightweight aircraft around the world nonstop is about to try the same trip by balloon. In 1986, Dick Rutan, KB6LQS, and Jeanna Yager, KB6LQR, flew the airplane Voyager around the world without refueling. Now, almost a decade later Rutan says that he is ready to go around the world again. This time with famed high altitude balloonist Richard Abruzzo.

Abruzzo is the previous holder of the absolute balloon duration record, set in 1992 during a flight from North America to Africa.

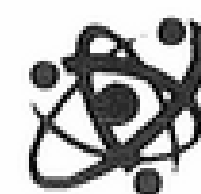
He and Rutan will pilot a 170 foot tall balloon called the Global Hilton on an estimated fifteen day mission.

The Global Hilton will be filled with helium in one compartment and hot air in another. The two pilots will live in an 8 foot sphere suspended below. At a Washington press conference on October 15th, Rutan said that the craft will be ready for launch from Albuquerque, New Mexico, on or about January 1st of next year. But its launch could be delayed as late as March 1st depending on weather conditions along the line of flight.

Rutan and Abruzzo are the latest team that have announced plans to try the global, non-stop balloon flight. The others include British billionaire Richard Branson, the Swiss-Belgian team of Bertrand Piccard and Wim Verstraeten, Bob Martin,

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KC5LHL and the Dymocks Flyer from the Australian Dymocks Booksellers and an attempt by former Chicago commodities broker Steve Fossett.

The Global Hilton venture, which is estimated to cost about one million dollars, is sponsored by Pepsi Cola, Hilton Hotels and Barron Hilton, chairman of Hilton Hotels. At air time it is unknown if KB6LQS will carry a ham radio station on the flight.
(Via published news reports)