

# Collector & Emitter

Central Oklahoma Radio  
Amateurs, Inc. Publication

**February 2002**  
Volume 28, Number 2  
Issue 324  
\$1.00

Periodical Mail

Postmaster See Page 2  
For Postal Information

**Ada Hamfest**  
Feb 9, 2002  
Ada Agri-plex

**CORA Meeting**  
Feb 16, 2002 1:00 PM  
Skyline Restaurant, OKC

**Choctaw Swapmeet**  
Feb 23, 2002  
Midwest City Community Ctr

**Green Country Hamfest**  
March 15 – 16, 2002  
Claremore Expo Center

**Technician Class starts Feb. 11<sup>th</sup>**

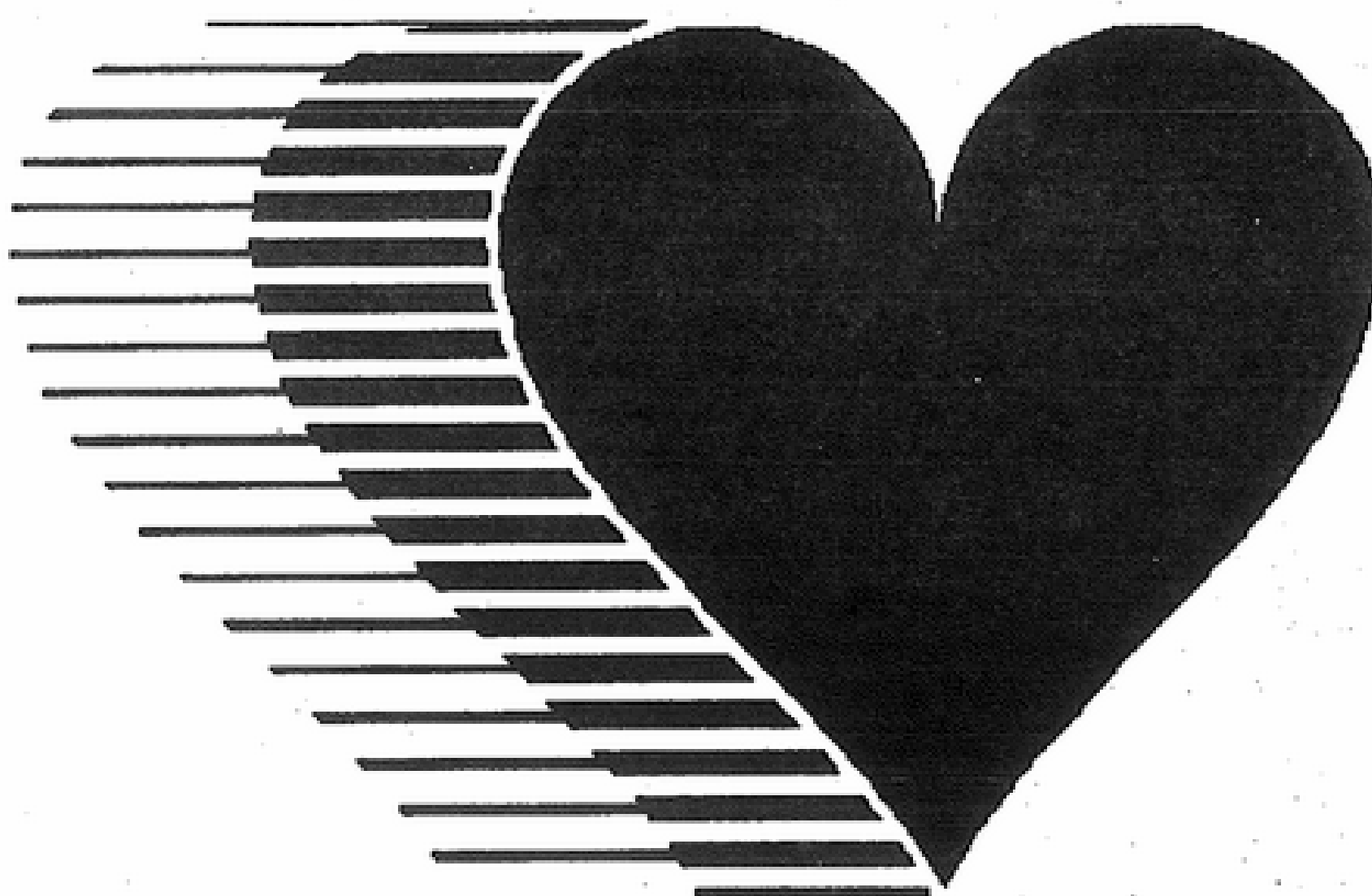
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*Happy Valentine's Day*

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**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](http://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  
JOHN E. DOE, KA5ABC  
1234 SW 56th STREET  
RADIOVILLE, OK 74321-9876

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.

**February 2002****VOL. 28, No 2 Issue 324****Collector and Emitter  
(USPS 116-150)**

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|  |   |
|--|---|
| <b>1. Aeronautical Center ARC</b><br>Meets: 7:30 p.m., 1st Thursday, FAA,<br>S. MacArthur, OKC<br>Pres.: Clarence Warstler, KB5IBY 632-3545<br>VP:<br>Sec./Tr.: Paul Solheim, WB7QIN 381-3574<br>Editor:   | <b>10. Oklahoma DX Association</b><br>Meets: Hamfests and as announced in C&E.<br>Pres.: Jim Hood, K5TT 405-732-6131<br>VP: Dave Ratliff, W5ATV 918-446-5957<br>VP: Jim Green, N5PMP<br>Sec./Tr.: Jerry Chouninard, K5YAA 918-341-2659<br>Editor: Nelson Derks, AC5UP 918-451-1594  |
| <b>2. Oklahoma Central VHF ARC</b><br>Meets: 11:30a.m., 2nd Wednesday, Home Town Buffet,<br>3900 NW 63 <sup>rd</sup> , Oklahoma City<br>Pres.: Bill Noland, WA5FWD 354-5018<br>VP: Gene Hawkins, KA5CTN<br>Sec: John Dome, KB5WVE 842-3493<br>Treas.: Jim Speck, W5AI 842-3055<br>Editor:  | <b>11. Edmond Amateur Radio Society</b><br>Meets: 2:00 p.m., 3rd Sunday, Edmond Community<br>Building 28 E Main, Edmond OK<br>Pres.: Dick Stimson, KK5XO 348-6542<br>VP: Brad Thomason, AC5CQ<br>Sec: Bruce McCubbin, KD5LVV<br>Treas.: De Stimson, KD5LSK<br>Editor: Curtis Foote, KC5GEP 359-6514<br><a href="http://edmondsun.com/ears">http://edmondsun.com/ears</a> e-mail: k5eok@arri.net         |
| <b>4. Oklahoma City Autopatch Assn.</b><br>Meets: 7:30 p.m., 3rd Tuesday, Salvation Army Bldg.<br>At 44 <sup>th</sup> Street & Bryant<br>Pres.: Mark Hamblin, WL7FT 732-2087<br>VP: Mark Watkins, NM5W 340-8596<br>Sec: Clay Mayrose, WA6LBU<br>Treas.: D.C. "Mac" Macdonald, K2GKK<br>E-mail: <a href="mailto:ocapa@juno.com">ocapa@juno.com</a>    | <b>Ham Holiday 2002<br/>July 19 - 20, 2002</b>  |
| <b>6. Altus Area Amateur Radio Assn.</b><br>Meets: 7:00 p.m. 2nd Thursday, Southwest Area Vo-<br>Tech Center, 711 W Tamarack Altus, OK<br>Pres.: Dale Town, N5VX 580-477-4027<br>VP: Ron Roman, KC5CYW 580-482-8446<br>Sec: Debbie Grime, KD5LMW 580-480-1252<br>Treas.: Fred Molledahl, AB5FS 580-482-5308<br>Editor: Lil Town, KC5CNA 580-477-4027 | <b>15. South Canadian ARS</b><br>Meets: 9:30 a.m., 2nd Saturday, Red Cross Bldg<br>North OU Campus, Norman<br>Pres.: Ed Berkowitz, N3US 364-8884<br>VP: Bill Baker, N5UMH 366-8641<br>Tr: Jeff Wyke, KT5OK 329-6762<br><a href="http://www.telepath.com/n5dkr">http://www.telepath.com/n5dkr</a>  |
| <b>7. Enid Amateur Radio Club</b><br>Meets: 7:00 p.m. 3rd Thursday, American Red Cross<br>400 N Grand, Enid, OK<br>Pres.: Dean Feken, KL7MA 580-336-3326<br>VP: Ralph Gandy, N0NOU<br>Sec: Tim McAnally, KD5KTB 580-234-0948<br>Treas.: Theresa Locke, KC5TTD<br>Editor:   | <b>17. Ada Amateur Radio Club</b><br>Meets: 9:00 a.m., 1st Saturday, Salvation Army Bldg<br>115 N. Oak St., Ada, OK<br>Pres.: Charles Eiter, KC5TGA 580-436-4425<br>VP: Danny Coffey, KM5LB 580-759-2670<br>Sec: Darla Coffey, KC5RGU 580-759-2670<br>Tr: Scott Renes, KD5AJL 580-436-1369  |
| <b>8. Choctaw Amateur Radio Club</b><br>Meets: 7:00 p.m., 3rd Monday, Eastern Oklahoma Co.<br>Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK<br>Pres.: Chuck Kanach, KC5EVS 390-2231<br>VP: Bill Tarkington, KC5ICR<br>Sec: Kay Hlozman, KB5VJR 391-3398<br>Treas.: Larry Brewer, K5VVD<br>Editor:   | <b>19. Tri-State Amateur Radio Group</b><br>Meets: 7:30 p.m., 2nd Thursday, Woodward, OK<br>Pres.: Larry Goodwin Sr. K5LHG 580-886-3283<br>VP: Gerald Bowman, W5AOK 580-994-5600<br>Sec/Tr: David Maas N7HRT<br>E-mail: <a href="mailto:w5okt@arri.net">w5okt@arri.net</a>  |
| <b>9. Wheatstraw Amateur Radio Club</b><br>Meets: 1:30 p.m., 2 <sup>nd</sup> Sunday, Location Varies<br>Pres.: Leo Piel, WZ5H 580-886-2998<br>VP: Ray Barnes, AB5Z 580-274-3334<br>Sec/Tr.: Joe Garland, WA5FLT 405-893-2660<br>Editor: Ralph Wilder, Wa5PFK 405-623-5421  | <b>Central Oklahoma Radio Amateurs</b><br>Meets: 12:00p.m., 2nd Saturday, Skyline Restaurant,<br>SE 15 <sup>th</sup> ST and I-35, OKC<br>Pres.: Ron McCubbin, KC5QCV 341-0591<br>VP: Chuck Kanach, KC5EVS 390-2231<br>Sec: Forrest Rush, N5VWF 842-8486<br>Treas.: Dave Duskin, NE5S<br>Editor: Linda G. Miller, N1LPN 672-7735<br>E-mail: <a href="mailto:corahams@swbell.net">corahams@swbell.net</a> |

**Deadline for March Issue of Collector and Emitter is Friday 22 February 2002. Send all Articles to Collector and Emitter, 4216 Spiva Drive, Del City, OK 73115-4424 on 3 1/2 inch floppy or e-mail to [corahams@swbell.net](mailto: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.

From the New CORA President:

Greetings,

My name is Ron McCubbin, I recently was elected to the position as President of CORA on January 12, 2002. I have a background in electronics. I worked at F.A.A. in Oklahoma City for 26 ½ years and retired in April 1994. I became a licensed Ham Operator on August 7, 1995.

I am an active member of E.A.R.S in Edmond and Oklahoma City Autopatch Association in Oklahoma City. Prior to being elected as President of CORA, I have been an active appointed CORA Representative for Edmond Club and an active member of the CORA Board for the past 6 years. I have served 2 years as Vice President of Oklahoma City Autopatch Association.

I must say, I have met and worked with many wonderful Ham Operators, and with your help, I am looking forward to a another successful and exciting Ham Holiday 2002, that this coming up on July 19th and 20th of this year. I want to see a increasing in attendance from over all ham community and also those Ham-pleasing commercial dealers to.

73 Ron. KC5QCV

From the Editor's desk:

Hi and hopefully this newsletter will be on time this month. My sincere apologizes for the lateness of the January *C & E*. I have been asked by some of the clubs how they might help to make my job just a little easier.

Right now, my biggest concern is the Subscription Cards for the *C & E* that are required by the USPS. I know that many do not like the cards and to be honest, I don't either but the Post Office says we must have one on file and it must be current for every person we mail a newsletter to. These cards are required to be on file to keep our non-profit mailing

permit. The Post Office has the right to come to my door at anytime and request to see our records and these cards, and they have inspected the records in the past. Now you know why these cards are so important.

The cards do not need to be signed by the member but it is nice to have them signed if possible. The club Sec./ Treasurer can fill out the cards. A few clubs have had a card filling out party so not one person is left filling out anywhere from 14 to 250 cards by themselves. I will be sending cards to all of our clubs as soon as the printer has them ready. To save money, the cards will be mailed under 'MEDIA MAIL' and should arrive within 5-7 days from the date I mail them. 'MEDIA MAIL' is what at one time was called BOOK RATE and they just changed the name. Still, this is the best way to send our cards at the cheapest postal rates and what is a few days wait when you save money, right?

PLEASE! I need these cards filled out and returned as soon as possible. To save the clubs money, please return them be sending them as 'MEDIA MAIL' or if you happen to be in the OKC area let me know and we can meet somewhere or you can drop them by the house. I am not one to rely on email but ask that you drop me a line to let me know that your cards are have been mailed to me. Email address: [corahams@swbell.net](mailto:corahams@swbell.net) or [nllpn@swbell.net](mailto:nllpn@swbell.net) or call me if it is a local call at 405-672-7735.

Next another major concern of mine, which you can help me with, is to send the CLUBNEWS & REPORTS & ARTICLES in on time. I can not print something if it is not sent in to me. I understand that everyone has a life beyond ham radio and that events happen when the club editor/reporter is unable to send in

an article on time. If this happens, call me and maybe together we will be able to find a solution. Articles are accepted typed, handwritten (as long as I can read it), in plain text on a diskette and by email. Next month, I will reprint the article Hal, KB1ZQ wrote telling the actual format we use for articles for those of you who have been requesting I run the article again.

Right now, I am more concerned with continuing this newsletter at level of quality you have come to expect and plan to continue to promote ham radio and the many facets of the hobby. To be able achieve this goal, I need individual hams to write articles and to send them in. We are in the hobby of communication and writing is just another form of communication.

So, If you will help me with bringing the Subscription Cards up to date, that will be a blessing. The club editor/reporters are in fact the real staff of this newsletter and together we have created something wonderful and special. They need our support and a huge thank you for a job well done and sometimes a helping hand when they are unable to get their articles in on time. Remember, this is your newsletter and I am just your humble editor who pulls it all together.

Enjoy...88  
Linda NILPN

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*J. Alan Soper, Esq. - KD5NRS*

17 East First Street

Edmond, Oklahoma 73034

(405) 330-4053



South Canadian Amateur Radio  
Society  
Norman, Oklahoma

#### Meeting Minutes for 1-12-2002

We are saddened to report one of our charter members, Leland Black W5MCN became a silent key last week. A number of club members were absent from the meeting in order to attend the services. Bill N5UMH and Dave N5KUJ, were pall bearers and all SCARS members were honorary pall bearers. Leland worked at Henry Radio as a young man and finished a distinguished career in electronics at the FAA.

In addition we received word that Betty Neptune N5OQW, passed away at her home in Bartlesville. Betty was the YL of Ken Neptune KA5EFJ, who became a silent key in 1994. They were both very active in the club before retiring to Walker, MN.

When the meeting convened at 9:30 AM, 27 members and guests were present for the first monthly meeting at Norman Moose Lodge 1799. Our deepest thank you to all the members of the Lodge for allowing our club the privilege of utilizing the building. Specifically Louis Kennedy KC5ABI and Jim Webb KC5TMJ, for their roles in making this happen. The Moose Lodge is an excellent facility and I am certain every SCAR's member will make the Moose Lodge proud of our affiliation.

Jeff KT5OK, our club treasurer reported we are still solvent. Even so, there are a number of members with dues outstanding. For those who have not yet paid their dues please remit to Jeff at the earliest convenience. Jeff also reported Skywarn Storm Spotting classes will begin March 2nd at the Postal Training Center. Our friends at the NWS will conduct the presentations and training.

Ken KC5OU, related the UHF repeater is working fine. Those in attendance at last month's meeting might remember Ken's repair work to the repeater. Some corrosion was found to be causing a problem. A careful cleaning following a ride to Ken's shack fixed the problem. As usual, well done Ken.

Lyeal, W5SJC, reported the CORA meeting was to be held at the Skyline Restaurant later in the day. We thank Lyeal for his attendance and representing our group in such a professional manner. C&E may need to raise rates to make ends meet. Since that day's CORA meeting was to discuss this topic, I leave it to the reader to find that information in this issue of the C&E. Any SCARS member is allowed to attend the CORA meeting and is certainly encouraged to do so.

David, N5LCL, will be teaching the Amateur Radio Class this year, beginning in February. The Norman Moose Lodge graciously extended permission to use their facility for this class. The starting date is open at this time, but it will be on Monday evenings from 7 to 9 PM. David has the latest ARRL videos and is a knowledgeable and excellent instructor. If you have friends interested in getting their ticket, then this class will be a prime opportunity for them. David plans to have presentations in addition to the seminars and video.

Ed N3US, floored the motion that we consider the Moose Lodge pavilion as a site for our Field Day. He reminded the club that Field Day was not that far off and that it is time to begin planning. A motion to consider the Moose Lodge Pavilion passed. The club has ample equipment stored at the club shack and in various members shacks. Although we have a fine generator that works great thanks to the skillful hands of Ralph KA5RUZ, it was suggested that we again ask to borrow the Moore Emergency vehicle. This vehicle has a generator mounted on

the front with enough oomph to full all our power needs.

We didn't get the 2001 Field Day results in time to include in last minutes so a big thank you to all who were a part of our best one ever. In Class 3A we ended up #80 out of 350 and the highest finishing Oklahoma club with 3634 points. I am convinced that the Hamburgers, Hot Dogs and Salmon had something to do with it not to mention Bert K2BA and Carmen K5ADI and their CW work.

Leroy KF5KJ, a friend of the club, has announced he would like to sell his HF equipment. Anyone interested should contact him via David N5LCL.

The meeting adjourned and President Tom KD5ENL furnished these minutes to;

Bill N5UMH 73

#### \*\*\*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

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**BIRTHDAYS:**

Here are the February birthdays for EARS members:

|      |                  |        |
|------|------------------|--------|
| 2-03 | Terry Deas       | W5WTD  |
| 2-03 | Don Sherry       | KD5FQS |
| 2-05 | Barbara Kiespert | KB5DGH |
| 2-06 | Jeff Lovejoy     | K1PWM  |
| 2-22 | Brad Thomson     | AC4CQ  |
| 2-23 | Denise Thomason  | KC5OVD |
| 2-27 | Will Williamson  | WA5HFB |

Happy Birthday!

**CLUB WEBSITE:**

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

**January Club Minutes:**

Edmond Amateur Radio Society  
Board Meeting Minutes  
January 8th, 2002

Club President Dick Stimson KK5XO called the Meeting to order at 7:00 PM

In attendance were: Bruce McCubbin KD5LVV, David Wolf KC5KJE, Ed Price KA8NBG, Dick Stimson KK5XO, Brad Kiespert KG5UK, Bill Hoag K5URM, Ron McCubbin KC5QCV, Curtis Foote KC5GEP, Earnest Wolf K5YKD, Larry Traub N5OL, Clara Granger KG5UG, Barb Kiespert KB5DGH, Brian Kiespert KB5ODR, Joyce Wolf KC5NBI, De Stimson KD5LSK, Terry Deas W5WTD, Bob Coxsey KM5GZ.

**Officers Report**

Vice President: Brad Thomson AC5CQ – Not Present.

KD5LV: Nothing at this time.

Treasurer: De Stimson KD5LSK read Treasurers report prepared by Robyn Price

KD5ISC. The Board approved the Treasures report

Repeater: Lee Vaughn KA5WIS – Not Present.

Emergency Coordinator: Ken Stepp N5DBM – Not Present.

**Board Members:**

Ed Price KA8NBG, Brad Kiespert KG5UK, Terry Deas W5WTD-Nothing at this time. Sam Sitton W5CU, Mike Delany KB5HXT-Not Present.

Activities: David Storey K0TYC – Not Present

HF: Ed Price KA8NBG – Reported requests for QSL cards from the club were way down from last year, from around 100 last year to somewhere in the 40's this year.

Club Station: Dee Mize WD5FHR – Not Present.

C.O.R.A.: Ron McCubbin KC5QCV said C&E still did not have an editor. A vote for C.O.R.A. Presided was likely to occur at the next meeting. Ron suggested the E.A.R.S. club minutes be placed on the club web site if there are no further C&E publications. There was discussion about a public consumption version of club minutes omitting dollar amounts to be used for web site. Clara Granger KG5UG, asked what had happened to articles that had already been submitted to C&E. Curtis Foote KC5GEP said all club information including articles had been submitted to the C&E e-mail address as normal.

Membership: Robyn Price KD5ISC – Not Present.

Calling Committee: Clara Granger KG5UG said she would continue to operate the calling committee if the Board wanted here too and asked the Board what information and what type of calls they wanted her to make. Dick Stimson asked if she would continue to make the general information calls with meeting dates and any activities, as she had done in the last year. Clara also wanted to know if Trish Kuper KC5YBP was going to continue to send out e-mail notifications. Dick said he had not approached her about it since she recently had a baby boy.

Health & Welfare: Alice Stewart WA5UEW, who was not a club member but checked in regularly to the Monday night information net, has joined the ranks of the Silent Key. The Edmond Amateur Radio Society expresses condolences to the family.

Web Page: Ed Price KA8NBG – Ed said John Beresford, non-member, made an offer to the club to host the clubs web site. The new server would offer more space and easier administration. It was approved by the Board to move the K5EOK web site to the new server.

Net Control: Bob Coxsey KM5GZ said everything was going fine with the net.

Past President: David Wolf KC5KJE presented a revised profit report from the last technician licensing class; the figures are correct in the current Treasurer Report. David also presented a television set to the club that was donated anonymously. Any undistributed plaques and certificates from the previous year will be kept in the club station. The Christmas dinner made a profit that will go to the College Scholarship Fund.

**Old Business**

Dee Mize WD5FHR was not present to report on the inventory status or insurance. Net Zero Internet service has been installed on the club computer. Hafer Park pavilion rental has not been made yet. Larry Traub N5OL was checking on the site availabilities and would get back to the Board with the information.

**New Business**

Ron McCubbin KC5QCV presented local newspaper advertisements on computer printers for review by the Board. Terry Deas W5WTD said he has a printer still in its box he will donate to the club. Ed Price asked if the club wanted to host an electronic version of the C&E on the club web site. Discussion followed, but topic was tabled pending action C.O.R.A. takes during their next meeting. David Wolf said the review committee was on schedule and should have a report for the Board next month. It was approved by the Board to accept the December Minutes as presented by former Secretary Bob Coxsey KM5GZ. Bill Hoag K5URM asked if E.A.R.S. was planning on working the St. Patrick's Day Parade. David Wolf said we are planning

on working the event but are waiting to be contacted by the event coordinators.

A motion to adjourn was approved at 7:56p.m.

Minutes written and submitted by:  
Club Secretary  
Bruce McCubbin KD5LVV

#### **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](http://www.k5eok.org) for updated information on these events.

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

The February Test will be on February 2nd at noon. The March Siren Test will be on March 2nd. Storm season is just about here already, so help Edith out as we prepare. Please let her, 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 33<sup>rd</sup> in Edmond at noon. Contact KM5GZ or KK5XO for more information.

Breakfast is a club function each Saturday at the Golden Corral on South Broadway around 8:15 on each Saturday morning. Someone will be on the repeater to guide you in.

The club station is open on Thursday nights for general use. Have you used the new rig yet? It has been there for a while just asking to be used.

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 Club Meeting will be a dinner meeting on the 16<sup>th</sup> of February. Check the Monday Night Net or the Website for location.

We will be helping with the St Patrick's Day parade in OKC this year. Check the net for more detail, as the date gets closer.

Storm Spotter training is coming to Edmond this year on the 19<sup>th</sup> of February. The class will be about 2 hours of information and instruction by National Weather Service staff. It will take place in Rooms 213/215 in the Edmond Community Center. That is a smaller room than we have had in the past, so first come first served. Call in to Kevin Means at the City of Edmond extension 564 for your reservation.

#### **HEALTH and WELFARE:**

Health and Welfare  
Jan. 25, 2002

Johnny Sakaly had not been feeling well, so at our last club meeting we passed around a card, had the members to sign it and mailed it to him. This is his response:

"I have signed many such cards without realizing what it really means to the sick person. It is a beautiful sentiment and thank you so much."

Your friend,  
Johnny, KM5GM

Congratulations to all the Kuper family! Steve, KC5RYT and Trish, KC5YBP are the proud parents of a precious little son, John Stephen, who was born in Deaconess Hospital on December 29th, 2001 at 2:05 AM. He weighed 7 lbs. and 4 oz - height 20 inches. We hope all is going well and wish the best for you.

We were sorry to hear that Alice Stewart, WA5UEW, passed away recently. She was always a faithful participant on the Edmond Amateur Radio Society Net and will be missed by all of us. We offer our deepest sympathy to her family.

Anyone that has health and welfare news that you would like for me to report please give me a call @ 341-2968.

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](mailto:cfoote@theshop.net).

#### **AMATEUR RADIO NEWSLINE(tm)**

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

#### **HAM RADIO NUMBERS: THE HOBBY IS GROWING AGAIN**

Ham radio is growing again. Amateur Radio Newsline's Bruce Tennant, K6PZW has the details:

Some numbers that the ham radio industry will be glad to hear in these hard economic times. According to a census on the QRZ Super Site, as of January 15th, there are now 720,194 Amateur Radio Licenses in the United States. Of these, 99,470 are Extra Class, 88,982 hold the legacy Advanced Class, 142,723 are now General Class, 95,174 hold the legacy Technician Plus, an unbelievable 241,179 are code-free Technicians while only 52,666 are left holding the legacy Novice class.

By geographic location, California has more hams than any other place. The Golden State represents over 15 percent of the nations total with 109374 of its citizens licensed as Radio Amateurs. And there has been some dramatic growth in Texas which has unseated Florida as the Second place leader with 6.23 percent. Florida now is in third place with 5.99 percent. Forth place goes to New York State with 4.76 percent with another growing state -- Ohio breathing at its boots with 4.43 percent.

It should be noted that these figures include military, recreational and club call signs. When you look at the adjusted numbers, the number is closer to 692,000 which is still a sizable increase over the figures in June of 2000. That seems to have been the low point of the past ten years when numbers dipped to only 674,792 people holding ham radio licenses in the United States.

For the Amateur Radio Newsline, I'm Bruce Tennant, K6PZW, Reporting in Los Angeles.

By the way, legacy license classes we refereed to are those discontinued when ham radio restructuring was introduced. The Advanced, Technician Plus and Novice fall into that category. They can be renewed, but no new licenses in those classes are offered. (W5YI, QRZ, others)



## Oklahoma City Autopatch Association

### OCAPA MEETING MINUTES 15JAN2002

President Mark Hamblin, WL7FT, called the January 2002 meeting to order at 1940 local time. Introductions were made with three officers, seventeen members and one guest present.

Mark, WL7FT gave a report on the progress of the Salvation Army station and the Oklahoma City Memorial Marathon.

Hal, KB1ZQ gave a report on ORSI.

Mark, WL7FT, then made the CORA report. The future of C & E was discussed. It was reported that Linda, N1LPN has volunteered to accept the job of editor.

A motion was made by Ron, KE5M to increase the club dues to \$35.00 per year to help cover expense of the C & E. The motion was seconded by Alton, KD5KVQ, will be presented to the remaining membership and voted on at a future meeting. It was also announced that Ron, KC5QCV was elected President of CORA.

Mark, WL7FT told us that he attended a meeting of the Hulapi ARC in Kingman Arizona during which the Route 66 Special Event was brought up.

Mark also gave a report on the VE test session held before the meeting. He presented an idea for discussion to offer a discounted one year membership to new hams testing at the OCAPA VE test sessions. A committee was formed of Tom, WA9AFM, Lucien, KD5LPV, and Mac, K2GKK to study the by laws concerning the matter.

Mark, WL7FT gave a technical committee report on the club equipment.

Mac, K2GKK gave the treasurers report and a motion was made by Hal, KB1ZQ

and seconded by Ron to accept the report as read. The motion passed.

Mark, WL7FT gave a report on the December Christmas party \ meeting.

Glynn, N5WNL gave a report on Field Day 2002.

Hal, KB1ZQ talked about the CT logging program and the possibility of networking the logging terminals at Field Day.

Ken, WA5DTL, Tom, WA9AFM and Jerry, K5OL had prepared and presented a wonderful demonstration of APRS.

The meeting was adjourned at 2115 local time.

Mark Watkins, NM5W  
Vice President

**AMATEUR RADIO NEWSLINE(tm)**  
The following is late news about Amateur Radio for Radio Amateurs as prepared from Amateur Radio Newsline™

### THE 900 MILE GAMEBOY DASH

And finally, another kind of communications. The kind one finds between a parent and child. It comes from the U-K where a devoted mother traveled 900 miles so her son could play with his GameBoy on a school trip.

According to news reports, Carol Dukes spent the equivalent of \$220 in United States currency on planes and taxis. This, in a dash from her home in Berkshire to London's Heathrow Airport and on to

Scotland to catch her 11-year-old son Charlie after she realized he had left the handheld computer game at home.

Charlie Dukes was on a school field trip. Carol Dukes caught up with her son's train at the Dumbarton station near Glasgow. She says that she is not an overindulgent mother but did feel responsible for re-packing Charlie's bag and forgetting to replace the game and his pencil case.

Ironically, Charlie Dukes and his thirty-nine classmates were bound for the isolated island of Iona. The reason for the trip was to learn about life without any modern comforts or communications devices.

From Nottingham in the United Kingdom, I'm Jeramy Boot, G4NJH, reporting for the Amateur Radio Newsline.

To which we must ask the rhetorical question would a ham radio mom do the same if her child went off on a trip and left his or her H-T behind? (Published news reports)

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Choctaw Amateur Radio Club (CARC) Regular Monthly Meeting was held on January 21, 2002. At the Eastern Oklahoma County Vo-Tech. A quorum was met and business conducted as follows.

The Choctaw Amateur Radio Club meeting was called to order by President Chuck Kanach KC5EZZ, at 7PM. Followed by the Pledge of Allegiance. Secretary recorded members as they arrived so no roll call was taken. There were 18 present, 4 check-ins and one guest, Richard May, brought by Don KB5KWV.

Net control for the meeting was Bill Tarkington KC5ICR

Secretary's Report- The minutes for November were approved as read in the C&E. There were no minutes for the December gathering.

Treasurer's Report was given and accepted

YL Net- The YL Net was terminated. The YL Net had been on the air for 6 years, minus one week.

Web Site- Work in progress.

CORA- Don N5ENQ and Bill KC5ICR briefed us on the CORA meeting. Tower-still on hold.

VE Testing- The testing session was held

with 2 new Tech's, 1 new General and one grandfathered General. Bill N9SQV thanked all who helped.

Fox Hunt- on hold till spring.

Presidents Comments- President Chuck KC5EZZ welcomed all who came to the meeting, and thanked them for keeping him as President. He presented the new officers, Bill Tarkington KC5ICR, as Vice President and Larry Brewer K5VVD as Treasurer. Kay Holzman KB5VJR stayed as Secretary. He reminded those present that the tech meeting will be on the 7th of February at the Vo-Tech at 7 PM.

#### Old Business:

Swap Meet-February 23rd OKDXA will be having a program of the latest ARRL info on DX and Contesting, with Coy Day at the Swap Meet. Several members volunteered to advertise the Swap Meet on different nets. The members decided to just have coffee and no donuts at the Swap meet. A motion was made to raise the table fee to \$4.00. Motion defeated.

#### New Business:

1. A motion was made to send a mail out to previous members reminding them that dues are due. During the discussion, Don N5ENQ, said he would call first, then the mailing can be sent after the February meeting. The motion passed.

2. In regards to the C&E raising their rates, a motion was made to discontinue the autopatch. After much discussion the motion passed. The phone patch will stay on until a Radio Remote controller is located and hopefully it will be on before the next meeting.

3. Motion was made to table the discussion of raising the club dues.

4. February Coffee will be on the 16th, 9 AM at Roosters Café in Jones.

5. CORA meeting representatives will be Chuck KC5EZZ, Bill KC5ICR, Larry K5VVD and Don N5ENQ.

6. OKC Marathon needs APRS operators, Chuck KC5EZZ will send out more information as he gets it.

7. ARES is conducting training on Thursday nights at 8 PM on the .82 repeater.

8. Motion was made to get our own domain name. Motion carried

9. OKDXA Jim N5TT mentioned about the Elmer list, and the Okla. QSO Party will be March 22<sup>nd</sup>, HF bands 6 meters and up.

Meeting adjourned 8:50 PM

Respectfully submitted,  
Kay Holzman, KB5VJR  
CARC Secretary

### CARC Swap Meet February 23, 2002

The next swap meet for the CARC will be February 23, 2002 at 8:30 AM at the Midwest City Community Center, located at the intersection of Reno and Midwest Blvd.

OKDXA will be having a program of the latest ARRL info on DX and Contesting, with Coy Day at the Swap Meet. Time for that program will be around 9 AM.

If you need more info on tables, etc. Please call Chuck KC5EZZ- 390-2231 or Kay KB5VJR 3913398. If you get lost, someone will be listening on the Choctaw Repeater 147.09 + that morning.

Y'all come!!!!  
Thanks!

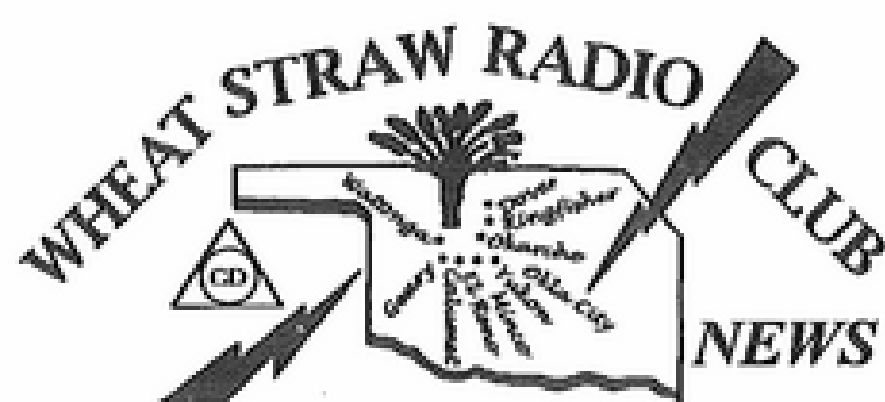
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### Wheat Straw News

The January meeting was in the Gold Bank in El Reno, OK. The thirteenth 2002. Refreshments were served to seventeen members and visitors. We had two visitors, Mr. and Mrs. Jerry L. Lindsley of El Reno. Jerry is the service officer for the American Legion Post 34 in El Reno. Jerry would like to get a ham radio license and join the Wheat Straw Radio club. They are friends of the Lonkerds.

The president and vice president were absent; Leo, WZ5H served as president. After everyone had refreshments, which were in abundance, and good as always. The meeting was called to order introductions were given by each.

The first item on the agenda was remarks about our beloved Alice WA5UEW. She was not just a wife and a mother she was also a lady. She never got mad or talked about anyone in a negative way that I ever knew of. She checked into several nets regularly and made friends with every one she met. May her SOUL REST IN PEACE THROUGH ALL ETERNITY.

There were a few discussions about what to do or to handle the C&E problem. I did not want it to go belly up so to speak and be no more. Wanda KC5GTW said, "Mary KC5UNW went to a Cora meeting as a representative of the Wheat Straw radio club. Linda NILPN is going to continue as editor of the C&E at the price of \$1.00 per issue, which will be \$12.00 per year. Monday Linda left a message on my answering machine, I called her back. Linda NILPN told me the same thing. I then got busy trying to get out the next issue. At the January meeting to raise the price to \$12.00 per year if the other associate clubs would go for it.

Leo WZ5H is starting a technician, net code class Monday January 21. He is to have five students from Cordell two from Cherokee, and one from Watonga. The class is being held in the Christian Church

of Canton. When you go in the west door start south across the hall to your left is a sliding wall, open and go in. There will be one class per week. When the classes are over the test will be given in the same room. Good luck to all students.

The February 10<sup>th</sup> meeting will be in Canton City Hall. When you go into Canton there is a stop light in the center of town, go west about one and a half block west. Do not go past the mini stop. Turn north on the east side of the mini stop about two block; north there will be a good size building there with a sign says City Hall. Park in the parking lot on south side of building, walk to the east end of building to front door. You are there.

The net controls will be Leo WZ5H or RAY AB5Z, Olive N51XN, and Ralph WA5PFB will be on standby

### CHRISTMAS VACATION 2001

We went to San Angelo, Sonora and Ozona Texas for a starter. I will tell you about our stop over in Ozona, Texas. We were on our way from Sonora to Midland, Texas.

As we were getting up close to Ozona, John said, "When I was working down in this country I ate up here at a place called the Hitching Post." He said, "It don't look fancy on the outside, but it sure is a good place to eat." We stopped and went in. A man was in the dinning area, He said, "Debi, you need to get out here some folks are coming in. The lady came out to greet us, we were seated at a table eight of us and there was room for more at the same table.

The lady brought out menu's with fifty-seven different dinners for us to choose from. I looked them over closely being a diabetic I had to watch what I ate.

When she got our set up done, she ask if we were ready to order or if we needed a little more time? We took a little more time. I decided I should eat a small chicken fried steak. When she got to me, she asked what I wanted to drink. I said just water, and I will have the small chicken fried steak. And ma'am, do not bring me any salad, I am a diabetic. She asked how do you want your potato, baked or french fried. I said baked please.

When she brought my dinner out all that was on the plate was a baked potato and the small chicken fry. The small chicken fry was so large that it had to be folded to be on the plate with the potato. I thought my GOD what if I had ordered the large one. When I got the small one eaten I was miserable.

One of our group decided he would have a Ribeye Steak weighing a pound or more. Served with a baked potato, hot roll, a drink, and stir fried fresh vegetables. The steak was cut there fresh in the kitchen. The steak only cost \$17.98 plus taxes. We had to sit and wait on him, but he did not eat a bite of any thing but the steak. When he ate the steak his eyes were rolling around, and he was so miserable. He finally got the words out I made it.

I looked over the menu and saw a British Burger, an Englishman decided to add crisp bacon, two kinds of cheese, fried onions, mayo and special sauce to a hamburger. Other than becoming Americans, it was one of their best ideas. \$6.48.

In large black letters HOW DO YOU LIKE YOUR STEAKS? Rare-red cool center, Medium Rare- red warm center, Medium - pink hot center, Medium Well-no pink, cooked though out. Well Done-charred outside, dry inside.

The Hitching Post Steakhouse is old west Texas History. E. H. Chandler built the structure, in 1989. The Chandler family under took the project of converting the sheep barn into a restaurant and club. Debi and Pat Hamilton purchased the business in 1992 and have strived to serve the finest cuts of beef available.

Debi did not get excited when a group came in. She did not seem to rush, she kept going just making each step count. By herself she served us faster than we get served at home with two or three waitresses, a cashier a dish washer, and I have no idea how many cooks. When we were there Debi was doing every thing plus washing the dishes, Debi's motto is try us and you'll never forget Ozona or the Hitchin' Post Steakhouse. Good food and plenty of it. Ralph, Wa5PFB

### SOME ONION LAWS

A wife has the legal right in Wolf Point Montana, to force her spouse to eat raw onions if she finds him drinking.

Grants Pass, Oregon has a special ordinance making it legal to throw onions at obnoxious salesman if they don't stop knocking on the door or ringing the doorbell. Lexington, Kentucky people can be arrested for carrying raw onions in their pockets. The town fathers of Bourbon Mississippi require that all restaurants serve one small onion with each glass of water. Taken from the Farmers Almanac Gardener's companion. Ralph W5PFFK

### CAN YOU REALLY KEEP THAT POINSETTIA GOING?

Yes, with care, here's how. We love poinsettias for their stunning red, pink, white and even yellow leaves, or bracts. (The flowers are actually those greenish or yellowish nubs in the center of the starbursts.) These warm weather plants, native to Mexico and Central America, and botanically called *Euphorbia pulcherrima*; they owe their common name to Joel Roberts a Congressman from South Carolina and the first U.S. Ambassador to Mexico. In the 1820's enchanted with the colorful flowers, he brought plants back to his Charleston greenhouse. By 1830, they were commercially available and you know the rest.

Poinsettias love sunny locations and temperatures between 65 degrees and 72 degrees Fahrenheit. Keep the soil evenly moist and protect the plant from chills, drafts, radiators, and hot air registers; also be sure the bracts don't press against a frosty window. Don't put them on a TV either; They don't like it there. If a plant you've just received drops its bracts after a few days after coming into your house, it's probably suffering from a light level that's too dry.

If it feels at home in your house, a poinsettia can last for one or two months. After the holiday season, when the colorful bracts start to fall, you have one of two choices: Toss the plant into your compost pile, as most sensible people would tell you to do, or coddle it into another round of bloom.

To keep it going, move it to a less prominent location, where the temperature is above 55 degrees

Fahrenheit. Keep the soil barely moist. When all danger of frost has passed, sink the pot up to its rim in soil outdoors, preferably where it will receive morning sun. Cut off the top of the plant to promote branching.

Keep it outdoors, not letting it dry out, until about September 1. Then bring it back indoors, place it in full sunlight, and keep it evenly moist. Don't fret if it drops some of the foliage it grew over the summer. It's simply trying to adjust to coming indoors.

To try to make it flower for Christmas, give it the closet treatment, starting on October 1: Place it in a cool, dark place for at least 12 hours each night, making sure no light hit it. (Keep the dark hours consistent, say between 5:00 p.m. and 8:00 a.m.) In late November move back into the sunlight. It might reward you with colorful blooms in time for the holidays.

Ralph W5PFFK

### AMATEUR RADIO NEWSLINE(tm)

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

### HAM RADIO IN SPACE: AMSAT PROPOSES MICROSAT LEO IN SPACE

Imagine getting up in the morning, picking up your dual-band H-T and calling a friend half way around the world by ham radio satellite. It's a pipe dream right now but in a few short years it could be a reality if AMSAT North America has its way. Amateur Radio Newsline's Roy Neal has the details on a satellite proposal that could become everyone's easy to access bird:

Just imagine a space based multi channel repeater, flying in orbit.

Hams on earth could access it easily, then talk back and forth on dedicated channels in the 2 meter and 70 centimeter bands. This could eliminate the need for most of our earth bound relay stations.

From my home in high point North Carolina, I could talk to our editor, Bill Pasternak, when he's stuck in traffic in Los Angeles' Sepulveda pass. Whenever the bird is flying over this part of the world we could have instant, clear communication,

going up on one channel and coming back on another.

It's a gleam in the eye of the Amsat North America board of directors at the moment but was approved by them recently and when Amsat tackles such projects, it has a remarkable record of making things happen. As proposed, Amsat says the Microsat would be powered using high efficiency solar cells. In addition to the repeater, it also will carry one or more experimental modes of transmission: modes not yet determined.

The big question is how long it will take to get this proposed Satellite designed, built and launched. But this proposal illustrates the technical adventures that highlight the possible future of ham radio. (for the AMATEUR RADIO NEWSLINE, this is Roy Neal, K6DUE.)

AMSAT North America says that more details on this exciting new satellite project will be announced in the next few weeks. (AMSAT-NA)

### ADA HAM FEST:

The Ada Amateur Radio Club Ham Fest / Swap Meet will be held Saturday, February 09, 2002, at the AGRI-PLEX (in the small animal building), 1 mile from Ada Municipal Airport. VE Testing will be held at 10:00 am, Admission: \$2 / Tables: \$5. There will be tables available for arts and crafts if any one is interested in a table. Doors open to exhibitors for set up Friday, February 08, from 7:00 p.m. - 9:30 p.m. and Saturday morning February 09, at 6:00 am / Doors open to the public Saturday at 8:00 am. Dealers attending RAD COM, CLEAR SIGNAL PRODUCTS, RADIO SHACK. For more information or to reserve a table contact: Charles Etier, KC5TGA, (580) 436-4425 or Danny Coffey, KM5LB, (580) 759-2670. Everyone is welcome to attend and to eat at the close by FAMOUS BOB'S BARBEQUE.



**Altus Area Amateur Radio Association**  
Mail: AAARA, PO Box 8863, Altus, OK  
73522-8863

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

Hello fellow Ham Radio Operators!

Well, another year has come and gone, Christmas seems like it happened a million years ago (unless you're still paying the bills), club elections are over and we're off to another year of fun with Ham radio. Since I mentioned club elections, let me congratulate the new/old slate of officers for the year 2002. Ron Hughes was elected to the office of Sergeant at Arms, Lillian Town retains the position of Editor, Debra Grimes retains the Secretary position, "Big Ron" Roman is now our Vice President and I, Dale Town, now an ardent supporter of term limits, was elected to a third term as President. Kudos to all these fine people.

We have a big year ahead. I hope to get the club involved in the Altus Car Show again this year. We had a really good time last year even though we made a mistake in our assumption that car parking would bring some revenue into the club's coffers. Ron Hughes has already decided to chair the Field Day event and is making plans for that even as I right this literary masterpiece. We're going to have a few Mobile Command Center fix-up days for those that are interested. We'll use the time to perform routine maintenance as well as install new equipment and practice using it. We've talked about installing another APRS digipeater a little closer to the Altus area. This should improve its usefulness and its fun factor by several orders of magnitude. There are many other things that we can be doing during the year. If there is something that you're particularly interested in and think others might be too, let us know so that we can put it on the club agenda for discussion at

a meeting.

Lets make a special effort this year to remember our friends in Lawton. The Lawton/Ft. Sill Amateur Radio Club is filled up with good people and they have a lot to offer. We've worked with them and they with us on several events and we've had a blast doing it. They can always use help in the several bike races that they get involved in each year and they are always willing to help us with any of our communication needs. Take some time this year and take a road trip to Lawton and visit these fine folks.

Don't forget ARES. We meet every forth Thursday at the North Main Fire Station. We'll be discussing ways to support the community with our expertise in communications. We're getting trained by the Red Cross to support them, state wide, should the need arise and we're rapidly becoming the model in Oklahoma for our special support of this organization. We'll continue to offer our services to the City of Altus and may expand into other communication support needs if our resources allow. Come join us. You don't have to be a club member, only a licensed Ham Radio operator.

Help, help!!! We have a real need for people to get upgraded to General Class so that we can use you and your HF radio at the State and National level. As good at communicating on the Tactical level (VHF/UHF) as we are we can quickly become isolated in a communications emergency. It's important for us to check into State and National HF nets and to become proficient in the procedures involved in handling message traffic on these bands. Please consider taking a Morse Code class or using one of the many tapes or computer programs to learn the code to only 5 words per minute. It takes only a minimal amount of self discipline and a relatively short period of time to learn the code to this level and it will open up whole new worlds to you. Please, these are valuable skills that we can't afford to ignore. Ham radio needs you and all the skills you're capable of developing.

Well, that's enough for now. I wish a good month for each of you and I'll see you at the next meeting.

Dale Town  
President, AAARA

\*\*\*\*\*

## ARRL West Gulf Hamfests

11 events listed

\* = ARRL Convention  
\*\* = ARRL Convention pending  
Executive Committee approval  
+ = ARRL Hamfest  
x = non-ARRL Hamfest

Dates, Type, Event, Contact, and Location

### Ada, OK

Feb 2002, x Ada ARC  
<http://www.adacomp.net/~jewell/>  
Contact: Charles Etier, KC5TGA  
Phone: 580-436-4425  
Div: West Gulf  
Sect: Oklahoma

### Smithville, TX

16 Feb 2002 + Bastrop County ARC  
<http://www.qsl.net/kb5yae/>  
Contact: Juan Vinton, KB5YAE  
504 Pea Jay CV  
Bastrop, TX 78602  
Phone: 512-303-4743  
Email: kb5yae@qsl.net  
Div: West Gulf  
Sect: South Texas

### Elk City, OK

2 Mar 2002 + West Central Oklahoma  
ARC  
Contact: Earl Bottom, N5NEB  
Rt. 1, Box 62 A  
Hammon, OK 73650  
Phone: 580-821-0633  
Email: n5neb@logixonline.net  
Div: West Gulf  
Sect: Oklahoma

### Claremore, OK

15-16 Mar 2002 \* Oklahoma Section  
Convention  
Green Country Hamfest Committee  
<http://www.greencountryhamfest.org>  
Contact: David Jackson, KE4OPA  
PO Box 470132  
Tulsa, OK 74147-0132  
Phone: 918-622-2277  
Email: nfo@greencountryhamfest.org  
Div: West Gulf  
Sect: Oklahoma



**Midland, TX**

16-17 Mar 2002 \* West Texas Section Convention  
Midland ARC  
<http://www.w5qgg.org>  
Contact: Joe Coldewey, KK5ZG  
4510 Fairbanks Drive  
Midland, TX 79707  
Phone: 915-697-7846  
Email: [kk5zg@caprok.net](mailto:kk5zg@caprok.net)  
Div: West Gulf  
Sect: West Texas

**Weatherford, TX**

23 Mar 2002 + ARC of Parker County  
Contact: Jerry Thompson, K5JWT  
302 East 6th Street  
Weatherford, TX 76086-1706  
Phone: 817-594-8091 or 817-597-6789 (Mobile)  
Email: [k5jwt@arrl.net](mailto:k5jwt@arrl.net)  
Div: West Gulf  
Sect: North Texas

**Brenham, TX**

30 Mar 2002 + Brenham ARC  
<http://www.alpha1.net/~barc>  
Contact: Dan Lakenmacher, N5UNU  
10312 Highway 36 North  
Brenham, TX 77833  
Phone: 979-836-8739  
Email: [briang@comwerx.net](mailto:briang@comwerx.net)  
Div: West Gulf  
Sect: South Texas

**Abilene, TX**

4-5 May 2002 x Key City ARC  
Contact: Peggy Richard, KA4UPA  
1442 Lakeside Drive  
Abilene, TX 79602  
Phone: 915-672-8889  
Email: [ka4upa@arrl.net](mailto:ka4upa@arrl.net)  
Div: West Gulf  
Sect: West Texas

**Arlington, TX**

7-8 Jun 2002 \*\* West Gulf Division Convention  
Ham-Com  
<http://www.hamcom.org>  
Contact: Maury Guzik, W5BGP  
PO Box 12774  
Dallas, TX 75225-0774  
Phone: 214-361-7574  
Email: [chairman@hamcom.org](mailto:chairman@hamcom.org)  
Div: West Gulf  
Sect: North Texas

**Sherman/Denison, TX**

20 Jul 2002 x North Texas Hamfest  
Grayson County ARC  
<http://home1.gte.net/wb5dcu/nortex00.htm>  
1  
Contact: Gene Hodge, K5DPS  
211 North Brinkley Street  
Sherman, TX 75092  
Phone: 903-893-6082  
Email: [kc5aft@gte.net](mailto:kc5aft@gte.net)  
Div: West Gulf  
Sect: North Texas

**Greenville, TX**

3 Aug 2002 x Hunt County Hamfest  
Sabine Valley ARA & Raytheon RC  
<http://www.qsl.net/svara>  
Contact: Jenell Robertson, KD5DXW  
1091 Huntington Court  
Greenville, TX 75401  
Phone: 214-213-5920  
Email: [kd5dxw@arrl.net](mailto:kd5dxw@arrl.net)  
Div: West Gulf  
Sect: North Texas

73's Ron Roman, KD5CYW

(AAARA)  
P.O. Box 8863  
Altus, OK 73522-8863  
Tuesday Night Round Table Net held at  
8:00pm(CST) on 146.790(-) 100.0 PL tone

<http://www.qsl.net/aaara>

<http://www.arrl.org>

<http://www.eham.net>

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AMATEUR RADIO NEWSLINE(tm) The following is late news about Amateur Radio for Radio Amateurs as prepared from Amateur Radio Newsline™

**NETS ON THE AIR: THE BLUEGRASS PICKERS NET**

If you are a ham that enjoys Bluegrass music -- or who plays it, listen up. K3GA reports over the Internet that a new Bluegrass Pickers High Frequency net is now in the planning stages. If you are interested in joining such a group contact K3GA by e-mail to [scruggsbanjo@aol.com](mailto:scruggsbanjo@aol.com) (Internet post)

**THE RADIO MARKETPLACE: CQ VHF RETURNS**

Hams asked for it. Hams lobbied for it. And now hams who live their Amateur

Radio in the world above 50 MHz are getting their wish. This with the announcement that CQ VHF magazine will resume publication as a quarterly publication this spring.

CQ VHF was created six years ago to meet the needs of VHF and UHF amateurs and was an outstanding editorial success. However, weak advertising and poor news stand sales market made it economically unlivable by the end of 1999.

The new CQ VHF is designed with these marketplace realities in mind and will rely primarily on subscription revenues to meet expenses. Rich Moseson, W2VU is the current editor of CQ Magazine and the former editor of CQ VHF:

Moseson: "We have not gone to a hamfest where we have not heard from several people saying '...I'm still mad that dropped CQ VHF. I still miss CQ VHF. Isn't there any way to bring back CQ VHF?'"

The numbers have not dropped off as the two years have gone by. So, we started looking several months ago at ways that we could bring it back and make it work economically. And we think we have got it."

Longtime CQ magazine "VHF-Plus" Editor Joe Lynch, N6CL, has been selected as Editor of the new CQ VHF quarterly. The magazine will be available by subscription for \$25.00 a year in the United States. It will also be available over the counter at select ham dealers nationwide. The first issue is due out in May. (CQ Magazine)

**THE RADIO MARKETPLACE: WACOM SELLS TO TX RX**

Repeater owners and other users of cavity resonators listen up. In case you have not heard, TX RX Systems has purchased Wacom. According to word over the VHF Reflector, the current factory is to be shuttered and manufacturing of the Wacom products be transferred to the TX RX facility. TX RX has promised to continue the Wacom line. (VHF Reflector)

# CENTRAL OKLAHOMA RADIO AMATEURS, INCORPORATED

## CONSTITUTION/BYLAWS

As Accepted February 23, 1996

**ARTICLE 1 - NAME:** The name of this organization shall be Central Oklahoma Radio Amateurs, Incorporated, a non-profit organization, hereafter referred to as CORA.

**ARTICLE 2 - PURPOSE:** The purpose of CORA is to promote and coordinate group activities of the several amateur radio societies in central Oklahoma. These activities include, but are not limited to, a statewide meeting of Amateur Radio operators to be held annually in, or around, the Oklahoma City metropolitan area; better use of communication skills in support of, but not limited to, the American Red Cross, Salvation Army, Civil Defense, The American Radio Relay League (ARRL); publish a monthly journal, titled "Collector & Emitter", presenting activities and events concerning the hobby of amateur radio in, and around, the State of Oklahoma.

**ARTICLE 3 - MEMBERSHIP:** Membership in CORA shall be as follows:

a. **SUPPORTING** - Each of the several constituted Amateur Radio societies in the State of Oklahoma, endorsing the purposes stated in Article 2 above, and providing financial, or other support, to this organization may become a Supporting Member of CORA. By associating with CORA, a Supporting Member club agrees to comply with all CORA policies and procedures.

b. **ASSOCIATE** - By virtue of an individual's membership in a Supporting Member club of CORA, that individual shall be recognized as an Associate Member of CORA.

1. An established amateur radio club within the State of Oklahoma may apply, in writing, for Supporting Membership in CORA. The application will be accepted, or rejected, by a simple majority vote at a regular meeting of the CORA Board of Directors.

2. A Supporting Member club may withdraw its membership in CORA by submitting a "Letter Of Resignation" signed by two of the club's elected officers. A vote of the CORA Board of Directors will not be required.

3. A Supporting Member club may be expelled from CORA for: failing to actively support CORA objectives and programs; failing to maintain financial support; demonstrating a continued disregard for requirements and bylaws of the CORA constitution; or any other activity deemed inappropriate to the objectives of CORA, as determined by the CORA Board of Directors.

c. **DIRECTORS OF CORA** - A CORA Board of Directors shall be established as follows:

1. Each Supporting Member of CORA shall, in a manner of their own choosing, identify three of their members to serve as Directors on the CORA Board of Directors for a term of one year beginning in September of each year. Supporting Member clubs shall forward to the CORA secretary, in writing, the names of their Director representatives. Each Director shall have one vote.

2. The immediate past President of CORA shall serve as an advisory member of the CORA Board of Directors for a period of one year and shall have one vote.
3. The Managing Editor and Circulation Manager of "Collector & Emitter" shall be appointed by the President with the advise and consent of the CORA Board Of Directors; the appointed individual/s will be full Directors of CORA for the term served in the stated capacity. The Managing Editor and Circulation Manager shall each have one vote. If an individual serves in both capacities, that person shall have only one vote. The Managing Editor and/or Circulation Manager may be removed by a simple majority vote of the CORA Board Of Directors at a regular meeting.
4. In matters concerning "Collector & Emitter" compliance with U.S. Postal Service regulations, the Managing Editor and/or Circulation Manager are the only individuals authorized to routinely represent CORA before U.S. Postal authorities.
5. A Supporting Member club whose Director is elected President of CORA may choose a replacement Director in accordance with Article 3.C. I above.

**ARTICLE 4 - OFFICERS AND THEIR DUTIES:** The elected Officers of CORA shall be President, Vice President, Secretary and Treasurer.

At the annual September meeting, the Directors of CORA shall nominate and elect the above officers to serve for a period of one year. Nominees for the above offices must be a member of The CORA Board of Directors, hold a valid Amateur Radio License and have reached the age of eighteen (18) years of age or older prior to assuming office. Officers shall be elected by the majority vote and hold office beginning on 1 October for a period of one year. There is no restriction on the re-election of any individual to an office they have held in the previous year so long as they remain a Director of CORA.

**Duties Of Officers:**

- a. The duties of the President shall be: call and preside at all meetings and represent the organization in all matters to external organizations; appoint all individuals and committees as necessary in the administration of the organization's business; call special or emergency meetings of the CORA Board of Directors.
- b. The duties of the Vice President shall be: assume the duties of the President when the President is unable or unwilling to fulfill the duties of office; exercise all authority of the President when acting in the Presidential capacity; assist the President in conducting all activities of the organization.
- c. The duties of the Secretary shall be: keep a written record of the Minutes of each meeting of CORA; prepare and transmit any and all correspondence as directed by the President or CORA Board of Directors; and maintain a historical archive of CORA records.
- d. The duties of the Treasurer shall be: receive and disburse all funds entrusted to CORA; keep accurate records of all funds received by CORA regardless of purpose; disburse funds as directed by the CORA Board of Directors; give an accounting of the receipt and disposition of all funds at each meeting of the organization; and coordinate with the editor and circulation manager of the "Collector & Emitter" as to the status of obligations of Support Members.

### Vacancy Of Office/Removal

- a. If the office of Vice President, Secretary, or Treasurer becomes vacant, the President, with the advise and consent of the CORA Board of Directors, may appoint an individual to serve out the remaining term of the office in question.
- b. If the office of President becomes vacant, the Vice President will automatically assume the office of President. A replacement Vice President may be appointed at the discretion of the President in concert with the CORA Board of Directors.
- c. An officer may be removed from office for cause by a two-thirds (2/3) vote of the duly appointed members of the CORA Board Of Directors.
- d. Any officer or appointee leaving their elected/appointed position, regardless of reason, shall surrender to the successor, all records, accounts, documents, and materials relevant to the office in question. The aforementioned materials will be surrendered by the first meeting following the successor's election/appointment. The departing officer may make copies of any, or all, of the material in question for their personal records; copying will be done at the departing officer's expense.

### ARTICLE 5 - FINANCIAL MATTERS:

- a. CORA will receive financial support from each Supporting Amateur Radio society. Funds for a specific activity shall be requested by the President from financial Supporting societies upon the approval of the Director membership.
- b. Upon completion of a specific project or activity by CORA, the financial Supporting societies will be repaid their financial support if possible. Any liability for loss shall not exceed the amount allocated for that activity.
- c. A complete accounting of the financial matters of any CORA activity or project will be made available to the financial Supporting Members when funds are returned. This same report shall be published in the "Collector & Emitter" the issue after the subject report has been presented to the CORA Board of Directors.
- d. The fiscal year shall be January 1 to December 31.
- e. Supporting Member clubs shall be assessed an annual subscription fee for each of their primary club members to receive the "Collector & Emitter". Collection of these fees shall be reported to the CORA treasurer in accordance with U.S. Postal Service, Internal Revenue Service, and Oklahoma Tax Commission regulations; Supporting Member clubs should craft their constitution and bylaws to accommodate these regulations. Supporting member clubs shall make it clear to members a "Collector & Emitter" subscription is part of their membership and is not optional. Persons who are members of several Supporting Member clubs will receive only one copy of "Collector & Emitter". Supporting Members who become in arrears of more than sixty days (60) for "Collector & Emitter" billings will be suspended from receiving the publication until financial obligations are resolved.
- f. Persons who are not Associate Members of CORA may subscribe to "Collector & Emitter". The subscription rate will be established by the CORA Board of Directors. Complimentary subscriptions may be granted by a simple majority vote of the CORA Board of Directors.

g. In the event of dissolution of CORA, all close-out expenses, payment of outstanding obligations and distribution of excess moneys shall be made to another 501(c)6 or another organization with an IRS tax exempt status; in no event shall distribution be made to individuals except that CORA has valid indebtedness to the individual.

**ARTICLE 6 - EXPENDITURE OF FUNDS:** The President shall be authorized to expend up to an amount of \$150.00 in any thirty (30) day period. The President will make good faith efforts to obtain consent from at least two other officers before making such expenditures. The President shall report such expenditures at the next regular meeting and request assent by the CORA Board of Directors. Expenditures above \$150.00 require a simple majority vote of CORA'S Officers and CORA Board of Directors in attendance at a regular meeting. Persons expending authorized funds shall present appropriate receipts and bills to the CORA Treasurer to authenticate the actual expenditure of funds.

**ARTICLE 7 - VOTING:** All matters brought before the CORA Board of Directors shall be decided by a majority vote of the Director members present at any regular meeting.

**ARTICLE 8 - MEETINGS:** A regular monthly meeting of CORA shall be held to conduct routine business. The date, time, and location shall be determined by the CORA President. Special meetings of CORA may be called by the President as maybe necessary to conduct activities to achieve the several objectives stated in Article 2 above. Advance notice of meetings including time, date and location shall be given all Director Members in a manner deemed the most expeditious by the President. The President may exercise Executive Privilege to restrict the agenda of the meeting to special or critical topics. All CORA meetings will be conducted in accordance with the current edition of "Robert's Rules Of Order".

**ARTICLE 9 - CHANGE OF CONSTITUTION:** This constitution may be amended by a majority vote of the CORA Board of Directors present at any regular meeting provided they have received thirty (30) days advance notice of the proposed changes. Proposed changes shall be published in the "Collector & Emitter" thirty (30) days prior to the meeting where the changes shall be considered.

## THE ADA AMATEUR RADIO CLUB NEWS

ADA AMATEUR RADIO CLUB  
NEWS

These last couple of months has been a special time of the year as we celebrate all the blessings our creator has given us. This year, the celebration takes on added significance as a result of the recent terrorist attacks in New York City and Washington, D.C. as well as the ongoing biological threats facing our nation. These events remind us that our time on this earth with our loved ones, our freedom and the many other blessings we enjoy should never be taken for granted. All these things are gifts from God. While we cannot choose or control many circumstances in our life, we can choose how we respond to those circumstances. Regardless of what is happening around us, each of us has things for which we can be thankful. Thanksgiving should be more than a holiday we celebrate once a year. It should be a way of life. I would like to wish everyone a Happy New Year.

The Ada Amateur Radio Club held the first monthly meeting of the 2002 year on the 5th day of January, at the Salvation Army Building, 115 North Oak Street, Ada, OK. The meeting was called to order at 0915 local time by club President Charles, KC5TGA, with attendance of 13 members. One visitor, we are glad to have Joe Baker, KC5OD, attend the meeting we hope that he can attend another meeting very soon. We would like to welcome Wendell Adair, KC5UFO, as a member of the club once again, we are glad to have him back. Wendell, KC5UFO, is working in Oklahoma City, and living at Yukon, OK. he comes down on his days off and spends the day helping the area amateur radio operators with their antennas and visiting. I don't think Wendell, KC5UFO, is missing those long cross country trips in his truck.

**TREASURER REPORT:** Scott, KD5AJL, presented the treasurer report for the month of December, the report was accepted as presented by the members present.

**CLUB DUES:** A reminder that it is time to pay club dues for the 2002 term. \$20 per member or per family, children under 18 living at home included; A 70-year old life member (honoree) will only pay for the newsletter. If you would like to mail your dues they can be mailed to the Ada Amateur Radio Club at P.O. BOX 1181, Ada, OK. 74821-1181. Thank you.

**REPEATER REPORT:** As of November 12' 2001, Mason /WT5X, and Sam /N5IY, has the new repeater 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 them available at the meeting, or let me know and I can mail you a copy.

**NEWSLETTER:** The newsletter will be published in the ADA EVENING NEWSPAPER under club events each month, the last newsletter came out in the Wednesday, December 26th paper. I can not give you a date when this will come out in the paper each month the newspaper has to work it in to a slot in the paper. We are glad to have Linda Miller, N1LPN, back as Editor of the Collector & Emitter, we all missed not getting the Collector & Emitter, a lot of the time people don't appreciate getting something 'til its not there any more. THANKS! Linda, N1LPN, for taking on the newsletter once more.

**HAM FEST:** The Ada Amateur Radio Club Ham Fest / Swap Meet will be held Saturday, February 09'2002, at the AGRI-PLEX (in the small animal building), 1 mile from Ada Municipal Airport. VE Testing will be held at 10:00 am, Admission: \$2 / Tables: \$5. There will be tables available for arts and crafts if any one is interested in a table. Doors open to exhibitors for set up Friday, February 08, from 7:00 p.m. - 9:30 p.m. and Saturday morning February 09, at 6:00 am / Doors open to the public Saturday at 8:00 am. Dealers attending RAD COM, CLEAR SIGNAL PRODUCTS, RADIO SHACK. For more information or to reserve a table

contact: Charles Etier, KC5TGA, (580) 436-4425 or Danny Coffey, KM5LB, (580) 759-2670. Everyone is welcome to attend and to eat at the close by FAMOUS BOB'S BARBEQUE.

**NET: The Ada Amateur Radio Club Net:** Meets every Tuesday night at 8pm local time on frequency 147.285+. Everyone is encouraged to check in on the net and let everyone know that your station is up and operational in case of an emergency situation. In an emergency a lot of the times phone lines are down and amateur radio contact is the only way of relaying messages, lets not forget how important amateur radio is along with how much we enjoy just getting on the air and talking with everyone. We hope to be hearing you on the net.

**Oklahoma City Salvation Army Division ARES Net:** Meets on the 2nd Saturday of the month at 8:00 am local time on frequency 3.941MHz. The VHF Net meets on the same Saturday at 8:00 am local time on frequency 146.820-. Alt frequency 147.210+.2 meter FM.

**Oklahoma Phone Emergency Net:** Meets every Sunday at 8:00 am local time on frequency 3.900MHz. (State ARES Net).

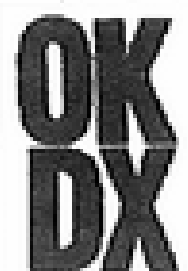
**ARES Training Net:** Meets every Sunday afternoon at 4:30 p.m. local time on frequency 3.900 MHz.

**Lawton Salvation Army Communications Net:** Meets every Thursday night at 8:00 p.m. local time on frequency 147.390+.

Meeting adjourned at 1010 am local time. The next meeting date will be February 02'2002, everyone is invited to attend we will be making our final plans for our Ham Fest, hope everyone can make it by the hamfest we will look forward to seeing everyone there.

Happy Valentines Day!

Darla Coffey, KC5RGU  
Ada Amateur Radio Club Secretary



Just  
for the  
Fun of It!

## Oklahoma DX Association

February, 2002

### From Da'Prez

By JIM HOOD, K5TT

It's a rare moment when one of our own OKDXA members goes well beyond the established limits of Contest performance to set a new record, and we're pleased to announce one this month:

OKDXA member Dave Horn, W5AO from Okmulgee traveled to North Caicos Island for the CQWW CW DX Contest last Thanksgiving to operate as VP5V. He entered under the Single Operator / High Power 15 Meter band class and the scores for this class are shown below. His score is a new North America record. You will notice the substantial margin between W5AO and the nearest competitor, and all we can say is: "Congratulations, Dave!" We knew you were good for the long haul, but had no idea exactly how good...

**CQWW CW 2001 DX SO/SB 15 Meters**  
(Call - Pwr - Q's - Z's - C's - Score - Club)

VP5V(W5AO) HP 3603 35 111 1,338,236  
OKLAHOMA DX ASSOCIATION

9A5W HP 2483 40 145 1,016,020  
CROATIAN CONTEST CLUB

ZF1A (W5ASP) HP 3010 32 97 913,965

SP3GEM HP 2069 40 144 866,088  
SP DX CLUB

HI3K LP 2284 35 118 865,521  
FLORIDA CONTEST GROUP

YZ1AU HP 2191 39 136 790,125  
GRABOVAC CC

LU1FAM LP 1870 33 102 753,136

LY7Z (LY2TA) HP 1839 38 126 657,640  
LITHUANIAN DX GROUP

6Y9A (KE7X) QRP 2166 28 93 637,670

T94MZ LP 1950 33 110 537,680

And, speaking of VP5, rumor has it that our other DX'cellent Dave, W5ATV will be operating as VP5/W5ATV from North

Caicos Island, April 22nd thru the 29th. He plans to use 7.260, 14.260, 21.360, and 28.360 as his home frequencies. OKDXA (and TARC) members are reminded that willful interference is a violation of FCC Part 97 rules, even if it is General Dave. For those of you unfamiliar with travel to exotic island locations, it is SOP to include a few grains of beach sand under the stamp for all outgoing mail.

While some of us can't afford a visit to VP5, you can test your Contesting skills on the weekend of March 22-24 with the Oklahoma QSO Party. It should be a blast and EVERYONE is invited to smoke their finals trying for the top score. The rules can be found at the OKDXA Web Site ([www.qsl.net/okdxa](http://www.qsl.net/okdxa)) along with plug-in files for popular contesting software. This will be the first Oklahoma QSO Party in nearly 20 years and it won't be a complete success without YOU. There are entry classes for both HF and VHF Ops, so no matter where your antenna farm resonates (or the class of your license) you can participate! Let's make some noise and let the rest of the world know we're here...

### — ELMERS NEEDED —

We have all had one or more Elmers in our Ham Radio Career and there is no way we can repay those special people directly for what they gave to us. What they provided is priceless, and the only way to repay the debt is by "passing it on" and providing the same support to someone else. You can do this by becoming an Elmer.

The Oklahoma DX Association is offering a new service to the general population of Oklahoma, as well as the Ham Radio community, by providing a means to get Elmers connected with individuals who need help with their first license, upgrade, or getting on the air. Clif, N5UW has volunteered to be an Elmer Coordinator for the State. He will compile and maintain a list of volunteers available to provide Elmering to anyone needing a little help. This list will be posted on the OKDXA Web Site so that anyone can access it anytime and it will include a list of VE exam sites and times. We hope this will become a valuable resource to those wishing to promote the hobby.

At this time, we are looking for Hams who will volunteer to help someone in their local area. By volunteering, you are not making an open commitment to help

anyone at anytime; only you will decide how often you are available to help. Also, you can specify what type of help you can provide. Basic Theory, basic CW, high speed CW, antennas, and operating skills are areas that come to mind. Maybe you could just provide a station where Ham radio can be demonstrated. Whatever level you choose, it will certainly be more than what's available now and is a positive way of promoting the hobby. Think of the gift you can give to someone. You may start a young person on a fabulous electronics career or open the door to thousands of hours of on-the-air companionship for a physically impaired person. You may even make a new friend for the rest of your life. This is one hobby that definitely improves whenever a new license is granted.

Please consider sending your call sign, name and phone number to Clif at [n5uw@arrl.net](mailto:n5uw@arrl.net), or mail it to Clif Sikes, Rt. 2, Box 120, Earlsboro, OK 74840. For those of you already involved in Ham classes and testing, let us know about your session dates & times!

Please pass this announcement along to all your friends and place it in club bulletins or on bulletin boards. —K5TT

### Secretary / Treasurer's Report

By JERRY CHOUINARD, K5YAA

### From Da'Editor

By NELSON DERKS, AC5UP

If you haven't marked your calendar for the Green Country HamFest coming up on the weekend of March 15th & 16th, now is the time! Green Country is Oklahoma's largest HamFest and full info can be found at [www.greencountryhamfest.org](http://www.greencountryhamfest.org). The new Expo Center in Claremore near Highway 20 and US 66 should be an easy spot for out-of-town OM's to find... It's just down the hill from Rogers State University at 400 Veterans Parkway. Talk-In is on 147.090 and 444.350 (no PL tone) in Claremore, or from Tulsa on the TARC Super System 145.110 and 443.850 MHz with a PL of 88.5 Hz on both. Everyone is invited to attend the OKDXA meeting on Saturday morning. If you've been thinking about joining the Association, this is your opportunity to do so. The OKDXA will also have a couple of extra display tables at the Swapmeet for members with a few odds & ends for sale, just avoid bringing anything too heavy for N5UW to carry off.



Congratulations are in order this month for our VP of Administration, Jim, **N5PMP** for his recent upgrade to Extra. We have no idea if he plans to change call signs, but your humble editor has discovered that **KØTEX** is not currently issued. The next time you see Jim, be sure to ask him why it is that at the feed point of a resonant half wave dipole where current is at maximum and voltage is near zero, we don't measure zero Watts. After all, if  $P = I \times E$  and  $E$  is crossing zero, why wouldn't power also be at zero? I'm sure Jim has a good answer...

In other news... Our most geographically-challenged member, Mark, **KD5DLL** may have been a little fuzzy on exactly where the Maritime Provinces of Canada are located, but that didn't stop his transceiver from making a Q with **KC4AAA** at the geographic South Pole on December 17th. The "Heathen" sub-group of the TARC is rapidly becoming the South Pole Club and we're always ready to welcome a new one. Like the days of old when a horse pulling a dairy wagon often knew the route better than the driver, some of us still rely on the hardware to get us there. Congrats, Mr. **KD5DLL** for looging another rare one!

We should also congratulate the **W5OK** crew, which included **KB5HMZ**, **N5PMP** and **KD5DLL** (among others) for a fine effort in the ARRL January VHF Sweeps. Anyone paying attention couldn't help but notice they were definitely on-the-air.

Meanwhile, here at Open Fuse Acres, your humble & loquacious Newsletter Editor is having Tons O' Fun with the occasional Six Meter openings we continue to hear. Weekend mornings tend to be productive and Ten has offered some tremendous DX opportunities. If you haven't surfed over to <http://www.benlo.com/dxmon.html> for a free download of a nifty little Windows program called "DX Monitor", you really should. DX Spots, Great Circle maps, Beam Headings and more. I'm hearing much more DX (now that I know where to listen) and my time spent with the rig is far more productive. I've also gotten into the habit of working a little 10 Meter AM on weekend afternoons, and it's a kick to hear all the nifty-drifty vintage iron above 29 MHz that's still up to the challenge. I keep threatening to work up the old DX-100 and R-390 combo sitting at the far end of the console, and some day... —**AC5UP**

## OPDX Bulletin - Internet Edition

The Ohio/Penn DX PacketCluster

Editor Tedd Mirgliotta, **KB8NW**

Provided by **BARF-80 BBS Cleveland, OH**

### 3C5, EQUATORIAL GUINEA

Mirek, **SP1NY** was heard recently as **3C5/SP1NY** from Bioco Island (AF-010). The length of his activity is unknown, but he is active mainly on CW, 30 / 12 / 10 Meters. QSL via his home call sign.

### 5R, MADAGASCAR

Bruno, **F5DKO** will be active March 4-16th from some Madagascar islands. He expects to be active during the first week of his trip from Madagascar's Coastal Islands West Group (AF-057) and the second week from Madagascar's Coastal Islands East Group (AF-090). QSL via **IZ8CCW**: Antonio Cannataro, P.O. Box 360, 87100 Cosenza, Italy.

### A5, BHUTAN

Ray, **G3NOM** continues to be active as **A52OM**. He was heard recently on 80 and 40 Meters CW as well as on 15, 17 and 20 Meters. Reports claim he is there with his **XYL**, **E21UHL** on an invitation from the Department of Telecommunications in Bhutan. During February they will prepare 20 local Hams for their Amateur Radio license exams. QSL via **G3NOM**.

### C5, THE GAMBIA

Jan, **PA9JJ** announces that he will go on a little DX'pedition to The Gambia. He will be there from April 15-29th and will be staying in the Senagambia Hotel in Kololi. Jan will be asking for the call sign **C56JJ** upon his arrival in Banjul, but he is not 100% sure if he will get this. He plans to operate on 80 & 40 Meters plus the WARC bands, mainly SSB with some CW. Jan is actually on holiday, so no 24 hour activity. Logs will be available after his return at: <http://www.qsl.net/pa9jj>. QSL via **PA9JJ**. Please include a greenstamp if QSL'ing direct.

### CARIBBEAN ACTIVITY

Listen for **J68GS** from March 21st thru April 2nd on SSB & CW, 80-10 Meters. Operation will include the CQ WPX SSB Contest with **J6DX**. QSL via **K16T**, either direct or bureau.

### CE9/LZØ,

### SOUTH SHETLAND ISLANDS

Ricardo, **CE9R** has been active from Julio Escudero Base on King George Island. Listen for him on a net around 1700z on

21275 kHz. QSL via **CE3HDI**: P.O. Box 15, International Airport, Santiago, Chile.

**LZØA** has been pleasing many on 80 / 40 / 30 / 20 / 15 Meters. Some activity has been on CW and SSB. Watch around 3793 kHz between 0130 and 0530z. He also showed up on a net on 21275 kHz around 1815z. QSL via **LZ1KDP**.

### DU9, PHILIPPINES (160m Activity)

Jon, **NØNM** is now active as **DU9/NØNM** from Davao City, Mindanao, Philippines and reports that he has installed an inverted L for 160 Meters. He is currently running 100 just watts with his Icom-756, but hopes to get an amp soon. He is listening during his sunrise and sunset; his sunrise is about 2130-2200z. He was heard recently on 40 Meters (7008 kHz) around 1315z. QSL via **W4DR**.

### EP, IRAN

There has been a lot of activity from **EP3PTT** lately. Stig, **LA7JO** has been given permission to operate and is the first foreigner to obtain an official operating license since 1979. He is allowed to use the club station of the PTT (with the call sign **EP3PTT**) and has been active on 40 / 20 / 15 / 12 / 10 Meters. QSL via **LA7JO**. NOTE: It has been mentioned that you can QSL Stig direct to: UNICEF Iran, Stig Lindblom, No. 30 East Farzan St., Naji St., Dastgerdi Ave., Tehran 19187, Islamic Republic of Iran. Please avoiding writing any call sign(s) on the envelope and DO NOT send IRC's.

### FS, ST. MARTIN

Listen for Ron, **ND5S** and Sue, **KF5LG** to be active as **FS/ND5S** and **PJ7/KF5LG** between February 11-22nd. They will be staying on the Dutch side of the island but will venture to the French side of the island during their stay. Activity will be on 160-10 Meters, CW and RTTY primarily with some SSB. QSL via home call, direct or bureau. Visit: <http://www.qsl.net/nd5s>

### H4Ø, TEMOTU PROVINCE

From March 28th through April 12th, Nick, **VK1AA** will be organizing a DX'pedition to Temotu Province. The team will be active in the CQ WPX Contest as a Multi / Single and will be active on all Amateur bands from 160-6 Meters, all modes. The team consists of **VK1AA**, **YT6A** and probably **YT6T**. Visit: <http://www.qsl.net/vk1aa/temotu> for more info. Questions and requests can be

sent to VK1AA at: watchman@tig.com.au. QSL's are via VK1AA.

#### **J7, DOMINICA**

Listen for Lars, SMØCCM to be active as J73CCM between February 2nd and March 4th. His activity will be mainly CW (with some PSK31) running 100 watts on a vertical. QSL via SMØCCM.

#### **KH0, MARIANA ISLANDS**

Nobuyuki "Nob", JM1LRQ will be active as KH0/JM1LRQ from Saipan Island (OC-086), February 14-18th. Activity will be on 160-6 Meters CW/SSB. He will also participate in the ARRL International DX CW Contest as Single Operator/All Band entry. Nob will concentrate on SSB and the WARC bands outside of the contest. QSL via the bureau or direct as follows: Nobuyuki Arai, 5-6-1-1002 Kitayamata, Tsuzuki, Yokohama, 224-0021, Japan.

#### **KH1, BAKER & HOWLAND ISLAND**

Dr. Hrane Milosevic, YT1AD has received landing permission from the United States Fish and Wildlife Service (USFWS) to activate Baker Island at the end of April. The international list of operators include: YT1AD, YU1AU, YZ7AA, RZ3AA, Z32AU, Z31FU, Z32ZM, K1LZ, K6NDV, N6TQS, KW4DA, AH6HY, K3NA and possibly YU7AV, G3UML, YU1NR, YUIDX and W2YC. Part of the team of operators will leave/depart on April 23rd from Port Denarau-Nadi, Fiji for a 6 day trip of 1,100 miles (one way) to KH1 on the "Princess II". Five of the operators will leave Fiji by plane to Funufuti, Tuvalu (T2), to operate for 3 days before the "Princess II" arrives and picks them up for KH1. The team expects to arrive on KH1 by April 29-30th and plan to be on the air by April 30th. Activity will last until May 10th with just enough time to return to Fiji before heading to LA and on to the Dayton HamVention. Their call sign will not be announced until after they land. Activity will be on 160-2 Meters with operations on CW / SSB / FM / PSK / RTTY / SSTV and Satellite (144/28 MHz). Pilots are VE3EXY and YU1AA, Web masters are 4N1NM and 4N1FG. Total cost for this trip is about 80,000 USD, not including the plane tickets. Donations are welcome. Please contact Will, K6NDV via E-mail at: k6ndv@contesting.com if you can offer any financial support. QSL all CW / RTTY / PSK / SSTV QSO's via YT1AD. QSL all SSB QSO's via RZ3AA.

#### **KH2, GUAM**

Hide, JH8KYU plans to be active as K8YU/KH2 from February 8-11th. The main purpose of his stay is to operate in the CQ/RJ WPX RTTY Contest. His entry will be Single Operator / All Band and the frequencies used will be on all HF bands. He states that he may also operate on CW and SSB in spite of his short stay because Single Ops are limited to operate within 30 hours only in this contest. QSL via JH8KYU, either direct to his mailing address in Tokyo or through the JARL bureau. Do not send any cards to K8YU's CBA or the bureaus of W8 or KH2.

#### **KH4, MIDWAY ISLAND**

Tom, DL2RUM reports they have a new confirmed date for activity from Midway as KH4/DL7VFR and KH4/DL2RUM, March 3-16th. They will have two stations active on 160-6 Meters, CW/SSB/RTTY.

#### **OY & TF,**

#### **FAROE ISLANDS AND ICELAND**

Tom, DL2RTK and Ric, DL2VFR will be heading north to OY and TF as follows: May 20-22nd - They will sign as OY/homecall from Streymoy Island (EU-018) in the Faroe Islands. Activity will include activation of a coastal lighthouse (details later). May 23-24th - They will sign TF7/homecall from Vestmannaeyjar Island (EU-071) from Iceland. May 25-30th - They will sign TF1/homecall from Iceland (main island) (EU-021). Activity will possibly include an entry in the CQ WPX CW Contest, and activation of a Lighthouse between May 27-30th for one or two days from Grimsey Island (EU-168) plus activation of WLH LH-0140 as TF5/homecall. They will work CW and SSB on 160-6 Meters. RTTY and PSK activity will depend on actual demand. Other operators might join the team for some days (to be announced later).

#### **P5, NORTH KOREA**

According to the KK6DO Web site, dated January 19th, Ed, P5/4L4LN is back from vacation. He should be back on the air in several weeks (maybe sooner) and plans to build a Butternut Vertical. However, due to the severe cold weather, it might take a while before the antenna is installed. Operations should be on 15m phone. A Bencher Keyer is going to be tested along with Ed's keying ability. When he is comfortable, CW operation will begin and the band will be announced. Watch the

Web site at <http://amsatnet.com/> for his operating schedule with W5ATV.

#### **P5, NORTH KOREA (Update)**

Ed, P5/4L4LN is back on the air and testing his new Butternut Vertical. Reports from W5ATV indicate that Ed is being heard better and that he is now operating on 15 Meters. Listen for him to show up on 21225 kHz (his primary frequency) after 2300z working stations by call areas. Continue to watch 28580 kHz as he may show up there as well.

#### **PJ2, NETHERLAND ANTILLES**

Larry, K6RO and Ron, W6UL will be on Curacao, February 27th through March 5th, for the ARRL SSB contest. Larry will be a Single Op/All Band/High Power entry using the call PJ2K. Ron will be using the call sign PJ2/W6UL before and after the contest. They will be using CW and SSB before and after the contest concentrating on the WARC bands and 160m. They will be operating from the CCC "Signal Point" station. QSL via KU9C.

#### **PJ7, ST. MAARTEN**

Ron, ND5S and Sue, KF5LG will be active from Dutch St. Maarten Island as PJ7/ND5S and PJ7/KF5LG, February 11-22nd. Activity will be on 160-10 Meters, CW and RTTY (primary) with some SSB. Ron will be active in the ARRL CW DX Contest SOABLP. Ron states that over 8,000 per-contest contacts have been made from here in past years. QSL via their home call signs direct or bureau. Ron's web page is at: <http://www.qsl.net/nd5s>

#### **PW0T, TRINDADE ISLAND**

Excerpts from two press releases by Atilano, PY5EG report: "The Araucaria DX Group, with cooperation from Inepar S.A company and its Chairman Oms, PY5EG, the Brazilian authorities and Navy, is proud to announce that it will sponsor a major DX'pedition to Trindade and the Martin Vaz Archipelago, the most eastward point of Brazilian territory. This will be the first lengthy DX'pedition in several years to this rare DXCC entity. Trindade and Martin Vaz Archipelago appear in the Top 30 on the DXCC "Most Wanted" lists. The team expects to be on the air by the late hours of February 18th for a sked with N5UW, and will operate non-stop with as many as four stations on the air until March 2nd using the special call sign PW0T. Operation on 160 thru 6 Meters (including the WARC bands) will

feature RTTY, PSK31, and SSTV. Amateur satellite activity is uncertain at this time. The QSL Manager will be Steve, KU9C. Dennis, K7BV will head up the Publicity and Fund Raising with assistance from Bill, W9VA and Steve, KU9C. Your monetary support can be sent to K7BV, Dennis Motschenbacher, 4357 Appollonio Way, Carson City, NV 89704 or included with your QSL-SASE to KU9C. The web site is at: <http://www.trindade2002.com/> and be sure to visit the Araucaria DX Group site: <http://araucaria.inepar.com.br/>

### **SOUTH PACIFIC DX'PEDITION**

Michel, F6COW and Dominique, F6EPY plan to be active from Samoa and Vanuatu during the months of February and March. Their operation will be mostly CW with emphasis on Europe and the low bands (80/40m), WARC bands (30/17/12m) and the digital modes (RTTY, PSK31, MPSK, MP63) to provide 5W and YJ to as many EU Hams as possible. Their suggested operating frequencies and schedules are:

**CW** - 3515, 7015, 10115, 14015, 18095, 21015, 24905, 28015 and 50085

**DIGI** - 7035, 10145, 14085, 21085 and 28085

**SSB** - 3780, 7075, 14215, 18135, 21215, 24985, 28465 and 50125 kHz

**February 19-28th** - Listen for **5W0MP** (Michel, F6COW) and **5W0DA** (Dominique, F6EPY) from Upolu, Samoa (OC-097).

**March 4-15th** - Listen for **YJ0AOW** (Michel, F6COW) and **YJ0APY** (Dominique, F6EPY) from Vanuatu (Efate and Espirito Santo) [OC-035]. The site is: <http://perso.wanadoo.fr/dominique.auprince/> QSL direct via home calls of Michel Perrin, F6COW or Dominique Auprince, F6EPY (CBA) or via the French bureau.

### **T30, WESTERN KIRIBATI**

It has been reported that due to airplane problems, Eric, T30ES is currently off the air and back in Tarawa. A new battery has been purchased and is being shipped to Butaritari Island. He plans to return by January 28th. His current schedule is Saturdays at 1900z and Thursdays from 2330z around 14288 kHz. (Note the time change from his previous schedule)

### **V3, BELIZE**

Andy, VE7AHA/VA7CW reports that he will be active as V31HA from February 2-16th near the town of Hopkins on the mainland (no IOTA), and also near V31JP whom he hopes to visit. He states, "We

will be there for radio, snorkeling, fishing and beer, but not always in that order." QSL via VE7AHA.

### **VK9, MELLISH OPS NEEDED**

Nick, VK1AA reports the VK9M team is looking for one CW and one CW and Low Band operator to join their DX'pedition scheduled for April 10-25th. If you are interested contact Nick at: [vk1aa@qsl.net](mailto:vk1aa@qsl.net)

### **XW, LAOS**

Mauro, IN3QBR plans to be active as **XW3QBR** through July 31st in Vientiane. Also, Fabrizio, IN3ZNR is expected to active as **XW3ZNR** from April 20th through May 10th in Vientiane. No details were provided for bands or modes.

### **YA, AFGHANISTAN**

Nick, G4KUX is active as **G4KUX/YA** and usually heard on 20 Meters. Reports indicate that he is working there setting up an international communications network. As of this posting, the ARRL has NOT received any documentation from Nick, so WFWL. He is expected to be here for a while. Watch 14198 kHz after 0330z.

According to the YA5T Web site, Peter, **ON6TT** should be in Pakistan by the time you read this and should be in and out of Afghanistan over the next two months. Robert, **S53R** is expected to be in Afghanistan around January 31st for two months. Mats, **SM7PKK** is in A6 for a couple of weeks. He might be going to Afghanistan after one or two months. Mark, **ON4WW** is in Pakistan and should be flying to Afghanistan by January 31st for at least a couple of weeks.

**PLEASE NOTE:** All YA5T activity after December 2nd, 2001 until now was bogus. Again, it should be noted that all operators are there for their work with the UN World Food Program. Their activity might be limited, the equipment they use is QRP, and their humanitarian work has priority. Meanwhile, Nick, **G4KUX/YA** continues to be active on 20 and 10 Meters SSB. Check around 14194 kHz after 0300z and around 28487 kHz after 0630z.

There are no new updates on Peter and the boys, but a new station, **YA0USA** was heard operating on 17 Meters CW/SSB. Watch 18068 and 18120 kHz after 1330z. Also, watch 14210 kHz around 1700. The operator is Karl, K4YT who is working at the U.S. Embassy in Kabul. He states to

QSL via K4YT. A report from "The Daily DX" over the past weekend states Karl has been there "for about a week and has just obtained a club license from the Minister of Communications for the American Embassy in Kabul." Reportedly, only Embassy U.S. government officials can operate with the license **YA0USA**, and there are several of them now stationed there. Karl will be here until the end of the month and will be active in his spare time. "The Daily DX" states Karl is using a TS-50 with an 80 Meter dipole and tuner.

### **Miscellaneous News**

#### **DAYTON HAMVENTION DX DINNER**

The Southwest Ohio DX Association is pleased to announce the Seventeenth Annual DX Dinner to be held on Friday, May 17th, 2002 at the Crowne Plaza Hotel in Dayton, Ohio. There will be a cash bar at 6:30 PM and dinner at 7:15 PM. Tickets are \$33.00 and must be purchased in advance. Groups wishing to sit together must order as a group. A table seats eight. Please make your check or money order payable to SWODXA, and send an SASE for ticket return. Seats will be assigned in the order that requests are received and will be assigned on 16 March 2002. Seating is limited. Please order tickets from Steve Bolia, **N8BJQ**, 7354 Thackery Rd, Springfield, OH 45502. For more information regarding the dinner, visit: <http://members.aol.com/SteveB4622/> or contact Steve Bolia, **N8BJQ**, at (937) 788-2803 or via: [n8bjq@erinet.com](mailto:n8bjq@erinet.com)

#### **DXCC NEWS**

Bill Moore, NC1L and ARRL DXCC Manager, reports the following operations were on hold for DXCC credit pending receipt of documentation. Documentation has been received and they are now OK for DXCC credit: **CAMBODIA** (2001): **XU7ABZ**, **XU7ABW**, **XU7ABY**, and **XU7ACA**. **GUINEA** (2001): **3XY6A** and **3XY8A**. If you had these rejected in an application, you can contact DXCC for an update via [dxcc@arrl.org](mailto:dxcc@arrl.org) or just include it with your next submission.

#### **IRC OR USD?**

Wolff, **DJ5JH** wants to remind everyone that the use of a "greenstamp" instead of an IRC because the buck is often cheaper than one IRC, is not true in all countries. There are many countries like Germany where one US Dollar no longer covers an airmail letter overseas. The choice is not

one IRC or one USD, but two USD. The IRC is often the better choice. Wolf states he often receives direct QSL's with only 1 USD because many are not aware that airmail postage from Germany is 0.51 EURO within Europe, but 1.53 EURO's (at present equal to 1.37 USD) to locations overseas. Also, in some countries holding US dollars is forbidden... Another reason why it is often better to use IRC's.

David, PAØDVM reports that in The Netherlands, a discussion of IRC's vs "Green Stamps" no longer makes sense. The Dutch Post Office just informed him that from January 1, 2002 on, they stopped selling IRC's completely. So, for amateurs in The Netherlands, the use of green stamps is the only possibility other than trying to collect IRC's from other countries. David added that airmail rates from Holland to outside Europe is 0.75 EURO. Well below one USD and quite different from the situation in Germany.

#### PIRATE ALERT

Laurent, F8BBL reports that someone has been using his call sign for the last two months on CW, SSB, RTTY and also on the DX PacketClusters putting out bogus spots for YA, P5, VP8 and LU1 stations. He states that he has written to the French REF Union Intruders Commission, has notified the French Regular Telecommunication Authority (ART) and the French National Frequencies Authority.

#### SPECIAL EVENT

Listen for the Brazilian special event call ZX2F to be heard through February 12th during a Ham radio public demonstration. The operators will be running a fully equipped station on all bands and modes to introduce Brazilians to the radio hobbies. WARC bands will get special attention and a color QSL card will be available via PY2AE (qrz.com) after the event.

#### INT'L DX CONVENTION WEB SITE

The 2002 International DX Convention is on-line at: <http://www.qsl.net/visalia2002>. 2002 will mark the 53rd year for this DX convention held in Visalia, CA and the Southern California DX Club is sponsoring the event this year.

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## ARRL CONTEST CALENDAR

*Reprinted with permission from  
QST Contest Calendar — K5TR, Editor*

### WEEKEND OF FEBRUARY 9-10

#### NORTH AMERICAN SPRINT, CW

0000Z-0400Z, February 10th. Frequencies 3.540, 7.040, and 14.040 MHz. Logs to [cwsprint@ncjweb.com](mailto:cwsprint@ncjweb.com) or Boring ARC, 15125 Bartell Rd, Boring, OR 97009.

#### OLYMPICS QSO PARTY

##### UTAH QSO PARTY, CW/PHONE

Sponsored by the Utah DX Club, 0000Z Feb 9 until 0000Z Feb 11. Frequencies--all HF bands, CW--1.805 MHz and 40 kHz from band edge (CW QSO's in CW sub-band, except 160 Meters), Phone--1.850 3.850 7.230 14.250 21.300 28.450 MHz, 6 and 2 Meters. Categories are SOAB, MSAB and Mobile, 24-hr time limit for SO. Exchange RST, serial number and UT County or SPC. Work stations once per band / mode, work mobile stations again as they change counties. Mobile on county line counts 1 QSO but multiple counties. QSO Points: Phone-1 pt, CW-2 pts. Score: QSO points × UT counties (max 29) or States + VE sections. For more information, [www.vcr.com/uqp](http://www.vcr.com/uqp). Logs must be sent via email to [uqp@vcr.com](mailto:uqp@vcr.com).

#### RSGB 1.8 MHZ CONTEST, CW

Sponsored by RSGB 2100Z Feb 9-0100Z Feb 10 (see Feb 23-24 for RSGB info).

#### ASIA-PACIFIC SPRINT, CW

Sponsored by the AP Sprint Contest Committee, 1100-1300Z Feb 9th. Frequencies: 20 and 40 Meters, NA stations work Asia-Pacific countries only. SO category only, 150 W max power. Exchange RST and serial number. Score is total QSO's × WPX prefixes (counted once). Visit [jsfc.org/apsprint/aprule.txt](http://jsfc.org/apsprint/aprule.txt) for more. Logs must be emailed (no paper logs, sorry) within 7 days following the contest to [apsprint@kkn.net](mailto:apsprint@kkn.net).

#### FISTS CW WINTER SPRINT, CW

Sponsored by the FISTS International CW Club, 1700Z until 2100Z Feb 9th. Frequencies: 80-10 Meters, work US/VE stations once per band. Categories—SOAB-QRP (<5 W), SOAB-QRO and Club. Exchange name, RST, state / province / DXCC country; members send FISTS number, nonmembers send power output. QSO Points: FISTS members -- 5 pts, nonmembers -- 2 pts. Score is QSO points × SPC (count each only once). For

more information, <http://www.fists.org/>. Send *paper logs only* within 30 days to Alan M. Tanner, W8FAX, 1525 Trebein Rd, Fairborn, OH 45324.

#### CLASSIC EXCHANGE, CW/PHONE

2000Z Feb 9th to 0500Z Feb 10th. Frequencies: CW: 3.545 (3.695), 7.045 (7.120), 14.045, 21.135, 28.180 MHz; Phone: 3.880, 7.290, 14.280, 21.380, 28.320 MHz. Exchange name, RST, SPC and radio model. Work stations on each band and mode or with different radios. Score is QSO's × total of different rcvrs, xmtrs, or xcvr + SPC from each band and mode × total age of all equipment used for 3 QSO's or more (count xcvr age × 2 and homebrew equipment counts as 25 years old, min) Send logs to Allan Stephens, N5AIT, 106 Bobolink Dr, Richmond, KY 40475 or [al.stephens@eku.edu](mailto:al.stephens@eku.edu).

#### QRP ARCI Winter Fireside SSB Sprint

Sponsored by the QRP ARCI, 2000-2400Z Feb 10. Frequencies--3865, 7285, 14285, 21385, 28385 kHz. (See Dec *QST*, p 98, for QRP ARCI information)

### WEEKEND OF FEBRUARY 8-11

#### Winter 6-Meter Contest, CW/Phone

Sponsored by the Six Club, 2300Z Feb 8-0300Z Feb 11. Exchange RST and grid square. QSO Points: 1 pt in same country, DX (incl. KL7 and KH6)--2 pts. Score is QSO points × grid squares. For more information-- [6mt.com/contest.htm](http://6mt.com/contest.htm). Logs must be emailed or postmarked by Mar 15 to [ka0nno@arkansas.net](mailto:ka0nno@arkansas.net) or Sixclub, PO Box 307, Hatfield, AR 71945.

### WEEK OF FEBRUARY 11-16

#### ARRL SCHOOL CLUB ROUNDUP

See Jan *QST*, p 115.

### WEEKEND OF FEBRUARY 16-17

#### ARRL International DX Contest, CW

See Dec 2001 *QST*, p 113.

#### YL International QSO Party, CW

Sponsored by YL International SSB System, 0000Z Feb 16 through 2400Z Feb 17, two 6-hr off times required. Frequencies--160 through 10-Meters, no repeaters. Categories: CW, SSB, or mixed mode, SOAB, YL/OM Team, DX/US Team. Exchange: Call sign, RST, State, County, YLISSB member number [if applicable]. QSO Points-- YLISSB members on own continent--2 pts, on other cont.--6 pts; DX members--3 pts, non-members--2 pts. QSO party points may *not*

be made on the YL net frequency of 14.332 MHz. Score is QSO Points  $\times$  SPC + Teams. For more information visit <http://www.qsl.net/yl-issb/>. Logs must be emailed or postmarked by Apr 30 to 2hamsrus@home.com or to N4KNF / N4ZGH, 2160 Ivy St, Port Charlotte, FL 33952.

#### WEEKEND OF FEBRUARY 23-25

**CQ WW 160-meter SSB Contest**  
(see Jan QST, p 107).

**REF French Contest, Phone**  
(see Jan QST, p 107).

**UBA Contest, CW**  
(see Jan QST, p 107).

**CQC Winter QSO Party, CW/Phone**  
Sponsored by the Colorado QRP Club, 2200Z Feb 24 to 0359Z Feb 25. Frequencies: CW-1825, 3560, 3710, 7040, 7110, 14060, 21060, 21110, 28060, 28110 kHz, SSB-1910, 3985, 7285, 14285, 21385, 28385 kHz. Categories are SOAB, SOSB, SO-Homebrew, no time limit. Exchange RST, SPC, name, CQC member number or power output (5W max). QSO Points: CW--CQC member--6 pts, non-member--4 pts, phone--members--3 pts, non-members--2 pts, work each station once per band and mode. Score is total of QSO Points  $\times$  SPC (count once per band) X names (one name from each letter of the alphabet) + 1000 pts for QSO with WØCQC. For more information visit <http://www.mtechnologies.com/cqc/>. Logs must be emailed or postmarked within 30 days to contest@cqc.org (ASCII text only) or Colorado QRP Club, Box 371883, Denver, CO 80237-1883.

**North Carolina QSO Party, CW/Phone**  
Sponsored by the Forsyth Amateur Radio Club, 1700Z Feb 24-0300Z Feb 25. Categories--SO, Mobile, Club, no time limit, all stations 100 W max output. NC stations work everyone; others work NC stations only. Frequencies: CW--3.540, 3.740, 7.040, 7.140, 14.040, 21.040, 21.140, 28.040, 28.140 MHz; Phone--3.860, 7.260, 14.260, 21.360, 28.360 MHz and any VHF/UHF. CW/SSB only; no FM, repeater or cross-band / mode QSO's. Work stations once per band and mode; mobiles may be worked again as they change counties. Exchange RST and NC county or SPC. QSO Points: phone--2 pts, CW--3 pts, NC mobile--3 pts (either mode). Score: NC stations-QSO points  $\times$  NC counties + SPC (only 1 DX

multiplier); others-QSO points  $\times$  NC counties (max 100). Add to score--50 bonus points for working Cherokee or Dare counties (150 for working both) and 50 points for working W4NC or K4EG (150 points for both). Mobiles add 100 bonus points for each NC county activated. For more information visit <http://www.w4nc.org/ncqsoparty.html>. Logs must be emailed or postmarked by April 1 to n4vhk@summitschool.com or NC QSO Party, c/o N4VHK, 934 Franklin St, Winston-Salem, NC 27101.

#### WIAW QUALIFYING RUNS

7 PM EST, Friday, February 2, and 4 PM EST Tuesday, February 20. The K6YR West Coast Qualifying Run will be at 9 PM PST on Wednesday, February 7 with 10-40 WPM runs. Check the WIAW schedule for details.

#### FEB / MAR CONTEST SUMMARY

(Courtesy Of Bruce Horn, WA7BNM)

##### 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 QSO Party                     | 1400Z, Feb 2  | 2359Z, Feb 2                  |
| FYBO Winter QRP Field Day               | 1400Z, Feb 2  | 0200Z, Feb 3                  |
| Delaware QSO Party                      | 1700Z, Feb 2  | 0500Z, Feb 3 and 1300Z, Feb 3 |
| Mexico RTTY International Contest       | 1800Z, Feb 2  | 2400Z, Feb 3                  |
| North American Sprint, Phone Six Club   | 0000Z, Feb 2  | 0400Z, Feb 3                  |
| 2nd Winter Contest                      | 2300Z, Feb 8  | 0300Z, Feb 11                 |
| CQ/RJ WW RTTY WPX Contest               | 0000Z, Feb 9  | 2400Z, Feb 10                 |
| Utah QSO Party                          | 0000Z, Feb 9  | 2400Z, Feb 10                 |
| Asia-Pacific Sprint, CW                 | 1100Z, Feb 9  | 1300Z, Feb 9                  |
| Dutch PACC Contest                      | 1200Z, Feb 9  | 1200Z, Feb 10                 |
| YL-OM Contest, CW                       | 1400Z, Feb 9  | 0200Z, Feb 11                 |
| FISTS Winter Sprint                     | 1700Z, Feb 9  | 2100Z, Feb 9                  |
| RSGB 1.8 MHz Contest, CW                | 2100Z, Feb 9  | 0100Z, Feb 10                 |
| North American Sprint, CW               | 0000Z, Feb 10 | 0400Z, Feb 10                 |
| QRP ARCI Winter Fireside SSB Sprint     | 2000Z, Feb 10 | 2400Z, Feb 10                 |

|                                   |               |                                 |
|-----------------------------------|---------------|---------------------------------|
| ARRL School Club Roundup          | 1300Z, Feb 11 | 0100Z, Feb 16                   |
| ARRL International DX Contest, CW | 0000Z, Feb 16 | 2400Z, Feb 17                   |
| YLISSB QSO Party, CW              | 0000Z, Feb 16 | 2400Z, Feb 17                   |
| YL-OM Contest, SSB                | 1400Z, Feb 16 | 0200Z, Feb 18                   |
| 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, Feb 24 | 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                   |

##### MARCH, 2002

|                                      |               |               |
|--------------------------------------|---------------|---------------|
| ARRL International DX Contest, Phone | 0000Z, Mar 2  | 2400Z, Mar 3  |
| SARL                                 | 1000Z, Mar 9  | 1000Z, Mar 10 |
| Field Day Contest                    | Mar 9         | Mar 10        |
| RSGB Commonwealth Contest, CW        | 1000Z, Mar 9  | 1000Z, Mar 10 |
| Great Lakes QSO Party                | 1700Z, Mar 9  | 0400Z, Mar 10 |
| North American Sprint, RTTY          | 0000Z, Mar 10 | 0400Z, Mar 10 |
| UBA Spring Contest, CW               | 0700Z, Mar 10 | 1100Z, Mar 10 |
| Wisconsin QSO Party                  | 1800Z, Mar 10 | 0100Z, Mar 11 |
| Alaska QSO Party                     | 0000Z, Mar 16 | 2400Z, Mar 17 |
| YLISSB QSO Party, SSB                | 0000Z, Mar 16 | 2400Z, Mar 17 |
| BARTG Spring RTTY Contest            | 0200Z, Mar 16 | 0200Z, Mar 18 |
| Russian DX Contest                   | 1200Z, Mar 16 | 1200Z, Mar 17 |
| Virginia QSO Party                   | 1800Z, Mar 16 | 0200Z, Mar 18 |
| Oklahoma QSO Party                   | 2300Z, Mar 22 | 2300Z, Mar 24 |
| Spring QRP Homebrewer Sprint         | 0000Z, Mar 25 | 0400Z, Mar 25 |
| CQ WW WPX Contest, SSB               | 0000Z, Mar 30 | 2400Z, Mar 31 |

#### Doctor DX

Working the Gray Line is a common technique among Hams looking for rare propagation opportunities, but did you know the combination of celestial Gray Line with an interference pattern was one method used to analyze Cosmic RF?

GORDON J. STANLEY, SK

From the New York Times, 1/21/2002  
By Kenneth Chang

Gordon J. Stanley, a pioneer in radio astronomy who discovered incredibly powerful sources of radio waves in outer space, died on Dec. 17 in Monterey, Calif. He was 80. Born in Cambridge, New Zealand, Mr. Stanley, an engineer by training, was among a group of scientists who adapted radar equipment left from World War II for observing radio signals from the skies.

Most astronomers presumed, correctly, that most radio noise was generated by hot clouds of gas floating in interstellar space, but they also detected puzzling bright spots. Because their antennas were small compared with the giant dishes of later radio telescopes, they could not identify exactly where the signals were coming from, as if the radio pictures were too blurry. From a former radar station on a

cliff overlooking Sydney, Mr. Stanley and his colleague John G. Bolton used a trick to home in on the bright spots that were producing the strong radio waves. Soon after one of the radio sources rose above the horizon, they pointed the antenna at it. The vast expanse of the Pacific to the east acted as a giant mirror, and some of the radio waves bounced off the water before traveling to the antenna. The two beams of radio waves — one coming directly from the sky, the other reflecting off the water — produced an interference pattern like the intersecting rings of raindrops hitting a pond. That allowed the scientists to better determine the size and position of the radio source.

To their surprise, the source was not diffuse like a gas cloud but small and compact like a star. The universe, it appeared, contained tremendously powerful radio transmitters. "It is difficult to comprehend the emotional impact of an

observation which took us from the partially explicable solar system and galactic radio emission phenomena, into the realms of phenomena with inexplicably high energy outputs," Mr. Stanley wrote in 1994, in a tribute to Mr. Bolton, who died in 1993. "Neither of us ever approached such an emotional high again in our work." Later research showed that two of the radio sources were actually distant galaxies, the radio waves generated by gas falling into giant black holes. Another radio source turned out to be the Crab Nebula, the remnants of an exploded star. In 1955, Mr. Stanley followed Mr. Bolton to the California Institute of Technology, where they built the Owens Valley Radio Observatory. Mr. Stanley was the observatory's director from 1961 to 1975.

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

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## A. R. R. L. Bulletins

From ARRL Headquarters  
Newington CT  
To all radio amateurs :

**ARRL Bulletin 6**  
January 18, 2002

### President Jim Haynie, W5JBP, re-elected

The ARRL Board of Directors has unanimously re-elected President Jim Haynie, W5JBP, to a new two-year term. Haynie said defining Amateur Radio's role in homeland security will top his list of initiatives for his second term.

"We have a great role we could play in homeland security," Haynie said. "The problem we have is getting Amateur Radio introduced to the proper agencies." He said federal agencies "need a big education on what Amateur Radio does."

Meeting in Fort Worth, Texas, January 18 and 19, the Board also elected former Southwestern Division Director Fried Heyn, WA6WZO, as Third Vice President. Heyn will replace incumbent Third VP (and former Roanoke Division Director) John Kanode, N4MM, who also was a candidate. All other ARRL officers were re-elected unanimously.

Former Southeastern Division Vice Director Evelyn Gauzens, W4WYR, was elected as an ARRL honorary vice president.

The Board was expected to review a wide range of FCC proceedings and regulatory issues. The list includes consideration of the possibility that the ARRL work toward getting a bill introduced in Congress on the issue of CC&Rs. "We're going to be talking about that at length and what strategy we're going to use as far as congressional support," Haynie said. The League has been unsuccessful in efforts to get the FCC to incorporate CCRs under its limited federal preemption policy known as PRB-1.

The Board also will hear a formal report from the Novice Spectrum Study Committee and consider action based on its recommendations. The committee last month advised eliminating the CW Novice/Technician Plus subbands, as such, and permitting Novice and Tech Plus (or Technicians with Element 1 credit) licensees to operate CW on General-class 80, 40, 15 and 10-meter CW allocations. The committee proposed refarming the current Novice/Tech Plus subbands, in part to allow expansion of phone allocations on 80, 40 and 15 meters.

Attending for the first time as a new director will be Southwestern Division Director Art Goddard, W6XD, who succeeded Heyn. Newcomers to the back bench at this session include incoming ARRL Southwestern Division Vice Director Tuck Miller, NZ6T, and Southeastern Division Vice Director Sandy Donahue, W4RU. All took office January 1.

**ARRL Bulletin 7**  
January 22, 2002

### Board Adopts Modified Novice Band Refarming Plan

The ARRL Board of Directors has adopted a modified proposal to reform the Novice bands, now that the FCC no longer issues Novice licenses. The Board met January 18-19 in Fort Worth, Texas.

The ARRL Novice Spectrum Study Committee had proposed allowing Novice and Tech Plus (or Technician with Element 1 credit) licensees to operate CW on General-class 80, 40, 15 and 10-meter CW segments at up to 200 W output. The panel recommended refarming the current Novice/Tech Plus CW subbands, in part to allow expansion of phone allocations on 80, 40 and 15 meters.

The Board approved a modified plan that would leave in place or slightly trim the amount of additional phone spectrum the committee had recommended for 75 and 15 meters. The amended plan would drop the US phone band to 3725 kHz on 75 meters but leave it at 21,200 kHz on 15 meters. The original plan called for dropping both by 25 kHz.

The 75-meter proposal would expand the phone band by 50 kHz for Generals over

the present allocation and by 25 kHz for Advanced and Extra licensees. On 15 meters, Generals would get another 25 kHz of phone spectrum, but phone privileges for Advanced and Extra class operators would stay the same.

The Novice Spectrum Study Committee's original recommendations for 40 and 10 meters were accepted. The ARRL plans to propose the modified refarming plan to the FCC later this year along with other regulatory requests.

The Board also deferred until its July meeting a decision on whether to cut "Section News" and contest "line scores" from QST and move them to the ARRL Web site as part of an effort to stem ARRL operating losses. Before deciding to relocate the QST content, the Board said, it wants members to be "aware of the reasons for the proposed relocation and the enhanced capabilities available on the Web site." The Board said it also wants to evaluate "variations and alternatives" to the proposal.

The Board did decide to eliminate the minutes of its own meetings--published as "Moved and Seconded"--from QST. Minutes already are posted on the ARRL Web site and will be made available via alternative means to members lacking Internet access.

The Board also voted to accept several changes to the field organization rules, as the Volunteer Resources Committee recommended. According to the new rules, "The Section Manager is accountable for carrying out the duties of the office in accordance with ARRL policies established by the Board of Directors and shall act in the best interests of Amateur Radio." Section managers will be proscribed from "committing, obligating, or binding the League" without review by the Field and Educational Services Manager and approval of the ARRL president.

Among other changes, the revised rules will prohibit a section manager removed from office for running in the next SM election following removal. Anyone removed by action of the Executive Committee would have to get that committee's consent to be eligible to run again. The Executive Committee also will have the power to cancel any field



organization appointment "whenever it appears to be in the best interest of the ARRL to do so."

The Board also modified the ARRL by laws to say that anyone removed from office by recall "shall not be eligible to be a candidate for director or vice director for three years following removal from office."

The Board further resolved to petition the FCC for reconsideration in ET Docket 98-156, by comments in ET Docket 01-278, and "by other necessary means" in order to elicit "a clear statement from FCC acknowledging the limit of its statutory jurisdiction to authorize the manufacture and sale of unlicensed Part 15 devices."

The Board resolved to extend the ARRL's "most sincere condolences to the families and friends of the radio amateurs who lost their lives on September 11, 2001." The Board also commended and honored amateurs "who generously volunteered their time and expertise during the rescue and recovery efforts on September 11 and thereafter."

The Board holds its next meeting in July in Windsor, Connecticut.

**AMATEUR RADIO NEWSLINE(tm)**  
The following is late news about Amateur Radio for Radio Amateurs as prepared from Amateur Radio Newsline™

### **ENFORCEMENT: MEGA FINE ISSUED TO ALLEGED TEXAS BOOTLEGGERS**

Operating without a license and harassing licensed radio amateurs is going to cost a Texas man a lot of money. This, as the FCC tells David Edwin Merrell that it's time to pay up. Riley Hollingsworth, K4ZDH, is

the FCC's Special Council for Amateur Radio Enforcement:

Hollingsworth: "The Enforcement Bureau released a \$10,000 forfeiture to David Edwin Merrell of Wichita Falls Texas for unlicensed, unidentified operation related to malicious interference to the 3.905 MHz Century Club Net that meets on 40 meters. That was released December 26th."

Back on September 10th, 2001, the Commission's Dallas, Texas, Office issued a Notice of Apparent Liability for

Forfeiture in the amount of \$10,000 to Merrell. Merrell did not respond. Based on the information before the FCC the agency affirmed the fine. Merrill was given the customary 30 days to pay. (FCC)

### **ENFORCEMENT: BIG FINE PROPOSED AGAINST PHONE GIANT**

The Federal Communications Commission has proposed fining SBC Communications Inc. six million dollars for allegedly violating the terms of its 1999 merger with Ameritech. The FCC claims that SBC, one of the nation's largest local telephone companies, failed to comply with certain pro-competitive actions set out as a condition of approval for the merger.

The FCC had required the San Antonio-based company to give competitors providing local telephone service in five former Ameritech states access to its network for local toll calls on certain favorable terms. An investigation by the FCC's enforcement bureau, based on complaints from competitors, found that SBC tried to restrict the ability to carry telephone traffic from one switching office to another by other carriers.

The five states involved in this action are Wisconsin, Illinois, Indiana, Ohio and Michigan. SBC says that it will appeal. (FCC, published reports)

### **RADIO REGULATIONS: NEW FCC ANTENNA STRUCTURE REGISTRATION SITE**

The FCC's Wireless Telecommunications Bureau has announced an extensive redesign of the Antenna Structure Registration Application Search and Registration Search queries. The redesigned queries can be found at [www.fcc.gov/wtb/antenna](http://www.fcc.gov/wtb/antenna). A "test search" conducted by the CGC Communicator worked easily and flawlessly. The old system was anything but easy to use. More information is at [http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/DA-02-96A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-02-96A1.doc) (CGC Communicator)

### **SPECIAL EVENTS: SNOW DID NOT STOP HAM RADIO UNIVERSITY 2002**

Despite a snowfall the night before, over 300 people came to the third annual ARRL New York City and Long Island Section

Convention that featured Ham Radio University 2002. According to Diane Ortiz, N2DO, the event was held on Sunday, January 20th in the city of Babylon, about 30 miles east of New York City. Ham Radio University is a day long event of forums and education about various aspects of the hobby. (N2DO)

**FROM SPACE: HAM RADIO STYLE**  
Andy Thomas, G0SFJ says that there is now music of space. Well sort of.

Andy says over the SAREX remailer that while driving home late one night he was listening to some tunes on Top 40 Radio. Suddenly there was a voice in Russian sounding remarkably like a cosmonaut onboard Mir or other Russian spacecraft, including machinery noises in the background.

With the help of his 12 year old son, G0SFJ tracked it down to a C-D called Resurrection by a Russian band called PPK. Andy bought the album at Christmas-time. He then e-mailed the band at the address on their website to find out what the voice was. A few days later he received a reply from Sergey Pimonov of PPK. He told G0SFJ that the voice on the C-D was that of Russian Cosmonaut Yuri Gagarin that were stored in the Russian radio archives. (SAREX Remailer)

### **RADIOSPORTS: SWOT TO HONOR VHF SWEEPS WINNERS**

John Petersen, KM5ES, the president of SideWinders on Two has announced that the organization will award plaques to the top two meter scores during the ARRL January 2002 VHF Sweepstakes. Plaques will be given to the top Single Operator High Power, Single Operator Low Power, Rover, and Multi-operator stations. All amateurs are eligible to participate, whether or not they are member of SideWinders on Two.

SideWinders on Two is a group of amateur radio enthusiasts promoting full usage of the two meter band with an emphasis on the weak signal operations. Winners will be announced on the groups website at [home.swbt.net/wd5djt](http://home.swbt.net/wd5djt). (SWOT)

**OKLAHOMA HAMFEST:** The Ada Amateur Radio Clubs Hamfest / Swap Meet will be held on Saturday, February 09<sup>th</sup> 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 4<sup>th</sup> 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 1<sup>st</sup> 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](mailto: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

### CARC Swap Meet February 23, 2002

The next swap meet for the CARC will be February 23, 2002 at 8:30 AM at the Midwest City Community Center, located at the intersection of Reno and Midwest Blvd.

OKDXA will be having a program of the latest ARRL info on DX and Contesting, with Coy Day at the Swap Meet. Time for that program will be around 9 AM.

If you need more info on tables, etc. Please call Chuck KC5EVS- 390-2231 or Kay KB5VJR 3913398. If you get lost, someone will be listening on the Choctaw Repeater 147.09 + that morning.

Y'all come!!!!  
Thanks

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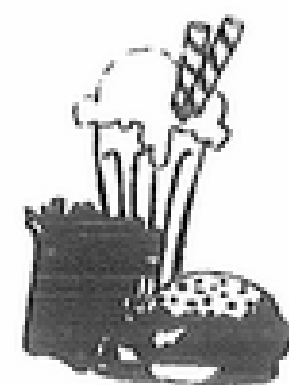
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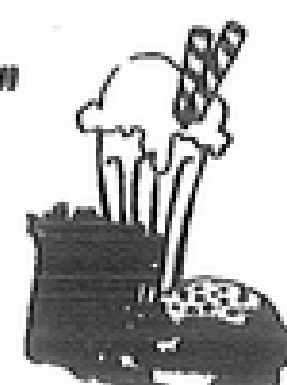
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# February 03 - March 16, 2002

## Weekly Planner

| Sunday                                          | Monday                                       | Tuesday                                                  | Wednesday                                          | Thursday                                                                       | Friday                                        | Saturday                                                                  |
|-------------------------------------------------|----------------------------------------------|----------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------|
| <i>February 3</i>                               | <i>February 4</i>                            | <i>February 5</i>                                        | <i>February 6</i>                                  | <i>February 7</i><br>7:00 PM Aeronautical<br>Center ARC                        | <i>February 8</i>                             | <i>February 9</i><br>9:30 AM SCARS<br>10:00 AM EARC<br>Exams              |
| <i>February 10</i><br>2:30 PM Wheatstraw<br>ARC | <i>February 11</i>                           | <i>February 12</i>                                       | <i>February 13</i><br>11:00 AM Oklahoma<br>VHF ARC | <i>February 14</i><br>6:00 PM SCARS<br>Exams<br>7:00 PM AAARA<br>7:00 PM TSARG | <i>February 15</i>                            | <i>February 16</i><br>1:00 PM CORA                                        |
| <i>February 17</i>                              | <i>February 18</i><br>7:00 PM Choctaw<br>ARC | <i>February 19</i><br>7:30 PM Oklahoma<br>City Autopatch | <i>February 20</i>                                 | <i>February 21</i>                                                             | <i>February 22</i><br>5:00 PM C&E<br>Deadline | <i>February 23</i>                                                        |
| <i>February 24</i>                              | <i>February 25</i>                           | <i>February 26</i><br>6:30 PM Altus VE<br>Exams          | <i>February 27</i>                                 | <i>February 28</i><br>7:00 PM Enid ARC                                         | <i>March 1</i>                                | <i>March 2</i><br>9:00 AM Ada ARC                                         |
| <i>March 3</i>                                  | <i>March 4</i>                               | <i>March 5</i>                                           | <i>March 6</i>                                     | <i>March 7</i><br>7:00 PM Aeronautical<br>Center ARC                           | <i>March 8</i>                                | <i>March 9</i><br>9:30 AM SCARS<br>10:00 AM EARC<br>Exams<br>1:00 PM CORA |
| <i>March 10</i><br>2:30 PM Wheatstraw<br>ARC    | <i>March 11</i>                              | <i>March 12</i>                                          | <i>March 13</i><br>11:00 AM Oklahoma<br>VHF ARC    | <i>March 14</i><br>6:00 PM SCARS<br>Exams<br>7:00 PM AAARA<br>7:00 PM TSARG    | <i>March 15</i>                               | <i>March 16</i>                                                           |

| January |    |    |    |    |    |    |
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| 20      | 21 | 22 | 23 | 24 | 25 | 26 |
| 27      | 28 | 29 | 30 | 31 |    |    |

| February |    |    |    |    |    |    |
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| March |    |    |    |    |    |    |
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| 24    | 25 | 26 | 27 | 28 | 29 | 30 |
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| 14    | 15 | 16 | 17 | 18 | 19 | 20 |
| 21    | 22 | 23 | 24 | 25 | 26 | 27 |
| 28    | 29 | 30 |    |    |    |    |

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