

# Collector & Emitter

Central Oklahoma Radio  
Amateurs, Inc. Publication

**April 2001**  
Volume 27, Number 4  
Issue 314  
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Postmaster See Page 2  
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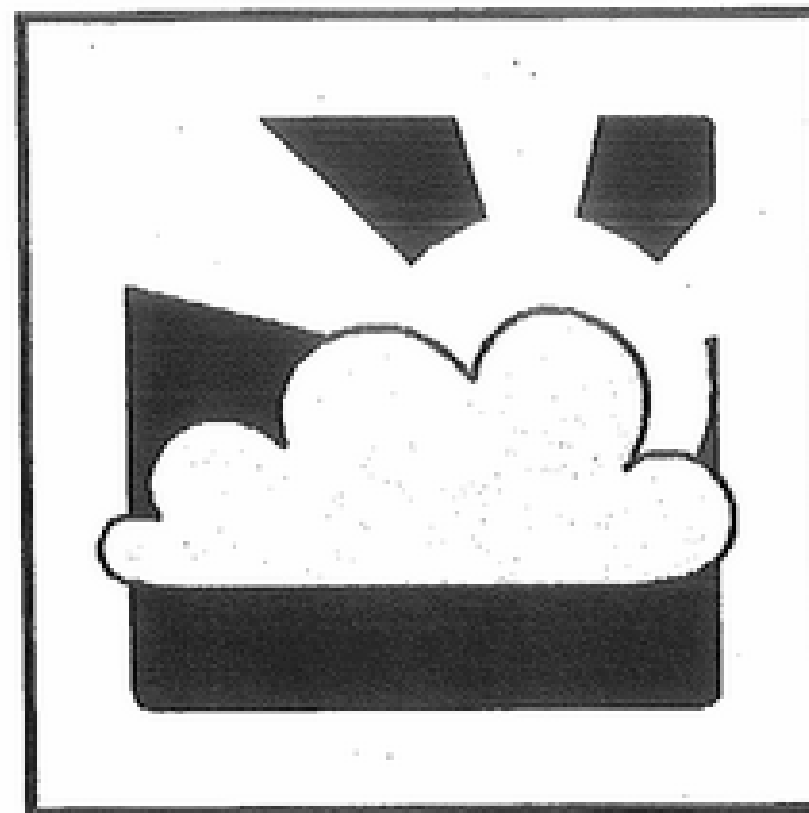
Periodical Mail

## Amateur Radio Newsline

Page 6

## \$17,000 Fine to Jammer

Page 11



## T-Hunting: The Owls Want You

Page 14



## GPS Hunt for CARC

Page 28

**DX**

Page 29

**Collector & Emitter****Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio  
Amateurs, Inc.****President: Tom Miller, KD5ENL****V Pres.: Jerry Sproul, WA5JS****Secretary: Forrest Rush, N5VWF****Treasurer: Harold Miller, KB1ZQ****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:

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The "2001/12" means the year/month C&E subscription expires.

Dear Secretary / Treasurer:

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

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<b>2. Oklahoma Central VHF ARC</b> Meets: 11:30a.m., 2nd Wednesday, Home Town Buffet, 3900 NW 63 <sup>rd</sup> , Oklahoma City Pres.: Bill Noland, WA5FWD 354-5018 VP: Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI 842-3055 Editor:	<b>11. Edmond Amateur Radio Society</b> Meets: 2:00 p.m., 3rd Sunday, Edmond Community Building 28 E Main, Edmond OK Pres.: David Wolf, KC5KJE 340-7486 VP: Dick Stinson, KK5XO 348-6542 Sec: Robert Coxsey, KM5GZ 478-5715 Treas.: Robyn Price, KD5ISC 324-2674 Editor: Curtis Foote, KC5GEP 359-6514 <a href="http://edmondsun.com/ears">http://edmondsun.com/ears</a> e-mail: k5eok@arrl.net
<b>4. Oklahoma City Autopatch Assn.</b> Meets: 7:30 p.m., 3rd Tuesday, Salvation Army Bldg NW 50 <sup>th</sup> and Penn, OKC (Back Door) Pres.: Mark Hamblin, WL7FT 732-2087 VP: Ron McCubbin, KC5QCV 341-0591 Sec: Clay Mayrose, WA6LBU Treas.: Mark Watkins, NM5W 340-8596 E-mail: <a href="mailto:ocapa@juno.com">ocapa@juno.com</a>	
<b>6. Altus Area Amateur Radio Assn.</b> Meets: 7:00 p.m. 2nd Thursday, Southwest Area Vo- Tech Center, 711 W Tamarack Altus, OK Pres.: Dale Town, N5VX 580-477-4027 VP: Mike Schenkel, W5VXU 580-846-5578 Sec: Debbie Grime, KD5LMW 580-480-1252 Treas.: Fred Molledahl, AB5FS Editor: Lil Town, KC5CNA 580-477-4027	<b>15. South Canadian ARS</b> Meets: 9:30 a.m., 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Tom Miller, KD5ENL 321-7889 VP: Ed Berkowitz, N3US 364-8884 Sec: Bill Baker, N5UMH 366-8641 Tr: Jeff Wyke, KT5OK 329-6762 <a href="http://www.telepath.com/n5dkr">http://www.telepath.com/n5dkr</a>
<b>7. Enid Amateur Radio Club</b> Meets: 7:00 p.m. 4th Thursday, American Red Cross 400 N Grand, Enid, OK Pres.: Dean Feken, KL7MA 580-336-3326 VP: Sam Cotter, KD5EUS 580-233-0048 Sec: Tim McAnally, KD5KTB 580-234-0948 Treas.: Dwayne Posey, KC5QVS 580-237-3218 Editor:	<b>17. Ada Amateur Radio Club</b> Meets: 9:00 a.m., 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Charles Eiter, KC5TGA 580-436-4425 VP: Danny Coffey, KM5LB 580-759-2670 Sec: Darla Coffey, KC5RGU 580-759-2670 Tr: Scott Renes, KD5AJL 580-436-1369
<b>8. Choctaw Amateur Radio Club</b> Meets: 7:00 p.m., 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Chuck Kanach, KC5EVS 390-2231 VP: Don Clark, KB5KWV 630-3006 Sec: Kay Hlozman, KB5VJR 391-3398 Treas.: Ron Ernest, WB9DAF 769-3207 Editor:	<b>19. Tri-State Amateur Radio Group</b> Meets: 7:30 p.m., 2nd Thursday, Woodward, OK Pres.: Larry Goodwin Sr. K5LHG 580-886-3283 VP: Gerald Bowman, W5AOK 580-994-5600 Sec/Tr: Robert Keith, W5ROB 580-994-5461 E-mail: <a href="mailto:w5okt@arrl.net">w5okt@arrl.net</a>
<b>9. Wheatstraw Amateur Radio Club</b> Meets: 1:30 p.m., 2 <sup>nd</sup> Sunday, Location Varies Pres.: Leo Piel, WZ5H 580-886-2998 VP: Ray Barnes, AB5Z 580-274-3334 Sec/Tr.: Joe Garland, WA5FLT 405-893-2660 Editor: Ralph Wilder, Wa5PFK 405-623-5421	<b>Central Oklahoma Radio Amateurs</b> Meets: 7:30p.m., 4th Tuesday, Salvation Army Bldg NW 50 <sup>th</sup> and Penn, OKC (BackDoor) Pres.: Tom Miller, KD5ENL 321-7889 VP: Jerry Sproul, WA5JS 354-2061 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Harold Miller, KB1ZQ 672-7735 Editor: Harold Miller, KB1ZQ 672-7735 E-mail: <a href="mailto:corahams@swbell.net">corahams@swbell.net</a>

**Deadline for April 2001 Issue of Collector and Emitter is Friday, March 30, 2001. Send all Articles to Collector and Emitter, 4216 Spiva Drive Del City, OK 73115-4424 on 3 ½ inch floppy or e-mail to [corahams@swbell.net](mailto:corahams@swbell.net). Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.**

# Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for March 24<sup>th</sup>, 2001.

The meeting was called to order by the President of CORA, Tom Miller, KD5ENL. All the officers were present as well as six directors (2 from VHF club, 2 from Choctaw ARC, 1 from EARS, & 1 from SCARS).

Secretary's Report - The minutes of the February meeting were approved as printed in the C&E.

Treasurer's Report - All the bills are current. Treasurer's report approved unanimously.

Old Business - It was decided to purchase a 100-watt sound system for use by CORA at HH 2001 and future Ham Holidays. The system is expandable and should fit our needs.

Tri State ARG has been approached about doing a Wouff Hong. We are waiting for a response from Tri State ARG.

HH 2001 - The 'Bob Ashley W5HXL Memorial Net' represented by Gene Hawkins, wants to do a Special Event Station from HH 2001. They will be using vintage gear and their modes will be AM and CW. They hope to use the 20 and 40-meter bands for their station. A more modern set will be showing PSK 31 to those who attend HH 2001.

**Next Meeting - The next meeting will be at the Salvation Army Community Center at 2808 SE 44<sup>th</sup> Street.**

This change is necessary due to remodeling going on at our normal meeting site. We should be back at our old place for the July meeting if all goes well.

Respectfully yours,

Forrest Rush, N5VWF  
CORA Secretary

The Oklahoma DX Association is currently working on a series of articles for the C&E that we've tentatively named "The Elmer Project". There has been a noticeable increase in the number of General and Extra class Hams since the license restructure of April 2000. "The Elmer Project" hopes to lend a hand to those becoming newly active on the HF bands. The purpose is to offer hints & tips from experienced OM's on operating techniques and technical considerations. If you're well versed in Contesting, DX'ing, the Digital Modes, SSTV, CW, IOTA Chasing, Service Nets, Rag Chewing or any HF activity of interest, no matter how specialized, please share your experience! We'd like to make this a comprehensive series of articles. Which will help a newcomer avoid common mistakes, while increasing everyone's awareness of the tremendous opportunities available on HF. Feel free to e-mail your comments, suggestions and advice to ac5up@vei.net or contact any OKDXA club officer listed on the inside front cover of the C&E. And, don't forget the OKDXA Net on Monday nights at 6:30pm, 3860 kHz +/- QRM. Your advice and experience will be appreciated!

## QCWA Tailgate

It will be April 14<sup>th</sup> from 0900 to 1100 hours at the Black Radio Co., at 413 NE 38th Terrace, that is about 1 block west of Lincoln Blvd. on 38th Terrace. Elmo will have coffee and donuts.

There is a QCWA Breakfast at Grandy's, NE 36th and North Lincoln Blvd. at 0700. Everyone is invited to have breakfast with the guys. The early hour is so that they can have breakfast and get over to the TailGate by 0900.

**OKC TRADERS** begins its third year of service to the Oklahoma amateur community. Originally a spin-off of the Saturday morning "Swap N Shop" net, the popular e-mail listings have grown to over 250 subscribers.

Listings are accepted from any wishing to buy, sell, or trade amateur-related equipment. You can receive the free weekly listings by sending an e-mail to: KM5GM@ARRL.NET (include callsign, if any).

## Restructuring: 'Grand Fenwick Says No To Morse

And finally this week, it has to happen and now it has. A tiny principality has decided to declare Morse testing a thing of the past. Pierre Pullmyleg, has the details:

The European Duchy of Grand Fenwick, a pint-size nation that first came to prominence in 1959 when it declared war on the United States will soon become the first country to abolish Morse testing for any class of Amateur Radio license.

Prime Minister Laughton Mountjoy says that he will make the announcement on Sunday, April 1st at a meeting of the nations Pulmonary Artery. Mountjoy said he will issue a decree no later than Thursday April 5th abolishing all Morse testing and substituting an oral literacy skill exam in its place. Mountjoy says that he knows that this action may be greeted with hostility by the International Telecommunications Union, but he notes that Grand Fenwick is not an ITU signatory and is not bound by any of its International Radio Regulations. This includes regulation S-25 which dictates Morse testing for Amateur Radio applicants wanting access to bands below 30 MHz.

For those of you not aware, Grand Fenwick is a seventeen mile long and 250 foot wide principality located on the French German border. It has a population of about 3500 of which 21 are hams. Several DXpeditions have operated from Grand Fenwick over the past decade using the special PU2 prefix block approved in 1948 by Grand Duchess Glorianna VII.

From just outside the gates of the Duchy of Grand Fenwick, I'm Pierre Pullmyleg reporting for the Amateur Radio Newsline.

It should be noted that none of the expeditions to Grand Fenwick that Pierre mentioned have ever filed for DXCC credit. Also, few if any PU prefix stations have been heard on the air. Because of this, some are saying that the decision by Grand Fenwick to abandon Morse testing amounts to nothing more than an April Fools joke by a mouse trying to roar. (Grand Fenwick ARA)

## Chit-Chat

By Linda, NILPN

### *Believing in one's self...*

Parents today are faced with many challenges. Although many books have been written in the past 30 years with a verity of ways to raise children, somehow they seem hollow to me. I found from personal experience that the only book I needed was the same one that had been used by countless others and had been around for 2,000 years. The wisdom between those pages combined by that of my grandparents and parents held all the answers I every needed and covered every situation I have faced in life including how to raise a child.

As I sit here writing this, my son is in his room studying for an exam he is worried about and is to take next week. This is his College Spring Break Week and while many college students are out partying it up, he is here hitting the books. He is either here studying, doing homework, in class or at work or attending Lifeguard classes or at Tea Kwon Do. He does manage to have a social life as well but I have no idea how he finds the time.

He is now 22 years old and my role has changed from being a parent to being a friend. I respect his judgement and although I do have my moments of, as he says, 'going into mom mode', he takes it pretty well. I never dreamed we would reach this point in our lives and had no idea that I would feel so much joy in my heart. All I did was trust in myself and walk in faith that I was teaching my son the tools, morals and lessons he would need as he became an adult.

We never had a college fund set aside for Mike. Many a day I was just thankful to have enough money to pay the bills and put food on our table and make sure he had clothes without any patches. He never had designer clothes or shoes and most of his toys were given to him by my kid brother or family. I bought him children books I found at second hand stores and garage sales. I did not have the money to shower him with trips to the zoo, movies or circus. Those were given to him through school trips, my kid brother and his friends. Instead, the only gift I could truly give him was Love. We spent time going on picnics, playing games together and

reading. We would watch an old black and white movie on TV, turn off the sound and make up our own script as we watched and even added sound effects for good measure.

Mike always had the dream of going to college, even when he was in grade school and his teachers would remain silent when he would start talking. All except one teacher that is, she told him that we lived in a world where dreams do come true and all he had to do was believe in himself. In High School, Mike took every honor's class the school offered and earned a 4.35 GPA. He graduated with honors and waited for the scholarships to come in and received only silence. He had received so many rejections that when news came that he had won the CORA Scholarship, it was to him a light that at least someone believed in him as much as he did himself. The Scholarship gave him a start but he knew the rest was up to him.

After the rejections from all the other Scholarship applications he had sent out, he became more determined that ever to attend college and not take any student loans while doing so. At 18 years old, Mike was at a lost. He turned to some one he had formed a close friendship with at work and asked for advice, Jeff. Jeff told him if he wanted to go to college the only one stopping Mike was himself. Jeff felt it was wrong for kids to expect parents to go into debt just so their child could party for the next four years. Jeff felt that if you wanted something, you worked for it. He told Mike that when it is your own hard earned dollar being spent, you tend to appreciate it more than if it is just given to you. He did not really like the idea of easy credit cards. He was a firm believer in pay as you go and if you need to work a second or third job, no problem. Jeff had married his high school sweetheart and at 23 years of age was waiting to be accepted into the Oklahoma Police Academy. At the time he and his wife were waiting before having children and both of them worked, they owned their home and were almost debt free. (Today, Jeff is a very proud father and an Oklahoma City Police Officer.)

Mike looks up to Jeff and took his advice to heart and discovered that anyone can go to college, there are no excuses why they can not. Jeff had given Mike the same advice I had, it just sounded better coming

from a friend. It has not always been easy for Mike. The May 3<sup>rd</sup> 1999 tornado arrived the week before finals and most of his stuff was either gone or had water and debris damage to the point he could hardly read his notes or textbooks. The instructors at Rose State College told him to take the exams anyway, and to be honest, he was still in shock of what had happen to not only his home but those of his friends. He was not mentally or emotionally ready to take those exams yet he took them. The bottom line is he had maintained a 3.8 GPA in 2 of his courses and had a 4.0 in the others. After taking the finals, which he failed, his GPA went out the window the same way his notebooks did the night of the tornado.

Mike could have quit college at that point but he didn't. He knew he had some classes to retake and that he had just lost a whole semester's work because of the coldness of his instructors and yet kept his head high. That one semester hurt his GPA and it has taken him time to bring it back up. He is now a Jr. at OU and is planning on taking a trip to Rome, Italy the last 2 weeks in May.

This will be his third trip to Europe and each time he has paid for his trips with his own money without taking out any loans. This trip to Rome is very different from the others he has taken in the past. It is sponsored by OU and it is actually a history course and he will be earning college credit as well. The whole city of Rome will become their classroom and they will be able to experience history firsthand. What an adventure that will be for the 10-20 students who were picked to go.

My point in bragging about my son is that he is not the only student attending college who have chosen to pay for their college without going into debt. He has met many students these pass few years that are working and paying for their own way through college. When these students graduate, they will not have student loans payments haunting them as they begin their careers and life.

Anyone can attend college if they really want to and can do it without taking out loans & grants. Parents need not be blamed for not having a college trust fund set up for their children and do not need to mortgage the farm. Instead, encourage



your 18-year-old to take the steps necessary to secure their own future.

What is it that makes it possible for young people like my son to achieve what everyone has said is impossible? They refused to believe that if their parents do not have a college fund saved for them, they can not attend college. They know in their hearts that nothing is impossible if they just have faith. What makes these students so special is the ability to believe in themselves, to plan and learn to save toward their future without expecting others to give them a free ride. They are special because they know how to make their dreams come true!

*Fwd: Fwd: Fwd:*

FWD: Subject: Weather forecast

The Indians asked their Chief in autumn, if the winter was going to be cold or not. Not really knowing an answer, the chief replies that the winter was going to be cold and that the members of the village were to collect wood to be prepared. Being a good leader, he then went to the next phone booth and called the National Weather Service and asked, "Is this winter to be cold?"

The man on the phone responded, "This winter was going to be quite cold indeed." So the Chief went back to speed up his people to collect even more wood to be prepared. A week later he called the National Weather Service again, "Is it going to be a very cold winter?"

"Yes", the man replied, "it's going to be a very cold winter." So the Chief goes back to his people and orders them to go and find every scrap of wood they can find.

Two weeks later he calls the National Weather Service again: "Are you absolutely sure, that the winter is going to be very cold?"

"Absolutely" the man replies, "the Indians are collecting wood like crazy!"

*FWD: Quote*

No man is worth your tears and the only one who is will never make you cry.

If you love someone, put their name in a circle, instead of a heart, because hearts can break, but circles go on forever.

Everyone hears what you say. Friends listen to what you say. Best friends listen to what you don't say.

If all my friends were to jump off a bridge, I wouldn't jump with them; I'd be at the bottom to catch them.

It takes a minute to have a crush on someone, an hour to like someone and a day to love someone-but it takes a lifetime to forget someone.

I expect to pass through this life but once. If, therefore there be any kindness I can show or any good thing I can do for any fellow being let me do it now...as I shall not pass this way again.

William Penn (1644-1718)

*FW: Think Spring!!!*

I come to the garden alone, while the dew is still on the roses,

@ @ @ @  
\\ \\ \\ \\

Spring is just around the corner - Here are some ideas for your garden:

FOR THE GARDEN OF YOUR DAILY LIVING PLANT THREE ROWS OF PEAS:

1. Peace of mind
2. Peace of heart
3. Peace of soul

PLANT FOUR ROWS OF SQUASH:

1. Squash gossip
2. Squash indifference
3. Squash grumbling
4. Squash selfishness

PLANT FOUR ROWS OF LETTUCE:

1. Lettuce be faithful
2. Lettuce be kind
3. Lettuce be patient
4. Lettuce really love one another

NO GARDEN WITHOUT TURNIPS:

1. Turnip for meetings
2. Turnip for service
3. Turnip to help one another

TO CONCLUDE OUR GARDEN WE MUST HAVE THYME:

1. Thyme for each other
2. Thyme for family
3. Thyme for friends

WATER FREELY WITH PATIENCE  
AND CULTIVATE WITH LOVE THERE  
IS MUCH FRUIT IN YOUR GARDEN  
BECAUSE YOU REAP WHAT YOU  
SOW.

@ @ @ @ @ @  
\\ \\ \\ \\ \\ \\

*FWD: I WISH YOU...*

Happiness... Deep down within  
Serenity ... With each sunrise  
Success...In each facet of your life  
Friend....Close and caring  
Love....That never ends  
Knowledge...Of the grace and love of God.  
Special memories...Of all the yesterdays  
A bright today...With much to be thankful for  
A path....That leads to beautiful tomorrows  
Dreams.....That do their best to come true  
And appreciation....Of all the wonderful things about you!

\*\*\*End of Forward Messages\*\*\*

OKAY...I have this small bit of space left and need to fill it in to make this page a full page. Hal likes it when it is a full page, it makes his job easier when it comes time to put the newsletter together.

You know, I did not realize that we had been at the helm of this newsletter for almost 7 years now! Yep, Hal took over in June of 1994 and I was drafted into writing in September of 1994. Hal was President of CORA from 1995-2000.

Our lives and plans are planned around CORA and this newsletter. Not complaining, I never really thought much about it because it has become a habit around it formed over the years.

Something new is I have been given an offer of help on Fridays with the labeling, counting and bagging of the C&E. It takes me about 4 1/2 hours when I do it by myself each month and about 2 1/2 hours when I have help. Do you know there are places that get paid to do what I do each month? Looked into it but it cost too much to pay someone, so I do it. (I did it! The space is filled and now the page is complete)

Until next Month....

## Amateur Newslines

"I am Charlie Davis."

"I am Jennifer Smith."

"Welcome to Amateur Newslines, your amateur radio program featuring the latest breaking news."

"These are the top news stories for today, April 1, 2001."

"Washington D.C., The Pentagon. Orders for pizzas have set new records for the past 24 hours, indicating that a major crisis is underway. Usually reliable sources report that the Joint Chiefs of Staff and the National Security Council are in an undeterminably long emergency session. They are considering the consequences of our most top secret stealth technology recently revealed to the world by the unexpected public announcement of the Physics Improbabilities Institute of the proof for the existence of dark matter and dark suckers. Internal sources indicate General 'Stormin' Norman Schwartzkopf is to be recalled from retirement to lead American defenses during this crisis."

"Washington D.C. Office of the Vice President. In a press statement, Vice President Dick Cheney stated that the administration is looking into all the ramifications of the dark matter issue. He personally suspects this is a hoax planted by key Democrats to disrupt the Congress and keep us from quickly passing President Bush's tax cut plan. Quoting Cheney, 'The public should not be concerned. Be assured, this matter will be quickly resolved.'"

"Oslo, Norway. In an unprecedented act, The Norwegian Nobel Institute announced today that no more applications will be accepted for the 2001 Nobel awards for chemistry or physics. The startling breakthrough in knowledge provided by the Dark Matter Theory overshadows everything else in these scientific areas this year."

"Dallas, Texas. The Right Reverend Solomon T. Brady of the Universal Kingdom called the Dark Matter Theory a fraud. Believers in the faith should continue sending in large contributions for his television ministry. Bradley stated, 'This is the continuing work of the Devil. He is softening our resolve by trying to confuse the truth and make Hell look more appealing. Satan can not withstand the power of the Almighty and the united True Believers.'"

"Austin, Texas. Members of the Retired Teachers Association of Texas are picketing the Texas Education Building in protest of the Dark Matter Theory. The members are concerned that due to the extensive amount of rewriting of text books, their retirement funds will be appropriated by the state."

"Baghdad, Iraq. Saddam Hussein, supported by massive rallies of Iraqi citizens, denounced the Dark Matter Theory as a western ploy to keep him from carrying out Allah's orders for use of biological weapons against the Kurds. 'This infidel western influence must be cleansed from the holyland of Iraq!'"

"Rome, Italy, The Vatican. An unnamed source connected with Cardinal Antonio di Concerci, prefect of the Congregation for the Doctrine of the faith of the Catholic Church in Rome, leaked information indicating the Council of Cardinals is preparing for the Pope to excommunicate Professor Heinrich von Hessenfleffer and all who publicly support his Dark Matter Theory. The source states, 'The Church has not witnessed anything this blasphemous since Galileo suggested some nonsense about the earth revolving around the sun. God is about 'Love and Light.' Nowhere in the teachings of the Bible is there any evidence to the contrary. All people of God must renounce anything to do with Dark Matter.'"

"Geneva, Switzerland. Physics Improbabilities Institute. Professor Patrick J. Doolittle, PhD, Department Head of Intangible Investigations, announced what has to be the most significant discovery in the 503 year history of the Physics Improbabilities Institute. Professor Heinrich von Hessenfleffer, LLd, JD, PhD, XyD, has discovered that the classical notions on the theory of light emitters is totally incorrect. Light does not come from the sun. What we see is "dark" being absorbed into the sun! Our sun is a large dark sucker."

"It's time for commentary with Charlie and Jennifer."

"This is a spectacular event Jennifer. How did Dr. von Hessenfleffer make this discovery?"

"Charlie, Dr. von Hessenfleffer was reexamining the famous experiment done in 1887 by the physicists Michelson and Morley. They believed by measuring the speed of light in Spring moving toward the sun and again in Fall moving away, the difference between the two measurements would be the velocity of the earth, resulting in an accurate determination of the speed of light. The experiment was a failure! The data was the same with the earth going toward and coming away from the sun. The earth's motion made no difference. This could not be correct. Von Hessenfleffer repeated the experiment using principles from the great Aristotle. He concluded that since the measurements were the same for each direction, one must reverse the order of thinking. The quantity being observed was dark matter leaving the earth, since the escape velocity is a constant regardless of where earth is in its orbit around the sun. The sun sucks dark matter!"

"Has this led to any other discoveries?"

"Yes, von Hessenfleffer has discovered three new subatomic particles. 'Gloomons,' the first found, are virtual particles that pop in and out of existence. These particles hold everything together. Next discovered were 'murkons' which release 'obscurons' in some types of metals. The 'obscurons' enable light bulbs to suck dark. You will have noticed that there is less dark next to the bulb. The larger the bulb, the more dark it can suck. Dark suckers in parking lots have a larger capacity than the small one in most rooms. Dark suckers don't last forever, when filled they will have a black spot and no longer suck."

"What about flashlights?"

"These are portable dark suckers. Using such small bulbs, it is necessary to have additional dark storage capacity. Duracell or

Eveready provide many different size units. When filled they have to be emptied or replaced."

"Does dark have mass?"

"Yes, when dark goes into a dark sucker, friction from this mass generates heat. Touching an operating dark sucker can cause a nasty burn. You probably have noticed that dark is heavier than light. The deeper you dive in a lake, the darker it becomes."

"How fast is dark matter?"

"David, this is difficult to measure. If you were to stand in an illuminated room in front of a closed, dark closet, then slowly open the closet door, you would see the light slowly enter the closet, but the dark would leave so fast, that you would not see it."

"Jennifer, this is all very interesting, but we are out of time on this edition. I am Charlie Davis."

"And I am Jennifer Smith, this has been Amateur Newsline for April 1<sup>st</sup>, 2001. Tune in again to your source for the latest news stories."

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## Amateur Radio Newsline

### Ham Radio in Space: KG3N first to contact expedition 2 ISS Crew

He did it when the first International Space Station Expedition crew took to the ham bands and now he's done it again with the Expedition 2 crew. This is Randy Shriver, KG3N, of Hanover, Pennsylvania, becomes the first terrestrial ham to talk to Susan Helms, KC7NHZ while she was orbiting overhead. Take a listen: Shriver tells Newsline that he heard Helms using NA1SS calling CQ early on the morning of March 18. He picked up his microphone, gave her a call and was able to talk to her for 45 seconds. In that time he got a chance for a quick question and an even quicker reply.

A ham for almost two decades, you may recall that last November 13th, Shriver was also the first non scheduled contact for Expedition 1 crew commander Bill Shepherd, KD5GSL. He also talked to Mission Specialist Tony England, W0ORE years ago during the STS 51 flight.

(Newsline, KG3N)

### Radio Experimentation: New digital mode bridges the Atlantic at 136 kHz

A newly created digital mode could make it possible for hams to span the globe on bands like 136 Kilohertz. In fact, it's already happened between the UK and North America as we hear from Jeremy Boot, G4NJH:

Following recent successes with transmitting extremely slow Morse across the Atlantic on the 136kHz band, the feat has been repeated using a BPSK data mode. The mode known as 'WOLF' -

which stands for Weak-signal Operation at Low Frequency - was created by Stewart Nelson, KK7KA, and it claims to have the weak-signal performance of slow CW without the very long transmission times needed for that mode.

On the 19th of March at 0145, the WOLF signals of M0BMU were successfully decoded by W1TAG. This was only the first occasion that this mode had been used in Europe, though low-frequency experimenters in the USA and Canada had been reporting record-breaking results for some weeks.

It is likely that WOLF will lead to more LF trans-Atlantic crossings because the reduced transmission times allow advantage to be taken of much shorter propagation peaks than was previously possible.

Jeremy Boot, G4NJH

--

To learn more about the Weak Signal Operation at Low Frequency or WOLF communications, take your web browser over to [www.scgroup.com/ham/wolf.html](http://www.scgroup.com/ham/wolf.html) (RSGB, G4NJH)

### Ham Radio Holiday: World Amateur Radio Day

Call it a worldwide ham radio holiday. This with word that World Amateur Radio Day will be celebrated on April 18th.

According to the Administrative Council of the International Amateur Radio Union this year's theme is "Providing Disaster Communications: Amateur Radio in the 21st Century." Amateur Radio societies and radio clubs worldwide are expected to take part in this very special event.

And in a related item, the International Telecommunication Union has approved publication of the Disaster Communications Handbook for Developing Countries. The International Amateur Radio Union is the principal contributor to the Handbook whose release will coincide with the 76th anniversary of the founding of the IARU. It came into being back in 1925 with ARRL founder Hiram Percy Maxim, 1AW, serving its first president.

(ARRL, IARU)

## DAVID L. NUNN, P.C.

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## Ada Amateur Radio Club

The February newsletter was lost in the mail and was not received by the Collector & Emitter, I have combined the February and March meetings. Sorry for the inconvenience.

The Ada Amateur Radio Club's monthly meeting was held February 03, 2001 at the Salvation Army Headquarters, 115 North Oak Street Ada, OK. Meeting was called to order at 0913 local time by club president Charles, KC5TGA with attendance of 17.

The Ada Amateur Radio Clubs monthly meeting was held March 03, 2001 at the Salvation Army Headquarters, 115 North Oak Street, Ada, OK. The meeting was called to order at 0905 local time by club president Charles, KC5TGA with 26 people in attendance. We are very happy to see everyone taking time to attend the monthly meetings and are glad to have them all, everyone is welcome to attend and bring their family with them.

Treasurer's report was passed around and given by Tom, KD5GTY. Tom resigned as treasurer of the club, motion was made to elect Scott Renes, KD5AJL as treasurer and the motion was seconded and a vote by show of hands was passed.

We would like to send our thoughts and prayers with Tom Gilliam, KK5XI who is recovering from surgery, we are glad that he is home and recovering. Robert McKeel's, KC5SIS dad was very sick and in the hospital has passed away, our thoughts and prayers are with him and his family. Ray Stout, WB5PMP; has been ill we are glad that he was feeling better and was able to attend the meeting.

The Ada Amateur Radio Club would like to welcome the following three new members to the club:

Harold "Hal" Nunn, N5HBM, Ada, OK  
Joe "JD" Jordan, WG5B, Dougherty, OK  
Chris Faulkner, KD5NQA, Ada, OK

Congratulations to Clovis Plantz, N5YSP had upgraded to General Class. Clovis has been participating in the 5-wpm code class on the 147.285+ repeater Sunday - Friday nights at 9:00 PM for 35 minutes. I finally

got to meet Clovis, at the hamfest; I've been hearing him on the repeater for a several years, now I can now put a face to his voice. After the meeting March 03, 2001 a VE session was held for those who have been working on their code on the net. There were three people that tested and upgraded congratulations to the following people: Chris Faulkner, KD5NQA passed his tech test. Rick Blansett, KC5UGD; passed his code test. Meagan Blansett, no call yet passed her code. Would like to thank Charles, KC5TGA; and everyone for working so hard on the code net.

Most of February's meeting was held on setting up for the Ada Amateur Radio Clubs hamfest. February 10, 2001 this was the second hamfest held by our club. Would like to thank everyone for all of the work that was put into this event in the end it was all worth it. The only bad thing about the event was it was cold inside and out, the Agri-plex states that they have purchased two new heaters and will have them installed before next winter. We had 100 people sign in for the hamfest from Shawnee, Del City, Okemah, Noble, OK City, Bellview, Sherman TX, McAlester, Edmond, Plano TX, Ardmore, Sulphur, Tuttle, Norman, Wynnewood, Blanchard, Tecumseh, Dougherty, Seminole, Konawa, Ringling and many other towns, we were glad to see everyone who attended. After we moved our date at the last minute due to the conflict with the Tulsa hamfest moving their date to the same date as our hamfest we think that our hamfest did very well. We had 33 tables set up for the swap meet. We want to thank everyone for taking the time to come to the Ada Amateur Radio Club's hamfest. We hope that every year that we hold this event that it gets better and better, we are just getting started so please be patient with us and we are open to suggestions on how we can make this a more enjoyable event for everyone. That is why we hold this event is for enjoyment and meeting all of the Amateur Radio operators that took time to come by and spend the day with us. Would like to thank everyone who come by Friday night and helped with setting up the tables and chairs, and was there bright and early at 0600 Saturday morning for setup, and stayed Saturday evening for the clean up. This year we had cokes, coffee, and doughnuts and want to thank everyone for eating at Bob's Barbeque. The date for our next hamfest is February 09, 2002 at

the same place in the Agri-plex with 2 new heaters, as long as there is not another hamfest held conflicting with our same date.

The club was donated some signs. They have been painted; we have three signs to use for the clubs events.

Thank you to Eddie Ellis, KD5AYO who donated a CD-ROM and speakers to the club for its computer. Thank you to Chris Stettler, KC5RPR for the donation of coffee to the club.

Charles, KC5TGA; read and presented Mason Smith, WT5X; with a plaque from the club members at the March 03 meeting for a great job as trustee of the clubs repeater and for keeping it going.

Discussions on fox hunting at the February 03 and March 03 meeting. Charles, KC5TGA and Sam, N5IY had two antennas at the meeting to demonstrate the meeting ran over, and did not get to go in to the demonstration. They have copies of information if anyone is interested in building antennas.

Monday, February 26, 2001 at 7:00 PM at the Pontotoc Technology Center, 601 West 33rd, Ada, OK. Held annual storm watching class. For more information on this contact EOC director John Burchett, KC5EJC. Its time to start thinking from cold weather ice and snow to warm weather and storms and even more rain. The first day of spring is March 20.

Just a reminder that we have our net every Tuesday nigh at 8:00 PM local time on the 147.285+ repeater. Everyone is welcome to check in on the net be glad to hear from them.

The February meeting was adjourned at 1015 local time. The March meeting was adjourned at 10:10 local time with VE sessions following both of the meetings.

Have a safe and happy Easter,

Darla Coffey, KC5RGU  
Ada Amateur Radio Club Secretary



## Edmond Amateur Radio Society

### **Birthdays:**

The following EARS club members have April birthdays:

04-06	Wayne Thornton	KD5IPD
04-11	Aaron Gates	KD5MCM
04-12	Steven Guinn	N5OLX
04-12	Milton Coleman	KD5FQT
04-13	Wally Allison	KB5OFR
04-14	Ray Wilson	W5TYR
04-15	Clifford Cooley	N5CSJ
04-16	Ed Granger	W5EDX
04-17	David Storey	K0TYC
04-21	Sue Snyder	N5VWI
04-23	Tom Milam	KD5IPG
04-27	Sherry Storey	KD5CPJ
04-30	Robyn Price	KD5ISC

Happy Birthday!

### **Member Information:**

Welcome to these New Club Members:

Edgardo Fink	KD5NII
Jeff Lowejoy	K1PWM

Please forward any changes in your membership information to Regina Randall, KD5MCD who is covering Membership Secretary duties. [kd5mcd@arrl.net](mailto:kd5mcd@arrl.net) is her Email address.

### **March Board Minutes**

Edmond Amateur Radio Society  
Board Meeting Minutes  
March 13<sup>th</sup> 2001

The Meeting was called to order at 7:30 P.M. by Club President, David Wolf KC5KJE.

In attendance were: Bob Coxsey KM5GZ, Dick Stimson KK5XO, David Wolf KC5KJE, Robyn Price KD5ISC, Dee Mize WD5FHR, Tom Harris KD5IOY, Terry Deas W5WTD, Everett Taylor KD5IPB, De Stimson KD5LSK, Sharon Thompson

KM5GV, Randy York AI5Y, Chancey Baker KD5JBK, Earnest Wolf K5YKD, Larry Traub N5OL, Regina Randall KD5MCD, Lee Vaughn KA5WIS, Ed Price KA8NBG, Ron McCubbin KC5QCV, Dave Storey K0TYC, Sherry Storey KD5CPJ, Clara Granger KG5UG, Will Williamson KD5MCQ, Justin Soliday W5VR, Carol Thompson AD5BC, Curtis Foote KC5GEP.

### *Officers Reports*

Vice President: Dick KK5XO. Nothing at this time.

Secretary: Bob KM5GZ asked if the February Minutes had been read. A motion was made to accept the Minutes. It was voted on & passed.

Treasurer: Robyn KD5ISC read the treasurer's report. A motion was made to accept the Treasurers report. It was voted on & passed. Robyn had a receipt from Larry Traub N5OL for the Field Day site at Fink Park. It was voted on & passed. Robyn had the extra key for the P.O. box that Sharon had turned in.

Repeater Trustee: Dee WD5FHR said that Lee KA5WIS had been checking the noise on the Repeater. The phone line for the auto patch is noisy. It has been cut & spliced numerous times.

Emergency: Lee said that 90% of the grounding has been done at the EOC. Lee, Dee, & Curtis worked on it last week.

Board Members: Terry Deas W5WTD nothing at this time. Carol AD5BC nothing. Steve N5ZQ gave David the statistics for the last V.E. test session. Steve said the CW5 net students will be at the next test session. Tom KD5IOY asked for help with the Murrah Memorial Marathon Run. The repeater used will be 146.820. It will be April 29<sup>th</sup>.

Past President: Curtis. Nothing at this time.

### *Committee Reports*

Activity: Dave K0TYC said that the VE test session at the Salvation Army has been stopped for 2-3 months for construction work. Interested testers will be asked to come to the Edmond VE sessions. Dave asked Ed KA8NBG about the Special Event Certificates. Dave said that the St. Patrick's Day Parade was the next Club event.

HF: Ed nothing at this time. The N5OK certificates & QSL cards will be ready by the end of this month.

Club Station: Dee said that the Fritzel Windom has been raised 10 feet on the West side. The 80 Meter Sloper will be raised to the same height. There are no cables on the roof except from the R5. The others were raised up to the short tower section. The SWR's checked okay on the three element tri-band beam.

CORA: Ron KC5QCV said that K2GKK had said that he had a sound system that Ham Holiday could use for the PA system. Next CORA Meeting will be at Spencer's BBQ at N.E. 23<sup>rd</sup>. & Post Road. Earnie K5YKD said that the Fair Grounds may charge for parking at Ham Holiday.

Membership: Regina KD5MCD handed out sheets showing Members that had not yet renewed for 2001. Volunteers took names which each one will call.

Calling: Sherry KD5CPJ said that a new Calling Committee Chair Person will have to be found. Her job prevents her from continuing as Chair Person.

Health & Welfare: Clara KG5UG said that Marion Dollmeyer was feeling better & was at home.

Web Page: Ed wants things sent to him to put on the Web Site. Everett KD5IPA gave Ed some pictures to use.

### *Old Business*

Review Committee: Curtis said that he hasn't gotten last years records (2000) from Gary KD5CPL yet.

Net Manager: Bob KM5GZ asked everyone to listen in on the March 26<sup>th</sup> Net for the Mystery Net Controller.

St. Patrick's Day Parade: Lee said that there are 86 entry's scheduled for the Parade. Everything going okay. We will meet at Sheridan & Dewey at 10:00 AM Sat. March 17<sup>th</sup>. There will be drinks & coffee. The Simplex Frequency of 147.555 will be used if not busy. David asked about the Float for the July 4<sup>th</sup> Parade. He also asked about the QSL'S for State Hood Day Special Event. David said the Club needs QSL cards for K5EOK call sign. Robyn asked about getting stickers to put on the old KC5OR cards. It was voted on & approved to purchase new cards. Will get 500. Robyn said that she would order them next week. Dee said that the new license had been hung in the Club Station. David asked about the Field Day tee shirts & pins. Robyn will take orders now & at

the Club Meeting next Sunday. David asked about the next Dinner Meeting. He said it was scheduled for the weekend of Easter. It was moved to the 21<sup>st</sup>. It will be at the Delta Café at 6:00. David asked if anyone knew of someone to take the Calling Committee position. Robyn said that she would take the position for now. David said that there needs to be a new board member added to replace Carol because she is leaving. Ed said that he would take the position. Dick nominated Ed. It was voted on & approved. David said there was going to be a 73 Party for Sharon KM5GV & Carol AD5BC at the Club Meeting next Sunday. Bob was asked to get things organized.

#### *New Business*

Bob said that Johnny KM5GM had asked if he might have more time on the repeater for the CW5 net. The Board agreed to let Johnny have as much time as is necessary. Dave asked Larry to tell about Field Day. Larry said the he had reserved both pavilions at Fink Park. David said that the HF committee needs to start searching for antennas & poles for Field Day. He said that most of what was used last year is not still available.

Dee said that the Club needs magnetic signs for cars that are out storm spotting. Dick thanked Larry for getting the Site for Field Day. He suggested using Fred's BBQ for the dinner meal.

Bob asked about changing the Board Meetings back to 7:00. It was voted on & passed.

Clara asked when we need to reserve the Church for the Christmas Party. The Board said that the 15<sup>th</sup> of December should be tried with the 8<sup>th</sup> the second choice. It was voted on & passed.

A motion was made to adjourn. It was voted on & passed.

Minutes written & submitted by:

Robert Coxsey KM5GZ  
Club Secretary

#### *Past Activities:*

##### *73 to all*

As many of you know, Carol AD5BC, and I are moving to Texas. By the time you read this, we should be there and semi-organized (ha!) I would like to thank all of you for the neat 73 Party at the March

Club meeting. I have enjoyed my days with EARS so much. When I got my first license back in the fall of 1996, it began a really fun time with all of you in EARS. We have such a unique club. There are a couple of clubs down in the Bryan/College Station area, but I'm sure none will compare with EARS. We're pretty spoiled being part of a club here that is so diverse and offers so many opportunities to enjoy all facets of the hobby. And of course, Amateur Radio leaves the door wide open for continued communication, so friends are only a wire away. As soon as I get my HF array set up, I will plan on checking in with some of you, and of course, the web site and the C & E will keep us up to date on the club's activities. Again, thanks to all of you whose friendship has made my years in ham radio a wonderful experience.

73, Sharon KM5GV

#### *Future Activities:*

Be sure and check the Monday Night Net, or [www.edmondsun.com/cars](http://www.edmondsun.com/cars) for updated information on these events.

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

The April Siren Test will be on April 7th at noon. The May Siren Test will be on May 5<sup>th</sup> at noon. Storm Season is here. Please let Edith KASYPX know you can watch a siren when she asks, so she won't be short of watchers. Help her out by calling her at 348-2961 early to get a spot to listen from.

Friday Lunch is not an official club function, but you can enjoy good food and company each Friday at the Delta Café on 33<sup>rd</sup> in Edmond at noon. Contact KM5GZ or AC5TE for more information.

Breakfast still happens each Saturday at Perkins on Broadway around 8:15 on each Saturday morning. Maybe as late as 8:45. Good company and good food. Come by and try it.

The club station is open on Thursday nights for general use. Check the repeater in case of really bad weather. Lots of people; and lots of visiting and operating. And see the Special YL Event for important detail of an upcoming Thursday get together.

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. New control operators are always needed. Bob Coxsey KM5GZ is the net manager. This net may be the best resource in Oklahoma for keeping up with what's going on in the amateur community.

The next Board Meeting will be at the Edmond Community Center at 7:00 PM on April 10th (note the new time). We're in a different room from the Club station so there is plenty of room.

The March Club Meeting will be a dinner meeting on the 21<sup>st</sup>. It will be at the Delta Café at 6:00.

The club will be active again next year in assisting the City of Edmond in opening community storm shelters. To do this we are going to need more volunteer shelter monitors to step up to the plate and give us a hand. There isn't too much involved, and it puts you in the safest place to be in case a storm heads this way. If you are interested, talk to the club Emergency Coordinator, Ken Stepp, N5DBM and let him know about your interest.

Check out the Oklahoma City Area QCWA Tailgate Swap Meet SAT APRIL 14th. For more information, check in on the W5HXL Memorial Net Thursdays at 7:00 PM on the 145.41 repeater. TWO hours only, 9:00AM-11:00AM. Talk-in on 145.41. Location: BLACK RADIO CO., Inc. parking lot. 413 NE 38th. Terrace. (N of ST Capital on Lincoln Blvd .5 BLK W.)

Several places for Coffee & Breakfast with-in two blocks. Everyone is invited. This will be an old-fashioned ham radio tailgate swap/sell session. Elmo will have Coffee and Donuts. There will be no fees, charges, or other costs.

#### *Special YL Event:*

There is a YL contest running from Wednesday, April 25, through Friday, April 27. It's listed on page 109 of the April issue of QST. On Thursday night the 26<sup>th</sup>, there will be a YL night at the club station.

All YL club members and non-club members are invited to come up to the station, make some contacts, visit, and start a tradition. The OM's do most of the contesting in the club, and this is a chance

for the YL's to show how it's done. OM's are invited to watch, make coffee, and provide moral support. Put this on your calendar to expand your horizons. All YL's are especially encouraged to be there.

#### *Health And Welfare:*

Hi everyone,

Marion Dollmeyer and Clarence, KB5RR, are both enjoying their stay at home for the past few weeks. Marion is getting stronger and doing okay. They thank you for your prayers and please continue to remember them.

Hope each of you have a Happy Easter,  
73 de Clara Grainger 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) so I won't have to take up so much space.

#### **Enforcement: \$17000 Fine To Alleged Unlicensed Jammer**

A California resident alleged to be the source of a false distress call has been told he must pay a hefty fine. According to the FCC's Riley Hollingsworth, the action has been a long time an coming:

-- In-Q: A \$17,000 Notice of Apparent Liability... Out-Q: ...quite a long time. --  
The FCC says that back on March 20, 2000, agents from the it's San Francisco Field Office observed unidentified radio transmissions on 445.175 MHz. Also, the internationally known distress signal "S O S" was being transmitted in Morse Code. The agents determined that the source of the transmissions was at a residence in East Palo Alto. They conducted an inspection and determined to their satisfaction that Nakamura was operating

the station without authorization from the Commission and that he was not in any distress. Nakamura was verbally notified of these violations and issued a Notice of Unlicensed Radio Operation.

But it did not end there. The Commission's San Francisco Field Office continued to receive complaints between July 20th and September 8th from amateur radio licensees and Official Observers. All alleged that the same radio station was still operating on several amateur frequencies, including 144.63 MHz. Also that the station was continuing to cause interference to amateur communications by jamming and playing music.

On September 10th agents from the Commission's San Francisco Field Office also observed radio transmissions on 144.63 MHz. They determined that the source of the transmissions was again coming from the same location in East Palo Alto they had visited earlier. The agents went there, conducted another inspection and found that Nakamura was once again operating the station without FCC authorization. The agency verbally notified o Nakamura of these violations and issued him another Notice of Unlicensed Radio Operation. Now those notices have lead to the seventeen thousand dollar fine that Nakamura must pay within thirty days or file an appeal.  
(FCC)

#### **Radio Law: Hams Win Exemption In Texas Tower Bill**

The Texas anti-tower legislation that others reported as being dead a few weeks ago – finally is. At least as far as ham radio is concerned.

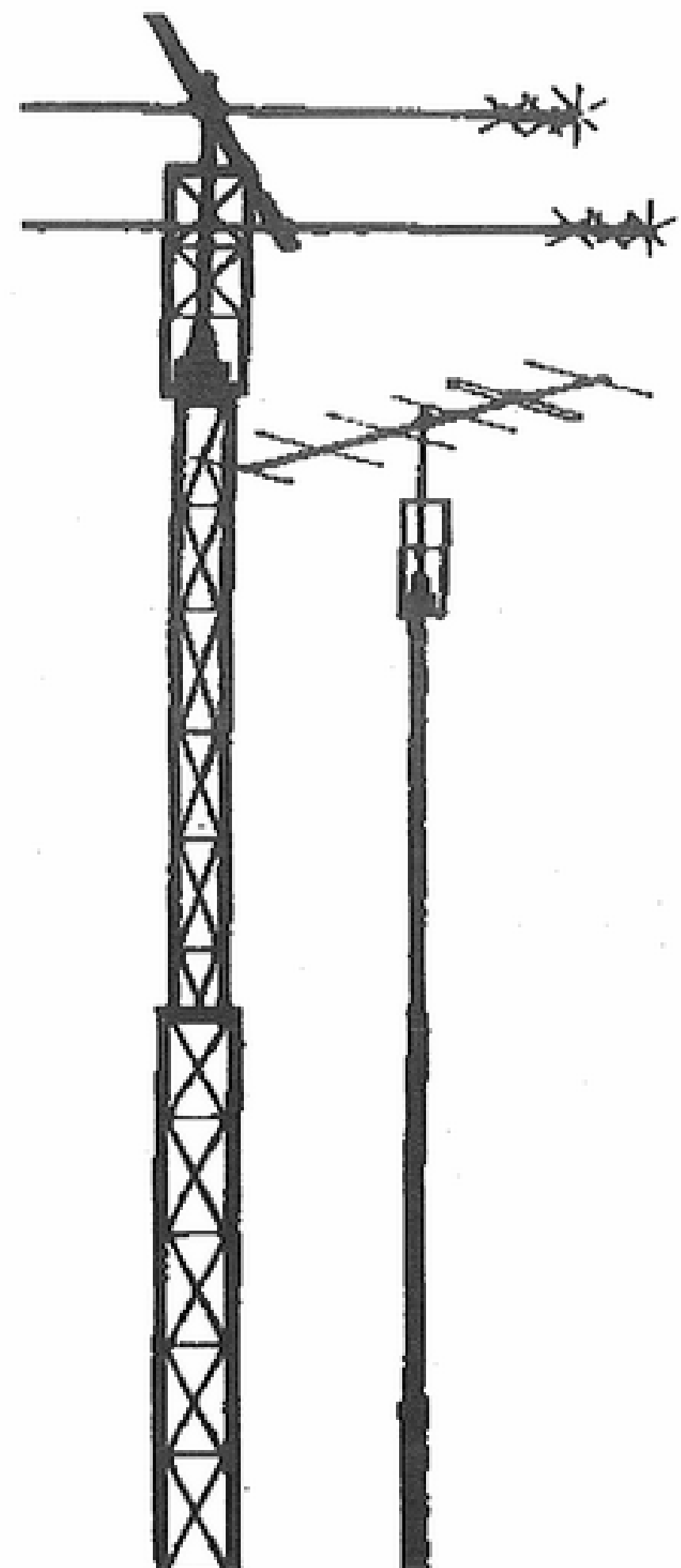
On March 22nd a number of Amateurs attended a public hearing in Austin on Texas House Bill 1148. The hams were there to voice objections on this bill because a promised exemption for the Amateur Service had not been penciled in prior to the meeting.

According to Chris Hudgins, N5IUF,

who was there, it was pretty much a battle between those who don't cellular telephone squaring off against the best Lawyers and Engineers from AT&T Wireless, Sprint, Verizon Wireless and several other telecommunications giants. Hudgins tells ARNewsline that the Texas Amateur community had already bombarded the House Committee with thousands of phone calls, letters and e-mails opposing the bill. These were so effective that as soon as the meeting was over its chairman requested a favor:

--- Hudgins here In-Q: The Chairman Out-Q: ... exempt. --

Hudgins says that the bill has since been rewritten and severely watered down. As a result, all amateur and non-commercial antenna's are completely exempt. New commercial towers owners must only notify neighbors about the tower to be constructed. Hudgins adds that the ham radio exemption only applies to rural, unincorporated areas of the state.  
(Newsline, Repeater Reflector, N5IUF, )



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## South Canadian Amateur Radio Society Norman, Oklahoma

The March meeting was called to order by president Tom, KD5ENL. We started with 35 people in attendance and it grew with some late-comers and people to test.

Treasurer Jeff, KT5OK stated we had money in the bank with some more coming in as dues were being paid. The membership is below the high of 109 last year and we were reminded to pay up.

Secretary Bill, N5UMH announced the new URL for the SCARS Webpage. It has been moved from Telepath to AT&T. The URL is <http://bill.g.baker.home.att.net>.

SCARS and the Amateur community lost a valued member recently. Jerry Broudy, W7DAD passed away. Jerry was an avid CW operator and collector. His "shack" was a mini museum of radio gear. In fact we are very fortunate that Mike N5SOF was recently invited to Jerry's house to video tape his equipment and displays. This will be shown at the next meeting.

Jeff, KT5OK gave a brief presentation on Skywarn. He has upgraded the website and if you are interested in this organization of hams trained on storm formation and spotting, take a look at the page. The URL is <http://www.qsl.net/clevelandcoskywarn>. The recent class at the Postal Training Center was a big success.

Ken, N5BEW gave a repeater report. The storm that blew through on Feb 23 caused a surge that knocked out some fuses. He replaced them and was back on line. The power amp for the O6 machine was sick. He replaced it with the Mirage amplifier and also repaired an old GE to use as another back up.

Lewis, KC5ABI has reserved the pavilion at Reaves Park for Field Day. This event

was briefly discussed and it was found with all the upgrading the most pressing problem is finding a Tech Plus to do the Novice Tech Station. Hopefully someone will step into the breach.

A reminder that next meeting we'll have a Mobil Installation Work Project at 8 AM prior to the meeting. Anyone having problems with a mobile rig or interested in being prepared for severe storm season, chasing etc. come and take advantage of some advice and assistance.

There is some streamlining ahead for our Club Call, W5NOR and the Repeater Trustee. Jeff, KT5OK has volunteered to be the Repeater Trustee and will also assume the Call Trustee role from Jud, W5JA.

By the time you read this Jud's Tech Class will be over and there will be some new Technician operators around. The VE team will administer tests Monday night the 12<sup>th</sup> at the Weather Service. A large pat on the back to Jud for holding the classes for a number of years now.

Those wanting a SCARS T-shirt, Polo shirt, Jacket or Hat need to bring the order form to the next meeting. (April) Mike, N5SOF will then place the orders.

We adjourned and the VE team went to work. When the smoke cleared we had 4 new Techs, 1 new General and 1 new Extra. The FCC has really been humming of late and they could have their calls assigned within a few days.

73 de Bill, N5UMH

## International: Canada Investigates Legalizing Cellphone Blockers

According to news reports from the North, Industry Canada is planning three months of public hearings into the use of technology which could be used to block cellular phone signals in restaurants, theaters, libraries

or other locations. Industry Canada advisor David Warnes told the National Post newspaper that not only are there widespread complaints about cellular phone use in public places but also inquiries by security firms that want to put jammers in corporate boardrooms to protect privacy.

Canada's mobile phone industry is dead against the government forcing etiquette on the country's eight million users by legalizing signal jamming technology. The organization that represents cellular phone manufacturers and network operators says that it could compromise public safety.

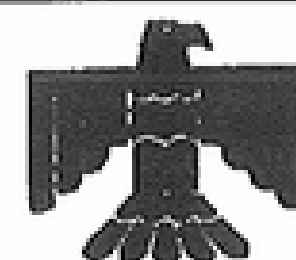
There are currently 8.3 million cellular phone users in Canada, up 27 percent from 1999, and this number is expected to grow by 25 to 30 percent during the remainder of 2001.

*(Published news reports)*

## International – Germany: No More Powerline Communications

The German electronics giant Siemens has decided to pull out of experiments with powerline communications. At least they are doing so for the time being. The Media Network newsletter says that this is very encouraging news those shortwave listeners and broadcasters who are campaigning against the introduction of this new form of spectrum pollution on the airwaves.

*(Media Network)*



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## Enid Amateur Radio Club

Enid Amateur Radio Club (EARC)  
Minutes – Thursday, March 22<sup>nd</sup>, 2001

**President:** Dean Feken-KL7MA

**Vice President:** Sam Cotter-KD5EUS

**Treasurer:** Dwayne Posey-KC5QVS

**Secretary:** Tim McAnally-KD5KTB

Notes From the Secretary: Tim KD5KTB  
It is with great sadness that I report Eldon Smith, KC5RRS became a silent key on Sunday, March 25<sup>th</sup>, 2001. He was 71 years. I came to know Eldon during our weeks of code and general classes together. We will miss him. Our prayers go out to the family.

### Minutes of Meeting:

President Dean (KL7MA) called the meeting to order at 7:20 pm Thursday, March 22<sup>nd</sup> at the American Red Cross building. Everyone was welcomed and guests introduced. Present were: Walter Baker-AA5LI, Fred Selfridge-WH5OW, Bill Wehling-KC5OKG, Theresa Locke-KC5TTD, David Locke-KC5SII, Ron Clinton-KD5HUT, John Turner-KA7GLA, Gene Brintnall-N5SPY, Frank Penner-KC5PCI, Ralph Gandy-N0NOU, David Nichols-KD5KOM, Darren Durham-KM5BQ, Kerrie Durham-KD5NJG, Curtis Kooiman-KD5GQV, Randy Kooiman-KB5CWF, Tim McAnally-KD5KTB, Dean Feken-KL7MA.

Guests included Dean's wife Zona, Darren and Kerrie's children Delanie and Cameron.

Walter-AA5LI made a motion to approve the minutes from the February meeting as published in the C&E and Fred-WH5OW 2<sup>nd</sup> the motion and the minutes were approved by the members.

Treasurer Report: John-KA7GLA presented the report for the Treasurer. There is money available for current club activities.

Training Report: Dean-KL7MA reported there are 9 students in the Technician

class currently in progress. All are going very well.

Repeater Status Report: The harness for the north tower site has been ordered. Darren-KM5BQ was recognized for the efforts on the .29 repeater. It is working very well now. There are plans underway to move it to the North tower and link back up with the 444.4 repeater. The club board members met recently and installed Dean-KL7MA as the new club trustee. Paperwork has been submitted to W5YI.

Other Old Business: John-KA7GLA reported on ARES activities. Asked anyone who has current Red Cross cards to let him know. Several handouts were provided to those who wanted them on Disaster service. Club members were asked if they were interested in passing out some handouts on a Saturday at one of the local stores. There was discussion but no interest at this time. John indicated he has a list of Red Cross classes for anyone who is interested. There are also classes in Tulsa which require overnight stays. Photos and ID's and completed forms for the ARES group should be given to Darren or John. They will be typed up and laminated with the photos and returned.

There is scheduled Antenna party on April 14<sup>th</sup> at the Red Cross building beginning about 9:30am. A 30 foot tower with a stinger will be setup. If you have hard hats, bring them.

The CPA continues to work on the new club IRS Section 501 Certification for Tax Exempt Status. More should be known by the next meeting.

Tim reported for Sam that equipment for field day is being collected and reservations made.

Sam-KD5EUS, Dan, Bill and Bob are part of a group of club members involved in presenting a demonstration of amateur radio to some students at the Kremlin HS. Students from Mr. David Cambell's Physics and Advanced Science classes will participate in the presentations.

Dean reported on the IRS Section 501 Certification for Tax Exempt Status. A CPA is working on the paperwork but no

new status at this time. Because our operation income is low, we may not be required to pay a fee for the new certification.

Curtis reported that the web page is available for testing purposes currently. We will publish the link once we receive notification that the earc.enid.ok.us has been setup. The club recognized all the hard work that Curtis, Thomas Gandy and Tim have put forth.

### New Business:

David Locke asked if there was interest in APRS. Some names were provided and more interest was discussed on what APRS is. Refer to the tapr.org web site. Dean suggested we set up a demonstration for the club members.

John moved we adjourn and David 2<sup>nd</sup> the motion. Adjourned at 8:24pm.

### Enid EARC 2001 Calendar of Events:

04/28/2001. Saturday. March of Dimes Walk America 2001

05/05/2001. Saturday. Tri-State Parade

06/23/2001 - 06/24/2001. Saturday - Sunday. Field Day

07/04/2001. Wednesday. Enid Symphony & Fireworks at Meadowlake park

08/04/2001. Saturday. YMCA Triathlon

09/15/2001. Saturday. Cherokee Strip Parade & possible 5K run

11/23/2001. Friday. Enid Lights UP the Plains Fireworks

Respectively submitted by Tim McAnally-KD5KTB EARC Secretary





## Oklahoma City Autopatch Association

Minutes of the 20 Mar 01 OCAPA meeting

The President of OCAPA, Mark Hamblin, WL7FT opened the meeting, 14 members were present.

Minutes from the February meeting were approved as published in the C&E.

Treasures report was read and approved.

**Technical Committee** – Hal, KB1ZQ discussed the need for rotor control boxes for the club's antenna rotors. The OCAPA will place an advertisement on the Saturday Morning Swap & Shop. (OPEN)

AMSAT – Tom, WA9AFM discussed the current situation with AO-40

### Old Business:

OKC Memorial Marathon – Clay WA6LBU & Mark WL7FT discussed the plans for the marathon. Several Volunteer Applications were turned in. (NOTE: As of the printing of these minutes, 17 Applications have been turned in. These are a requirement from the Marathon Organizers)

ARES – Clay, WA6LBU discuss current status with regard to ARES. Additionally, Oklahoma County Weather net procedures were discussed. EC positions for Oklahoma County was discussed. A formal announcement will be made once the appointments are confirmed.

### New Business

Field Day – A general discussion on field day was conducted. This year's event will be held at Midwest Blvd Christian Church.

Next Meeting will be on 17 Apr 01 at the Salvation Army Community Center, SE 44<sup>th</sup> St. 2/10 of a mile west of Bryant. The OCAPA monthly meeting will continue to

meet at this location until the renovation of the 50<sup>th</sup> & Penn location is completed.

Meeting was adjourned at 2017.

Respectfully Submitted

Clay Mayrose, WA6LBU/5  
OCAPA Secretary

### Handi-Hams: We Need You!

The Handi-Hams have put out a call for volunteers to teach Ham Radio at their Camp Courage located in Maple Lake, Minnesota. The camp which is 40 miles west of Minneapolis, is equipped with an Amateur Radio station that will be put into operation for this summer's camping season. If you are interested in volunteering to run a ham radio beginner class or camping at Camp Courage please drop me a line at [handiham@mtn.org](mailto:handiham@mtn.org). (Handi-Hams)

### Ham Radio In Cyberspace: New 222 Mhz Website

Interested in the 222 MHz operation? Lisa Lowell, KA0NNO reports over the W6YX VHF reflector on a new website for those with interest in the 1 point 25 meter band.

According to Lowell, the website features an equipment sale area, a general interest message board, a meteor scatter message board and a beacon list. Its in cyberspace at <http://6mt.com/222.htm> (VHF Reflector)

### T-Hunting: The Owls Want You

It's spring, and time once again for volunteer hams to listen for radio tags on migrating Burrowing Owls. ARNewsline's Joe Moell, K0OV, has the latest news on this project.

-- Following my reports on Newsline, many radio amateurs and scanner enthusiasts monitored for the radio tags on endangered Canadian Burrowing Owls during the fall 2000 southward migration, and continued to monitor through the winter months. At the same time, two Canadian biologists were performing airborne monitoring in a Cessna 172, and they met with success. In early December, they

tracked down a Saskatchewan owl signal near the tip of Smith Point, on the east shore of Galveston Bay in Texas. The owl was in a recently burned cattle pasture, adjacent to a wooded area.

Later in the winter, they flew over Mexico and received more tag transmitter signals. They returned by vehicle and tracked down two owl tags. One was in northern Veracruz state, on the ground under an orange tree on the side of a small volcanic hill. The ground nearby was littered with owl feathers, meaning that the bird had died or been killed by a predator.

The second transmitter was just south of Guanajuato state, sitting on the back of a live owl in a patch of cactus-thorn shrub on a hillside, surrounded by corn fields and pasture. This owl had migrated 2175 miles from its Alberta hatch-place.

Hams are still needed to monitor for these owl tags. Jerry Batey, a graduate student, has placed transmitters on wintering owls in southeast Texas. Do these Texas owls go to Canada in the spring, or do they stay somewhere in the USA? That's what researchers hope to find out, with your help. The owls have begun leaving the Texas study site and will probably be on the move at least until mid-April.

All the frequencies are at my Web site, [www.homingin.com](http://www.homingin.com). There's also information on suitable VHF equipment, antennas, and how to monitor most effectively. That's homingin -- one word -- homingin.com. Many thanks for your help. From southern California, where our Burrowing Owl population is also dwindling, this is Joe Moell K0OV for Amateur Radio Newsline.

-- Again, Joe's website is easy to remember. Its [www.homingin.com](http://www.homingin.com) (Newsline)

<p>NSWNL GLYNN MASSEY</p> 	<p><i>Datry Karl Drlor Dan</i></p> <p>(405) 634-7760</p> <p>Hours: Mon-Fri: 8-4 Closed Sat &amp; Sun</p> <p><i>FAMILY OWNED &amp; OPERATED FOR 26 YEARS</i> 2704 S. Central, Oklahoma City, Oklahoma 73109</p>	<p>KCSVZN JAN MASSEY</p> 
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## Altus Area Amateur Radio Association

**Altus Area Amateur Radio Association (AAARA) March 2001 Minutes**  
Mail: AAARA, PO Box 8863, Altus, OK 73522-8863.

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

Thursday, March 8, 2001, 7:00pm  
Minutes by Debra, KD5LMW.

### Introduction

The Altus Area Amateur Radio Association was called to order by the Sergeant at Arms, Janice, KD5BNO, presided over by the President, Dale, N5VX, with 14 members attending and 1 guest, Mr. Marvin Gordon KC9VF.

James, AB5FS, gave the treasurer's report.

Last month's minutes were made available on the table at the back of the room.

### Old Business

Dues are past due. If you haven't paid for 2001 and wish to continue to be a member, see James, AB5FS or Debra, KD5LMW.

ARES meetings are the fourth Thursday of every month at the Fire Department on Main. If you are an ARES member, please try to attend. We'd love to see you there.

There is an emergency communication training class going on Sunday afternoons at 3:30 on 3.900. If you are not HF qualified, and would like to check in, talk to Dale, N5VX about checking in by computer.

We are still in need of a few things for the MCC van. We need a marine gel cell battery and two battery boxes, among other things. Talk to Dale, N5VX for specifics if you'd like to make a donation. We've had an ICOM 229H VH radio

donated by George Mateyko, N5GM – thank you George.

The breakfast meeting this month will be at Checkers – across from United at 8am. Any questions or suggestions for breakfast meetings contact our newly appointed breakfast meeting chairperson, Ron, KD5CYW.

ARRL books are available through Fred, KC5SRJ, at the back of the room. As always, cost is the ARRL cost of the book plus one dollar shipping.

If you would like an AAARA T-shirt or polo shirt, they are also available through Fred, KC5SRJ. T-shirts are \$9.00 and polo shirts are \$15.00 with a small additional charge for 2X or larger.

### New Business

**SIGN IN** – Members and guest were reminded to sign in on the sign in sheet provided at the back of the room.

**ARRL MEMBERSHIP** - Your ARRL membership is very important to this club. We are an ARRL affiliated club and at least 51% of our members must also be ARRL members in order to keep this affiliation. If you are not a member, please consider becoming one, see James AB5FS, or Debra, KD5LMW. If you are a member and have dues to pay, please consider paying through the club as we receive a \$3.00 rebate from ARRL. Dues are \$39.00 this year. You can protect yourself from occasional dues increases by getting a 5-year or lifetime membership. Again, see James or Debra.

**MARS UPDATE** - There is work in progress to get a building on base for MARS, Civil Air Patrol and Boy and Girl Scouts to share. There is a possibility of getting the Leadership School building, the old SAC alert facility. Nothing definite yet.

**HAMFEST** - We still need a volunteer to run HAMFEST this year. If we don't get a volunteer and start working on it soon, we may not have HAMFEST this year.

**INSURANCE** – Dale, N5VX is still working on getting insurance for the club.

**FUNDRAISING** – We are still working on details for the Car Show fundraiser. We will not be doing security or crowd

control, but will be providing attended, covered parking for cars in the car show. Parking will be at the Community Center with overflow at the fairgrounds if necessary.

**MCC** – The van is nearing completion and Dale brought up the issue of responsibility for maintenance and use. The van is for Red Cross, ARES and AAARA use. We need to think about having one or two people responsible for making decisions regarding its use, future repairs, equipment, events, upkeep etc.

An air-conditioner/heater is needed for the van. Terry's RV has offered to sell one to us at cost for \$500 to \$600. A motion was made by Jerry, K5QM to use club funds to go ahead and buy. Seconded by Fred, KC5SRJ. A vote was taken and the motion was passed. Dale will work on that next week.

Volunteers were requested to work on the leaky roof of the van Saturday. Steve, KD5KKT, Ron, KD5CYW and James, AB5FS volunteered and will meet at DOC's Garage Saturday morning.

One of the van tires has been damaged in an act of vandalism. It will have to be replaced soon.

**IN OUR THOUGHTS** – Joe McDonald has been diagnosed with terminal brain cancer. A card was sent around for signatures. Lil, KC5CNA will mail the card.

Jim Romine is having surgery next week.

**TESTING** – Testing is scheduled for Monday, March 19<sup>th</sup>, 6:30 at the VoTech. Our club needs more general and extra class operators. If you are a technician or general class operator, please study and upgrade. We need you.

**REFRESHMENTS** – Refreshments for tonight's meeting were provided by Dale and Lil. A sign-up sheet was circulated for future meetings.

Ron, KB5UVC and Donna, KB5UVB will provide refreshments for April's meeting.

**NEWSLETTER** – If you have any articles you would like to see printed in the newsletter, get them to Lil.

**BUSINESS FROM THE FLOOR** Ron, KD5CYW provided website for HAMCOM, coming up in the June, July

timeframe. Visit HAMCOM.ORG or see Ron for more information.

Fred, KC5SRJ has a website for the National Weather Service Emergency Management. Contact him for further information.

Jerry, K5QM asked about the Packet Repeater. It was suggested that we turn this project into an APRS repeater project. He will speak to Doc about this and we will discuss it again.

Ron, KD5CYW updated us on the upcoming Farm Rail activity that was discussed at February's meeting. There will be no flag crossings at intersections, we are looking at the possibility of having an HF/APRS station in one of the cars. However, this project has been put off for a while. Ron will keep us informed.

#### New Stuff/Events

Dale, N5VX talked about the new Yaesu 817 radio. Great portable radio. Check it out.

Quackers – a new APRS group has formed in Lawton. This is a very informal, information-sharing group. They will meet on the 3<sup>rd</sup> Saturday of each month, 10 am, at the Votech in Lawton.

MEETING ADJOURNED – 8:45pm

#### Note from the AAARA Pres.

Hello all you radio types. Another productive month behind us and we're on to the next.

Finally it's finished (well almost). The Mobile Command Center (MCC) is operational. There are still a couple of little things to do, but for the most part, it's working. Radios are installed, leak in roof is plugged, engine is running again (I think), drivers overhead console is installed, and the biggie, the air conditioner is installed. What's left to do? Antenna cables need to be made to connect two radios to their respective antennas. The new air conditioner needs to be wired into the fuse box. The driver's overhead console needs to be carpeted. The overhead emergency light bar needs to be wired in. Two more radios need to be installed for the driver. Separation curtains need to be installed between the driver compartment and the operations compartment....sheeeesh, did I say we were operational. Well, almost anyway.

Remember, May 4 and 5 is the Altus Car Show and we'll be handling the parking of the show cars for those who wish to park them inside away from the hail. We stand to make a few dollars on this, but we will need all the help we can get. See George Mateyko, N1GM, for details. It is being handled by the Jackson County ARES group.

Big congratulations to all the new Ham Radio Operators and those who upgraded. I don't remember all the names of those who attended the recent test session, but it was a clean sweep, everyone passed. It always feels so good to see that happen. Special mention goes to our Club Secretary, Debra Grimes. She and her son Larry passed their tests and Debra is now an Extra Class while Larry is a new Technician. For those of you who have been thinking about upgrading, Debra should be an inspiration to you. She was first licensed only about 7 months ago, knew nothing about electronics or radio and by the next test session will probably be giving the test instead of taking it

Well, that's enough for now. Have a good month and I'll see you on the radio.

Respectfully,

Dale Town, N5VX  
President, AAARA

#### Radio Rules: FCC Sets Cellphone DF Deadline

The FCC has cast in concrete the date a date when a cellular telephone locating systems must be up and running. ARNewsline's Roy Neal. K6DUE, reports:

Not only will emergency services be able to find you when you are in need of assistance, so will Joes Auto Sales when he wants to sell you a used car.

*(Published news reports)*

**That's Entertainment:  
K6DXK Presented  
Honorary Oscar**  
Congratulations to Ernest "Ernie" Lehman, K6DXK, on his receiving an

Honorary Oscar from the Board of Governors of the Academy of Motion Picture Arts and Sciences. Lehman was honored by the Academy for his lifetime devoted to screen writing, producing and directing motion pictures.

For those of you not aware, Ernie Lehman was the screenwriter of such classics films as North by Northwest, The King and I, West Side Story, The Sweet Smell of Success, Sabrina, Hello Dolly, Who's Afraid of Virginia Wolf and The Sound of Music. With Julie Andrews at his side, K6DXK received his OSCAR on Sunday, March 25th on the Academy Awards telecast.

*(Newsline)*

#### ARRL: QST Magazine Gets New Editor And Publisher

Steve Ford, WB8IMY, will become the new editor of ARRL's official journal QST effective April 2. Ford, who was QST Managing Editor and supervises the magazine's editorial staff succeeds Mark Wilson, K1RO, as QST editor and Editorial and Production Department manager.

As previously reported, Wilson has been designated as the ARRL's new Chief Operating Officer and QST publisher. The latter is a title formerly held by the League's Executive Vice President, Dave Sumner, K1ZZ.

*(ARRL)*

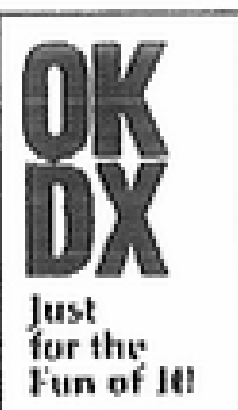
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## OKlahoma DX Association

April, 2001

### From Da' Prez

By LARRY SHIMA, W0PAN

Spring fever is almost the name of the game this month, or is it just allergy time? Either way, it is a time for renewal and getting ready for the outdoor stuff; maybe even getting the new antenna farm up and running. As we move through spring and into summer, Ham Radio sometimes has a tendency to take a back seat to something else. This month I want to introduce you to one of the alternative ways to chase DX year-around – PSK31.

In the ARRL HF DIGITAL HANDBOOK the editors write: "PSK31 could be viewed as a high octane cousin of RTTY. It is not an error-free digital mode, but it offers excellent weak signal performance. ...As this book is written (1999), PSK31 was emerging as a possible successor to RTTY for casual rag chewing, contesting, and DX'ing." PSK stands the modulation method used to generate the signal, Phase Shift Keying, and 31 is the bit rate. Since I am technically challenged, I will leave it there and let your curiosity take you beyond the basic definition.

Our Northwestern Area Director and Web Master, Bob Armstrong, K5SIT prepared the following information about his experience with PSK31. It sounds like fun and is definitely something new to try when the other modes seem boring:

*PSK 31..... OK, guys and gals, are you tired of the same old stuff – banging away on the paddles, screaming at your microphone just to bust a pileup, or burning too many kilowatts running an amp? If so, try PSK31 for a change of pace at low power with plenty of DX.*

*QST Magazine has had several articles on this mode lately. The bands are full of PSK31 signals. Since January 20th of this year I have worked 112 contacts, 14 DX countries, and 39 states. I did that with 20 Watts and a ground mounted Butternut Vertical. I have worked 80M, 40M, 30M, 20M, 15M, and 10M contacts. PSK operators are good QSL'ers also. Most use www.eQSL.com for their QSL info.*

*The contacts I have made have been with an FT-847 @ 20W, a Rigblaster Interface, Digipan Software and a 650 MHz computer with a Soundblaster card. It's very simple stuff and there wasn't too much Rocket Science involved. So give this mode a try and start having some new fun!*

– 73, de...Bob, K5SIT

To bring the point home, there are times when you won't break a pileup using SSB or CW. The competition from the 'Big Guns' on the popular modes is often too much. But, a digital mode can easily net a log entry when you're clever enough to substitute skill for brute-force RF. Here's an example from the 3B6RF press release regarding their DX'pedition to Agalega:

*"PSK31 is becoming more and more popular. 3B6RF will be QRV on this new mode on 20m, 15m and 10m and will be used alternately with RTTY. The PSK31 equipment will be an FT1000MP + Linear, Force 12 3 element multi band beam, Toshiba CX230 Pentium 133 MHz computer and WinPSK31 Version 2.02*

*Frequencies to be used are:*

*14068.15 kHz +/- 1.2 kHz  
21078.15 kHz +/- 1.2 kHz  
28078.15 kHz +/- 1.2 kHz*

*We will call CQ on these frequencies and, in order to handle the pile up, will listen +/- 1.2 kHz. That means you'll need to shift the RX frequency on your sound card slightly if TX is on 1500 Hz and RX on 1350 Hz (or vice versa). Contrary to the usual operating style, 3B6RF will use their TX frequency as the master in PSK31. This method should give a chance to the little pistols."*

There you have it, folks. Why not take on a challenge and try something new to see what it was like when us "old timers" shifted from AM to SSB in the 1950's. For those of you who Contest, check the listing for April 21-22 and you'll find the TARA PSK31 Spring Rumble. Could be fun!

As this goes to press, I have appointed Clif Sikes, N5UW Chairperson, Ross Hunt, K5RH and Coy Day, N5OK to the nominating committee to obtain candidates for the election of officers in July 2001 at Ham Holiday. We will be looking for candidates for the following offices: **President** (2 year term – I am not eligible to run again for the office) **Vice President – Activities** (2 year term) **Vice President – Administration** (the balance of Dick Stricker, NJ5S term – 1 year). Please give one of the members a call and volunteer to be a candidate as that

is the best way we can secure the future of the OKDXA – interested volunteers. As we move into the future with the anticipated changes in Amateur Radio as we know it today, we must ensure the future of DX'ing in Oklahoma with a top-notch association of DX'ers. We need to give talks at local radio club meetings about DX'ing and Contesting to attract the newcomers to an aspect of Ham Radio that is both fun and challenging for all. I know of no better way to encourage newcomers than with an eyeball contact telling them how much fun we have chasing that rare one or racking up a big score in Field Day, DX Contests, or Sweepstakes. Take along some QSL cards from exotic locales and share the experience of getting that contact with some of the youngsters at the meeting – they are the future DX'peditions!!!!

Check our website at [www.qsl.net/okdxa](http://www.qsl.net/okdxa) and watch it change as K5SIT upgrades the site. Try it, you will like it! 73 and I hope you snag a new one this Spring.

– W0PAN

### Secretary / Treasurer Report

By JERRY CHOUINARD, K5YAA

### From Da' Editor

By NELSON DERKS, AC5UP

— **IMPORTANT ANNOUNCEMENT** — Our very own Vice President of Activities (and Doug Xander's favorite QSO) has recently achieved **FIVE BAND DXCC** at the 100 Watt level. No amplifier was used, or needed. Our sincere congratulations go to **CLIF** (The Big Signal In Minsk) **SIKES, N5UW** for this achievement, especially on 80m. And, there is absolutely no truth to the rumor his propagation was artificially enhanced by Oklahoma's most technically adept radio amateur. As for the other rumors, you'll have to decide for yourself.

Meanwhile, here at Open Fuse Acres, the saga continues... By this time I'd hoped to report AC5UP-TV (the stupid spot on your dial) has taken the air with at least a snowy picture and scratchy audio, but that will have to wait for another month or two. As usual, there have been distractions and detours. But, I've smoked more rosin in the past month than the past year and that's usually a good sign. I still get a kick out of squeezing the PTT on the HF rig, but a little bench time can be nice, too.



For those of you with a TV background, I have to share this with you... About nine years ago I snarfed up a 'beater' Ikegami HL-83 at the Sidewalk Sale in Dallas for a measly \$25.00. I didn't even haggle and almost ripped a pocket by pulling out the wallet at light speed. We're talking about a professional grade three-tube news camera that has seen some heavy use. But, considering the asking price, the full-auto (and scratch-free) 14:1 Fuji with electronic viewfinder easily made it a deal and a half. The camera had a nasty picture when I first got it and has been patiently waiting for a second look. As you've guessed, I put the juice to it last month. Yuck. I could have written an obituary for the red tube. Green was on life-support, but blue looked almost normal. If the tubes are that bad, there was no way it's going to be tweaked into beauty and my time would be better spent looking for a more promising (and more expensive) candidate on eBay...

Then I pulled the boards and reseated the connectors. Damn. Red is working again and green looks better. The optical block was out of focus, but a quick run through the back focus adjustment on each tube returned a sharp (but badly registered) picture. Color balance looks fair. A little gray card magic with a 'scope and things are starting to shape up. I'm doing most of this by intuition without a service manual, and I haven't chipped a camera in nearly 20 years, but some things you never forget no matter how hard you try. To finish the story, I suspect the camera was either the victim of a tune-up by the brother in law of a mail order tech school dropout or someone decided they wanted a shiny new CCD camera in the worst way possible. Almost every tweaker had been diddled.

Reminded me of my AN/USM 323 signal generator that arrived with zero output. It powered up and the meters & knobs acted normally, but it was stone cold dead on the N connector. Opened it up to find the Ty-Rap holding the edge connector on the output attenuator assembly had been cut and the wiring harness was hanging in free air. It worked much better after I plugged it back in. Either that's part of the de-mil procedure, or some weak-end warrior wanted a new one and, well, you know...

As I write this, I'm still figuring out some of the registration adjustments by trial & error and the encoder adjustments were fairly obvious. It's looking much better

than expected with no burns, lag or comet tails, but an average CDD camcorder will outperform it at low light levels. Despite its attraction to bright lights, it's still an impressive piece of hardware to look at.

Meanwhile, back on the RF side, it must be reported that DX Dan, KD5JXT has upgraded again. What A Guy. General one month, Extra the next. Salute! I also pulled one of my favorite tricks on W5TAZ at the last TARC meeting. He was showing off the \$400 tube he'd just horse-traded for to pump up an old amp he's working on. *"Gee, Dave, I just threw out a whole box of those not more than a month ago. If I'd known you could use them..."* W5TAZ was last seen at a local landfill. — AC5UP

### OPDX Bulletin - Internet Edition

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

The Ohio-Penn DX Bulletin web site is now at <http://www.papays.com/opdx.html>. If your browser points to the old site, you will be redirected for the next few weeks but will need to update to the new address. The new site provides more flexibility and enhancements not possible on the exiting server. The Northern Ohio DX Association (NODXA) web site has also moved to <http://www.papays.com/nodxa.html>. Visit us whenever you can!

### 3A, MONACO

A group of Italian operators will be active for three days from here (grid JN33RR) June 1-3rd. They will concentrate on 6 Meters and also be active on HF and 2 Meters. Listen for 3A/IK5GQK (Fabrizio), 3A/IK5YOJ (Giuseppe), 3A/IW5BZQ (Stefano) and 3A/IW5EDQ (Virginio). Their activity on 6 Meters is as follows: 50.210 SSB, 50.600 RTTY and 50.620 MHz PSK31 (using an Icom IC-706MKIIG with 6 element Yagi and HQ50 Halo Loop). Their 2 Meter activity will be on 144.290 MHz SSB (using an Icom IC-706 with 9 element yagi). Their HF activity will be on SSB, RTTY, PSK31 and SSTV (using two Yaesu FT-100's and vertical antennas). You can send E-mail for skeds to [3a@mannelli.com](mailto:3a@mannelli.com), they will check their E-mail every hour at the top of the hour while on the air. For the latest, visit: <http://www.mannelli.com/3a>. Direct QSL (SASE) for VHF QSO's (6/2 meters) via: Stefano Mannelli (IW5BZQ), P.O. Box 569, 50123 Firenze Centro, ITALY. QSL HF QSO's to: Fabrizio Vannini

(IK5GQK), via Forlanini 68, 50127 Firenze, ITALY.

### 3B6, AGALEGA

Hans-Peter, HB9BXE sent out a press release that states preparations for this DX'pedition are running according to plan. April 21st, three members of the team head for Mauritius to make final preparations on the spot. The rest of the crew departs April 28th from Zurich. The full 3B6 team of 20 operators plan to arrive on Agalega by May 3rd and be active starting May 5th for the next 12 days. They will have a huge arsenal of rigs and antennas plus four diesel generators of 5.5 kW each and their satellite activity will be the first ever from this remote place. They will concentrate on AO-10 but will also use RS-12/13 sporadically. There will be 6 Meter activity and PSK31; SSTV will also be used, but only for three days. Split operation is a must for SSTV. Their band plan is at: <http://www.agalega2000.ch/QSL's> can be sent via the bureau or directly to: Ambrosi Fluetsch, HB9AGH, Lerchenweg 29, CH 8046 Zurich, Switzerland. For USA only via N3SL: Steve & Kimberly Larson, 22 N. Hidden Acres Drive, Sioux City, Iowa 51108. There will be a log search available during and after the operation. Please check their Web page for further developments.

### 3B9, RODRIGUES ISLAND

Robert, 3B9FR has been active recently on 17 and 12 Meters with NO takers. (!) Check between 24480 and 24900 kHz around 1330z plus 17073 kHz around 0300z. He can also be found on 20, 15, and 10 Meters CW/SSB between 1230 and 1530z. QSL to Robert Felicite, Box 31, Rodrigues Island, Indian Ocean, via Mauritius.

### 3D2CI, CONWAY REEF

This operation is now QRT. The team had a bumpy trip back to Fiji due to Tropical Cyclone PAULA. The team made it back safely in spite of the terrible sea-sickness they had. The team netted 30,000 QSO's on the operation. Look for the logs at: <http://www.kragujevac.co.yu/3d2/>

### 3V8, TUNISIA (Attention YL Chasers!)

YL operator Zaida has been calling from 3V8BB around 14260 kHz between 1030 and 1300z.

### 3W, VIETNAM

Tom, 3W7CW was heard on 12 Meters at 24896 kHz between 0730 and 0830z. QSL



via SP5JTF. Jurgen, 3W9HRN continues to be very active on 10 Meter CW (as well as 15 Meters) as early as 0630z and as late as 1300z. QSL via DL1HRN. YL operator Aya, 3W2QAQ was heard on 21040 kHz at 0015z and on 7013 kHz at 1420z. Also heard was 3W2NY on 21245 between 0430 and 0530z. QSL via JHIMZG. Hans, 3W2LWS continues to be very active on 15, 20 and 40 Meters CW between 1900 and 0130z. QSL via WAILWS.

#### 4S, SRI LANKA

Nelson, 4S7NE seems to like CW on 30 and 17 Meters. He can usually be found on and around 10103 kHz after 1200z and 18075 kHz after 1830z.

#### 5R, MADAGASCAR

Stations 5R8FL, 5R8FU and 5R8GO have been active recently. Claude, 5R8GO has been heard on 20 and 10 Meters and was seen SSTV on 28680 kHz around 1245z. Ake, 5R8FU has been active on 15 & 12 Meter CW. Check 12 Meters around 0915z and 15 Meters around 1815z. QSL via SM5DJZ. Andre, 5R8FL has been active on 20 Meters (14206 kHz) around 0430z and 10 Meters (28496 kHz) around 1445z. QSL via F5TBA.

#### 6Y8A, DXU RESULTS

Kenny, K2KW reports the photos and results from the 6Y8A DX'pedition University (DXU) trip can be seen on the Web page <http://www.k2kw.com/>. DXU was the first of its kind to offer a training ground for Hams wanting to learn the art of DX'peditioning. In total, the group made over 21,000 QSO's with nearly 11,000 in the ARRL SSB Contest. The trip was a great success and they are thinking of holding another in Oct or Nov of 2001 (also to Jamaica). If you are interested, please e-mail [k2kw@prodigy.net](mailto:k2kw@prodigy.net)

#### 7X, ALGERIA

The "LNDX" reports Yannick, F6FYD will be here for the next month or so. There was no call sign or band mentioned. Mohammad, 7X4AN has been very active on 10 and 15 Meters, mostly SSB. Activity is usually between 1700 and 2200z.

#### 7Z, SAUDI ARABIA

Joe, W5FJG is expected to be active about April 15th from Jeddah as 7Z1AC. He will be working as a technician for the U.S. Consulate and expects to be here for two years. According to his Web page, Joe works both CW/SSB, but will spend 60% of his operating on SSB. He likes and

probably will spend most of his time on 20 Meters. His operating times will be Saturday through Wednesday after 1530z and Thursday and Friday (his weekend) anytime. QSL via WA4JT. More details at: <http://sites.netscape.net/joeyjeep99usa/homepage> Joe says the American Embassy in Riyadh has received permission for amateur radio operation as 7Z1AB. Listen for them to be on the air soon.

#### 9G, GHANA

Derek, 9G5MD has been very active on 15 & 10 Meters, generally between 1200-1800z. Check around 28500 and 21250 (and above). QSL via F5VCR.

#### 9N, NEPAL

Lawrence, 9N7RB in Katmandu is a good catch on 10 Meters around 28447 or 28487 kHz. Check at 1330z or after, then again at 0130z.

#### A4, OMAN

Chris, A45XR, has been playing on RTTY a lot on 40/20/15/10 meters during various times throughout the day. Check around 80 kHz from the band edge. QSL via P.O.B 2038, CPO 111 Oman.

#### AP, PAKISTAN

Hasnat, AP2HA has been active on RTTY around 21081 kHz between 1330-1430z. Bob, AP2JZB continues to be active on 12 Meters and 10 Meters. Check these bands between 1430 and 1530z around 28492 or 24946 kHz.

#### CQ3/CQ4, PORTUGAL

Cupido, CT1BNW will be active during the next CQ WPX Contest with a special call sign to celebrate "Porto 2001", the Capital European of Culture (CEC). Listen for him on CW, May 26-27th signing CQ4CEC. QSL via CT1BNW.

#### D68C QRT

This operation is now QRT. Reports indicate they exceeded 160,000 QSO's with 4,000 of them on RTTY, 1,000 on PSK31 and 3,200 on FM. It will be a while before someone breaks this record. The Five Star DX'ers Association has released a four page bulletin with details of their record breaking DX'pedition to Comoros. Because of its size, D68C Bulletin No. 6 is available for download in RTF format at: [http://www.papays.com/d68c\\_b6.rtf](http://www.papays.com/d68c_b6.rtf)

#### EA8, CANARY ISLANDS

Well known DX'er Martti Laine, OH2BH had a temporary escape from the cold of

OH-Land and was active from his Canary Island QTH as EA8BH for the ARRL DX SSB Contest. It was reported that Martti offers a drink on his account at HamCom in Arlington, Texas, June 9-10th for those who were lucky enough to work him on all six bands. See this Web page for details: <http://www.hamcom.org/>

#### EP, IRAN

Abdullah, EP2FM is a nice find on 20 Meters RTTY after 0330z. You can also catch him on 20 Meters SSB, generally after 1430z and again around 2000z.

#### EV21, BELARUS

(Arctic Expedition, "POLAR RING")

There is an expedition in the Arctic that is being helped by members of the "Activity Group of Belarus" (AGB). The operation started February 1st in Minsk (insert N5UW comment here) and will travel the southern part of the Arctic and Polar Area. The expedition will pass through Yama (R9K/), Taimyr (R0B), Yakutia (R0Q) and Chukot (R0K). Igor, EU1EU (AGB#001 - President of AGB) reports there is usually traffic being passed every Monday, Wednesday and Friday on 14120 kHz at 0500z. However, most of the information is in Russian. The operators are Yuri (AGB#124) and Vladimir (AGB#123, Leader of expedition). An award is available for working this station. Some information can be found on the web at: <http://www.qsl.net/euleu>. A link in the English language can be found at: [http://www.qsl.net/euleu/EV21AGB\\_eng1.txt](http://www.qsl.net/euleu/EV21AGB_eng1.txt). Questions and messages regarding the expedition can be sent to Igor, EU1EU at: [euleu@qsl.net](mailto:euleu@qsl.net) or Vladimir, EU1CQ, at: [eulcq@usa.net](mailto:eulcq@usa.net). (Russian preferred)

#### H40, TEMOTU PROVINCE

Ron, ZL1AMO now active as H40RW has been very active on 15 and 10m CW.

#### HA, HUNGARY

Viktor, HA5LV reports that operators in HA-Land are still waiting for permission to use 6 Meters. Any reports of activity from HA are SLIMS.

#### HK0, MALPELO ISLAND

Jairo, HK5MQZ and Hiro, HK5QGX will start operations April 10th until April 21st. They will be on all bands 80, 40, 30, 20, 17, 15, 12, 10 and 6 Meters. They will carry a HyGain TH3-MK3 Tri-Bander and home brew 3 element monobanders for 17 and 12 Meters. They will use wire dipoles on 80, 40, and 30 Meters. The group will

also use a Yaesu FL-2100B linear and two HF transceivers: One Icom model IC-706-MK2 and a Kenwood TS-430S. Jairo will be active as HK5MQZ/Ø only on SSB. QSL direct ONLY via HK5MQZ (Jairo Vargas, P.O. Box 10862, Cali, Colombia). Hiro will be active as HK5QGX/Ø and will operate CW only. QSL via his QSL Manager, JAØMGR (direct ONLY).

#### **IQ, ITALY**

The "Campania Contest Team" plans to participate in all major contests throughout 2001 with the special call sign IQ8S. QSL via IZ8DBJ (bureau or direct) to Mario Pesce, P.O. Box 15, ZIP 80070 Bacoli (NA), ITALY.

#### **JW, SVALBARD**

Per, LA3FL is active in his spare time from Hopen Island (EU-063) as JW3FL. He is the only radio operator on this little island with many polar bears. He will be here until June and was recently heard CW on 21025 kHz at 0915z and 1833 kHz from 0045 to 0330z. QSL via LA3FL.

#### **OHØ, ALAND ISLAND**

Ric, DL2VFR reports that he and Frank, DL2SWW will be active from Aland Island (OHØ EU-002) from April 14-20th and Vland Island (SM7 EU-037) from April 21-28th. Their activity will be CW, SSB and RTTY. He requests use of the questionnaire on their web page for feedback (as in, where do you need them?) <http://www.iota-expedition.com/>

#### **TX, NEW CALEDONIA**

Jacky, F2CW is now active as TX5CW. Listen for him, mainly on CW, on 30, 20, 17, and 15 Meters. QSL via F2CW.

#### **TXØ, CHESTERFIELD ISLANDS**

Jacky F2CW/ZK3CW and Dany, F5CW/FK8VHY (plus two others operators) will leave Noumea on April 24th with plans to arrive on Chesterfield by April 27th for a sked with N5UW. They leave Chesterfield on May 2nd and will have 3 stations active on 160 through 6 Meters. The call(s) requested were TXØC or TX5C.

#### **VO2, LABRADOR DX'PEDITION**

Fred, K2FRD reports he is planning a DX'pedition to Labrador. Not exactly a DXCC Entity, but an uncommon contact nevertheless. He will be operating from about June 6th through August 31st as VO2/K2FRD from a tent. His QTH is about 90km WSW of Churchill Falls, Labrador, a Province of Newfoundland,

Canada. His activity will be mainly 10, 15 and 20 Meters in that order. Suggested frequencies are: 28415, 28515, 21315, 21415, 14215 and 14295 kHz. He does plan to be active on some nets. For more details on bands, frequencies, schedules, QSL info check the Web page at: <http://sites.netscape.net/thefred3/labrl>

#### **XU, CAMBODIA**

XU7ABN has been active using RTTY on 14085 kHz between 1900 and 0000z.

#### **ZD8, ASCENSION ISLAND**

Jim, N6TJ will be active as ZD8Z May 7-17th. QSL via VE3HO (U.S. stamps OK).

#### **ZK1, NORTH AND SOUTH COOK ISLANDS**

Victor Rivera, ZK1CG on South Cook is back on the air after 10 years thanks to Roger, W7VV and Sue's kind donation of an IC-751A and G5RV. Victor will be operating all bands from 160-10 Meters. If conditions are good he will change bands so you can work South Cook on all bands. He was spotted on 20 Meters (around 14200 kHz) between 0430-0700z. QSL only direct to: Victor Rivera, P.O. Box 618, Rarotonga Cook Islands (or the info on QRZ.com Web site). Victor is clearing a backlog of old QSL's from past contacts. If you worked ZK1CG from North or South Cook Island and did not receive a card, please send again. Also, listen for Victor, ZK1CG; Tuatai, ZK1CY (ZK1MA) and members of the WDXC Club to be going to Manihiki, North Cook for the CQWW SSB Contest in October.

#### **ZWØT, TRINDADE ISLAND**

Ben, PY2KQ reports a DX'pedition to Trindade Island is planned for October. There will be two stations active for two or three days with ZWØTB on SSB and ZWØTW on CW. Ben, PY2KQ is the QSL Manager. Updates are posted at: <http://www.radiohaus.com.br/trindade.htm>

#### **ZYØ, ST. PETER AND**

#### **ST. PAUL ROCKS**

Joaquim, PS7JN reports he will be active from the Sao Pedro and Sao Paulo Archipelago beginning April 1st through April 15th as ZYØSAT during his free times in the afternoons and evenings on the HF and satellite frequencies. Suggested operating frequencies are:

HF - 3780, 7085, 14180, 21280, & 28450  
SAT - AO-10 (145.9), UO-14 (435.07), FO\_20 (435.850) and FO-29 (435.850)

His equipment will be an FT-480R, 20dB amp, XY 7+7 element, 4800 Standard, 20W PA, XY 15+15 element and an HF Atlas 210 with inverted Vee all band. The QSL Manager is PS7JN: Joaquim "Kim" das Virgens, Rua Carlos Serrano, 1969, CEP: 59076-740, Natal-RN, Brasil (Send 2 IRC and a SASE). Contributions will be welcomed.

#### **IOTA NEWS**

**AS-056** Masa, JA6GXX will be active from the Danjo Archipelago (Meshima Island), April 10-20th. This is not a DX'pedition and he will be active only in his spare time on 40 Meters and 14260 or 21260 +/- 10kHz. QSL via the Bureau.

**AS-079** Take, JI3DST/6 will be active from Miyako Island April 28th through May 6th. Activity is planned for 15, 20, and 40 Meters SSB/RTTY/SSTV. QSL via JI3DST.

**AS-155** Bob, EA7FGS on the IOTA Committee reports that Lan-Yu Island was given AS-155 and is one of the islands in Taiwan's Coastal Islands. BV9O was active from there on recent weekends.

**EU-038** The UBA section "NOK" will travel to Texel Island to take part in the 2001 IOTA Contest. During the last two years they were active using the call sign PA6TEX, but this year they applied for a shorter call with a special prefix like PF, PC, or PG to satisfy both prefix and IOTA hunters. The call will be announced when available. Activity before and during the contest will be on all bands and modes. QSL via ON4ALW: Ronald "Ron" Van Aken, Kapelstraat 5, 2330 Merksplas, Belgium (or via UBA Bureau). Please do not QSL via the DUTCH Bureau!!!

**EU-064** Jean Marc, F5SGI will be active from Yep Island (Iles de la France Metropolitaine Award AT-021) as F5SGI/p from April 14-21st. Activity will be mainly CW on all HF bands. QSL via F5SGI direct or REF French Nat'l Bureau.

**EU-065** Bernard, F9IE and Alain, F6BFH will call homecall/p from Molene Island May 2-8th. Activity will be on the IOTA frequencies SSB and CW. QSL to the bureau or via their home call signs.

**EU-174** Eddy, ON6HE; Dirk, ON5CT and Frank, ON4AAX will be active from Thasos Island between May 27th and June 3rd. Their activity will be on all HF bands,

CW and SSB. They will try to have a special call sign. QSL via the bureau or direct to ON4AAC: Frank Pletinck, Potaardestraat 72, B-9190 Stekene, Belgium.

**OC-087** Tom, K7ZZ reports that plans for the expedition to Enewetak (part of the Marshall Island group) on April 19-26th are going smoothly. An antenna mast will be loaned from Force 12, support has been obtained from the makers of Mountain House freeze dried foods, and a donation to cover part of their QSL expenses is expected from the Island Radio Expedition Foundation. The only snag has been the failure to locate a second amplifier. Although only one station will have an amplifier, two additional transceivers will be included. Antennas are a small tri-bander, a log-periodic for 10-6 Meters, and an R-7000 vertical plus a wire dipole for the lower bands. Propagation predictions show a slim chance of a 10 Meter opening into Europe, but with better chances on 15 Meters. All other areas should have lots of openings. The call sign V73E has been issued. QSL cards go to WF5T.

#### MULTI-IOTA OPERATION

Bill, VK4FW has made plans to visit three Queensland State IOTA groups within the next 2 months. He is expected to activate the North Coast (Centre) Group OC-172, the Torres Strait Group OC-138 and North Coast (North) Group OC-187. Bill expects to activate them one after another; QSL's will be handled direct only. He also hopes many of you will work him from all three locations. If you do, please include a minimum of 2 USD or 2 IRC's for the cards. His call will be VK4FW/P with more details to come as they are finalized.

#### NOTES FROM THE RAGGED EDGE:

Date: Sat, 3 Mar 2001 14:37:14 EST

The PWØS DX'pedition to St Peter and St Paul Rocks is now history. Here is a short summary of this incredible DX'pedition. Stick with me on this - it's worth the trip. "The Rocks" is actually the rim of a submerged volcano some 700 miles off the coast of Brazil in the middle of the Atlantic Ocean. The actual land mass is a small irregular broken volcanic reef. There is a reason for PYØS being number 26 on DX Magazine's "Most Needed" list for 2000. Under the best conditions it is difficult to get to, difficult to land on, difficult to find a level area to set up a station in, and just plain difficult. The risk

of damage to equipment and bodies is not insignificant. Check out the photos at <http://www.soutomaior.eti.br/mario/pagina/s/dx.htm> and you'll see for yourself.

A group of Brazilians; Jim, PY7XC; Ciro, PY7ZY and Eli, PT7BZ started out from Recife on February 3rd aboard the 49 foot motor / sailer "Old Smuggler" stopping off briefly at Fernando de Noronha for a rest and minor repairs. While there, Andre, PYØFF decided to join the group. They arrived at The Rocks on the morning of February 9th with seas much too rough to even consider landing. Imagine the frustration at arriving one of the rarest DX sites in the world with a boat full of equipment and being unable to land. Then imagine bobbing around in this small boat for three more days waiting for a break in the weather. At this point many (most? all?) of us would have said "To Hell With It" and headed for home. They didn't.

The seas subsided enough on the morning of Monday, February 12 to attempt a landing, and they were able to get some equipment ashore and operating by 2100Z. The bad weather continued with high winds, lightning, and rain frequently interrupting operations. If you were searching for them during these periods, now you know why. Because of the three day delay in landing, by Friday, February 16th the group was already way overdue getting home to their families and jobs. Supplies were running out. The weather was such that they could safely get themselves and equipment off the Rocks, and the sensible decision was made to leave. Their bad luck continued as the boat encountered problems on the way home and it was necessary for three operators to fly from Fernando de Noronha to Recife, further adding to the expense.

The final QSO count was around 7,800. Obviously, the final tally is well below expectations. But that's 7,800 contacts that would have not been made at all without incredible courage and devotion to our hobby. Many picked up an "all-time-new-one", the real objective of this operation. Others gained a rare country on a new band or mode. An effort was made to spend at least a little time on all bands and all modes, including RTTY. I have a particular respect for the DX'ers who were not in the pileups so that others could have a better shot at a new one.

Many of us have carried or shipped our FT-1000's and Alpha's to a Caribbean island or walked into a well equipped, air conditioned turnkey shack for a little fun in the sun and the thrill of being at the other end of the pile-up. Now picture the opposite end of that continuum - PWØS was a grass roots, low budget operation to one of the rarest and most uninhabitable pieces of rock in the world. Well-used equipment was scrounged together from many sources, laptops were borrowed, and favors were called-in. The call signs of these four fellows may not have instant recognition, but to me they are what DX'ing is all about.

Because of the extremely adverse conditions, PWØS expenses ran well above expectations. If you worked them, please include with your QSL request to KU9C a few extra bucks in appreciation of what these guys did for you. If you would otherwise like to show your support for this type of operation, I am consolidating contributions and will forward them to Brazil. You may also want to bring this story to the attention of your DX club as significant contributions will be noted on the QSL card. - 73 Bill W9VA / PYØZFO

**PWØS Operators:** Jim Faria, PY7XC (Leader), Ciro da Silva, PY7ZY; Eli Pinheiro, PT7BZ; Andre Sampaio, PYØFF.  
**PWØS QSL Manager:** Steve Wheatley KU9C, PO Box 5953, Parsippany, NY 07054 USA

**PWØS Coordinator:** Bill Smith W9VA, 1345 Linden Ave., Deerfield, IL 60015 USA

Note: Don't worry about the contributions exceeding expenses. If that happy event should occur, all excess contributions will go toward future PYØS/PYØT operations.

#### MISCELLANEOUS NEWS

##### 59(9) EDITOR RETIRES

The following message came from Bob, WB2YQH editor of The 599 DX Report: "After several weeks of considering all the circumstances here at '59(9)', we have decided to retire from the DX bulletin business. This was not an easy decision. We started this publication from the ground up 7 years ago. It has grown to be the largest of the U.S. paid subscription newsletters. Each issue was created with care and dedication to deliver a full and complete issue. We have sold the subscription list for all versions to Bernie McClenny, W3UR Publisher of The Daily

DX. Bernie's journalistic style closely matches ours and we are certain he will provide you with the same high quality newsletter each week. He has a solid DX background to satisfy all your DX needs. This publication will be called The Weekly DX and will be available in paper and PDF versions and he will provide you with all the details. All your subscriber information has been forwarded to him. Any renewals received here will be forwarded to him as well. We are retaining the company name and the Flying Horse Callbook business as The 59(9) DX Report - Callbook Distributor. We will continue to offer the WARC Award and the current QSL Pipeline Directory. We have enjoyed all your positive comments along the way. Thank you all for your support. A special Thank You to my wife, the creator of the layout and all the graphics, for being there every week to proofread the issue. Thanks for staying with us, it's been a great ride."

#### ALL ASIAN DX CONTEST

Suzuki, **JJ1ANW** reports The Japanese Amateur Radio League (JARL) will be sponsoring the All Asian DX Contest. For details and rules, visit the JARL site at: [http://www.jarl.or.jp/English/4\\_Library/A-4-3\\_Confests/AA\\_Rule.htm](http://www.jarl.or.jp/English/4_Library/A-4-3_Confests/AA_Rule.htm)

#### ASIAN TRIP PLANNED

Charly, **K4VUD** reports he has purchased airline tickets to Asia for early May through mid-August and plans to operate as **HS0ZCW**. He will apply for Indian (VU) and Laotian (XW) licenses and it is not likely for him to be active as/from 9N7UD nor A52UD this trip.

#### DXCC NEWS

ARRL DXCC Manager Bill Moore, **NC1L** reports that **XU7AAZ** has been approved for DXCC credit. It was on the bad list for lack of documentation. The documentation has been reviewed and OK'd. Anyone who submitted it and had it rejected can contact DXCC. Their record will be updated without re-submitting the card. Send E-mail to: [dxcc@arrl.org](mailto:dxcc@arrl.org). Otherwise, it can be included in your next submission.

We just approved **ST0P** for DXCC credit. It was on the bad list for lack of documentation since the middle of last year. The documentation has been reviewed and it is OK. People can now receive DXCC credit. Anyone who has submitted it and had it rejected can contact us and we'll be able to update their record

without having to submit the card again. If not, it can be sent in the next submission.

#### FRENCH POLYNESIA OP QRT

Eli, **HA9RE** recently active from French Polynesia as **FO0ARE** in early February, was active from Tahiti Island (OC-046, in the Windward Islands Group) February 27-28th, and again from March 6-7th. He also operated from Manihi (OC-131, in the King George Islands Group) between March 1-5th. His QSL Manager is Kari, **HA8IB**. Szabo Karoly, Aradistr. 42., H-5525 Fuzesgyarmat, HUNGARY. (QSL's via the bureau are also OK) Eli and his YL Sara, **HA9SD** plan to return to the Pacific this autumn with the Austral Islands or Marquesas being considered.

#### PACIFIC TRIP 2001

Gerard, **PA3AXU** has announced another DX trip to the South Pacific. In September he will be heading to T30, C21 and 3D (Fiji). He reports that like his last trips, this will not be a holiday but work on the radio and hopes to give everyone a new one on SSB, CW, RTTY, SSTV and/or PSK31. Gerard will start the activity on Tarawa, West Kiribati as **T30XU** September 4th. He will then travel to Nauru and sign **C21XU** beginning September 11th. Gerard will end his activity in Fiji signing as **3D2XU** from September 20-28th. For more details and updates, please visit: <http://www.qsl.net/pa3axu/2001>. Gerard asks that any comments, remarks, or suggestions for his 2001 Pacific trip be put in the guest book at his web site.

#### RRC ANNOUNCEMENT

The Russian Robinson Club is proud to announce the results of "World Robinson Cup Marathon 2000" and the rules for the upcoming "World Robinson Cup 2001". The WRC-2001 period is from April 1st through September 30th. The rules can be found on the Web at: <http://rrc.sc.ru/>. Any comments or questions are welcome via E-mail to: [wrc\\_rrc@mail.ru](mailto:wrc_rrc@mail.ru). The list of islands for the National Islands Program is available on the RRC site.

#### SPECIAL EVENTS

Listen for the special event station **IR0MA** during April commemorating the 2754th birthday of Roma. This operation will be valid for 5 points on the "Natale di Roma Award". On April 21st **IR0MA** will be active from the "Capitolium of Roma". QSL direct (only!) to **I0MWI** at his CBA.

Wim Visch, **PA3BIZ** Vice President of the VRZA, reports the Dutch Amateur Radio Society celebrates its 50th year and a special award will be issued. To qualify, contact at least four of the following special stations this year: **PI50VRZ/A**, **PI50CQP/A**, **PI50V**, **PI50R**, **PI50Z** and **PI50A**. Each week the call signs **PI50V**, **PI50R**, **PI50Z** and **PI50A** will be assigned to 4 of the 18 club stations participating in this event. QSL via the regular club station call sign. **PI4(clubcall)** so please ask, if you work a **PI50(?)** for the club station call sign. Submit a log file of the four stations you have heard / worked, signed by two other amateurs along with \$5 USD or equivalent to apply for the award. Send to: Ben Horsthuis, **PA0HOR** Fr. Halsstraat 95, 3781 EV VOORTHUIZEN, The Netherlands.

Listen for station **TM0AR** during the International Festival of Art and Technologies from May 15-27th. Activity will be on 40, 20, 15 and 10 Meters including the WARC bands. Reference DDFM - 72. QSL via F5TJC: Jean-Louis Briere-Lecomte, 18 Le Petit Saint Louis, 72400 Cormes, France.

#### LLDXT UPDATE (QTH Needed)

Rob Snieder, **PA5ET** reports "The Low Land DX'pedition Team (LLDXT) is currently planning their Caribbean Tour 2001 to Grenada (J3) and St. Vincent (J8) to be held in August and September. We are looking for excellent operating spots on both islands, preferable on the north side or on a hill with free sight to the north. The locations should at least have 2 bedrooms, big living spaces and plenty of room in the garden for Yagi, vertical, and wire antennas. If you can help, E-mail Rob at: [pa5et@muurkrant.com](mailto:pa5et@muurkrant.com). Visit LLDXT on the Web at: <http://www.qsl.net/lldxt/>

#### ARRL CONTEST CALENDAR

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

#### APRIL 9

**VHF/UHF Spring Sprints, 144 MHz**  
See April 17th listing on the next page.

#### WEEKEND OF APRIL 13-16

**Japan International DX Contest, CW**  
Sponsored by *Five Nine Magazine* from 2300Z Apr 13 until 2300Z Apr 15 (SSB Nov 9-11) Work JA's only. High bands are 20/15/10. Operate no more than 30 hours (JA's operate full 48). Single

operator multi/single band, high (>100 W) or low (<100 W) power, multi-single, or maritime mobile. Exchange RS(T) and CQ Zone; JA stations exchange prefecture number (1-50). Score 4 pts/QSO on 160; 2 pts/QSO on 80 and 10; and 1 pt/QSO on 40, 20 and 15. Multipliers are JA prefectures worked per band (max 50). Final score is QSO points  $\times$  multipliers. Electronic entries accepted. Awards. Send logs postmarked by Feb 28 (high-band, May 31; phone, Dec 31) to JIDX Contest, c/o *Five-Nine Magazine*, PO Box 59, Kamata, Tokyo, 144 Japan, or e-mail them to [jidx-log@dumpty.nal.go.jp](mailto:jidx-log@dumpty.nal.go.jp); web page at [www.jzap.com/jelcka/jidx/jidxrule-e.html](http://www.jzap.com/jelcka/jidx/jidxrule-e.html).

#### Lighthouse Spring Lites Rites QSO Party

Sponsored by the Amateur Radio Lighthouse Society (ARLHS) 2300Z April 13 to 0300Z April 23, Participants do *not* have to operate from lighthouses. All bands and all modes permitted, including PSK, repeaters and satellites, but excluding aeronautical mobile. Phone 1.970, 3.970, 7.270, 14.270, 21.370, 28.370; CW 1.830, 3.530, 7.030, 14.030, 21.030, 28.030. Exchange: Members send call, member number, name, and state / province / country; Lighthouse stations send call, ARLHS lighthouse number, name, state / province / country; Nonmembers send call, "ARLHS.COM," name, state / province / country. Score: 1 pt per QSO with Nonmember; 2 pts per QSO with member; 3 pts per QSO with lighthouse / lightship station. Contact with member at a lighthouse = 5 pts. Awards. Send logs by May 31 to Lee Graves, WA7OBH, Secretary ARLHS, 4341 SE Satinleaf Place, Stuart, FL 34997; [flgraves1@msn.com](mailto:flgraves1@msn.com); [arlhs.com](http://arlhs.com).

#### QRP ARCI Spring QSO Party, CW

Sponsored by QRP ARC International, from 1200Z Apr 14 until 2400Z Apr 15. Single band, all band, high band (20 15 10 6 Meters) or low band (160 80 40 Meters). Operate 24 hours max. Work stations once per band. Send signal report, state / province / DXCC country and ARCI number (if member), or power output (if nonmember). 1.810 3.560 3.710 7.040 7.110 14.060 21.060 21.110 28.060 28.110 50.128. Score 5 pts/QSO with ARCI member, 2 pts/QSO with nonmember on same continent and 4 pts/QSO for nonmember, different continent. Final score is QSO points  $\times$  states / provinces / DXCC countries  $\times$  power multiplier (0-

250 mW,  $\times$  15; 250 mW to 1 W,  $\times$  10; 1-5 W output  $\times$  7;  $< 5$  W  $\times$  1). Team competition. Awards. Mail entry (SASE for results) to QRP ARCI Contest Manager, Randy Foltz, K7TQ, 809 Leith St, Moscow, ID 83843 [personal.palouse.net/rfoltz/arci/arci.htm](http://personal.palouse.net/rfoltz/arci/arci.htm) E-mail to [rfoltz@turbonet.com](mailto:rfoltz@turbonet.com);

#### His Majesty the King of Spain Contest

Sponsored by Union de Radioaficionados Espanoles, 1800Z Apr 14 to 1800Z Apr 15. Single operator, multioperator and SWL. Phone and CW are separate contests and require separate logs. 80 40 20 15 10 Meters. Exchange RST and serial number, Spanish stations send RST and province. Count one point per QSO. Non-Spanish stations can only work Spanish stations, Spanish stations can work everyone. Multipliers are Spanish provinces on each band. Final score is total QSO points  $\times$  total multipliers. Awards. Send logs by May 15 to URE Contest Manager, PO Box 220, 28080 Madrid, Spain; [ure@ure.es](mailto:ure@ure.es); [www.ure.es/](http://www.ure.es/).

#### DXYL-NAYL Contest, CW

Sponsored by the YLRL from 1400Z Apr 11 until 0200Z Apr 13 (phone contest is Apr 25-27). YL's only. Send RS(T), QSO number and section / province / DXCC country. W/VE YL's work DX YL's, and vice versa. KL7 and KH6 count as DX. Work stations once per band. Score 1 pt/QSO. Multipliers are sections / provinces / DXCC countries, and count once. Stations running <150 W output (phone: 300W PEP) multiply score by 1.5. Final score is points  $\times$  multipliers  $\times$  power multiplier. Awards. Send logs within 30 days to Phyllis Shanks, W2GLB/7, 1345 W Escarpa, Mesa, AZ 85201-3853; [www.qsl.net/~ylrl/ylcontests.html](http://www.qsl.net/~ylrl/ylcontests.html) E-mail to [pshanks1@juno.com](mailto:pshanks1@juno.com)

#### Low Power Spring Sprint

Sponsored by the Slovak ARA, 1400Z-2000Z Mon Apr 16. CW only, 160 80 40 20 15 10 Meters on IARU recommended contest band segments. Single op only: single band, three bands, all bands. Exchange RST, Maidenhead grid square and power category (A = <1 W; C = <5 W; Q = <25 W; X = <50 W; Y = <100 W). Count 3 pts/QSO with own continent, 9 pts/QSO with other continents and 18 pts/QSO with OM stations. Multipliers are grid squares plus and prefixes (WPX rules) worked per band. Final score is QSO pts  $\times$  multipliers. Send entries within 30 days to

SS Contest, Radioclub OM3KFV, PO Box 129, 036 01 Martin 1, Slovakia.

#### APRIL 17

##### VHF/UHF Spring Sprints

Sponsored by the East Tennessee DX Association. (Other Spring Sprint dates are 144 MHz, 7 PM to 11 PM local time on Mon, Apr 9. 222 MHz on Tue, Apr 17; 432 MHz on Wed, Apr 25; 902 MHz/1296 MHz/2304 MHz on Sat, May 5; and 50 MHz on Sat-Sun, 2300Z, May 12 to 0300Z May 13.) The 902 MHz, 1296 MHz, and 2304 MHz Sprints will run simultaneously on Sat, May 5, 6 AM to 1 PM local time; you may work any five consecutive hours during this time period. The 902, 1296 and 2304 MHz Sprints are separate, but run concurrently. The usual VHF/UHF rules apply. Exchange grid-square locations, signal reports optional. Score 1 pt per valid QSO. Final score is QSO pts  $\times$  grid squares. Contests are separate; there is no accumulation of scores. Logs must indicate time, call sign and complete exchange for each valid QSO. Multipliers must be clearly marked in the log. Submit separate log and summary sheets for each Sprint entered. Awards. East Tennessee DX Assn, 1620 Hidden Hills Dr, Clinton, TN 37716; [vhfdx@etdxa.org](mailto:vhfdx@etdxa.org); [www.etdxa.org/](http://www.etdxa.org/).

#### WEEKEND OF APRIL 21-22

##### Michigan QSO Party

Sponsored by the Mad River Radio Club, from 1600Z April 21 until 0400Z April 22. Stations may operate the full 12 hours. Phone and CW on 80/40/20/15/10 Meters. Single-op, multiop, and mobile categories. Work stations once per band and mode. MI-to-MI QSO's allowed. Work portables and mobiles again as they change county, state or province. Exchange QSO number and location (county for MI stations, state / province or "DX" for others). Suggested frequencies: CW-3545, 7045, 14045, 21045, 28045; Phone-3850, 7225, 14250, 21300, 28450. One point per phone QSO, two points per CW QSO. Count multipliers once per mode. Multipliers are MI counties for all entries, plus states & provinces for MI entries only. Final score is total QSO points  $\times$  total multipliers. Mail logs no later than 30 days after the contest to: Mad River Radio Club, c/o Dave Pruett, 2727 Harris Rd, Ypsilanti, MI 48198; [MQP@contesting.com](mailto:MQP@contesting.com); [www.qsl.net/mrrc/mqp.html](http://www.qsl.net/mrrc/mqp.html).

##### Ontario QSO Party



Sponsored by the Ontario DX Association, 1800Z Apr 21 to 1800Z Apr 22. Phone and CW, 160 80 40 20 15 10 Meters and all VHF/UHF bands (no repeater QSO's and keep 146.52 MHz clear). Categories: Single operator low power (<150 W on HF and <50 W on VHF/UHF); single operator high power; single operator, single and mobile; HF QRP (<5 W); VHF/UHF FM QRP (<5 W); multi-operator; CW, SSB or mixed mode. Exchange signal report state / province / DXCC country. Ontario stations exchange signal report and county / district / regional municipality. Work Ontario stations only (Ontario stations work everyone). Work mobile and rover stations again as they change county / district / regional municipalities. Work stations once per band. Count 1 pt/HF SSB, 2 pts/HF CW, 5 pts/contacts on VHF/UHF bands, 10 pts (each band) for working VE3ODX and VA3RAC. Multipliers are Ontario county / district / regional municipalities (for Ontario stations: county / district / regional municipalities, and state / province / DXCC countries) worked on each band. Final score is total QSO points  $\times$  total multipliers worked (max 48). Awards. Send logs by May 31 to Ontario DX Association, Box 161, Stn A, Willowdale, ON M2N 5S8 Canada; [ve3sre@rac.ca](mailto:ve3sre@rac.ca); [www.odxa.on.ca/oqphome.html](http://www.odxa.on.ca/oqphome.html).

#### The TARA PSK31 Rumble (The Spring Wakeup)

Sponsored by Troy ARA, 0000-2400Z Apr 21, PSK only. 80 40 20 15 10 6 Meters. Work stations once per band. Exchange name, state / province / DX send DXCC prefix. Operate 1 of 6 categories: Club Challenge (whatever it takes to win!); Normal (100 w max); Great (20 W max); Super, 5 W max); Novice or SWL. Final score is QSO's  $\times$  (W + VE + JA + VK call areas + 1 point per DX incl. your own). Multipliers count once per band. Scores must be received via online submission at [www.qsl.net/wm2u/score.html](http://www.qsl.net/wm2u/score.html) or you can e-mail your logs to [wm2u@n2ty.org](mailto:wm2u@n2ty.org) by May 19th.

#### Holyland DX Contest

Sponsored by the Israel ARC, from 1800Z Apr 21 until 1800Z Apr 22. 160 80 40 20 15 10 Meters. Single op all band (mixed, CW or Phone), multi-single and SWL. Send RS(T) and serial number (Israeli stations send RST and area). Work Israeli stations only. Work stations once per band and mode; no crossband or crossmode

contacts. Score 2 pts/QSO on 160 80 40 meters, and 1 pt/ QSO on 20 15 10. Final score is QSO points  $\times$  Israeli areas worked per band. Awards. Send logs by May 31 to Israel ARC, PO Box 17600, Tel Aviv 61176, Israel. [hamradio.iarc.org/main.html](http://hamradio.iarc.org/main.html)

#### APRIL 25

##### 432 MHz Spring Sprint

See April 17th listing on previous page.

#### APRIL 25-27

##### DXYL-NAYL Contest, Phone

See April 13-16th listing on previous page.

#### WEEKEND OF APRIL 28-29

##### Florida QSO Party

Sponsored by the Florida Contest Group, 1600Z Apr 28 to 0159Z Apr 29 and 1200Z-2159Z Apr 29. 20 hours total time. 40 20 15 10 Meters. Categories: single op, mobile (single op or multiop), Technician (mixed mode, phone only, CW only); multi-single and multi-multi (mixed mode only; max 1 signal per band); school (university, college, high school, etc). Three power classes for all categories: QRP (<5 W), low power (<150 W) and high power (>150 W). Exchange signal report and state / province (DX stations send DX); Florida stations send county. Work stations once per band and mode. Work Florida mobile stations again as they change county. Count 1 pt per phone QSO, 2 pts per CW QSO. Multipliers: for Florida stations, all 50 states and all Canadian provinces; DXCC entities (except W, VE, KH6, KL7). All others count Florida counties (67). Count multipliers once per mode. Final score: Multiply QSO points by total multipliers by the power multiplier (<5 W,  $\times$  3; <150 W,  $\times$  2; >150 W,  $\times$  1). Logs must be postmarked by May 29th. Send your entry to Florida QSO Party, c/o Ron Wetjen, WD4AHZ, 5362 Castleman Dr, Sarasota, FL 34232; [FLQSOParty@aol.com](mailto:FLQSOParty@aol.com); [www.qsl.net/fqp/](http://www.qsl.net/fqp/)

##### Nebraska QSO Party

Sponsored by the Nebraska QSO Party Group, from 1700Z Apr 28 until 1700Z Apr 29. Single op, multi-single, mobile and Technician. Send RS(T) and state / province / DXCC country (NE stations send county). Work stations once per band and mode. CW - 1.805 and 60 kHz up from band edge; Phone - 1.865 3.860 7.260 14.260 21.360 28.360 146.46; Technician - 28.380 and 10 kHz up from band edge. Score 1 pt per phone, 2 points

per CW QSO. NE mobiles may add 50 QSO pts for each county operated from; NE portables may add 100 QSO pts for each county operated from (excluding county of residence). Work mobiles / portables again as they change county. Final score is QSO points  $\times$  power multiplier  $\times$  NE counties (max 93); NE stations multiply by states (50), provinces (8) and DXCC countries (max 35) for a possible maximum of 93. Power multiplier is based on transmitter power output. If all QSO's are made using 5 W or less, multiply QSO points by 3; using less than 150 W, multiply by 2; using more than 150 W, multiply by 1. Club Competition (3 entries min). Awards. Send logs by May 31 to Nebraska QSO Party, PO Box 375, Elkhorn, NE 68022-0375; [hdxa@qsl.net](mailto:hdxa@qsl.net); [www.qsl.net/hdxa/neqso/neqso.htm](http://www.qsl.net/hdxa/neqso/neqso.htm)

##### Six Meter Sprint

Sponsored by Six Club, 2300Z Apr 28 to 0400Z Apr 29, 6 Meters only. Exchange grid square. Count 1 point for each QSO in your country and 2 points for QSO's outside your country. Hawaii and Alaska are separate countries. Final score is total QSO points  $\times$  total number of grid squares worked. Awards. Send logs before May 27 to Six Club, PO Box 307, Hatfield, AR 71945; [6mt.com/contest.htm](http://6mt.com/contest.htm) [sixclub@6mt.com](mailto:sixclub@6mt.com)

##### W1AW Qualifying Runs

9 AM EDT, Tuesday, April 3, and 4 PM EDT, Wednesday, April 18. The K6YR West Coast Qualifying Run will be at 9 PM PDT on Wednesday, April 4. Check the W1AW schedule for details.

#### MARCH / APRIL SUMMARY

(Courtesy Of Bruce Horn, WA7BNM)

#### APRIL, 2001

SLP Competition (SWL)	0000Z, Apr 7	2400Z, Apr 8
SP DX Contest	1500Z, Apr 7	1500Z, Apr 8
EA RTTY Contest	1600Z, Apr 7	1600Z, Apr 8
QCWA QSO Party	1900Z, Apr 7	1900Z, Apr 8
UBA Spring Contest, SSB	0600Z	1000Z, Apr 8
DX YL to NA YL Contest, CW	1400Z, Apr 11	0200Z, Apr 13
Japan International DX Contest, 20-10m	2300Z, Apr 13	2300Z, Apr 15
Lighthouse Spring Lites Rites QSO Party	2300Z, Apr 13	0300Z, Apr 23
MARAC County	0000Z,	2400Z,

Hunter Contest, SSB	Apr 14	Apr 15
QRP ARCI Spring	1200Z,	2400Z,
QSO Party	Apr 14	Apr 15
EU Spring Sprint,	1500Z	1859Z,
SSB		Apr 14
His Majesty King	1800Z,	1800Z,
of Spain Contest	Apr 14	Apr 15
TARA Spring		
Wakeup PSK31	0000Z	2400Z,
Rumble		Apr 21
YU DX Contest	1200Z,	1200Z,
	Apr 21	Apr 22
EU Spring Sprint,	1500Z	1859Z,
CW		Apr 21
Michigan QSO Party	1600Z,	0400Z,
	Apr 21	Apr 22
Holyland DX Contest	1800Z,	1800Z,
	Apr 21	Apr 22
Ontario QSO Party	1800Z,	1800Z,
	Apr 21	Apr 22
Harry Angel	1100Z	1246Z,
Memorial Sprint		Apr 25
DX YL to NA YL	1400Z,	0200Z,
Contest, SSB	Apr 25	Apr 27
SP DX RTTY	1200Z,	1200Z,
Contest	Apr 28	Apr 29
Helvetia Contest	1300Z,	1300Z,
	Apr 28	Apr 29
Florida QSO Party	1600Z,	0159Z,
	Apr 28	Apr 29
		and
	1200Z	2159Z,
		Apr 29
Nebraska QSO Party	1700Z,	1700Z,
	Apr 28	Apr 29
Six Club Sprint	2300Z,	0400Z,
	Apr 28	Apr 29

**MAY, 2001**

North American	0000Z,	2359Z,
HSMS Contest	May 1	May 9
AGCW QRP/QRP	1300Z	1900Z,
Party		May 1
MARAC County	0000Z,	2400Z,
Hunter Contest, CW	May 5	May 6
IPA Contest, CW	0000Z	2359Z,
		May 5
SLP Competition	0000Z,	2400Z,
(SWL)	May 5	May 6
10-10 Int. Spring	0001Z,	2400Z,
Contest, CW	May 5	May 6
Indiana QSO Party	1400Z,	2300Z,
	May 5	May 6
Massachusetts QSO	1800Z,	0400Z,
Party	May 5	May 6
		and
	1100Z	2100Z,
		May 6
ARI International	2000Z,	2000Z,
DX Contest	May 5	May 6
IPA Contest, SSB	0000Z	2359Z,
		May 6
Nevada QSO Party	0000Z,	0600Z,
	May 12	May 13
VOLTA WW	1200Z,	1200Z,
RTTY Contest	May 12	May 13
Oregon QSO Party	1400Z,	0200Z,

May 12	May 13
FISTS Spring Sprint	1700Z - 2100Z,
	May 12
CQ-M International	2100Z,
DX Contest	May 12
Manchester Mineira	1500Z,
CW Contest	May 19
	May 20
Baltic Contest	2100Z,
	May 19
CQ WW WPX	0000Z,
Contest, CW	May 26
Anatolian RTTY	0000Z,
WW Contest	May 26
	May 27
	2400
ARCI Hootowl Sprint	2000 - local, May
	27
MI QRP Memorial	2300Z,
Day CW Sprint	May 28
	May 29

**Doctor DX**

Oh sage and visionary diviner of the fates, tell me what's THE NEXT BIG THING in technology... *Signed, HAL9000*

**Dear Bit-Breath:**

Could you do the lip-reading thing and say "I'm sorry, but I can't do that, Dave"? It always brings Goosebumps. And speaking of reality catching up with fiction, the National Weather Service (Tulsa, 162.550 MHz) has an automated voice reading the forecasts that sounds fairly good. Who knows when we'll take the next step to...

**Computers Improve In Responding to Spoken Commands**

By Verne Kopytoff, Chronicle Staff Writer

To dial, he simply presses a button and says "November Five United Whiskey" into the receiver. Once connected to Earlsboro, he speaks to an automated voice that notes which DXCC Entity he wants and which band, mode and path it should be worked on. This is the future imagined by many telecommunications analysts & executives. Voice recognition technology will be widely used, they say, to dial telephones, answer caller questions and take retail orders. "I think it will become commonplace," said Seamus McAteer, a telecommunications industry analyst for Jupiter Research of New York. "We've seen the technology improve over the years, and it can handle my EI3 Irish accent without difficulty."

The so-called future is already a reality to a limited extent. An array of companies have adopted voice recognition technology to give consumers access to news, commerce, e-mail and driving directions. People seeking flight times on American Airlines' toll free number, for example,

speak to a computer rather than a human operator. Charles Schwab customers can trade stocks by telling an automated telephone attendant "buy" and "sell." During the past year, several new companies like BeVocal and TellMe have increased the visibility of voice recognition by creating so-called voice portals. These toll-free telephone numbers allow callers to get information like stock quotes, e-mail, traffic reports, restaurant reviews, and band openings by giving verbal commands.

In some cases, speech recognition is quicker than touch tone. For example, getting flight times for a city serviced by American Airlines is faster by saying the city's name than spelling it using a telephone dial pad. Charles Schwab, the San Francisco stock brokerage, first used voice recognition in 1996 to give customers stock quotes. In October, the company added stock trading and secret code registration after the technology became more reliable. Cellular telephone firms are particularly interested in offering voice recognition features. They see them as a way to charge extra fees, increase user loyalty and encourage subscribers to spend even more time on the telephone.

Mark Robinson, director of market development for Sunnyvale's BeVocal, said voice recognition will be expanded to include more complex features like interactive gaming, bill inquiries, sports event ticketing and book sales. However, one thing Robinson said will fail is automated voices reading entire Web pages. The quality of such voices, he said, is too robotic to become popular with consumers.

Despite the anticipated growth of voice-recognition technology, human operators will still be necessary, experts say. They are the only ones who can handle more complex calls like dealing with a billing mistake, taking a car accident report for an insurance claim, or working a pileup.

**3G Wireless Moves Ahead**

By Peter J. Howe, Boston Globe

What broadband did to dial-up Internet access, 3G promises to do to wireless communications. Just don't hold your breath waiting for it to happen -- at least in this country.



Around the world, wireless companies are pouring tens of billions of dollars into constructing third-generation, or 3G, networks. First-generation networks were 1980's-era, plain old analog phone service, and the second were digital or PCS systems that can offer rudimentary data services at tooth- extraction-slow speeds of 10 to 14 kilobits per second. The kinds of services promised by 3G networks are similar in some ways to broadband desktop computer services: blazing fast data downloads, anywhere from 384 kilobits to 2 Mbps, and an always-on connection making it suitable to take your office computer on the road.

As with most things wireless, Japan and Scandinavia are expected to lead the way in 3G, in part because usage of wireless devices there is far higher than in the United States. Also, they use only one or two technology standards for wireless, rather than the profusion of incompatible systems in the United States. Later this year, the first 3G devices are expected to hit the market in Japan, where more than 5 million people have flocked to the I-Mode, which allows access from phones to e-mail, Web sites, and idiosyncratically Japanese things like daily cartoon downloads and video fishing games.

Similar rollouts may follow in Europe in 2002 and 2003, but it could be years later before third-generation service becomes common in the United States. The service uses shoebox-size transmitters mounted on city telephone poles to allow wireless access up to 144 kilobits per second.

#### Mobile Cell Phone Concerns

By Benny Evangelista, Chronicle Staff Writer

Major automakers like General Motors and Ford are rolling out new high-tech wireless services designed to keep road warriors in touch with their world. But the widespread use of cell phones by drivers and the rapidly growing installation of wireless Internet services in new cars is also increasing the public outcry over the potential dangers posed by driving while under the influence of a cell phone. 38 states have bills pending related to the use of cell phones while driving, said Matt Sundeen, senior policy specialist with the National Conference of State Legislatures.

But so far, Sundeen said, calls for cell phone bans haven't been politically popular, since about 85 percent of the 90 million people with cell phones use them while driving. In fact, none of the 27 states that considered cell phone and driving bills in 2000 actually passed a law. This year, two bills nationwide have already died in committee and "most bills are struggling to make it through committee," Only California, Florida and Massachusetts have enacted any laws related to cell phone use in cars.

There is conflicting research and insufficient data about cell phones and accidents. Only four states -- Minnesota, Montana, Oklahoma and Pennsylvania -- require law enforcement officials to track the involvement of cell phones in traffic accidents. A 1997 study published in the New England Journal of Medicine reported hands-free phones did not increase driver safety because just the act of talking on the phone while driving diverted drivers' attention. A January 2001 study by the Centre for Research on Transportation at the University of Montreal concluded wireless phone users

were 38 percent more likely to have an accident than drivers who didn't use their phones. The study also said the risk doubled with motorists who are frequent callers. Yet a 2000 study by the Harvard Center for Risk Analysis said that the risks have not been clearly defined. The study, *funded by a grant from AT&T Wireless*, estimated the chance of having a fatal accident while driving and using a cell phone was about 6.4 in 1 million per year, not enough to outweigh the benefits.

#### Wireless Rules of the Road:

The Cellular Telecommunications & Internet Association has published a list of basic, common-sense safety tips to follow:

- Learn to take advantage of features such as automatic redial, memory and speed dial.
- When available, use a hands-free device.
- Position your wireless phone where you can grab it while watching the road. Let your voice mail answer an incoming call at an inconvenient time.
- Let the person you are speaking with know you are driving, and if necessary, suspend the call during hazardous driving conditions.
- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess traffic; if possible, place calls when you are not moving or before pulling into traffic. If you need to dial while driving, dial only a few numbers, check the road and your mirrors, then continue.
- Do not engage in stressful or emotional conversations.
- Use your wireless phone to call for help. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency.

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

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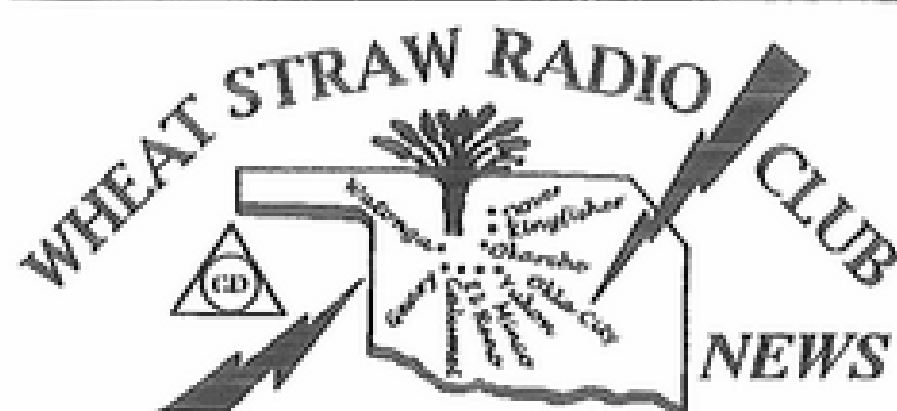
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Want to become a member of the OKDXA? Contact Jerry Chouinard, K5YAA, 7477 Heather Dr. Claremore, OK 74017

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

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

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



## Wheatstraw Amateur Radio Club

The Wheatstraw club meeting was held in Calumet, in the City Hall. Some of us like to have gotten lost. If you go east on 33 High Way to the blacktop road that goes south to Calumet. The bridge is still out just about a mile north of town. Anyway I got so disgusted I thought about turning around and coining back home.

Leo, WZ5H, called the meeting to order. After self-introductions, the minutes of the previous meeting were read with no additions or corrections. They stand as read. New business Verna, KC5HKD, asked if the club would like to buy a poppy board from The American Legion Post 34. Wanda, KC5GTW, made a motion that the club buy one, which was seconded by Ray, AB5Z. The motion carried. Margaret, WA5RLP, made a motion that each person donates what they wished in order to buy the poppy board. This motion was seconded by Earnie, KC5VICF and the motion carried. A hat was passed to collect the money. When the money was counted, Verna got fifty-two dollars for the board.

We had seventeen members present at the meeting. The April 8th meeting will be at Dover, ten miles north of Kingfisher. On the north side of the U.S. Post Office turn east. The meeting will be in the fellowship hall, the first door east of the Christian Church.

As of now the May meeting will be May 20th because Mother's Day is on May 13th. We do not have a meeting on Mother's Day, but on the Sunday following which is the 20th. It will be in the Red Rock Canyon south of Hinton. Go South across the main part of town and follow the highway. As you leave the outskirts of town, look to the left side of the road. You can see the Sign. Drive through the park. Watch for the Wheatstraw car. Use your two-meter

radio on 146.52 simplex to ask for members of the Club. The net control for Dover will be Ralph WA5PFK.

## ECISD CAREER CENTER ODESSA, TEXAS

After the Christmas Holiday, John Ralph and I got a chance to visit this school. Tile ECISD stands for Ector County Independent School District. It has freshman through senior year grades. Besides earning the high school graduation, there are about 125 specialized careers to choose from, if you choose to working on a career at that time. It is the greatest opportunity for high school students I have ever known.

First we went to the dining room to have our lunch. Then my daughter-in-law Linda took us on a short tour. Linda needed to get back to her classroom, so another teacher stood in for her. Linda teaches a career instructor. Administrative Procedures II/ Accounting and Legal. We went up about five steps to put us on the split-level. Going to the west of the kitchen to a solid plate of glass. That let us see all through the kitchen. Every pot and machine was made of stainless steel. When lunch was over all of the cooking class grabbed the cleaning equipment and they shined every machine including mopping the floors. The kitchen looked so nice and shiny clean.

Next, we went to the print shop class. It was a room out in the open space. Instead of having walls built into a room, it was surrounded by counters with plate glass up above the heads of the students. They print for the school, and anyone who wants printing done. I would think outsiders pay for the work they have done. Every student was working hard like they were behind schedule.

The next visit was the electronic center. When the teacher was asked, "What kind of work do you do here?" he said, "If anyone comes in wanting something electrical made, we make it, or if they want it repaired, we will repair it for them."

In their classroom they seemed to have all kinds of testing equipment. Students were testing their work step-by-step as they were building or repairing. We did not speak directly with any of the students,

because they were in class. Odessa has over 100,000 population. The school has many Business Partners . . . whose work sites provide real world learning environments. They mentor their interns to assure student growth. This would include orientation and training in their particular job.

Employers will be expected to pay at least minimum wage and provide no more than 20 hours per week employment. The business partner provides feedback and documentation for grading purposes to the teacher. Also, exit interviews.

Example: Senior Graphic Arts Students received a certificate of Readiness for being competent in 25 separate positions. Among these are business communications, public speaking composition and design, graphic photo scanning and manipulation, presentations, production artist and graphic designer. My greatest impression of the Career Center was the relationship among the working togetherness of the students. The relationship from students to their teachers, and teachers to students. When we sat down at the table in the dining room, two students were quickly there. One reclined the table, which was already clean. The other student asked, "If we would like to have menu's." When we got our lunch the waiter asked if, "Is everything all right?" Another attentive waiter came by to ask if we "needed anything else, and if every thing was all right?"

When most people were through eating their lunch, the teachers seemed to gather around our table. My daughter-in-law introduced us to the teachers they visited. They showed how proud of their students they were. The teacher of the cooking class was thrilled . the class had started doing catering to groups. One event served over 300 people. The teacher said, "It all went off so beautifully."

All of the teachers were very proud of their students, and what they were doing. There was so much love and respect between teachers and students.

Ralph, WA5PFK



## Choctaw Amateur Radio Club

Choctaw Amateur Radio Club (CARC) Regular Monthly Meeting was held on March 19, 2001 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 the Club President, Chuck Kanach, KC5EZZ at 7PM. Followed by the Pledge of Allegiance. Members introduced themselves for the roll Call. There were 14 members and 1 guest present. Dave Downing, WD5G, introduced his guest Jim Grant, KD5MZW.

### Reports:

Secretary's report was accepted as published.

Treasurer's report was accepted as given.

YL report- no new members or XYL's checked in

Presidents message- reminding everyone to invite people to the meetings, whether they are hams or even your next door neighbor.

### Old business:

CARC luncheon - The luncheon on Saturday March 10 was attended by 20 members and spouses. Pictures were taken and put on Zing.com. The April coffee will be on April 14th at 9:45 am at Bruce's Truck Stop, Choctaw Road and I-40.

Vo-Tech Antenna - Weather and an emergency out of state prevented this to be done. Action will be taken when all of the committee can get together.

Field Day List - Pass the field day list back to Chuck KC5EZZ or send him an email with the information.

Tower Work Day - March 31 at 8:30 is the day to work on the holes for setting the tower. Bring gloves and be prepared to work. There will be a trencher rented for the weekend. In case of bad weather, the date will be moved to the next Saturday.

GPS Hunt - Dave, WD5G, gave a short report on the GPS hunt. 11 members participated.

VE Testing - Bill, N9SQV, reported on the VE testing and different licensing involved. Cost of the testing has gone to \$10.00. He will check with the school and see if one of the Thursday evenings would be available for this. Hopefully toward the end of May.

CORA meeting - The next CORA meeting will be held March 24th at Spencer's on NE 23rd. Chuck, KC5EZZ, Bill, N9SQV, and Norm, W5FLO will attend the business meeting.

Rt. 66 - The dates for Rt. 66 will be September 8 - 16th, more information at a later date.

### New business:

Field Day - T-shirts and pins. Chuck, KC5EZZ, is taking orders for those shirts and pins. He will send out a URL so that members can look at the shirts and pins.

Extra points will be given if someone from the Government is invited and attends the field day. Larry, K5VVD, is in charge of that.

Field Day rules can be downloaded, Chuck, KC5EZZ, will send out the URL.

Volunteers needed for the Murrah Memorial Marathon run, April 29, 2001. The information is in the C&E for a contact if anyone is interested.

### Program:

Dave, WD5G, talked about the GPS Hunt, the different things that happened along the way. How we all learned about the GPS's and some different things that can be done on the next one. Also mentioned was a way that the members at home could participate also. This would include the members who have GPS systems that need a computer to operate. July was mentioned for the next GPS hunt. Because of the variety and ages of the GPS systems

the members have, the latitude and longitude need to be written as degrees, minutes, and seconds.

Next month's program - PSK31 presented by Don N5ENQ

Our guest for tonight decided to become a member, so we welcome Jim KD5MZW to our group.

Meeting adjourned at 8:24 PM

Respectfully submitted

Kay Holzman, KB5VJR  
CARC secretary

### The First Ever GPS Hunt For CARC

The first ever GPS hunt for CARC was held on Saturday March 3, 2001. All met at the parking lot at Target in Midwest City.

Dave Downing was in charge of it, and found places to put the papers that would tell the hunters where to go next. All of it was in latitude and longitude. He handed out the first set of numbers, and sent each team on its way, in 5-minute intervals.

It was a great way to learn how to use the GPS. The newer GPS systems handle a variety of ways to put in the lat./long, but the older ones have to be changed to degrees, minutes, and seconds. So, some had problems, but all found the last one.

Everyone met at the Inner Urban restaurant and had a great lunch and talked about the use of the GPS. Everyone thought that this GPS hunt was a success.

Not all who signed up were able to go, but some listened on the radio and worked with their GPS.

Those who attended were: Dave, WD5G and Vickie Downing, OJ Watkins, WB5SRX, Larry Brewer, K5VVD, Mike McFarland, N5NWT, Duane Angles, KA5WRG, Toby Vasbinder, KC5DZJ, Bill Crossland, N9SQV, Walt Diehl, KA3AMK, and Chuck Kanach, KC5EZZ. Kay Holzman, KB5VJR participated via the radio.



## A. R. R. L. Bulletins

**From:** ARRL Headquarters  
Newington, CT  
**To:** All radio Amateurs

**Special Bulletin 6**  
March 23, 2001

### Ham radio aids high seas rescue

Amateur Radio operators assisted in a high seas rescue operation after pirates attacked a private sailing vessel March 20 off Venezuela. The as-yet-unidentified skipper reportedly was shot, and his wife summoned help via the Maritime Mobile Service Net on 20 meters. The victim was reported to be recovering in a Trinidad hospital.

The incident in the Caribbean occurred some 3200 km east-southeast of a similar pirate attack nearly a year ago. In that incident armed marauders shot young Willem van Tuijl from the Netherlands, who was sailing with his parents.

According to Coast Guard Lt. Jose Diaz, KP3J, of the Rescue Coordination Center in San Juan, Puerto Rico, the 44-foot ketch Lorna, of Swedish registry, was enroute to Trinidad and Tobago when pirates attacked some three nautical miles offshore. The husband was shot once in the abdomen.

The pirates destroyed the VHF radio, so the woman activated an emergency locator transmitter (ELT). The San Juan Rescue Coordination Center received ELT "hits" from the Lorna and notified Venezuelan authorities.

Word arrived at Miami Coast Guard some 90 minutes later from the Maritime Mobile Service Net's Mike Pilgrim, K5MP, of a distress call from the Lorna on 14.300 MHz. Miami Coast Guard forwarded the information to the San Juan rescue center. Diaz tuned to 14.300, where Bobby Graves, KB5HAV, Dave Dalziel, N4ICE, and Jim Hirschman, K4TCV—a physician who had assisted in the van Tuijl pirate attack last year—already had activated an emergency net. An amateur in Trinidad, Eric Mackie, 9ZACP, also assisted in

communications.

Among those standing by on frequency were Ed Petzolt, K1LNC, in Florida, and Hector Godoy, HR3HGB, in Honduras, both of whom were instrumental in the van Tuijl rescue operation a year ago. The amateurs on 20 meters were able to calm the woman aboard the sailboat and provide medical counseling.

Diaz got permission from Venezuela to allow a vessel from Trinidad to assist, and a Venezuelan Navy vessel arrived on scene simultaneously with a Trinidad Coast Guard fast boat, with medical personnel. Trinidad medical personnel and crew took control of the sailboat from the shaken and exhausted victim's wife.

High seas made it too risky to move the victim. Instead, the Swedish sailboat continued on to Trinidad escorted by the Venezuelan Navy vessel and the Trinidad CG cutter.

Diaz credited amateurs with doing "a tremendous job" in helping to keep the injured man's wife calm and to relay information for the US Coast Guard to her and for maintaining order on frequency.

**ARRL Bulletin 11**  
March 23, 2001

### Amateur Radio Spectrum Protection Act Introduced In Senate

The Senate version of the Amateur Radio Spectrum Protection Act of 2001, introduced earlier this month in the US House, now is officially S.549. Republican Sen Michael Crapo of Idaho introduced the bill in the US Senate March 15.

Democratic Sen Daniel Akaka of Hawaii was a cosponsor. The bill has been referred to the Senate Commerce, Science, and Transportation Committee. In introducing the Senate measure again this year, Crapo and Akaka referred to the importance of Amateur Radio in providing communication in times of disaster

S.549 is identical in its wording to H.R.817, introduced in the House of Representatives March 1 by Rep Michael Bilirakis of Florida. If approved by both chambers and signed by Pres George W. Bush, the Spectrum Protection Act would require the FCC to provide equivalent replacement spectrum should it ever reallocate primary Amateur Radio

spectrum to another service. The same requirement would apply if the FCC acted to diminish any secondary amateur allocations or to make additional allocations in ham bands that diminish their utility.

Bilirakis and Crapo introduced the Spectrum Protection Act in a past session of Congress at the request of the ARRL. The League's Legislative and Public Affairs Manager Steve Mansfield, N1MZA, says he's encouraged by the fact that the Spectrum Protection bill is getting a head start with early introduction in both chambers this time around.

More information on the Spectrum Protection Act, including the full text of the bills, is available on the ARRL Web site,

[www.arrl.org/govrelations/arspa.html](http://www.arrl.org/govrelations/arspa.html)

**ARRL Bulletin 10**  
March 15, 2001

### FCC Denies LA County 2.4 GHz Application, Cancels Experimental Grant to City

Following objections from the ARRL, AMSAT and others, the FCC has turned down an application from Los Angeles County, California, for an experimental license permitting airborne microwave TV downlinks (TVDL) in the 2402-2448 MHz range. The FCC also canceled an experimental license grant to the City of Los Angeles to operate an identical TV downlink system in same band.

Amateurs have a primary domestic allocation at 2402-2417 MHz and a secondary allocation in the rest of the affected band.

"Experimental licenses are not substitutes for regular radiocommunication service licenses," said Charles Iseman, deputy chief of the Electromagnetic Compatibility Division in the FCC's Office of Engineering and Technology. OET issues all experimental licenses.

The ARRL, AMSAT and the Amateur Television Network had asked the FCC to deny the County's application. ARRL members Art McBride, KC6UQH, and Thomas O'Hara, W6ORG, also filed informal objections. The League, AMSAT and ATN also had objected to the City's experimental grant. The FCC gave the City until December 1 to terminate its operation but reserved the right to

accelerate the cancellation date if interference occurs.

The LA County proposal, filed in August 1999, sought FCC authorization to develop a TVDL system on four 2.4 GHz channels for deployment aboard sheriff's and fire department airborne units. The FCC granted the City's WB2XEN experimental license based on a similar submittal.

In protesting the County's plan, the ARRL called the application a "foot in the door" toward gaining a permanent berth in the 2.4 GHz band. The County and the City already are authorized to operate TVDL systems under Part 90 rules in the 2.450-2.483.5 GHz band, but both told the FCC that they had experienced coordination and interference problems and sought the experimental TVDL authorization as a result.

In light of the denial and the cancellation, the FCC did not address potential interference issues raised by the objectors.

#### **ARRL Bulletin 9** March 14, 2001

##### ARRL 160-Meter Band Plan Committee seeks input

ARRL President Jim Haynie, W5JBP, has selected five amateurs to serve on the ad hoc 160-Meter Band Plan Committee. The panel is open for input from the amateur community regarding the current 160-meter band plan and recommendations for changes. The ARRL Board of Directors approved formation of the committee at its annual meeting in January.

"With the ever-increasing activity on 160, it is time to revisit the band plan," said ARRL Delta Division Director Rick Roderick, K5UR, who was named to chair the committee.

Also asked to serve on the panel were ARRL New England Director Tom Frenaye, K1KI; ARRL Dakota Division Director Emeritus Tod Olson, K0TO; Jeff Briggs, K1ZM, and Bill Tippet, W4ZV. All of the appointees are veteran amateurs and familiar with 160 meters and the issues facing the band. Briggs, a perennial Top Band contesting and DXer, literally wrote the book on 160 meters, *DXing on the Edge—the Thrill of 160 Meters*. Tippet has more than 300 DXCC entities to his credit on 160.

ARRL Membership Services Manager

Wayne Mills, N7NG, will serve as Headquarters staff liaison with the committee.

Roderick says the band plan committee is open for comments "from all parties--the digital folks, DXers, ragchewers, anyone." The e-mail address for comments is 160-BANDPLAN@arrl.org. To be accepted, all submitted comments must include a subject line.

The committee plans to report back to the ARRL Board of Directors in July.

All ARRL band plans are on the ARRL Web site,  
[www.arrl.org/FandES/field/regulations/bandplan.html](http://www.arrl.org/FandES/field/regulations/bandplan.html)

#### **ARRL Bulletin 8** March 13, 2001

##### ARRL Seeks to Expand Amateur Access to 216-220 MHz

The ARRL has suggested that the FCC expand the secondary amateur allocation at 219-220 MHz to provide access to the entire 216-220 MHz band. The League commented this month in response to a Notice of Proposed Rule Making, ET Docket 00-221, that proposes to reallocate 27 MHz of spectrum in various bands, including 216-220 MHz, from government to non-government use.

In general, the FCC seeks to allocate the entire 216-220 MHz band to the Fixed and Mobile services on a primary basis. At 219-220 MHz, Amateur Radio now is secondary to the Automated Maritime Telecommunications System (AMTS). Within the 1-MHz of spectrum, Amateurs may install and operate point-to-point digital message forwarding systems, including intercity packet backbones, but only under strict limitations.

While the FCC has promised to protect AMTS and other operations from new interference, it extended no such assurances to amateur operations at 219-220 MHz. In its comments, the ARRL expressed fears that additional co-primary users "will essentially foreclose what limited opportunities there are now for amateurs to make use of the 219-220 MHz segment."

The League suggested that permitting amateur access to the entire 216-220 MHz band on a non-interference basis would be one means to accommodate Amateur

Radio operations in that portion of the spectrum. Such a move would, the ARRL said, "provide at least some opportunity for amateurs to engineer fixed links into the band, which would not be possible in the 219-220 MHz segment alone."

"The Amateur Service is well-known for being able to make use of bands used by other services, which increases the efficiency of spectrum use," the League said. The allocation could be made "without any adverse impact on AMTS operations, television broadcast reception, or other, new co-primary operations in the 216-220 MHz band, Fixed or Mobile," the ARRL concluded.

#### **ARRL Bulletin 7** March 9, 2001

##### Amateur Radio Spectrum Protection Act of 2001 Introduced

The Amateur Radio Spectrum Protection Act of 2001 is now officially HR 817. Rep Michael Bilirakis of Florida introduced the bill on March 1 in the US House of Representatives. ARRL President Jim Haynie, W5JBP, and ARRL First Vice President Joel Harrison, W5ZN, visited the Congressman's office to thank him personally for his continuing interest in protecting amateur allocations.

The measure has been referred to the House Committee on Energy and Commerce. The bill seeks to amend the Communications Act of 1934 by requiring the FCC to make no reallocation of primary Amateur and Amateur-Satellite allocations, diminish any secondary Amateur and Amateur-Satellite allocations, or make additional allocations within amateur allocations that would substantially reduce their utility without also providing equivalent replacement spectrum.

Early this month, a contingent of ARRL officials went to Washington for a three-day round of visits with senators and congressmen and their staff members. Haynie and Harrison also visited the FCC, where they spoke with Peter Tenhula, Chief of Staff to FCC Chairman Michael Powell.

Haynie was upbeat about the impact of the visits. "Once again we had an opportunity to tell our story about Amateur Radio and the important function it serves, especially in public service and education," he said.

## Hamfests

May 12, 2001 Choctaw ARC Swap Meeting. It will be held at the Midwest City Community Center, MWC and the doors will open around 8:15.

## ANNOUNCEMENTS

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

VE exams on 3rd Saturday of each month are held at 9:00 a.m. at Southern Temple Baptist Church, 1821 S High, OKC. Talk in on 146.76 MHz. For more information you can contact Clarence Warstler, KB51BY @ 632-3545.

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 HY412 & Garland Rd., across east from Atwoods store. The testing is PREREGISTER ONLY. Contact Dick NJSS 580-233-9869

## 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**

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

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

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

**Enid Amateur Radio Club Monday Night Net Monday @ 8:00 p.m. on 147.150MHz.**

**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.**

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

**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**

## DX

This weeks D-X report is dedicated to low power operators. Not just Q-R-P operators but rather those who seek to make contact with the lowest possible amount of R-F. Here's Q-News Graham Kemp, VK4BB:

**Microwatt DX.** Yes microwatts and remember a microwatt is just on one millionth of a watt!

KJ5TF on his website reports some real beaut DX! 28 MHz: K7IRK contacted WA6YPE using just 6 microwatts. 1300 miles the distance.

On 21 MHz, the Atlantic was bridged by G0IFK and K1RM back in 1991. G0IFK used less than 40 microwatts to make the 3200 kilometre contact. Even 160 metres can produce results with microwatts. AA2U contacted CH9ASJ over a 522 mile path with 613 microwatts.

VK4 amateurs figure in the results for an FM contact made on 10 GHz. VK4ZSH and VK4ZNC were able to make contact with just a milliwatt. Distance spanned was 124 miles.

It's worth noting that at these power levels, operator skill, antennas, selecting the right path and timing all come to the fore when making these contacts, which exemplify amateur radio experimentation at its best.

For Q-News Australia, I'm Graham Kemp, VK4BB, for the Amateur Radio Newline.

Now that's what you call a lot of miles per watt contacts.

(Q-News)

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# April 08 - May 19, 2001 Weekly Planner

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

March						
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April						
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May						
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27	28	29	30	31		

June						
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17	18	19	20	21	22	23
24	25	26	27	28	29	30