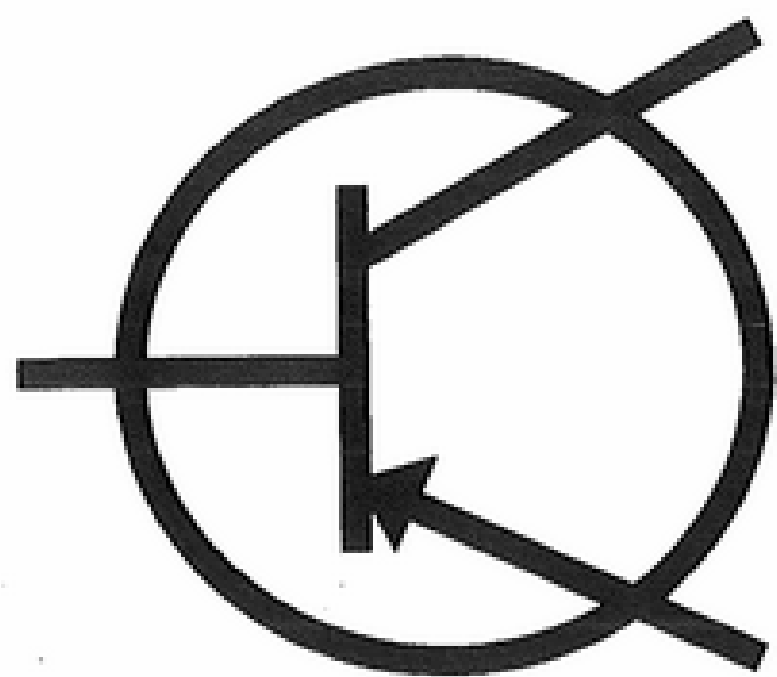




Collector & Emitter

Postmaster See Page 2
For Postal Information

Periodical Mail

Central Oklahoma Radio
Amateurs, Inc. Publication

January 2002
Volume 28, Number 1
Issue 323
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Coffee Break, Who Buys?

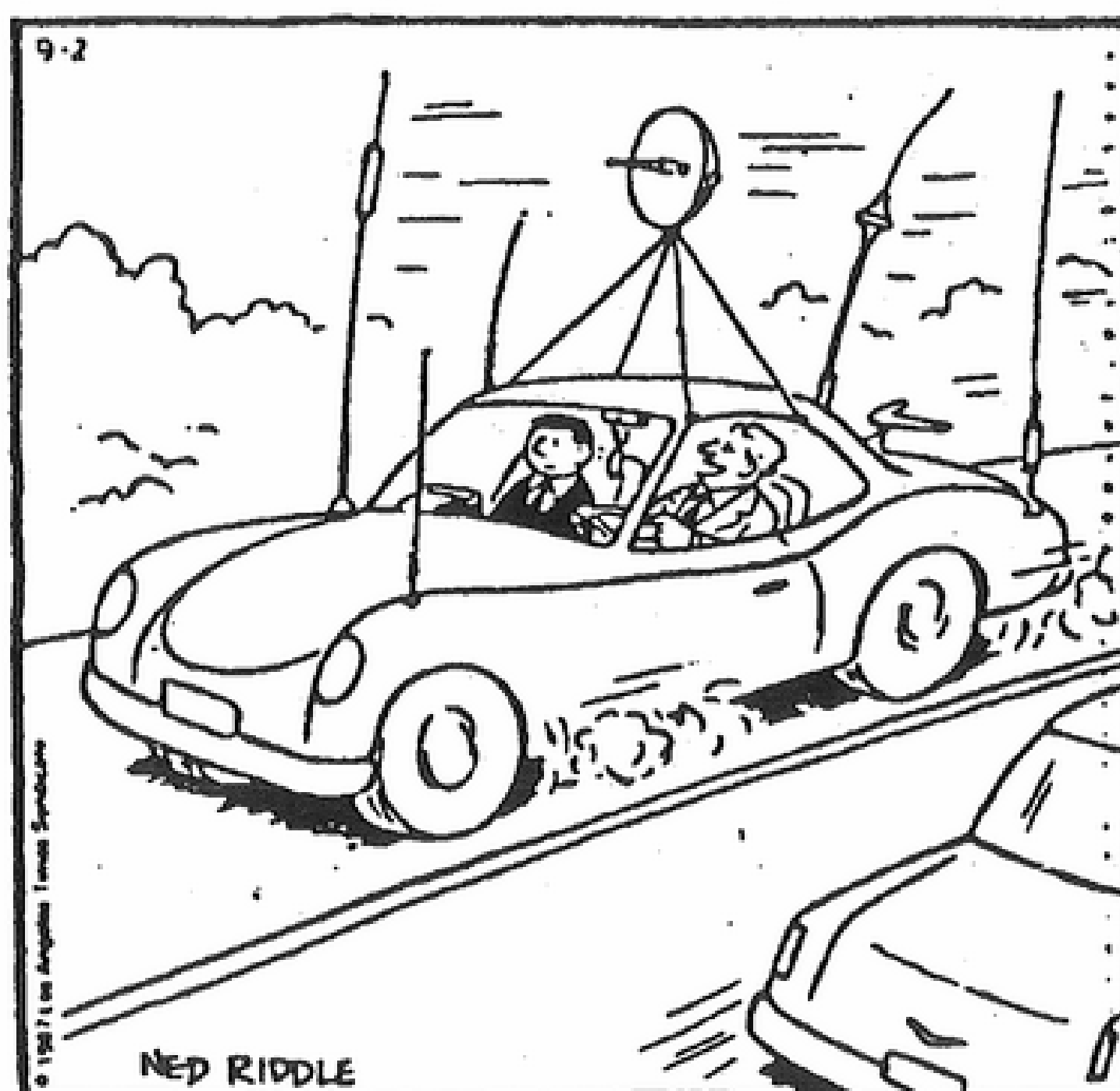
Page 4

The Law: New Hampshire Ham Wins Antenna Case

Page 6

ADA ARC HAMFEST

Page 10



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

ARRL CONTEST CALENDAR

PAGE 16 -18

W1AW 2002 Winter Operating Schedule

Page 20

AR Newslite: FCC Enforcement News

Page 22

Collector & Emitter

Linda G. Miller, N1LPN

Editor

Circulation Manager

**Central Oklahoma Radio
Amateurs, Inc.**

President: Ron McCubbin, KC5QCV

V Pres.: Chuck Kanach, KC5EVS

Secretary: Forrest Rush, N5VWF

Treasurer: Dave Duskin, NE5S

Web Page -

www.geocities.com/heartland/7332

Dear Subscriber:

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

2002/12	1	2	4	6	MZ
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The "2002/12" 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.

January 2002

VOL. 28, No 1 Issue 323

**Collector and Emitter
(USPS 116-150)**

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Del City, OK 73115-5600

1. Aeronautical Center ARC Meets: 7:30 p.m., 1st Thursday, FAA, S. MacArthur, OKC Pres.: Clarence Warstler, KB5IBY 632-3545 VP: Sec./Tr.: Paul Solheim, WB7QIN 381-3574 Editor:	10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Jim Hood, K5TT 405-732-6131 VP: Dave Ratliff, W5ATV 918-446-5957 VP: Jim Green, N5PMP Sec./Tr.: Jerry Chouninard, K5YAA 918-341-2659 Editor: Nelson Derks, AC5UP 918-451-1594
2. Oklahoma Central VHF ARC Meets: 11:30a.m., 2nd Wednesday, Home Town Buffet, 3900 NW 63 rd , Oklahoma City Pres.: Bill Noland, WA5FWD 354-5018 VP: Gene Hawkins, KA5CTN Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI 842-3055 Editor:	11. Edmond Amateur Radio Society Meets: 2:00 p.m., 3rd Sunday, Edmond Community Building 28 E Main, Edmond OK Pres.: Dick Stinson, KK5XO 348-6542 VP: Brad Thomason, AC5CQ Sec: Bruce McCubbin, KD5LVV Treas.: De Stinson, KD5LSK Editor: Curtis Foote, KC5GEP 359-6514 http://edmondsun.com/ears e-mail: k5eok@arrl.net
4. Oklahoma City Autopatch Assn. Meets: 7:30 p.m., 3rd Tuesday, Salvation Army Bldg. At 44 th Street & Bryant Pres.: Mark Hamblin, WL7FT 732-2087 VP: Mark Watkins, NM5W 340-8596 Sec: Clay Mayrose, WA6LBU Treas.: D.C. "Mac" Macdonald, K2GKK E-mail: ocapa@juno.com	
6. Altus Area Amateur Radio Assn. Meets: 7:00 p.m. 2nd Thursday, Southwest Area Vo-Tech Center, 711 W Tamarack Altus, OK Pres.: Dale Town, N5VX 580-477-4027 VP: Mike Schenkel, W5VXU 580-846-5578 Sec: Debbie Grime, KD5LMW 580-480-1252 Treas.: Fred Molledahl, AB5FS Editor: Lil Town, KC5CNA 580-477-4027	15. South Canadian ARS Meets: 9:30 a.m., 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Ed Berkowitz, N3US 364-8884 VP: Bill Baker, N5UMH 366-8641 Sec: Jeff Wyke, KT5OK 329-6762 http://www.telepath.com/n5dkr
7. Enid Amateur Radio Club Meets: 7:00 p.m. 4th Thursday, American Red Cross 400 N Grand, Enid, OK Pres.: Dean Feken, KL7MA 580-336-3326 VP: Ralph Gandy, N0NOU Sec: Tim McAnally, KD5KTB 580-234-0948 Treas.: Theresa Locke, KC5TTD Editor:	17. Ada Amateur Radio Club Meets: 9:00 a.m., 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Charles Eiter, KC5TGA 580-436-4425 VP: Danny Coffey, KM5LB 580-759-2670 Sec: Darla Coffey, KC5RGU 580-759-2670 Tr: Scott Renes, KD5AJL 580-436-1369
8. Choctaw Amateur Radio Club Meets: 7:00 p.m., 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Chuck Kanach, KC5EVS 390-2231 VP: Bill Tarkington, KC5ICR Sec: Kay Hlozman, KB5VJR 391-3398 Treas.: Larry Brewer, K5VVD Editor:	19. Tri-State Amateur Radio Group Meets: 7:30 p.m., 2nd Thursday, Woodward, OK Pres.: Larry Goodwin Sr. K5LHG 580-886-3283 VP: Gerald Bowman, W5AOK 580-994-5600 Sec/Tr: David Maas N7HRT E-mail: w5okt@arrl.net
9. Wheatstraw Amateur Radio Club Meets: 1:30 p.m., 2 nd Sunday, Location Varies Pres.: Leo Piel, WZ5H 580-886-2998 VP: Ray Barnes, AB5Z 580-274-3334 Sec/Tr.: Joe Garland, WA5FLT 405-893-2660 Editor: Ralph Wilder, Wa5PEK 405-623-5421	Central Oklahoma Radio Amateurs Meets: 12:00p.m., 2nd Saturday, Skyline Restaurant, SE 15 th ST and I-35, OKC Pres.: Ron McCubbin, KC5QCV 341-0591 VP: Chuck Kanach, KC5EVS 390-2231 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Dave Duskin, NE5S Editor: Linda G. Miller, N1LPN 672-7735 E-mail: corahams@swbell.net

Deadline for February Issue of *Collector and Emitter* is Friday 25 January 2002. Send all Articles to *Collector and Emitter*, 4216 Spiva Drive, Del City, OK 73115-4424 on 3 ½ inch floppy or e-mail to corahams@swbell.net. Articles received after the deadline may not be printed that month. Club updates, meeting changes & VE Test changes should be sent in separately by email or through the USPS mail.

Central Oklahoma Radio Amateurs, Inc

Minutes of the CORA meeting for January 12th, 2002

The CORA luncheon started at 12:00 noon at the Skyline Restaurant, and a fine lunch was had by all.

The meeting began at 1:00 PM and was opened by Chuck, KC5EVS, vice president and acting President of CORA. Nineteen directors from six clubs attended plus the Vice President, Secretary, and Treasurer of CORA. There were seven visitors; W5PDH, K5OL, KD5LPV, KA8NBQ, KC5KJE, WB5SYT, and K5DLE.

Chuck, KC5EVS, opened the meeting. Hal and Linda Miller were recognized for all the work they had given both to the C&E and to CORA.

Secretary's Report

The secretary of CORA gave the minutes for the meeting of November 27th, 2001. The minutes were approved.

New Business

Chuck did not want to be president of CORA, as he had little experience in the organization, and Ron McCubbin, KC5QCV, was nominated and elected President of CORA, and took over the meeting.

Linda Miller volunteered to be Editor of the C&E, provided that the printer takes over collating and mailing the C&E. This was agreed to. Linda is now Editor of the C&E.

As was expressed in the December issue, with the postal rate increase coming in July 2002, the C&E will have to go to a dollar an issue. Compared to many other magazines out there, the C&E is a bargain.

In the October 2001 issue was a month by month breakdown of the cost of the C&E. The bottom line then was that it barely broke even at present costs at \$0.75 an issue. With the upcoming rate increase in July by the USPS and the extra cost of

letting the printer collate and mail the C&E, our best estimate is that the break even will be a \$1.00 an issue.

CORA exists to put on Ham Holiday and to publish the C&E. It is recognized nationwide. At the present time CORA subsidizes C&E by about \$75.00 a month. The cost of letting the printer collate and mail the C&E for us is about \$40.00 to \$60.00 a month. Going up to a \$1.00 an issue should put the C&E into the black.

The CORA directors will be going to their respective clubs to explain to their members why we have to do this, and to ask for approval of it. If CORA gets approval from its member clubs it will go into effect.

HH 2002

An exploratory committee was formed to see if they could find an alternate site for Ham Holiday. Members of the committee are Gene, KC5CNT; Chuck, KC5EVS; and Ron, KC5QCV.

New Meeting Site

The meeting site and date have changed. Beginning in February 2002, CORA will meet at the Skyline Restaurant on the second Saturday of every month. Lunch will be at 12:00 noon, and the meeting will start at 1:00 PM. Talk-in frequency is 146.82 (-).

The next meeting will be at 12:00 noon at the Skyline Restaurant on February 9th, 2002. Hope to see you there!

Respectfully Submitted,
Forrest Rush, N5VWF
CORA Secretary

From the editor's desk:

For those of you that have not heard the news yet, the *Collector and Emitter* has a new Editor. I am not really new, I have been doing the job for some time now. The reason I was doing the newsletter was Hal, KB1ZQ was working long hours at as he says 'his real job' and just did not have enough time to do much else. When Hal resigned as Editor in December, I resigned as Circulation Manager as well. There were some major issues that needed to be addressed by the Clubs that make up CORA before we could print another C&E. These issues were addressed at a Special CORA MEETING held 12 January 2002.

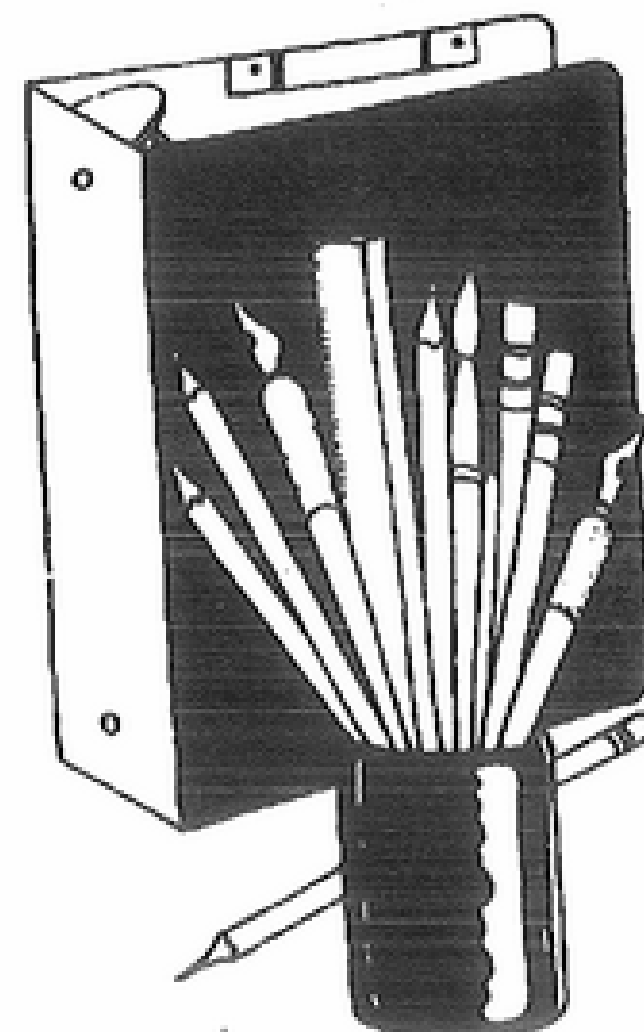
I can say with all honesty that when I attended that meeting, I had not planned to raise my hand to become the new editor. I was actually looking forward to the stew they served and that was it. Hal waited until we were at the meeting to turn around and tell me that if I wanted to run for Editor, go for it if I wanted to! Hal stated he would be close at hand to help me in areas I have problems with. So, as I worked on a Word Find Puzzle and listened to the meeting, I wondered if I should just go for it as Hal had advised.

I love this community and the dream of CORA. I know there are a few individuals who get upset when we refuse to print articles that would degrade instead of promote Ham Radio and I will continue to refuse articles that degrade those of us who enjoy this hobby. As the new Editor, I will continue the policies Hal started that were approved of by the CORA Board years ago.

Chit-Chat will come back later this year. I have a story I need to continue writing before I start writing Chit-Chat again. I will keep you posted.

Thank you all for attending the Special CORA Meeting and having your voices heard. It was good to see everyone again and some new faces as well. Also thank you for all the kind words and all the hugs, hugs are a good thing!

Until next month,
Linda, N1LPN



Coffee Break, Who buys?

Tri-State Amateur Radio Group

© 2002 Jerome Doerrie, K5IS

On the repeater, frequently we will hear, "I'll buy you a cup of coffee." People have been meeting for a "cup of coffee" for a long time. In the late 1950s my mother, Lola, and Vera worked as waitresses in the local Coffee Shoppe Café. They returned the jokes on the customers and what one would not think of, the other would. There was the usual "fly" in the acrylic ice cube, the drippy water glass, and the coffee cup that was shaped as a half moon for those that only wanted "half a cup!" They had one coffee cup specially fitted with a suction cup. Vera would wipe down the counter top with a wet cloth and Lola would plant the coffee cup firmly on the counter. They would distract the customer with a bit of small talk while the suction was set.

"What's the matter Charlie? Too weak to lift a coffee cup!"

Charlie would put on quite a show trying to lift his coffee. People would come to the café just to see the latest joke.

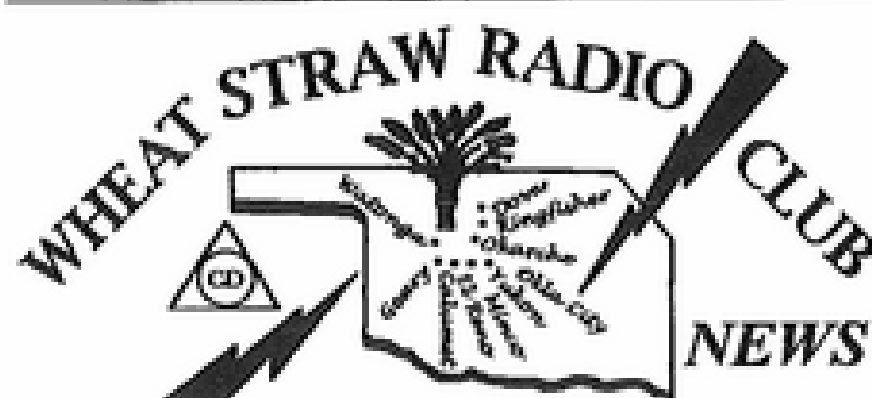
Some people are pretty good at dishing out, but not very good at receiving practical jokes. One of the local clubs had a "golden microphone" award for the best repeater user of the year. It was presented more as a roast, than a toast, but all in good fun. My friend was good at roasting others, but when he received the award, he decided that no one liked him and with a burst of anger, he quit that club.

Many personality types are found in ham radio. For me, the most annoying belongs to the "know it alls." Without any first hand experience they will try to tell others how it should be done. I recently was "button holed" by a fellow that has not been published, actually hasn't ever written anything. Rather than taking a gentle approach of asking if it could be done this way, or asking if I had tried such and such, he came on strong with it should be done his described way. All too often, in our discussions we come on "strong" rather than "gentle." Without personal experience in the matter, you will not have credibility! Sometimes what should be easy is not! It took longer to get the box around the table of prices to print correctly than it did to write this article! It takes "having been there and done that" in order to gain appreciation of the silly little problems that come with technology.

Magazine	Sub	# issue	Price per issue
ARRL/QST	39.00	12	3.33
CQ	29.95	12	2.50
73	24.97	12	2.08
WorldRadio	14.79	12	1.23
VHF+	16.00	12	1.33
Low Down	12.00	6	2.00
QRPp	15.00	4	3.75
10-10	10.00	4	2.50
C&E	12.00	12	1.00

In my articles, I like to teach concepts by telling stories, or writing in a manner that entertains while presenting a lesson. In CORA, some members have lost sight of the fact that by cooperating together we have a newsletter that is cheaper and better than anything we can do as individual clubs! There are those that say C&E should be delivered on the Internet. Until you have had extensive experience at maintaining web pages, doing e-mail reflectors, cussing poor service from ISP (internet service providers), and editing a newsletter, don't even think it! While it appears that it would be easy for you to download, there are questions of intellectual property rights and copyright law that need answers before C&E goes on the web. Then there will be problems that come with the different browsers, different computing platforms, and incompatibility of word processors. Who will run the "help" desk for these problems? Going on the web would at least triple the hours of effort for an issue of C&E. The web is not a solution.

The whole issue concerns 50 cents. If you won't pay a dollar for C&E, why should I believe that you would buy my cup of coffee? Our answer is simple, pay the price! C&E is a good bargain!



WHEAT STRAW NEWS

December 9, 2001 the club had their Christmas dinner, catered by the End-Of-Main of Watonga.

President Leo, WZ5H called the meeting to order at 2:30 p.m. with twenty-eight persons in attendance. Ron, WD5HUT opened with prayer. Ralph, WA5PFK led the United States pledge of allegiance. Then the President called for self-introductions. We had two visitors: Lyn and Sandra Leo's granddaughters. They were happy, jolly young ladies. They helped us out with the Christmas party after the meeting.

We were honored by the presence of Coy Day and wife at our dinner and meeting. Coy just returned from an ARRL meeting and informed us that the foreign countries want to delete all code from the testing; however, the United States is trying to keep code as part of the requirements.

I think Coy got a surprise, I know I did because the Russians voted to keep the code. Coy was tired; he worked hard for our rights as Amateurs. Let's all let him know that we appreciate what he is doing for the amateurs of our country.

Ralph, "Said several years back when Joe Harding was the editor of the C & E, an associate club got over two years behind and could not pay for the C & E. So they resigned from CORA. Another associated club was one year behind on paying for the C & E." During the CORA staff were asking the associate clubs please send one or two of their members to the CORA meetings to help in making decisions for progress of the C & E and Ham Holidays decisions and etc.

I talked to the members of Wheat Straw at the meeting. I said, "I am in the middle of the road, I would like to have some one else take the reporters job." I could talk against the raise and against the management of the C & E and Ham

Holidays but as long as I am elected I shall say and write the truth. The best for the Amateurs and the organization to the best of my ability.

Ray, AB5Z asked Leo WZ5H if he was going to have another class for radio license. Leo said, "he will if he can have at least five or more, and find a place to have the school. If you wish to take radio license schools get on the ball and let Leo know your intentions. Verna, KC5HKD made a motion we support the C & E only. If the other associated clubs will do the same to keep the C & E and Ham Holidays alive and well. The motion passed. But in this motion all other associated clubs have to do their part to support CORA.

Next came the elections of officers. The nominations were made in November. AB5Z nominated Ron, WD5HUT to be President. Wanda KC5GTW made a motion that nominations cease. Ron, WD5HUT was elected President. Joe, WA5FLT was elected secretary and treasurer. Ralph, WA5PFK was elected reporter. The Christmas party was on. There was a lot of drawing, taking and drawing again. We had lots of fun. Then Leo presented the gavel to the 2002 President Ron, WD5HUT. The meeting was adjourned. Ralph, WA5PFK

I WAS PLANNING ON WRITING a Christmas story but I did not think that I had time to write it in the last of November. Instead I am writing something that is near and dear to my heart. My late wife, Goldie, passed away January 6, 1999. I would like to share a part of our 50th Wedding Anniversary Ceremony—the renewal of our wedding vows.

Our ceremony began with a prayer by my good friend Father Joe Kolb.

Our granddaughter, Janet Rebekah, (son John's daughter) sang a solo to us entitled: "Whither Thou Goest" Whither thou goest I will go. Whither thou lodgest I will lodge. Thy people shall be my people. My love story now is told. Thy people shall be my people. My love, Whither Thou goest I will go, Whither thou goest I will go.

Our son-in-law, Frank (Carol's husband) gave a reading from I Corinthians 13:

"Though I speak with the tongues of men and of angels, and have no love, I am become as sounding brass, or a tinkling cymbal. And though I have the gift of prophecy, and understand all mysteries, and all knowledge, And though I have all faith, so that I could remove mountains, And have not love, I am nothing. And though I bestow all my goods to feed the poor, and though I give my body to be burned, And have not love, It profiteth me nothing. Love suffereth long and is kind. Love envieth not; Love vaunteth not itself, it is not puffed up, Doth not behave itself unseemly, seeketh not its own, is not easily provoked, thinketh no evil, rejoiceth all things, Hopeth all things, Endureth all things, Love never faileth: And now abideth faith, hope, love, these three; But the greatest of these is love.

Our grandson, John III led in a responsive reading from Psalm 103:

Praise the Lord, my soul! All my being, praise His holy name! Praise the Lord, my soul, and do not forget how kind He is. The Lord is kind and Merciful. The Lord is merciful and loving, slow to become angry and full of constant love. As is a father is kind to his children, so the Lord is kind to those who honor Him. The Lord is kind and Merciful. But for those how honor the Lord, His love lasts forever, and His goodness endures for all generations of those who are true to His covenant and who faithfully obey His commands. The Lord is kind and Merciful.

Father Joe led the congregation in John 2:11 and then began the vows, but you have heard lots of times the wedding vows. All the difference is the word *renewal* is used in the proper places..

CANDLE LIGHTING CEREMONY / TOKEN OF LOVE

"Candle lighting of this candle symbolizes the love that has shone brightly for 50 years between Ralph and Goldie"

Our daughter, Carol, read this poem entitled: LOVE

I love you Not only for what you are, But for what I am When I am with you. I love you, not only for what you have made of yourself, but for what you are making of me. I love you for the part of me that you bring out, I love you, for putting your hand

into my heaped-up heart and passing over all the foolish, weak things that you can't help dimly seeing there, and for drawing out into the light all the beautiful belongings. That no one else had looked quite far enough to find. I love you because you are helping me to make of the lumber of my life not a tavern but a temple; out of the works of my every day not a reproach but a song A song of greatest...., the give of Love.

Janet Rebekah then sang "The Greatest Love"

The final prayer was given by Father Joe:

"May God, the almighty Father, give you joy. May the only Son of God have mercy on you and help you in good times and in bad. May the Holy Spirit always fill your hearts with love. Let us now go in peace to love and to serve the Lord and each other."

Goldie and Ralph wish to thank each and every one who came to our 50th wedding anniversary. We thank you from the bottom of our hearts for cards, phone calls, and gifts of love. The golden picture frames, the beautiful flowers, and the 50th couple of Teddy Bears from Teddy town Figurines.

You and our children gave us a day to cherish with wonderful memories as long as time will allow. Signing your name in our guest book will continue our memories of you as we grow into our golden years.

A big thank you to Beverly and Joe Lee Berig from Okeene, for baking the cakes. They were so good. All the decorations of the cakes and tables. The punch and every thing was so perfect.

Thanks to the ladies who did the serving; Alice Brickman served the large white cake. Pat Null served the chocolate cake, and Hazel Gordon served the punch.

With all our love,
Goldie and Ralph Wilder

Tri-State Amateur Radio Club W5OKT

Our annual club Christmas party was held Thursday, December 13th at 7:00 p.m. in the Northwestern Electric Building. A pot luck was served with the club providing the ham and turkey. Santa made an early appearance delighting both young and old. Some hams were wondering how to get that coveted North Pole QSL card

Jim (NW5OK) read a news item addressing the Russian stand on the abolition of the CW examination requirement; they felt strongly that removing the CW requirement would change the HF amateur bands into another CB situation. The consensus of our club is that the requirement should remain in place, as CW may be the only means of communication during an emergency.

The club has made arrangements with the Co-op in Vici to house 444.950 + (88.5) repeater. We hope to have a crew up there getting things operational after the holidays.

The Friday night nets are currently being held on an alternate repeater, 145.39 (-) 88.5 tone, until the 147.36(+) 88.5 repeater is in operation again. The club welcomes all amateurs, club members or not to join us at 9:30 p.m.

Jim (NW5OK) and Bud (NØVRW) provided our club webpage with a new dynamic look, surf by and check it out. <http://paht.vwh.net/w5okt/>

VE testing is provided the Tri-State Amateur Radio Club has needed on the second Saturday of each month in Moreland, OK. A test session has been established for January 12, 2002. To arrange for testing, contact: Jim (NW5OK, 994-6118) or Gerald (W5AOK, 994-5600).

Submitted by
Dave Maas
N7HRT

AMATEUR RADIO NEWSLINE(tm) REPORT #1274 - January 11 2002

The following is late news about Amateur Radio for Radio Amateurs as prepared from Amateur Radio Newsline™

THE LAW: NEW HAMPSHIRE HAM WINS ANTENNA CASE

Meantime, a lot closer to the ground, the ARRL Letter reports that a New Hampshire ham appears to have won a battle to erect an antenna support structure on his property. But says the League, it remains to be seen, however, whether Jerry Muller, K0TV, of Hudson will be allowed to erect the extensive system of three towers that he'd originally planned.

Unlike many amateur antenna battles, this case did not pit Muller against the town. In December 1998, Muller applied for a permit to erect three 100-foot antenna structures on his property, and the town of Hudson granted the permit. Three of Muller's neighbors appealed the grant of the permit, but the Hudson Zoning Board affirmed the grant. The neighbors then sued the town and won, resulting in the order for Muller to dismantle the towers.

Now, in a 4-0 vote, with one justice abstaining, the Supreme Court of New Hampshire has reversed a lower court ruling but it is not a 100% victory. Writing for the court, New Hampshire Chief Justice David A. Brock concluded that the lower court's order requiring Muller to dismantle his towers violated the limited federal preemption known as PRB-1 as well as New Hampshire's statutory codification of PRB-1. However Brock also agreed with the lower court that Muller's three-tower installation did not qualify as a "customary, incidental and subordinate" accessory use permitted by Hudson's ordinance.

While another amateur in Hudson has a tower at the same height, there are no instances of three such towers on the same property. Nevertheless, Brock said that Muller's installation may be permitted within the framework of PRB-1, if Muller can demonstrate that his three towers are necessary to "reasonably accommodate" his communications needs. (ARRL)

Enid Amateur Radio Club

Enid Amateur Radio Club (EARC) Minutes – Thursday, December 8th, 2001

President: Dean Feken-KL7MA

Vice President: Ralph Gandy-N0NOU

Treasurer: Theresa Locke-KC5TTD

Secretary: Tim McAnally-KD5KTB

Minutes of Meeting:

After a great Christmas dinner at Amarillo Mesquite Grill, President Dean (KL7MA) called the meeting to order at 8:07 pm Thursday, December 8th. Everyone was welcomed and there were 35 present including 6 kids. John-KA7GLA, Leo – WD5FQK, Greg & Maryetta Veit – KD5MFY, Dan Voth – KM5DH, Rhonda & Mari Ryan, Tim – KD5KTB, Devon, Caitlin & Meghan McAnally, Dale – WD5GUG, Shelva Jean – N5VMR, Frank – KC5PCI, Clint Clay & Nina – KB5OEQ, Darren – KM5BQ, Theresa – KC5TTD, Dave – KC5SII, Sharon & Ron Clinton – WD5HUT, Al Fox – KD5BA, Della Moudick & Kay Miller W5REC, Bill & Martha Wehling – KC5OKG, Sam & Anna Cotter – KD5EUS, Kerrie Durham – KD5NJJ, Ralph Gandy – N0NOU.

Board Chairman, Dan Voth presented the children with suckers. Dan, then installed the new officers.

Since the C&E was not delivered yet, approval of the November minutes was deferred until the January meeting.

Treasurer Report: Tim read current results of the audit report that was not completed yet. John started discussion on raising club membership fees. Greg made motion to raise dues \$5.00 from the current \$20 to \$25.00 and from \$25.00 to \$30.00 for family membership. Clint seconded the motion that was passed by the members. There was no treasurer report until the audit is complete.

Repeater Status Report: Greg reported on the Saint Mary's repeater project. The line and Antenna is installed. Thanks to each who helped. The controller for this repeater is currently being worked on. Repeaters 145.29 and 444.4 on the north site have been running well. The 442.925

repeater in Perry is also up and running, but has not been linked to the OKC repeater 145.410 but should be soon. The tone for 442.925 is 141.3.

Training Report: The extra test session will be postponed until 2nd Saturday in January. Sam provided a report on those who took tests at the ham fest in November. Some still need to take test but may be referred to Ponca City club unless they want to drive to Enid. Sam will also be starting another code class on January 7th at the Central Christian Church at 1111 West Broadway at 6:30pm. There are plans to have another Technician class in January if there is interest. Contact Dean or Ralph if interested in the Technician class.

Activities & Upcoming Events: There will be the annual Presidents chili supper in February. We will also have a program possibly from the fireworks company. John coordinated the recent fireworks event in downtown Enid. Thanks to all who helped with this event and especially to John who filled in for Al. The team had to be quite flexible as the event was cancelled and rescheduled from Friday night to Sunday night do to bad weather. Sgt Copeland gave praise once again for the outstanding job during the fireworks event. The next event will be Tri-State in May.

ARES & Red Cross: The ARES group will meet the 3rd Tuesday of each month at the Red Cross at 7:00pm. Nets will continue on Sunday at 3:00pm on 145.29 and 444.4 linked and HF net at 4:30pm on 3900.

Old Business

Greg reported on the status of the packet and APRS stations. Equipment including 2 TNC's will be ordered. A 3rd TNC will also be ordered/paid for by Tim. The inventory has been completed and a copy will be given to Ralph for the insurance. Dean, Dan and Ralph will review the inventory and insurance to make a proposal for coverage. Dues need to be paid by January. Dues are now 25 for individuals and 30 for families.

New Business:

Dean made special recognition of Ray Miller – W5REC who has supported the

ARRL and HAM's for many years. Thanks Ray!

The Club station at the Red Cross is available for members to use. Just contact Greg, John or Dean for access. We are encouraging use of the club station W5HTK.

John made a motion to adjourn and Ron 2nd the motion. Dean adjourned us at 8:44pm.

Respectively submitted by Tim McAnally-KD5KTB EARC Secretary/Editor

THAT FINAL ITEM: FANTASTIC VOYAGE REDUX

And finally this week, the world of medical communications research has finally caught up with the lights of Hollywood. This, as the government approves a tiny radio camera-in-a-capsule that patients can swallow. It is a camera that will transmit pictures to give doctors a close-up view of what is inside of you.

Amateur Radio Newsline's Mert Garlick, N6AWE, has more: "The new transmitting video pill is made by Given Imaging Ltd. in Israel. It is called the M2A Swallowable Imaging Capsule. It is also exceeding tiny. In fact it is so small that it is easily swallowed by the patient. Its inventors say that it then painlessly winds its way through the digestive tract and uses wireless technology to transmit full color pictures to a belt pack receiver worn by the patient. That unit also decodes the signal and records the information as the patient goes about his or her daily routine."

A U.S. spokesman for Given Imaging says that doctors who wish to use the video imaging pill will have to buy a specialized \$20,000 computer workstation. Each camera capsule costs about \$450. For the Amateur Radio Newsline, I'm Mert Garlick, N6AWE, in Los Angeles.

The entire system is reminiscent of the science fiction movie "Fantastic Voyage." In that film a submarine and its crew of medical specialists are miniaturized and injected into the bloodstream of a critically injured man to perform an operation to save his life while receiving instructions by two way radio. (Science Today)



BIRTHDAYS:

Here are the January birthdays for EARS members:

01-01	Gary Moore	KB5UKS
01-10	Shondrea Hamlin	KC5YKE
01-14	Harold Wells	WA5ZKX
01-15	Steve Kuper	KC5RYT
01-17	Gail Foote	KC5YBO
01-18	John Thomason	WB5SYT
01-23	Tommie Guinn	KA5WAV
01-23	Larry Smith	KD5MCJ
01-25	Michael McEwen	K5MTM
01-28	Rick Tasetano	N5KLM

Happy Birthday!

CLUB WEBSITE:

Take a look at the URL for the club website: www.k5eok.org. There is a lot of information, and even a membership application (new or renewal). Check it out to keep up.

December Club Minutes:

The Meeting was called to order by David Wolf KC5KJE at 7:00 P.M.

In Attendance were: Robert Coxsey KM5GZ, David Wolf KC5KJE, Lee Vaughn KA5WIS, Tom Harris KD5IOY, Terry Deas W5WTD, Dick Stimson KK5XO, Brad Thomson AC5CQ, De Stimson KD5LSK, Bruce McCubbin KD5LVV, Sherry Storey KD5CPJ, Dave Storey K0TYC, Earnest Wolf K5YKD, Ron McCubbin KC5QCV, Clara Granger KG5UG, Brad Kiespert KG5UK, Curtis Foote KC5GEP, Jim Richardson N5OHL, Dee Mize WD5FHR.

Officers Reports

Vice President: Dick KK5XO nothing at this time.

Secretary: Bob KM5GZ asked if the November Meetings had been read by the Board. They had & were voted on & approved.

Treasurer: Robyn KD5ISC not present. Club President David KC5KJE read the treasurer's report. It was voted on &

approved to accept the Treasurers report. David had the class's financial report showing a profit. It was tabled because the VE testing amount to the ARRL had not yet been deducted. David said the Club has paid for 3 turkeys for the Christmas Dinner. Plus cups & napkins. It was voted on & approved to reimburse Joyce KC5MBI for the turkeys. Also it was voted & approved to allow for extras.

Repeater: Lee KA5WIS had a plaque for Ken Snyder N5TWC for his help in keeping the repeater on the air. It was voted & approved to reimburse Lee for the plaque. Lee said the repeater was doing fine. He asked if the Club wanted the 443.425 repeater. It was voted & approved to accept the 443.425 as a new Club repeater with the K5EOK call sign & Dee as Trustee.

Emergency Coordinator: Ken N5DBM not present.

Board Members: Terry W5WTD, Steve N5ZQ, Tom KD5IOY, Curtis KC5GEP nothing at this time.

Activities: Dave K0TYC ask if the Club wanted to give any money to the Capitol Publishing Co. Museum in Guthrie for use of the building for State Hood Day Event. It was voted & approved to give them a donation.

HF: Ed KA8NBG not present. Jim N5OHL had a State Hood Day Event Certificate to pass around. This is the one that will be sent out. He estimated the Club needs 80-90 made. It was voted & approved to pay for printing the Certificate.

Club Station: Dee WD5FHR said there was a vertical antenna missing. It was voted & approved to take it off of inventory & let whomever has it, keep it. It was voted & approved that anything given to the Club in the future, can not be taken back by the giver after it is on the inventory.

CORA: Ron KC5QCV said it took a long time to sort & attach the mailing labels to the C&E. There is still no Editor for the C&E. Ron said Ed had said that he could put the Club Meeting Minutes on the Web Site. Ron asked what the Club thought about using the Web Site for all other CORA Clubs news letters as is currently in

the C&E. It was discussed & decided it wouldn't be a good idea. It would still need to be edited for content.

Membership: Regina KD5MCD not present. David said he had thanked Robyn for keeping the Membership Rosters current.

Calling Committee: Clara KG5UG said the calling committee had already made the calls for the Christmas Dinner. She said it was pot luck & the Club was providing cups & napkins. She said Joyce was Chair Person for the Christmas dinner. Clara was bringing the rolls. It is \$5.00 a person with under 5 years old free.

Health & Welfare: Clara said Dee's grandson was having problems with his pace maker. Had ran off the road but was okay. Lee said his fusion surgery wasn't doing too well & he may have to get it done again. Clara said Ray W5TYR doesn't have much range of motion in his knee.

Web Page: Ed not present. David said he thought everything was okay.

Net Control: Bob KM5GZ said he had enough Controllers to finish the year.

Old Business

Insurance: Dick KK5XO said he was waiting for the inventory.

Christmas Party: Already discussed.

Net Zero: David asked Steve N5ZQ if he knew anything about the Club Station computer & the Net Zero Web access. Steve hadn't talked to Ed.

New Business

David had the Club's Route 66 Certificate. He gave it to Dee for the Club Station. Dick asked if the Club wanted to use Hafer Park for Field Day in 2002. It was voted & approved to try to get 2 pavilions in January.

A motion was made to adjourn. It was voted & approved to adjourn at 8:30 PM.

Minutes written & submitted by:
Club Secretary
Robert Coxsey KM5GZ

PAST ACTIVITIES

The big activity for December was the annual EARS Christmas Dinner held at St. John the Baptist Catholic Church on the evening of Saturday the 15th. There was a nice crowd to enjoy the turkey and trimmings, two tables of deserts, and lots of good visiting. It was a very nice way to spend a holiday evening.

FUTURE ACTIVITIES:

It's a new year already, and here are some activities to start it off with. Be sure and check the Monday Night Net, or www.k5eok.org for updated information on these events.

The following will look familiar from last (and every) month.

The January Siren Test will be on January 5th at noon. The February Siren Test will be on February 2nd. Storm season is coming, so help Edith out as we prepare. Please let Edith KA5YPX know you can watch (hear?) a siren when she asks, so she won't be short of watchers. Call her at 348-2961.

Friday Lunch is not an official club function, but you can enjoy good food and company each Friday noon at the Delta Café on 33rd in Edmond at noon. Contact KM5GZ or KK5XO for more information.

Breakfast is an official club function each Saturday at Perkins on South Broadway around 8:15 on each Saturday morning. Maybe as late as 8:45. Someone will be on the repeater to guide you in.

The club station is open on Thursday nights for general use. Lots of equipment to try out, and lots of eyeball QSO's to be had.

Don't forget the Monday Night Net. You can check in every Monday night at 8:00 PM on the 147.135 (positive Tx offset) repeater. Bob Coxsey KM5GZ is the net manager. This net is the best resource in Oklahoma for keeping up with what's going on in the area amateur community. Come check in and see what's going on.

The next Board Meeting will be at the Edmond Community Center at 7:00 PM on January the 8th. This will be Dick's first meeting as President. Let's all come and support this year's board.

The January Club Meeting will be on January 13th at the Edmond Community Center at 2:00 PM. Come on down as we start another year.

HEALTH and WELFARE:

Hi everyone,
I hope each of you had a Merry Christmas and experienced the peace and joy of the season with your families. Time rolls by so fast, it seems impossible that the year 2001 is almost gone.

I'm happy to report that after knee replacement surgery in late September, Ray Wilson, W5TYR, has been released by the doctor and is doing A-OK. He has certain exercises to do in order to regain full strength and mobility of that knee. He'll do those religiously I'm sure.

Bob Ellsworth, KB5BIN, had a total hip replacement on October 30th, 2001 at Bone and Joint Hospital in Oklahoma City. He is making a full recovery and is able to enjoy his retirement.

We shall keep both of you in our thoughts and prayers and hope all continues to go well for you.

Wishing Everyone a Blessed, Happy and Prosperous New Year!

73 de Clara Granger KG5UG

That's it for this month. Please send information for next month's C&E to Curtis Foote at cfoote@theshop.net.

The following is late news about Amateur Radio for Radio Amateurs as prepared from Amateur Radio Newslines™

HAM RADIO IN SPACE: TAXI TO SATELLITE QRM ENDED

Some good news for satellite operators. Thanks to some hard work by the International Amateur Radio Union, the troublesome F-M signals to ham satellites from Mexican taxi cabs are for the most part gone. Amateur Radio Newslines's Norm Seeley, KI7UP, has the details:

According to the IARU Monitoring System newsletter it now appears that FM radio transmissions from the taxi drivers in the cities of San Luis and Sonora, Mexico area are no longer getting into the 2-meter uplink of the UOSAT 14 ham satellite.

The issue was raised by many involved in ham radio satellite communications including Ray Soifer, W2RS, of AMSAT North America. The newsletter says that it was Soifer's plea to the VHF and Satellite Committee at the 2001 IARU Region 2 Conference in Guatemala City generated extra interest and concern about this and similar problems. This led to some very productive discussions between the Mexican telecommunications administration and the Federación Mexicana de Radio Experimentadores which is Mexico's national Amateur Radio society.

Credit also is given to Alejandro Pereida, XE2BSS, for his thorough technical analysis of the problem and for his persistence in pursuing the matter from beginning to end. The end being the removal of the interfering signals from the UOSAT 14 two meter uplink passband.

The newsletter reports that after a lot of correspondence and negotiations on this issue took place over the past eighteen months. It also credits Lorne Libin, XE1V, as being an important mediator during this period. (AMSAT)

AWARDS: DARA NOMINATIONS TO CLOSE

The nominating period for the 2002 Dayton Hamvention Awards is quickly coming to an end. The deadline for nominations is also January 31st.

There are three awards presented each year. They are the Radio Amateur of the Year, Special Achievement, and Technical Excellence. All amateurs Novice through Extra are eligible.

Awards are decided by the Awards Committee, based partially upon the information received. Magazine articles, newsletters, newspaper clippings, videos and the like are appreciated but cannot be returned.

Nominations can be sent to Post Office Box 964, Dayton Ohio 45401. They can also be filed electronically by completing the e-form on the web at www.hamvention.org. (DARA)

THE ADA AMATEUR RADIO CLUB NEWS

ADA AMATEUR RADIO CLUB
NEWS

ADA AMATEUR RADIO CLUB

The Ada Amateur Radio Clubs monthly meeting was held on the 1st of December, at the Salvation Army Headquarters, 115 North Oak Street, Ada, OK. The meeting was called to order at 0905 local time by club president Charles/ KC5TGA, with attendance of 15 members. We would like to welcome a new member to the club, Lee Franklin / KD5QAL. We was glad to have Beth Pearce, KC5RWW, attend the meeting hope that she and her family can attend another meeting very soon.

TREASURER REPORT: Scott, KD5AJL, presented the treasurer report for the month of November, was passed around among the members at the meeting, motion was made and seconded to accept the report as written. The clubs P.O. Box rent was paid in November for a year.

REPEATER REPORT: As of November 12' 2001, Mason / WT5X, and Sam / N5IY, has the repeater is on line and functioning, it is working really well, there has been some changes in the codes to access the time and to use the phone patch, if you want a print out I will have some at the meeting, or let me know and I can mail you a copy. We owe a big THANK YOU!!! to Mason, WT5X, for all of the long hours and time he has spent setting up the repeater and keeping it going, and taking care of any problems that comes up with the repeater.

NEWSLETTER: As many of you know there will changes in how the newsletter comes out, now that the Collector & Emitter is up in the air on its future, there was several suggestions at the December meeting on what we should do and the subject was tabled until we can check into some of the following suggestions. If you

have any suggestions on the Newsletter please let me know or come to the January 05 meeting; we are open for any suggestions that you may have. I contacted the Ada Evening News and the newsletter will be submitted to the newspaper and be under the club news they could not give me a date when it will come out monthly.

NET: Tuesday nights at 8pm local time on 147.285+ is net night. Everyone is encouraged to check in on the net and let everyone know that your station is up and ready and available in case of and emergency situation. Everyone is welcome to check in on the net on Tuesdays we will be glad to hear from everyone.

SALVATION ARMY: Major Cook with the Salvation Army is looking for people to assist with ringing bells for donations for the Christmas season, it already that time of year when the Salvation Army does a lot of good for thousands of people less fortunate and in need of help and it being the Holidays it is a very busy time for them if you would like to donate some of your time and help out please contact Major Cook, 115 North Oak Street, Ada, OK. If you don't live in this area and would like to help out contact the Salvation Army in your area.

HAMFEST: The Ada Amateur Radio Clubs Hamfest / Swap Meet will be held on Saturday, February 09' 2002, at the AGRI-PLEX (small animal building), 1 mile from Ada Municipal Airport, Admission: \$2 / Tables: \$5. There will also be tables for arts & crafts if anyone is interested in a table. For more information or to reserve a table contact: Charles Etier, KC5TGA, 580*436- 4425 or Danny Coffey, KM5LB, 580*759-2670.

CLUB ELECTION: December 01, meeting was the election for the 2002 term for club officers. Nominations were as follows for Club Officers: President: Charles Etier, KC5TGA, Vice President: Danny Coffey / KM5LB, Treasurer: Scott Renes, KD5AJL, and Secretary: Darla Coffey, KC5RGU.

Nomination was made and seconded to keep the current officers for the 2002 term and a vote was followed by a show of hands passed unanimously by members present and eight proxy votes that were

received before the meeting. A Nomination was made and seconded for Darla Coffey / KC5RGU, to retain the office of Secretary for a third term. The nomination was followed by a show of hands by the members present passed unanimously.

The 2002 Club Officers are as follows:

President: Charles Etier, KC5TGA
Vice President: Danny Coffey, KM5LB
Treasurer: Scott Reins, KD5AJL
Secretary: Darla Coffey, KC5RGU

Motion was made and seconded the meeting was adjourned at 1010 local time. We meet the first Saturday of each month at 0900, at the Salvation Army Building, 115 North Oak Street, Ada, OK. Everyone is welcome to attend we have breakfast at the meeting.

Hope everyone has a Merry Christmas and a safe and Happy New Year,

Ada Amateur Radio Club Secretary
Darla Coffey, KC5RGU

February 9, 2002
ADA ARC HAMFEST:

Everyone mark your calendars! Plan to head to Ada, OK for a hamfest!

The Ada Amateur Radio Clubs Hamfest / Swap Meet will be held on Saturday, February 09' 2002, at the AGRI-PLEX (small animal building), 1 mile from Ada Municipal Airport

Admission: \$2 / Tables: \$5. There will also be tables for arts & crafts if anyone is interested in a table.

For more information or to reserve a table contact:

Charles Etier, KC5TGA, 580*436- 4425
or Danny Coffey, KM5LB, 580*759-2670.



Choctaw Amateur Radio Club Christmas Gathering

On December 8th, the members of CARC gathered at Golden Corral to enjoy the Christmas Holiday with friends and family. There were 35 people present.

The new Vice President Bill Tarkington KC5ICR was introduced as was the new Treasurer, Larry Brewer K5VVD. The President remained for another term, Chuck Kanach KC5EZZ and also the Secretary, Kay Holzman KB5VJR.

The members introduced themselves and their family's, and Oris Wolfe WA5EAB introduced Thad Kelly KD5LLO our newest member.

Everyone enjoyed the luncheon and the gab fest that went along with it.

Please remember the club meeting on January 21st at the Choctaw Vo-Tech on Choctaw Road at 7pm, in the Oak Room.

Respectfully Submitted,

Kay Holzman, KB5VJR
CARC Secretary

YL Net

After a successful 6 years, the YL Net, sponsored by the Choctaw Amateur Radio Club has terminated. January 8th at 8pm was the last transmission session for the YL Net. I would like at this time to thank all the YL's and OM's for their support and participation in this net. I really enjoyed running the net and thanks bunches to the YL's who filled in for me when I couldn't be there.

33 & 73
Kay Holzman KB5VJR

Choctaw ARC Swap Meeting

The Choctaw ARC will have their next swap meeting on February 23, 2002 at 8:30 AM at Midwest City Community Center. The center is located at the intersection of Reno and Midwest Blvd. next to the MWC Library. If we continue to loose money hosting this event we will have stop holding it. The community center has raised their rent and we need to sell a lot of tables to break even. Remember, we don't charge admission. If you have something to trade or sell then don't miss this event and rent a table from us.

Mark your calendar and I will see you there. Our repeater is 147.09 + if you get close and still need help finding the community center.



South Canadian Amateur Radio Society Norman, Oklahoma

The December meeting of SCARS was combined with our Christmas Party on Tuesday the 11th at Furrs Cafeteria and a good time was had by all. All being 38 members, spouses, kids and etc.

We had a brief meeting conducted by President Tom KD5ENL. Treasurer Jeff KT5OK gave us a count of the money in the till and reminded everyone it's time to pay up once again. Dues have been raised to \$25/year. If you don't want to wait till the next meeting you can mail in the dues with all the usual information about yourself to SCARS, P.O. Box 720993, Norman, OK 73072

Ken KC5OU gave a repeater report. Our UHF machine has been on the fritz. Once he removed it from the site and took it to his home, you guessed it, it worked fine. It was, however, due to some residue that got in the machine via fumes from a lead acid battery in the building next to our repeater.

We still need to get the UHF antenna re-oriented on the tower to better beam Norman and not Ada. (No offense to the hams in Ada) It was discussed and pretty well decided that this would be less involved and cheaper than some other options that had recently come up. Such as relocating the repeater and antenna somewhere else. This was the topic of a meeting Monday the 10th with the City Manager.

Regardless of what we do with the UHF machine we have had some great dialog with the City as to being a part of the new EOC, when completed, at Fire Station 7. This may also lead to a desirable meeting site also. That is in the future so stay tuned as they say.

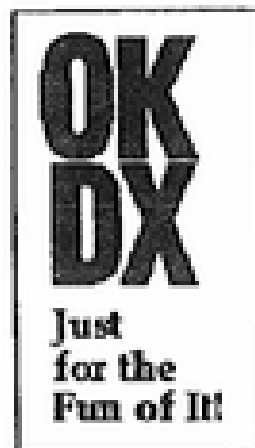
The exchange of gifts was fun. Some were store-bought but some were "treasures" from the shacks of members. We had a good time and adjourned.

Happy Holidays and New Year
73 de N5UMH
Bill

Technician Class

SCARS and the OU Radio Club are starting a Technician class on February 11th here in Norman that will run Monday nights through April 1st. Sessions will be from 7 p.m. to 9 p.m. at the Moose Lodge, 2812 S. Classen (that's just north of SH-9. At that point, Classen is also designated US 77). Classes are free, but students will need to have the ARRL Technician Class Coursebook that ties in with the video course (available at the class) plus pay the \$10 fee for FCC Technician test at the end of the course.

Jim, NWØK



OKlahoma DX Association

January, 2002

From Da'Prez

By JIM HOOD, K5TT

Here we are starting another year. I cannot believe it is a year called 2002. It is once again time to count our blessings and look ahead for the next year. We have certainly had our challenges to work through in the past year and I am very optimistic about this year. Even in the worst of times, we are still blessed to be living in the good old USA.

There are a few dates to mark on your new calendar. The Choctaw Amateur Radio Club sponsors a swap meet a few times a year at the Midwest City Community Center. The next one is set for Saturday, February 23rd. We are going to partner with the Choctaw Club to help cover expenses and host an OKDXA Meeting at the swap meet. The meeting will be mainly social with some type of program yet to be determined and, for those of you in the OKC area who've been meaning to join the OKDXA, we'll be glad to see you. We will also have a couple of tables so you can lug in that very valuable boat anchor to exchange it for some else's boat anchor.

The Green Country HamFest is coming up on March 15th and 16th. We will have a regular business meeting and a couple of swap meet tables for your use. Information is at www.greencountryhamfest.org.

The OKDXA sponsored Oklahoma QSO Party is on the weekend of March 23rd and 24th. Start making your plans for this one. It's going to be plenty of fun and we really want to light up the bands from the Sooner State. That doesn't mean you can count any contacts made before the start of the contest, but it's been a long time since Oklahoma has had an HF QSO Party and you should work as much of it as you can.

The next few months are the heart of the Contest and DX season. Nelson will be listing the contest dates and as much DX'pedition news as we can pack into the newsletter, so put some WD-40 on the key and some new tubes in the amp and go after them.

I do seriously wish each and everyone the best in the New Year. Remember to live everyday to its fullest. You can rest when you get old, and I speak from experience on that... Hi! — K5TT

Secretary / Treasurer's Report

By JERRY CHOUINARD, K5YAA

From Da'Editor

By NELSON DERKS, AC5UP

File this under "Great Moments in DX'ing and the Power of Suggestion": On Sunday night, December 23rd, I was putting this humble little newsletter together and editing the blurb regarding KC4AAA at the geographic South Pole you'll find on the next page. My clock says it's 04:14z, so I flip the HF rig over to 14.243 and let it cook. S-5 noise floor thanks to the local "Legal Limit" Christmas light displays with nothing but weak signals across the band. But, after a few minutes, I thought I heard someone calling KC4AAsomething! Hot Damn, I'm going to work Antarctica! Well, not quite, it was K8RFS calling for KC4AA. How embarrassing. If Ohio ever becomes a DXCC Entity, I've got it made.

However... On Christmas Eve... The rig was still parked on 14.243 when I turned it on and KC4AAA was booming in at an honest 5/9. Nifty pile-up, too, so make-um no mistake-um, this was *The Real Deal* and I made the Q on the fifth or sixth call. 100 Watts into a wire and I'm there with a 5/5 signal report coming back. I always wanted to do that and *Thank You, Santa!* Say what you want about Amateur Radio, but this is one hobby where there's almost always a second chance for everything...

I've also seen some amazing DX reports from December... Our own Coy, N5OK reported a fine list of Six Meter contacts throughout Europe and I lucked into a 50 MHz Q with KL7NO in grid BP-54. I still haven't worked Europe on Six, but there will be a another chance. And I say that for the benefit of Gen'l Dave, W5ATV who's still listening for his first chance to work P5 as I write this. Could be a Q by now...?

In closing, I should mention the OKDXA was well represented at the Tulsa ARC Christmas Party. I'm pleased to report all had a good time. Whenever you hear some Doom & Gloom about the future of the hobby, an event like that will prove it doesn't have to be that way. The room was

packed and there wasn't a dull moment throughout the evening. We've all heard the rumors about how dangerous it is to sit next to Tom, KB5HMZ when he's feeding. But, thanks to long sleeves and peripheral vision, I survived the evening without a scratch. Mark, KD5DLL is the one most likely to lunge at your table for the last slice of bread, so keep this in mind if you dare to sit in the "Heathen" section. (Hellooooooooooooo!) In other news, Fred, KB5BQA recently acquired a very nifty DC-to-Daylight TS-2000 transceiver that he tested with a little Six Meter DX from a VO1 in Newfoundland. Rumor has it Fred got slightly excited by a non-standard phonetic for the grid square and, for a moment, thought he'd worked Germany. If that wasn't funny enough, KD5DLL made the passing comment on a local Net that he thought Newfoundland was in Europe... Sometimes I wonder about Mark... If he worked Labrador, would he send the card to the SPCA? The mind boggles at the possibilities... But one thing is sure, we're all glad for the DX we worked in 2001 and are looking forward to 2002! — AC5UP

OPDX Bulletin - Internet Edition

The Ohio/Penn DX PacketCluster

Editor Tedd Mirgliotta, KB8NW

Provided by BARF-80 BBS Cleveland, OH

3W, VIETNAM

Karl, W9XK is now active as 3W2XK near Saigon and will be in Vietnam until April 9th. He was spotted in December on 14260 and 14245 kHz. Others report he plans to be active on 15 and 10 Meters as well. Check the Southern Cross Net (14226 kHz at 1200z) and the DX Family Hour Net (14245 kHz at 1500z) almost every day. QSL's should be sent via W9XK (CBA) but only after April 9th.

4W, EAST TIMOR

If you need this one on 20, 15 or 10M CW, Thor, 4W6MM continues to very active around 28002, 21002 and 14002 kHz between 1130-1330z and around 0200z.

5U, NIGER

Paolo, IZUIY reports the dates for their DX'pedition to Niger have been finalized and their licenses are in hand. A Web site to support the upcoming DX'pedition is on line at: <http://www.qsl.net/niger-2001> and includes a survey about which bands and modes from Niger are needed by the DX community. Listen for them February 3-18th. Seven operators will keep three

stations active on SSB, CW, RTTY and PSK31 from 160-6 Meters with a station on 80 & 160 Meters each night.

5W & A3

WESTERN SAMOA AND TONGA

OH3JR, **OH1AWW** and **OH6KN** are going to A3 and 5W. Their main focus will be on the low bands (1.8-10 MHz) and Europe. Operation dates for 5W-land are through January 2nd, and for A3-land, January 5-15th. Operating frequencies will be +/- QRM with split operation (RX UP). CW - 1822, 3503, 7003, 10105, 14005, 18075, 21005, 24895 and 28005

SSB - 1845, 3790, 7050, 14195, 18145, 21295, 24945 and 28495

RTTY - 14080, 21080, 28070 +/- QRM with their RX split being "up"

QSL via OH3JR direct to Henri Olander, Helavalkeantie 15, 13270 Hameenlinna, Finland or via the bureau. Their web page is at: <http://www.qsl.net/ohpacific>. A log search may be available.

A4, OMAN

There was plenty of activity in December from stations A41KJ, A41LD, A41LZ, A41MO, A45XK and A45XR. A41LZ was probably the most active on 80, 40, 20, 15 and 12 Meters SSB. A45XR was heard on 160 Meters between 2030 and 2100z. A45XK was heard on RTTY around 14080 kHz after 1415z.

A5, BHUTAN

Wangpo, A51WD is active on 15 Meters around 21280 kHz after 0530z and again around 1100z. QSL via the Bhutan ARC.

ANTARCTICA NET

Every Monday at about 1700z on 21275 kHz a traffic net-like operation is held to give the average DX'er and above-average big signal operator like N5UW a chance to work Antarctica. DX'ers are asked to allow the Antarctic stations to exchange their local traffic before calling them. The net is often visited by ZS7/ZS4AGA and R1ANF, as well as VP8CMH/mm. They expect KC4/N3SIG from McMurdo Base, R1ANF from the Bellingshausen Base and YL Mechita (who might become active as DP0GVN from the Neumyer Base) to join them. Activation of the new German base at Kohnen Station is also possible.

KC4, ANTARCTICA

Chris, N3SIG has been showing up for a few days during the week as KC4/N3SIG from the McMurdo Base Station (AN-011) on 14243 kHz after 0400z. QSL via AI3D.

You should also listen for KC4AAA on the same frequency, but starting a little earlier, around 0200z. QSL via K1IED

EP, IRAN

Plenty of activity was heard from EP in December. EP3PTT was active on SSB and RTTY on 15 Meters between 1200 and 1330z. EP3SMH was heard on 10 and 15 Meters SSB with very few takers. Check 28500 and 21293 kHz between 1130 and 1330z. EP3HR has been active on 20 Meter PSK31 starting around 1645z and again around 1645z.

FG, GUADELOUPE

Listen for Pierre, F6FXS to be active January 16th through February 7th as FG/F6FXS or FG5/F6FXS. Important reference numbers are: DXCC - FG, WAZ - 08, IOTA - NA-102 and DIFO - FG001. Activity will be on HF bands, including the WARC bands, with his IC-706MKII at 100 watts and wire antennas. This will be a holiday style DX'pedition. QSL to his home call direct with SASE or via bureau.

GJ, JERSEY

The CIWS will be active from Jersey in the Channel Islands as GJ6UW from the afternoon of February 15th to the morning of February 17th. Jersey counts as EU-013 for the RSGB Islands on the Air award. Operators will be Martin, G3ZAY and Dominic, M0BLF who will operate from the northern part of the island on all bands from 160 to 10 Meters, SSB and CW. Top Band operation should be from a dipole above a 750 ft cliff overlooking salt water. QSL via M0BLF, either direct or bureau. Please do not send bureau cards to G6UW.

HC, ECUADOR

Dr. Rick Dorsch, NE8Z/HC1MD will be active from Ecuador until February 16th. Activity will be on 80-10 Meters CW and SSB. Dr. Rick will use the following calls: HC1MD Tumbaco
HC1MD/HC1 Pichincha Volcano
HC1MD/HC3 Loja
HC1MD/HC4 Sua
HC1MD/HC4/p IOTA SA-056
HC1MD/HC5 Cuenca
Rick states, "Any assistance in helping me work the following countries for my HC1MD DXCC will be appreciated: 4W- in East Timor, YA5T, P5/4L4FN and the FO/Australis." His E-mail address is: ne8z@yahoo.com QSL via K8LJG, John Kroll, 3528 Craig Drive, Flint, Michigan

48506. You can see the HC / HD DX Award "Equatorial Line Diploma" at: <http://www.octavia.com/qsl/awards.htm>

HF0, SOUTH SHETLAND ISLANDS, ANTARCTICA

Mirosław Stefansky is expected to be active as HF0POL from the Polish base "Hanryk Arctowsky" on King George Island (AN-010) from January 1st through December 31st, 2002. He plans to operate CW, RTTY and PSK-31 on all bands (WARC included). Listen for him on the usual DX frequencies. QSL via SQ5TA.

HS, THAILAND

Dave, W3VK has been assigned to the U.S. embassy in Thailand and is now using the call sign HS0ZDP.

KH1, BAKER ISLAND

Hrane, YT1AD will lead a team here this spring. His team plans to set sail from the Fiji Islands on April 25th and be at sea for six days en route to this rare island. The group will stay for 10 days and plans to be heard on all bands. After the DX'pedition the team will head back to the Fiji Islands and then to the Dayton Hamvention. This DX'pedition is expected to cost \$50,000 (USD) and donations are being sought.

P5, NORTH KOREA

Ed, P5/4L4FN continues to be active on 10 Meters after 2200z and has been heard on 20 Meters at 14260 kHz after 1300z, usually working stations from Asia and Europe after his daily sked with W5ATV.

Several P5/HA0HW spots were posted on the clusters in December. Laci, HA0HW reports that it was NOT him on the air. He advises against making contacts, do not spot this call sign, and do not send QSL requests because it's a pirate operation. He also stated that if he travels aboard it will be published in a DX bulletin or a DX Mailing List beforehand.

Toma, YU1AB reports Hrane, YT1AD and Voja, YU7AV have returned from Pyongyang and were successful in getting licenses for themselves and two more operators. Any operation heard P5/ with their calls in December was bogus, but they will be back in North Korea by March 5th for a DX'pedition. They also plan to train at least 20 North Koreans in Amateur Radio operation. Their call signs will be announced shortly before the op begins.

P29, PAPUA NEW GUINEA

Kyle Harris reports that he has returned to P29-land after a seven-year absence. He received his old call sign, **P29KH** and has started to catch up on his Contesting and DX'ing. Kyle states, "Except for contests, I usually work CW almost exclusively. We live in a house in the jungle with no acoustic insulation whatsoever. Having to listen to me work the pileups on SSB rattles my wife and disturbs the neighbors. I have a Moonraker broadband dipole that unfortunately has to be oriented exactly 90 degrees off of the optimum orientation for Stateside, but makes plenty of Q's into Europe. That will change in February when the tower and tri-bander go up along with a vertical for 40 and 80. My normal operating times are around 0900-1200z and 2000-2300z, usually on weekends. I work 20, 40 and 80 Meters early and the higher bands later, about 40 kHz up from the bottom, and usually listen 'up' if there is a pileup. QSL P29KH via WD9DZV.

S7, SEYCHELLES

Karesz, **HA8EU** will be active from Mahe Island as **S79EU** between January 28th and February 18th. Activity will be on 40-10 Meters, primarily CW with some SSB. QSL via **HA2NM**, direct or Bureau.

S9, SAO TOME

A group of Scandinavian Hams will be active from here as **S9LA** on February 4th -10th. The "Team Hot Coil" coordinators Rune, **LA7THA** and Stein, **LA6FJA** plan to be active on 160-6 Meters including the WARC bands using CW, SSB, PSK31, RTTY and SSTV with at least two stations active 24 hours per day. Pilot stations are Trond, **LA9VDA** for North and South America plus the low bands. E-mail to: la9vda@online.no Tor, **LA3WAA** for 6M, Europe & Africa. E-mail torpet@online.no Teru, **JM2HBO** for Japan, Asia & Oceania. E-mail: teru@k-net.or.jp For more information visit their Web site at: <http://www.qsl.net/s92la/>

TI5, COSTA RICA

Bob, **KE0UI** will be active from **TI5KD's** QTH in Heredia, Costa Rica February 18th to February 27th. Activity will be on all HF bands and 6M with emphasis on CW on the WARC bands. For a description of the station, visit: <http://www.qsl.net/ti5kd> Bob will be active in the UBA CW Contest on February 23rd as **TI5N**. QSL direct CBA or the stateside Zero Bureau.

TI9, COCOS ISLAND

Bill, **AK0A** reports they still need two more operators to join their DX'pedition. For details, check their Web page at: <http://www.qsl.net/ti2hmg/cocos.htm>

V5, NAMIBIA

DL2SL and Janusz, **SP6IXF** will be active from here in February and March. They plan to be active by February 15th from Farm Heimat, 130km west of the capital until March 8th. Operation will be on all bands, 160 through 6 Meters. **SP6IXF** will call as **V51/SP6IXF**, **DL2SL** will call as **V51/DL2SL**.

VK9M, MELLISH REEF

The team that bought you **VK9WI** from Willis Island in the year 2000 and **VK9ML** from Mellish Reef in 2001 is at it again! They will be back on Mellish Reef in April with activity on 160 to 6 Meters including the WARC bands. They will concentrate mostly on CW and the WARC bands this time. For more info visit their web site at: <http://www.qsl.net/vk9ml/2002/>

VP6/D, DUCIE ISLAND

Bill Kennamer, **K5NX** issued a press release by Tom Christian, **VP6TC** and President of PIARA with more details on the upcoming Ducie Island DX'pedition. Excerpts from the press release state that weather conditions near Ducie Island did not permit their landing in November, but planning is complete for a second attempt. The group will depart from Mangareva by March 12th on the ship Braveheart, which is more than adequate for the task. They will use a VP6 call sign to be announced at the beginning of the operation and plan to be operational as soon as possible for their sked with **N5UW**. Ducie operators will be: **VP6TC**, **VP6DB**, **VP6AZ**, **VP6MW**, **VP6BK/JA1BK**, **JA3USA**, **JF1IST**, **K9AJ** and **K5VT**. Randy, an SWL, will be going to provide logistical support. The QSL Manager is Garth Hamilton, **VE3HO** for HF operations only. The QSL manager for 6 Meter operations is **JA1BK**. Internet log checks will be available at: <http://www.big.or.jp/~ham/dx.html>. Their band plan is as follows:

21.020 MHz (CW) and **21.295 MHz (SSB)** will be QRV 24 hours a day to allow more individuals to work the group, depending on propagation into their area. **28.495 MHz** and **14.195 MHz** will be the prime SSB frequencies while **14.020 MHz** will be the prime 20 Meter CW frequency.

There will be some operation on all bands, 160 through 6 Meters, and some RTTY in addition to SSB and CW. It is expected that Low Band and WARC operations are most likely to take place in the last days of the operation as they will first concentrate on allowing as many operators as possible to work this new DXCC Entity. For the latest updates visit these Web sites: <http://www.qsl.net/wd4ngb/ducie.htm> <http://www.ve3ho.com/ve3ho-qslmgr.htm>

VP8, SOUTH SANDWICH AND SOUTH GEORGIA ISLANDS

In the ANAN News, Marty Betts reports that a group of Hams chartered a New Zealand vessel named "Braveheart" for a DX'pedition to the South Sandwich and South Georgia Islands. The group, which has received permission from the proper governments, is hoping to make more than 100,000 QSO's from mid January to early February. The team expects to be active January 18th from the former manager's villa at the old Husvik whaling station on the central north coast of South Georgia for about a week. They will depart on the 25th for the island of Southern Thule some 500 km to the southeast, near the southern end of the South Sandwich Islands chain, where they plan to be active from January 28th to February 3rd. Operators, QSL information, bands and modes of operation will be announced later.

James Brooks, **9V1YC** issued a press release on December 3rd regarding their upcoming DX'pedition. He states "VP8/sg South Georgia & VP8/ss South Sandwich will be activated in January and February of 2002. Operators will be **EI6FR**, **EI5IQ**, **HB9ASZ**, **PA3FQA**, **K0IR**, **W3WL**, **K4UEE**, **VE3EJ**, **N5KO**, **K5TR**, **W7EW** and **9V1YC**. The exact dates, call signs and QSL managers will not be released until we are on the air."

XR0, SAN FELIX ISLAND

A DX'pedition to San Felix Island will be conducted March 12 through the 30th using the call sign **XR0X**. Located 900 km northwest of Valparaiso, San Felix is a barren rocky island about 3 km across, with two small islets nearby. Access to the site is restricted due to the presence of a military garrison and little is known of the natural history of this island. The primary goals are to provide radio contacts from a remote and seldom-activated island along with documenting indigenous species. The 13-member team includes **NP4IW**, **K5AB**,

I8NHJ, N7CQQ, DJ9ZB, CEØYWS, N6MZ, KO4RR, KK6EK, W6KK, HB9AHL, K5AND and N6TQS. Their 20-ft. container of gear will travel from Valparaiso (Chile) to San Felix aboard the Chilean Navy vessel "Chacabuco" and be airlifted on the island by a Chilean Navy helicopter. This DX'pedition is financed by the participants and supplemented by donations from DX associations, radio clubs and individuals. Contributions made to the expedition through KK6EK, Cordell Expeditions, are eligible for deduction as a donation to a 501(c)(3) organization. The San Felix Expedition Web site is at: <http://www.cordell.org/SFX> For more information, please contact Carlos George-Nascimento (NP4IW/CE3AQI) 2061 Magnolia Way, Walnut Creek, CA 94595 Tel/Fax: 925-935-2768 or E-mail to: cgnascim@attbi.com

XV9, SPRATLY

The Vietnam Amateur Radio Club (VARC) is planning a trip to the Spratly Islands (AS-051) in April with the call **XV9TH**. Specific dates are currently unavailable, details to follow.

YA, AFGHANISTAN

Well-known DX'er Peter Casier, **ON6TT** (aka **5X1T**) was heard on November 21st as **YA/ON6TT/M** operating in a convoy, and later that week from the foreign ministry of the Islamic Republic of Afghanistan (Northern Alliance). He was issued the call sign **YA5T** which can be used on all bands by Peter, **ON6TT**, Matts, **SM7PKK** and Robert, **S53R**. Wayne Mills, **N7NG/1** and Manager of the Membership Service Dept for the ARRL reports: "The DXCC Desk has received acceptable documentation for **YA5T** as operated by **ON6TT**, **S53R**, **SM7PKK** or **ON4WW**. The documentation is valid for QSO's made after November 20, 2001. No other calls or operations have been approved as of this date." A press release on Tuesday, November 27th by Peter states, "The **YA5T** license is secured and approved by the DXCC for use by **S53R**, **SM7PKK**, **ON4WW** and **ON6TT**. The team members all work for the United Nations World Food Programme. Only Peter, **ON6TT** is in Afghanistan at the moment. The other team members will be in Afghanistan as required by the organization. Peter is expected to be on the air in the evenings (local time) starting November 28th from Kabul. Due to cargo restrictions on the humanitarian flights their equipment will

be low power only with limited antennas, restricting pileup operations to the main HF bands. When working conditions and security arrangements allow it, the team will mount a larger scale operation. The license has no time restriction and allows them to operate from anywhere within Afghanistan on 160 Meters to SHF with power up to 500W. The earlier operation by **YA/ON6TT/M** is not valid for DXCC. Any contributions included with the QSL cards will be donated to humanitarian projects within Afghanistan." Peter was spotted early Sunday morning, December 2nd, operating on 21295 kHz between 1300-1430z. He was also heard on 28495 kHz working Europe just before going to 15 Meters. The QSL Manager for **YA5T** is **KU9C** and is being coordinated between Peter and the Northern California DX Association (NCDXF). The NCDXF is providing financial assistance for QSL expenses and perhaps some additional help as needed. Bruce, **WD4NGB** has a web page at: <http://www.qsl.net/ya5t>. There are also reports that Marcel, **F6EKD** has been given oral permission to operate as **YA/F6EKD** and hopes to receive a proper **YA** call sign with documentation.

ZD8, ASCENSION ISLANDS

Jim, **ZD8Z** has been very active on 80 Meters with some activity on 40, 30, 17 and 10 Meters. Check 80 Meters as early as 2145z and as late as 0300z between 3788 and 3797 kHz, 30 Meters (10102 or 10106) around 0200z, and 17 Meters starting at 0100z on 18072 or 18106 kHz. QSL via **VE3HO**.

ZONE 18

Yuri, **UAØSJ** can be heard on 20 Meters SSB (between 14180 and 14200 kHz) after 0200z. He lives in the city of Bratsk about 600 kilometers north of Lake Baikal. His equipment is a Kenwood TS-50S with an AT-50 into a KT-34a antenna. Please send QSL's direct (only) to: Yuri A. Maltsev, P.O. Box 2304, Bratsk-city, 665700, Russia, Asiatic. E-mail to: ua0sj@mail.ru

IOTA News

AS-NEW Yuki, **J16KVR** will activate Cham Island in the South China Sea Coast North Group with a DX'pedition April 17 through the 22nd. QSL via **EA5KB**.

C6, BAHAMAS (IOTA Op)

Wade, **AA8LL** and Liz, **K8LIZ** will be active from Crooked Island (IOTA NA-113) as **AA8LL/C6A** and **K8LIZ/C6A**

from 0000z January 12th through 0600z January 14th. Activity will be SSB only on 40 through 10 Meters, IOTA frequencies. QSL **AA8LL** and **K8LIZ** to their CBA or via the bureau. Their activity will be from Bird Rock Lighthouse, which also counts as **ARLHS BAH-005**.

OC-136 Nico, **PAØMIR** reports his **VK3FEI/p** DX'pedition to Phillip Island was unsuccessful with only four QSO's made. However, he may try again from French Island (in the same IOTA) after the second weekend in February.

SA-020 Pierre, **FY5FU** reports that on January 12-13th the Radio Amateur Club de Kourou (**RACK-FY5KE**) will be active from Royale Island in the Salut Islands Group. Operation will be on 20-10 Meters, 6 Meters and satellite **AO-40**. QSL direct to CBA or via the bureau.

Miscellaneous News

2002 INTERNATIONAL

DX CONVENTION WEB SITE

The 2002 International DX Convention info is at: <http://www.qsl.net/visalia2002> This DX Convention is held each year in Visalia, CA and this will be the 53rd year for the convention. The Southern Cal DX Club presents the convention this year.

DXCC NEWS

Bill Moore, **NC1L** and ARRL DXCC Manager reports: **XU7AAR** (Cambodia) has been on hold awaiting supporting documentation. This has been received and upon review it is now being accepted for DXCC credit. Anyone who had this card rejected in a past submission can contact DXCC at dxcc@arrl.org for an update to his or her record. Or, it can be added to your next submission for credit. The **XU7AAR** operation was in late 1999.

ZKINCI (North Cook Island) has been on hold awaiting supporting documentation. This has been received and upon review it is now being accepted for DXCC credit. Anyone who had this card rejected during a past submission can contact DXCC at: dxcc@arrl.org for an update to his or her record. Or, it can be added to your next submission for credit. (This operation occurred in January and February 2000).

T5/DL8YR (Somalia in 1993) has been approved for DXCC credit. Note: We do not have records of rejections made prior to March 1, 1998. If your card was part of

a submission dated before March 1, 1998 the card must be sent along with your next application for approval. (The operation was April 20, 1993 to May 22, 1993).

DX SURVEY

Maury, IZ1CRR and 425DXN Webmaster, reports that with the great success of their 2001 edition of DXCC Most Wanted, they are doing it again. The 2002 DXCC Most Wanted Survey is running on the 425DXN Web site at: <http://www.425dxn.org/> All you need to do is check your unconfirmed countries based on DXCC-Approved ops.

IRCS ARE CHANGING

According to an article written by Keith Retzer, W7KEU look for IRC's to become larger and more attractive. They will be printed on heavier paper to allow for machine processing with a distinctive watermark, security rainbow, fluorescent zone, and micro-printing. The new IRC's will have bar code and optical character recognition (OCR) characters on the back. The last day of sale for the old IRC's was December 31st. Local post offices should have the new IRC's available in January.

CANADIAN SPECIAL PREFIXES

A group of special event prefixes have been authorized for all Canadian Radio Amateurs in commemoration of the 100th anniversary of Guglielmo Marconi's first Transatlantic wireless transmission. The prefixes are sponsored by the RAC, Radio Amateurs of Canada and will be VX for VE's, VG for VA's, XJ for VO's and XK for VY's. Canadian amateurs can use these prefixes until February 12th.

WRTC2002 REFEREE

SELECTION UNDER WAY

The WRTC2002 Organizing Committee is pleased to announce several nominations for the referee functions associated with their event in Finland in July, 2002: Olli Rissanen, OA4DMR (OH0XX) together with Roger Western, G3SXW will be managing the referee functions. In the interim, Ari Korhonen, OH1EH will assist the referee community with preliminary information for the selected referees and their personal planning.

The first 25 referees were selected and are part of the fifty (50) on-site referees with one assigned to each participating site. The underlying reasons are practical - such as the organizer's desire to balance the number of Finnish (OH) referees with the foreign referees. Unfortunately, very few

applications were received from OH-land where local language capability is required in several site situations. We are pleased to welcome the following veteran testers and WRTC experts to join in the worldwide fun at WRTC2002:

K1VR, K6KR, K9JF, K9ZO, N2AA, N7BG, W6UM 4Z4KX, DL6LAU, F6BEE, G4BUO, SM3CER, SM3DMP, SM3EVR, T97M, TG9AJR, UY5XE OH1EB, OH2JA, OH3BU, OH4XX, OH5BM, OH5NQ, OH6OS, OH6RX.

The second wave will be launched January 30, 2002 and the third by March 15, 2002. Please follow the progress of WRTC2002 at <http://www.wrtc2002.org/>

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ARRL CONTEST CALENDAR

Reprinted with permission from QST Contest Calendar — K5TR, Editor

WEEKEND OF JANUARY 11-13

North American QSO Party, CW

Sponsored by the *National Contest Journal*, 1800Z Jan 12-0600Z Jan 13 on the 160-10 Meter bands. SOAB-LP and M2 categories with max power 100 W, operating a maximum of 10 hours (off times must be at least 30 min and M2 entries may operate the entire contest). Exchange name and SPC. Score is QSO's × States + Provinces + NA DXCC entities (count each once per band). For more info: <http://www.ncjweb.com/naqprules.html> Logs must be postmarked by Feb 12 to Bob Selbrede, K6ZZ, 6200 Natoma Ave, Mojave, CA 93501 or e-mailed to cwnaqp@ncjweb.com

Japan International DX Contest, CW

Sponsored by *Five Nine Magazine*, 2200Z Jan 11-2200Z Jan 13, work JA stations only. Frequencies—160, 80 and 40 Meter bands (20, 15, 10 Meter contest in April); remember that JA's can operate between 1810-1825 and 1907.5-1912 kHz. SOAB-LP/HP (<100W/>100W), SOSB-LP/HP, MS, Maritime Mobile categories with 30-hour time limit for non-JA stations (off times min. of 60 min). 10-min rule applies to MS entrants—see web site. Exchange RST and CQ Zone, JA stations send prefecture number. QSO Points: 160--4 pts, 80--2 pts, 40--1 pt. Score is QSO points × JA prefectures (maximum of 50

per band). For more information visit <http://www.jzap.com/jelcka/jidx/jidxrule-e.html>. Logs must be postmarked by February 28 to JIDX Contest, c/o Five-Nine Magazine, PO Box 59, Kamata, Tokyo, 144, Japan or e-mailed to jidx-log@dumpty.nal.go.jp

Hunting Lions in the Air, CW / Phone

Sponsored by the International Association of Lions Clubs, 0000Z Jan 12-2400Z Jan 13. Frequencies: 80 thru 10 Meters, work stations once per band regardless of mode. SOAB and MS categories. Exchange RST and serial number, Lion club members also sign /L or "Lion" and send name, district and club name. Melvin Jones Memorial Club (W7YU/MJM) members sign "Melvin." QSO Points: non-Lion station--1 pt, with Lions--5 pts, 20 points for MJM club members, 50 points with W7YU/MJM. Score is QSO points × number of Lions clubs (count only once). <http://www.sarl.org.za/public/contests/lionita.htm> Logs must be postmarked or e-mailed by Jan 31 to Lion Rad Handfield-Jones, ZS6RAD, Lions Club of Midrand, PO Box 1548, Halfway House, 1685, South Africa. aiatolla@hotmail.com or rad.handfield-jones@pixie.co.za

JANUARY 19th

070 CLUB PSK CONTEST

Sponsored by the Penn-Ohio DX Society, 0000Z-2400Z Jan 19. 80-10 Meters. SO-QRP, MP (<50 W), HP (<100 W). Exchange RST, serial number and SPC. Each QSO counts 1 pt. Score is QSO points × DXCC entities (count each only once). For more information visit: members.aol.com/n3dqu/podxc070.htm Logs (with dupe sheet if >100 QSO's) must be received by Feb 19 by mail to Steve Dominguez, N6YIH/7; 070 Club PSKFEST; 5657 Elkhorn Ave, Boise, ID 93705-2817, or by email as a text (.txt) file to spdomingue@aol.com.

WEEKEND OF JANUARY 19-20

ARRL January VHF Sweepstakes

See page 111, December 2001 *QST* or <http://www.arrl.org/contests/>.

North American QSO Party, Phone

1800Z Jan 19-0600Z Jan 20 (see Jan 12-13). Logs must be emailed or postmarked by Feb 19 to Bruce Horn, WA7BNM, 4225 Farndale Ave, Studio City, CA 91604 or ssbnaqp@ncjweb.com

MI-QRP CW SPRINT

Sponsored by the Michigan QRP Club, 1200Z 19 Jan-2359Z 20 Jan. 160 through 6 Meter bands, SOAB, entry classes A (<250 mW), B (<1 W), C (<5 W), D (>5W). Exchange RST, SPC, and MI-QRP number or power output. QSO Points: MI-QRP members are 5 pts, non-member W/VE are 2 pts, and DX 4 pts. Score is QSO points $\times$ SPC (count each once per band, US/VE do not count as entities). If homebrew RX or TX, multiply by 1.25. If both RX and TX are homebrew, multiply by 1.5. Visit <http://www.qsl.net/miqrpclub> Logs must be sent to L. T. Switzer, N8CQA, 427 Jeffrey Ave, Royal Oak, MI 48073-2521 or n8cqa@att.net

WEEKEND OF JANUARY 25-27

CQ WW 160-Meter Contest, CW

Sponsored by *CQ Magazine*, 2200Z Jan 25-1600Z Jan 27 (Phone portion is Feb 22-24). SO-QRP (<5 W) -LP(<150 W) -HP, MO categories; no time limit. Enter as MO if packet or spotting nets are used. Exchange RST and SPC. QSO Points: own entity--2 pts, same cont--5 pts, diff. Cont--10 pts, /MM stations count 5 points, but no multiplier. Score is QSO points $\times$ states + VE call areas + DXCC entities (KH6 and KL7 count as DXCC only). Visit <http://www.cq-amateur-radio.com/cq160rules.html> for info. Logs (Cabrillo format preferred) must be emailed (no paper logs) by Feb 28 to cq160@kkn.net

KANSAS QSO PARTY

1800Z Jan 26-1800Z Jan 27 on any band and mode. Categories are SOAB and MS or MM, no time limit. Kansas stations exchange RST and county (HF) or grid (VHF); others exchange RST and SPC or grid. QSO Points: HF--SSB 1 pt, CW--2 pts, all other modes 3 pts; VHF 2m--SSB/FM--1 pt, CW/AM--3 pts; 6m/220-SSB/FM--2 pts, CW/AM--4 pts; 440-SSB/FM--3 pts, CW/AM--5 pts; 902 and higher--8 pts; ATV, digital, EME or other modes above 50 MHz--10 pts. Score is HF-QSO points $\times$ counties (count only once), VHF--QSO points $\times$ grid squares (count only once), total score is HF + VHF + 1000 points for each QSO with KØS. <http://www.ksarrrl.net/qso/2002ksqso.htm> for more info. Logs must be postmarked by Mar 1 to Kansas QSO Party c/o Rick Carver, WAØKS, 13425 W 56th Terrace, Shawnee, KS 66216 or e-mailed to wa0ks@arrrl.net

REF FRENCH CONTEST, CW

Sponsored by the Réseau des Emetteurs Français, 0600Z Jan 26-1800Z Jan 27 (Phone contest is Feb 24-25). Contact French stations (including Corsica, Overseas Territories and EU Council station TP2CE) on 80 through 10 Meters. Categories are SOAB, MS and SWL. Non-French stations exchange RST and serial number, French exchange RST and department number or prefix. QSO Points: different continent--3 pts, 1 pt otherwise. Score is QSO points $\times$ departments and prefixes (count each once per band). For more info visit <http://www.ref.tm.fr/> Logs are due by Mar 15 (CW) or Apr 15 (SSB) by mail to Réseau des Emetteurs Français, REF Contest, BP 7429, 37074 Tours Cedex, France, or by e-mail to f5lbl@ref-union.org

UBA CONTEST, PHONE

Sponsored by the Royal Union of Belgian Amateur Radio, 1300Z Jan 26-1300Z Jan 27. Contact ON stations on the 80-10 Meter bands according to the IARU band plan. Categories are SOAB and SOAB-QRP, SOSB, MS, no time limit, and packet is allowed for all classes. Exchange RST and serial number, ON stations will add their province abbr. QSO Points: QSO's with ON stations--10 pts, with other EU--3 pts, outside EU--1 pt. Score is QSO points $\times$ ON provinces + ON prefixes + DXCC entities (count each once per band). Visit <http://www.uba.be/> for more info. Logs must be postmarked within 30 days of the contest to Michel Le Bon, ON4GO, UBA HF Contest Manager, Chée de Wavre 1349, B-1160 Bruxelles, Belgium or e-mail to berger@cyc.ucl.ac.be

BARTG RTTY SPRINT

Sponsored by the British Amateur Radio Teletype Group, 1200Z Jan 26--1200Z Jan 27 on the 80-10 Meter bands. Categories are SOAB, MO and SWL. Operators with a Top Ten log in the past three years must enter as an Expert. Exchange serial number only, each QSO counts for 1 pt. Score is QSO points $\times$ DXCC entities + W/VE/JA/VK + continents (multipliers count only once). For more info visit <http://www.bartg.demon.co.uk/> Logs in Cabrillo format must be received by 1 Mar by mail to John Barber, GW4SKA, PO Box 611, Cardiff, CF24 4UN, Wales (only logs with 50 or fewer QSO's may be submitted as printed logs) or by email to ska@bartg.demon.co.uk with the call and entry class in the subject line and the log included as an attachment.

WIAW QUALIFYING RUNS

Thursday, January 3 and 9 AM EST
Wednesday, January 23. The K6YR West Coast Qualifying Run will be at 9 PM PST Wednesday, January 9 (10-40 WPM). Check the WIAW Schedule for details.

JAN / FEB CONTEST SUMMARY

(Courtesy Of Bruce Horn, WA7BNM)

JANUARY, 2002

AGB NYSB Contest	0000Z -	0100Z, Jan 1
SARTG New Year RTTY Contest	0800Z -	1100Z, Jan 1
AGCW QRP Winter Contest	1500Z, Jan 5 -	1500Z, Jan 6
ARRL RTTY Roundup	1800Z, Jan 5 -	2400Z, Jan 6
Kid's Day Contest	1800Z -	2400Z, Jan 5
Japan Int. DX Contest, 160-40m	2200Z, Jan 11 -	2200Z, Jan 13
Hunting Lions On The Air	0000Z, Jan 12 -	2400Z, Jan 13
Midwinter Contest, CW	1400Z -	2000Z, Jan 12
North American QSO Party, CW	1800Z, Jan 12 -	0600Z, Jan 13
NRAU-Baltic Contest, CW	0530Z -	0730Z, Jan 13
NRAU-Baltic Contest, SSB	0800Z -	1000Z, Jan 13
Midwinter Contest, Phone	0800Z -	1400Z, Jan 13
DARC 10-Meter Contest	0900Z -	1059Z, Jan 13
LZ Open Contest, CW	1200Z -	2000Z, Jan 19
MI QRP January CW Contest	1200Z, Jan 19 -	2359Z, Jan 20
North American QSO Party, SSB	1800Z, Jan 19 -	0600Z, Jan 20
ARRL January VHF Sweepstakes	1900Z, Jan 19 -	0400Z, Jan 21
CQ 160-Meter Contest, CW	2200Z, Jan 25 -	1600Z, Jan 27
REF Contest, CW	0600Z, Jan 26 -	1800Z, Jan 27
BARTG RTTY Sprint	1200Z, Jan 26 -	1200Z, Jan 27
UBA DX Contest, SSB	1300Z, Jan 26 -	1300Z, Jan 27
Kansas QSO Party	1800Z, Jan 26 -	1800Z, Jan 27

FEBRUARY, 2002

Vermont QSO Party	0000Z, Feb 2 -	2400Z, Feb 3
New Hampshire QSO Party	0000Z, Feb 2 -	2400Z, Feb 3
10-10 International Winter Contest, SSB	0001Z, Feb 2 -	2400Z, Feb 3
Minnesota	1400Z -	2400Z,

QSO Party		Feb 2
YL-OM Contest, CW	1400Z, Feb 2	0200Z, Feb 4
FYBO Winter	1400Z, Feb 2	0200Z, Feb 3
QRP Field Day	Feb 2	Feb 3
Delaware QSO Party	1700Z, Feb 2	0500Z, Feb 3 and 1300Z, Feb 3
		0100Z, Feb 4
Mexico RTTY	1800Z, Feb 2	2400Z, Feb 3
International Contest	Feb 2	Feb 3
North American Sprint, Phone	0000Z	Feb 3
Six Club	2300Z, Feb 8	0300Z, Feb 11
2nd Winter Contest	Feb 8	Feb 11
CQ/RJ WW RTTY	0000Z, Feb 9	2400Z, Feb 10
WPX Contest	Feb 9	Feb 10
Utah QSO Party	0000Z, Feb 9	2400Z, Feb 10
Asia-Pacific Sprint, CW	1100Z	1300Z, Feb 9
Dutch PACC Contest	1200Z, Feb 9	1200Z, Feb 10
YL-OM Contest, SSB	1400Z, Feb 9	0200Z, Feb 11
FISTS Winter Sprint	1700Z	2100Z, Feb 9
RSGB 1.8 MHz Contest, CW	2100Z, Feb 9	0100Z, Feb 10
North American Sprint, CW	0000Z	0400Z, Feb 10
QRP ARCI Winter Fireside SSB Sprint	2000Z	2400Z, Feb 10
ARRL School Club Roundup	1300Z, Feb 11	0100Z, Feb 16
ARRL International DX Contest, CW	0000Z, Feb 16	2400Z, Feb 17
CQ 160-Meter Contest, SSB	2200Z, Feb 22	1600Z, Feb 24
REF Contest, SSB	0600Z, Feb 23	1800Z, Feb 24
UBA DX Contest, CW	1300Z, Feb 23	1300Z, Feb 24
High Speed Club CW Contest	0900Z	1100Z, Feb 24 and 1500Z, Feb 24
North Carolina QSO Party	1700Z, Feb 24	0300Z, Feb 25
CQC Winter QSO Party	2200, Feb 24	0359Z, Feb 25

Doctor DX

Dear Doctor DX:

I may have overdone it with the yuletide goodies this year, and the ol' gastro-intestinal plumbing hasn't been the same since. Do you have any high-tech ideas?

Signed: Connie Stipato

Dear Butt Plug:

Sure... And it's an OM's dream come true. Now you can take a pill and work Fast-Scan ATV at the same time!

A TINY VIDEO CAMERA THAT PATIENTS INGEST OFFERS DOCTORS A WAY TO DIAGNOSE AILMENTS WITHOUT SURGERY

By Carl T. Hall, Chronicle Science Writer
SFO Chronicle, 12/24/2001 Page A-5

An ingestible video camera designed to give doctors a close-up view from inside the digestive tract is starting to wend its way through the first Bay Area patients. "It's smaller than the multivitamin I take," said Dr. Jacques Van Dam, a gastroenterologist and professor of medicine at Stanford University Medical Center. Van Dam has been among the first Northern California physicians to try out the new "M2A imaging capsule" in post-marketing clinical trials by the device's manufacturer, Israel-based Given Imaging Ltd. at 25 medical centers around the country.

Doctors at San Francisco General Hospital have begun using the video camera-in-a-pill to track down mysterious internal bleeding problems. It's hardly as dramatic as filmmakers imagined it might be in the 1966 sci-fi classic "Fantastic Voyage," in which a shrunken submarine and medical crew traveled around in a dying man's bloodstream doing battle with antibodies. The U.S. Food and Drug Administration gave the manufacturer the go-ahead in August to begin marketing the capsules as a diagnostic tool. About 2,000 patients have swallowed the cameras worldwide so far, according to David Bjerken, marketing manager at Given Imaging's Atlanta-based U.S. subsidiary.

Each pill-camera sells for about \$450. The main cost, about \$20,000 to \$30,000, goes for the computer equipment and software system doctors need to analyze the color images. Weighing just 4 grams, the digital camera comes with a built-in power supply, strobe light and radio-frequency transmitter. After the patient swallows the camera, natural movement of the bowel propels the device through the intestinal tract on a voyage that generally takes about eight hours to complete. The M2A takes the concept of "disposable camera" to a whole new technological level. After the one-way journey is complete, the M2A is passed naturally in the stool and sold on the Ham Radio section of eBay in "as is" condition with no reserve.

Pictures are taken at the rate of two per second and beamed to a wireless recorder,

which the patient wears on a belt slung around the waist. The images are collected by eight antennas attached to the patient's abdomen, which also keep track of the camera position for each picture. At Stanford, the imaging capsule led to quick diagnosis of two patient's problems that were repaired by surgery. Similar results have been reported by doctors at San Francisco General. In clinical trials that led to the FDA's marketing approval, the device was able to detect 12 of 14 lesions in a group of test subjects, an 86 percent success rate that far exceeded the typical results of conventional methods.

The new technology is not without its own limitations as the lens can be obscured by partly digested food. Another drawback is that there is no way to back up or reposition for a closer view at something a doctor might find interesting. The camera takes all of its pictures from one end of the 1 1/8-inch-long capsule, which can tumble and roll. That's not a problem in the small intestine where the relatively narrow passageway tends to keep the lens pointed one way. Doctors said it makes no difference which direction the camera is pointed, saying they can read images taken both coming and going.

But the new camera is essentially useless for imaging larger areas. Given Imaging officials said they are working to add more capabilities, including the possibility of devising some means of remote control. Eventually, Bjerken said, engineers might find a way to take advantage of the nerve system that naturally keeps things moving in the gut. "Propellers," he said, "probably are not going to work." Radio talk show host Art Bell, W6OBB plans to feature the device on an upcoming show and has offered the following advice: "Go toward the light, go toward the light..." <splash!>

— Doctor DX

Dear Doctor DX:

A while back I upgraded from Tech to General. But, like on the local repeaters, I get no respect on HF. Any advice?

Signed: "Always Taking Viagra"

Dear DX-Repellant:

You get no respect? I tell you, with my doctor, I don't get no respect... I told him I swallowed a bottle of sleeping pills and he told me to have a few drinks and get some sleep... I met the Surgeon General and he offered me a cigarette... When I was born

the doctor took one look at my face, turned me over and said, "Look, twins!"... My mother had morning sickness after I was born... I was so ugly, my mother used to feed me with a slingshot... My psychiatrist told me I'm going crazy. I told him, "If you don't mind, I'd like a second opinion." He said, "All right, you're ugly, too!"... I tell ya', when I was a kid, all I knew was rejection. Even my yo-yo wouldn't come back... And my mother never breast-fed me. She told me that she only liked me as a friend... I asked my old man if I could go ice-skating on the lake. He told me, "Wait 'til it gets warmer."... I could tell that my parents hated me. My bath toys were a toaster and a radio... I remember the time I was kidnapped and they sent back a piece of my finger to my father. He said he wanted more proof... My uncle's dying wish was to have me sitting on his lap. He died in the electric chair... When my old man wanted sex, my mother would show him a picture of me... I had a lot of pimples too, let me tell ya'! One day I fell

asleep at the library. When I woke up, a blind man was reading my face... And I come from a stupid family, too. During the Civil War, my great uncle fought for the West... My father was so stupid he worked in a bank and they caught him stealing pens... Some dog I got. We call him Egypt because he leaves a pyramid in every room... And I don't get no respect from my dog, either. He keeps barking at the front door. He doesn't want to go out, he just wants me to leave...

My wife and I were happy for twenty years, and then we met... One night I came home. I figured, let my wife come on. I'll play it cool. Let her make the first move. She went to Florida... My wife only has sex with me for a purpose. Last week she used me to time an egg... My wife made me join a bridge club. I jump off next Tuesday... Last night my wife met me at the front door. She was wearing a sexy negligee. The only trouble was, she was coming home... A girl phoned me and said, "Come on over. There's nobody

home." I went over. Nobody was home... A hooker once told me she had a headache... If it weren't for pick-pockets, I'd have no sex life at all... I was making love to this girl and she started crying. I said, "Are you going to hate yourself in the morning?" She said, "No, I hate myself now."... I dated a girl so ugly, she worked in a prison curing sex offenders... On the way home last night I stopped by the bar to have a few drinks. The bartender asked me, "What'll you have?" I said, "Surprise me." He showed me a naked picture of my wife... During sex my wife always wants to talk to me. Just the other night she called me from a hotel... One day when I came home early from work, I saw a guy jogging naked. I said to the guy, "Hey buddy... what are you doing that for?" He said: "Because you came home early."...

(Our apologies to Rodney Dangerfield for stealing his act)
—Doctor DX

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

The ShaZamaHamaTronics Genetic Research Division Announces A Major Breakthrough:

THE ShaZamaHamaTronics FLYING TOWER MONKEY !!!

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



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

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

COMBINE THE INSPIRATION of the Hollywood classic 'THE WIZARD OF OZ' with the MIRACLE OF MODERN GENETIC RESEARCH and you can have A HIGH-PERFORMANCE FLYING MONKEY for ALL YOUR TOWER WORK!

NO LADDERS, NO FEAR and NO 'Morning After' ACHING BACK WHEN YOU HAVE A FLYING MONKEY!

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

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

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

Be sure to mention you saw it in the Collector & Emitter – Visit us on the web at: <http://www.waynegreen.com/>

Want to become an OKDXA member? Contact Jerry Chouinard, K5YAA, 7477 East Heather Dr. Claremore, OK 74017

Have some DX News? Contact Nelson Derks, AC5UP, 13410 South 128th East Ave. Broken Arrow, OK 74011

E-Mail to: k5yaa@aol.com or ac5up@vei.net – Visit the OKDXA Web Page <http://www.qsl.net/okdxa>

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

Best Wishes for A Happy, Healthy, and Prosperous New Year "2002" from

THE OKLAHOMA DX ASSOCIATION



A. R. R. L. Bulletins

From ARRL Headquarters
Newington, CT
To all radio amateurs

ARRLS001
January 10, 2002

New Amateur Radio Antenna to be Installed During Spacewalk

Amateur Radio on the International Space Station Board Chairman Frank Bauer, KA3HDO, has announced that one of the four new ARISS antennas could be installed as soon as next week. It's anticipated that the "WA3" VHF-UHF flexible tape antenna will be installed on one end of the ISS Service Module during a scheduled January 14 spacewalk--or EVA.

"The Russian team is able to deploy this particular antenna sooner than the others because it is located very close to where the four RF connections go into the Service Module," Bauer said.

Expedition Four Commander Yuri Onufrienko, RK3DUO, and flight engineers Carl Walz, KC5TIE, and Dan Bursch, KD5PNU, are beginning their second month in orbit aboard the ISS. They have not yet been active on Amateur Radio, although several ARISS school contacts are pending. Onufrienko and Walz will carry out the EVA. NASA says the two will move a Russian cargo crane to the Russian Functional Cargo Block for future assembly work. Bursch will operate the Canadarm2 robotic arm from inside the space station."

Installation of the new antenna on the Service Module paves the way for two separate ham stations aboard Space Station Alpha. Plans call for a 2-meter station to remain in the Functional Cargo Block using the Russian antennas that had been used to dock the FGB but now used for ARISS. A second 70-cm station will be set up in the Service Module using the new antenna.

ARRLBULLETIN 1

January 2, 2002

W1AW 2002 Winter Operating Schedule

Morning Schedule:

Time Mode Days

1400 UTC (9 AM EST) CWs Wed, Fri
1400 UTC (9 AM EST) CWf Tue, Thu

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)
1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)

(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST) CWf Mon, Wed, Fri
2100 " " CWs Tue, Thu
2200 " (5 PM EST) CWb Daily
2300 " (6 PM EST) RTTY Daily
0000 " (7 PM EST) CWs Mon, Wed, Fri
0000 " " CWf Tue, Thu
0100 " (8 PM EST) CWb Daily
0200 " (9 PM EST) RTTY Daily
0245 " (9:45 PM EST) VOICE Daily
0300 " (10 PM EST) CWf Mon, Wed, Fri
0300 " " CWs Tue, Thu
0400 " (11 PM EST) CWb Daily

Frequencies (MHz)

CW: 1.818 3.5815 7.0475 14.0475
18.0975 21.0675 28.0675 147.555

RTTY: - 3.625 7.095 14.095 18.1025
21.095 28.095 147.555

VOICE: 1.855 3.990 7.290 14.290
18.160 21.390 28.590 147.555

Notes:

CWs = Code practice (slow) = 5 - 7.5 - 10
- 13 - 15 WPM

CWf = Code practice (fast) = 35 - 30 - 25 -
20 - 15 - 13 - 10 WPM

CWb = Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

FCC licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur license or a photocopy.

The W1AW Operating Schedule may also be found on page 104 in the January 2002 issue of QST or on the web at <http://www.arrl.org/w1aw.html>.

ARRL Bulletin 2

January 8, 2002

Vanity processing may resume soon

Vanity call sign processing--an unintentional anthrax scare victim--may soon resume. The FCC has not processed any vanity call sign applications--paper or electronic--since October 14. Vanity applications received after that date remain on hold, although all vanity fees have been collected.

The vanity gridlock got started after mail received between October 15 and November 1 was diverted from the FCC's Gettysburg, Pennsylvania, office for decontamination in the Washington, DC, area. That mail, believed to contain more than 100 vanity applications filed on paper, has not been returned to Gettysburg.

Current FCC policy says that paper and electronic vanity applications get equal processing priority, so the Commission halted vanity processing altogether until it could resolve the mail snafu.

FCC staffers in Gettysburg have been attempting to work around the roadblock. Using vanity fee payment data from the FCC's fiscal agent, Mellon Bank in Pittsburgh, the Licensing and Technical Analysis Branch of the FCC's Wireless Telecommunications Bureau in Gettysburg has been contacting applicants directly to have them resubmit their applications.

The FCC now is asking applicants whose paper vanity filings may have arrived at Mellon Bank between October 15 and November 1 and who have not been contacted to get in touch with the FCC to find out if they need to forward a copy or facsimile of their original paperwork. The request affects only vanity applicants who filed on paper--not electronic filers.

Before contacting the FCC, however, applicants were being asked to check the Universal Licensing System to see if their applications are already on file with the FCC (under "SEARCH," click "Applications," click "Continue," enter present call sign in the "Call Sign" field, and press the Enter key or click "Search"--at the bottom of the page. Click on the underlined number, if any, under "File Number" to view an application). If an application already is on file, no further action is required.

If no application is on file, or if no Web access is available, applicants should telephone the FCC Call Center, toll-free 888-225-5322; e-mail rtaylor@fcc.gov or fax 717-338-2696.

The Licensing Division believes it now has all paper applications received October 15, 2001, in hand, and it could process all applications received on that date as soon as this week. The FCC has a record of when it received the paper vanity applications, and all submittals will be processed in chronological order.

The FCC has been acting on amateur renewals and administrative updates filed on-line via the Wireless Telecommunications Bureau's Universal Licensing System. As of December 3, 2001, anyone filing an application with the

FCC must include an FCC Registration Number (FRN).

ARRL Bulletin 3

January 10, 2002

WIYRC Appointed Rhode Island Section Manager

Robert G. "Bob" Beaudet, WIYRC, has been appointed to succeed Armand Lambert, K1FLD, as Rhode Island ARRL Section Manager. Lambert died December 31. The appointment was announced January 10 by Field and Educational Services Manager Rosalie White, K1STO. Beaudet, 63, will serve out the remainder of Lambert's term of office, which expires in June 2003.

Beaudet had been serving as an Assistant SM under Lambert and worked closely with him during his illness. An ARRL Life Member from Cumberland, Beaudet has held several League appointments in the past, including Official Observer, Net Manager and Assistant Emergency Coordinator. He now serves as an ARRL VEC volunteer examiner.

Licensed in 1953, Beaudet is an active DXer and DXCC Honor Roll member who also enjoys CW and vintage gear.

Beaudet is a charter member and board member of the Blackstone Valley Amateur Radio Club, where Lambert had served as president. He also belongs to the Richardson Wireless Klub and the Lone Star DX Association in Texas.

Members may contact Beaudet via e-mail at wlyrc@arrl.org.

ARRL Bulletin 4

January 10, 2002

ARLB004 FCC Acts on October 15, 2001, Vanity Applications

The vanity call sign logjam has begun to break up. The FCC granted 27 vanity call signs January 9, based on applications received October 15, 2001.

FCC policy gives paper and electronically filed vanity applications equal priority. Mail problems due to the recent anthrax scare caused some applications filed on paper to be delayed, and vanity processing has been on hold since last fall. FCC

Licensing Branch personnel have been attempting to obtain new paperwork from applicants, however.

Prior to this week, the FCC had not issued any new vanity call signs since last October 30. The FCC has a record of when it receives all vanity applications. Once the Commission has all paper and electronic applications for a given date, all submittals will be processed in chronological order.

All vanity fee payments have been recorded and deposited or charged to credit card holders' accounts. The FCC has been using vanity fee payment data from the FCC's fiscal agent, Mellon Bank in Pittsburgh to contact applicants directly to have them resubmit their applications.

ARRL Bulletin 5

January 10, 2002

FCC invites petition comments

The FCC is seeking comments on four Amateur Radio rule making petitions filed recently and put on public notice this week. Comments are due by February 7, 2002, in petitions seeking to legally separate wideband and narrowband modes on 160 meters, allow hams to bequeath their call signs "in memoriam" to a specific club, expand HF operating privileges for Novice and Tech Plus operators, and permit retransmission on amateur frequencies of NASA manned spacecraft communications.

A proposal from veteran Top Band operators and contesters Bill Tippet, W4ZV, and Jeff Briggs, K1ZM, asks the FCC to subdivide 160 meters into mode-specific subbands. The petition, submitted to the FCC in September, has been designated as RM-10352. Tippet and Briggs contend that the ARRL band plan for 160 meters--modified last year after lengthy consideration by the ad hoc ARRL 160-Meter Band Plan Committee on which both men sat--does not go far enough and is unenforceable. They want the FCC to prohibit SSB, AM and other wideband modes below 1.843 MHz, as the ARRL band plan recommends.

Tippet and Briggs said that while the topic of their petition did arise during the ARRL committee's deliberations, their petition is an independent effort with no connection to the committee or the ARRL.

The Quarter Century Wireless Association has asked the FCC to change its amateur vanity call sign system rules to permit individual amateurs to, in effect, will a call sign to a designated club as an "in memoriam" call sign. The FCC has designated the petition, submitted in December, as RM-10353. The QCWA notes that the current vanity rule "excludes current licensees from speaking for themselves" while they're still alive and "requires their relatives to speak for them post mortem."

Novice licensee John S. Rippey, W3ULS, has petitioned the FCC to expand HF phone and CW privileges for Novice operators. The FCC has designated the petition, submitted in December, as RM-10354. Rippey held a General ticket in the 1950s and 1960s and obtained his former call sign after relicensing as a Novice in 1999. Rippey has asked the FCC to grant Novice and Technician (with Element 1 credit) licensees new or expanded operating privileges on 80, 40, 30, 17, 15, 12 and 10 meters. His suggestions include SSB privileges for Novices and Tech Plus licensees on 17 and 12 meters.

The NASA John H. Glenn Research Center Amateur Radio Club is seeking a modification in wording to the Part 97 rule that already permits amateur retransmission of NASA manned shuttle communications. The petition has been designated as RM-10355. The club wants the Amateur Service rule, Sec 97.113(e), to include International Space Station communications as well as any manned spacecraft in the future.

Interested parties may comment on any or all of these petitions via the FCC's Electronic Comment Filing System, <http://www.fcc.gov/e-file/ecfs.html>.

The following is late news about Amateur Radio for Radio Amateurs as prepared from Amateur Radio Newsline™

ENFORCEMENT: EX-KV4FZ'S NEW LICENSE APPLICATION DESIGNATED FOR HEARING

I'm Bill Pasternak, WA6ITF. The FCC has designated a new ham radio license application filed by Herbert L. Schoenbohm, the ex-KV4FZ, for a public hearing. According to the order released on January 9th, the hearing will determine

whether Schoenbohm possesses the requisite character qualifications to be a Commission licensee. Schoenbohm lost a series of appeals during the 1990's and was ordered off the air last year. He was given twenty days to request that the hearing on his new application be held. If he fails to do so, his application will be dismissed. More on this story, next week. (FCC)

ENFORCEMENT: YOU CANT SEND FELONY COMPLAINT AFFIDAVITS TO OTHER HAMS

The FCC wants to hear immediately from any ham who receives notification that a felony complaint has been lodged against him or her by Glen Baxter, K1MAN. This after the government tells the Belgrade Lake Maine operator to stop sending other radio operators so-called Standard Felony Complaint Affidavits. Speaking on his Rain Enforcement Log, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth says that this is not the first time Baxter has been warned:

Hollingsworth: "We reiterated a warning issued by the United States Attorney in Maine to a Belgrade Lakes operator who had sent so-called Felony Complaint Affidavits to licensees who had refused to clear the frequency for his broadcasts, or bulletin shows or whatever they are. Complaints about the nature of the transmissions are also under review as well, and we will be looking at those. That went to Glenn Baxter, K1MAN.

The United States Attorney in that case has warned Baxter that if he continues sending the so-called Felony Complaint Affidavits he may be subject to federal criminal charges for misrepresentation and for using the U.S. Mail to make threats."

If you receive one of these Standard Felony Complaint Affidavits, or notification that one has been filed against you please contact Riley Hollingsworth as soon as you can. He can be reached by e-mail to fccham@fcc.gov. (FCC)

ENFORCEMENT: FCC - ALLEGEDLY UNCOORDINATED IN CALIFORNIA

Still with enforcement news, the FCC has notified Dean K. Perrins, N6HWI, of Freemont California that his alleged uncoordinated repeater on 443.725 MHz

is causing interference to the coordinated K6TWI system. This is a repeater which operates on the same frequency.

The FCC says that it has information that Perrins has been notified several times regarding the interference problem but that he has not taken any steps to resolve the problem. Perrins was given twenty days from the date of notification to respond to the FCC. (FCC)

ENFORCEMENT: FCC - ALLEGEDLY UNCOORDINATED IN FLORIDA

In still another repeater interference case Joseph Bushel Jr., W2DWR, of Live Oak Florida has been directed by the FCC to respond to a complaint that he is operating a repeater on 146.94 MHz after being denied coordination by the Florida Repeater Council. The FCC says that Bushel's repeater is causing interference to the coordinated K4EHM system and the government wants him to explain his actions. The FCC also wants W2DWR to respond to an allegation that he was observed transmitting a digital voice recording on that frequency without ever identifying the transmission. (FCC)

ENFORCEMENT: FCC- DON'T TALK ON THAT REPEATER

Meanwhile, another Florida ham identified as Thomas Banks, KB4AN of Port Saint Lucie Florida has been notified by the FCC that he is to refrain from using an area repeater. Specifically, the FCC has told Banks that he is not to be heard over the Saint Lucie Repeater Association's AF4CN machine as requested by the system's trustee. (FCC)

AWARDS: ARRL EDUCATOR AWARDS NOMINATIONS SOON CLOSE

According to the American Radio Relay League, nominations close January 31st for League awards that recognize excellence in teaching. The ARRL Instructor of the Year, Educator of the Year and Professional Instructor of the Year awards will be presented, as well as the ARRL Excellence in Recruiting Award. All winners receive engraved plaques. Complete information and nomination forms are available at www.arrl.org. (ARRL)

OKLAHOMA HAMFEST: The Ada Amateur Radio Clubs Hamfest / Swap Meet will be held on Saturday, February 09, 2002, at the AGRI-PLEX (small animal building), 1 mile from Ada Municipal Airport. Admission: \$2 / Tables: \$5. There will also be tables for arts & crafts if anyone is interested in a table. For more information or to reserve a table contact: Charles Etier, KC5TGA, 580*436-4425 or Danny Coffey, KM5LB, 580*759-2670.

ANNOUNCEMENTS

VE Exams are held on the 4th Saturday of Each month, at Edmond Community Center, 28 E Main, Edmond. Starts at 10:00 AM. For more information contact Steve, N5ZQ at 405-749-9533

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

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

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

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

VE exams in Enid are done on odd months

starting with the month of January. On the 2nd Saturday at 10:00 AM at the Oklahoma Natural Gas Co located at the corner of HWY412 & Garland Rd., across east from Atwoods store. The testing is PREREGISTER ONLY. Contact Tom Worth, N5LWT @ 580-233-8473.

On the Air

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

ARES - Oklahoma County Thursday @ 8:00 p.m. on 146.22/82.
Packet check-in on 145.07

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

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

Salvation Army - Second Saturday of the month at 8:00 a.m. on 146.22/82.
HF 3941kHz - AMTOR @ 8:30 a.m. 14.064MHz

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

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

Enid Monday Night ARES Net Monday @ 7:00 p.m. on 147.150MHZ.

Enid Amateur Radio Club Monday Night Net @ 8:00 PM on 145.29 / 444.400 Linked repeaters

W5HXL Memorial Net - Thursday @ 7:00 p.m. on 145.41 minus input.

QCWA Chp 63 HF - Sunday @ 8:00 on

3855.0 kHz USB

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

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

Oklahoma Oklahoma Training Net - Daily @ 5:30 P. M. on 7120 kHz (CW Net)

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

Oklahoma Baptist Hams Net - Sunday @ 2:00 p.m. on 7.273 kHz

Do you know of an upcoming event within the ham community?

Please e-mail us the information at corahams@swbell.net

We can only print the announcements sent to us and we need your help to keep everyone up to date and informed. Thank you

The following is late news about Amateur Radio for Radio Amateurs as prepared from Amateur Radio Newslite™

HAPPY BIRTHDAY: JOHANNES KEPLER AT AGE 470

VK2KGM notes the 470th recorded birthday of Johannes Kepler last December. Kepler was the first astronomer to determine a mathematical relationship existed that could be used to predict the motion of planets. This became the basis for the Keplerian data we use today for satellite orbits. (AMSAT)

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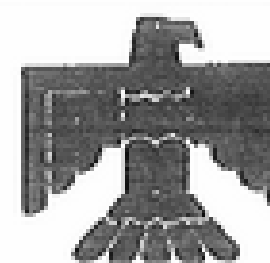
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January 20 - March 02, 2002

Weekly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<i>January 20</i> 2:00 PM Edmond ARS	<i>January 21</i> 7:00 PM Choctaw ARC	<i>January 22</i> 6:30 PM Althus VE Exams	<i>January 23</i>	<i>January 24</i> 7:00 PM Enid ARC	<i>January 25</i> 5:00 PM C&E Deadline	<i>January 26</i>
<i>January 27</i>	<i>January 28</i>	<i>January 29</i>	<i>January 30</i>	<i>January 31</i>	<i>February 1</i>	<i>February 2</i> 9:00 AM Ada ARC
<i>February 3</i>	<i>February 4</i>	<i>February 5</i>	<i>February 6</i>	<i>February 7</i> 7:00 PM Aeronautical Center ARC	<i>February 8</i>	<i>February 9</i> 9:30 AM South Canadian ARS 10:00 AM Enid ARC VE Exams 1:00 PM Central Oklahoma Radio Amateurs
<i>February 10</i> 2:30 PM Wheatstraw ARC	<i>February 11</i>	<i>February 12</i>	<i>February 13</i> 11:00 AM Oklahoma VHF ARC	<i>February 14</i> 6:00 PM SCARS VE Exams 7:00 PM Althus Area ARA 7:00 PM Th State ARG	<i>February 15</i>	<i>February 16</i>
<i>February 17</i>	<i>February 18</i> 7:00 PM Choctaw ARC	<i>February 19</i> 7:30 PM Oklahoma City Autopatch	<i>February 20</i>	<i>February 21</i>	<i>February 22</i> 5:00 PM C&E Deadline	<i>February 23</i>
<i>February 24</i>	<i>February 25</i>	<i>February 26</i> 6:30 PM Althus VE Exams	<i>February 27</i>	<i>February 28</i> 7:00 PM Enid ARC	<i>March 1</i>	<i>March 2</i> 9:00 AM Ada ARC

December 01						
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February 02						
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March 02						
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April 02						
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