

Emitter

A CORA Publication

March 1997 Volume 23, Number 3 Issue 265 50¢

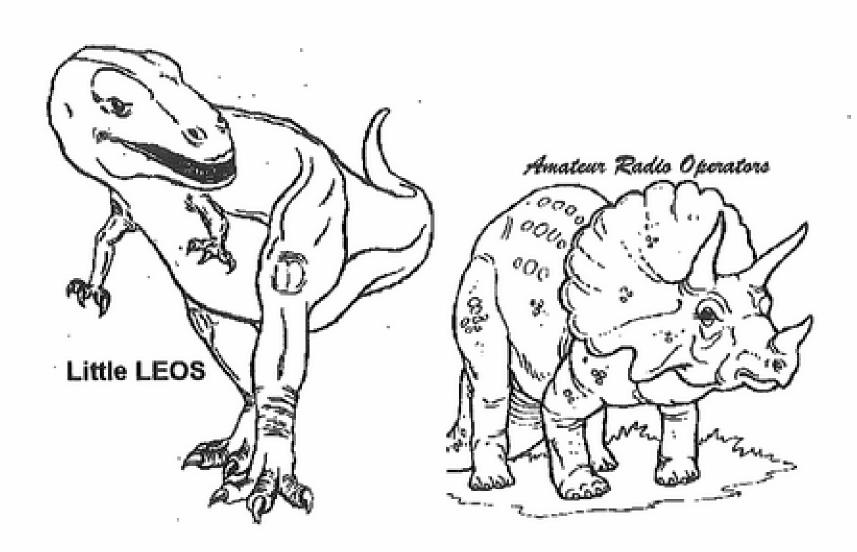
Postmaster See Page 2 For Postal Information

Periodical Mail

They're Back !!!
Little LEOS Declare War

New Packet Node
DX Cluster Easier to Hit

Joe Harding Memorial Scholarship



Possible End to Antenna Restrictions

NASA SELECT Moving

Retailer Fined in Scanners Case

Collector & Emitter
Harold C. Miller, KB1ZQ
Editor
Linda G. Miller, N1LPN
Circulation Manager

Central Oklahoma Radio Amateurs, Inc.

President: Harold Miller, KB1ZQ V Pres.: Brad Nelson, KJ0W Secretary: Forrest Rush, N5VWF Treasurer: Perry Jenkins, KB5TOT

Dear Subscriber:

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

97/12 JOHN E. DOE, KA5ABC 1234 SW 56th STREET RADIOVILLE, OK 74321-9876

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

Dear Secretary / Treasurer:

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

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1.	Aeronautical Center AR	11. Edmond Amateur Radio Society				
Meets:	1930L, 1st Thursday, FAA,		Meets:	Odd Months, 1400L, 3rd Sunday, St. John's		
	S. MacAuthur, OKC			the Baptist, Even Months, Dinn	•	
Pres.:	Bob Kremer, WA9FCT	381-3182	Pres.:	Jay Lytle KB5VDH	722-0981	
VP:	Chuck Bryant, KB5ZVZ	737-0423	VP:	Joel Beasley, KB5FCF	359-6508	
Sec/Tr.:	Brad Nelson, KJ0W	793-9470	Sec:	Sharon Thompson, KM5GV	844-6245	
			Treas.:	J. B. Bogner, K0JF	341-8735	
Editor			Editor:	Joel Beasley, KB5FCF	359-6508	
2.	Oklahoma Central VHF	ARC	14.	Cimmaron Amateur Ra	idio Assn.	
Meets:	1100, 3d Saturday, Ashley's Cou	ntry Kitchen	Meets:	1930L, 1st Thursday, WX5Y Pl	layhouse	
	I-40 & SE 15th St., Del City		_	827 S. 13th, Fairview		
Pres.:	Jackolyn Olsen, KA5ENU	842-2305	Pres.:	John Medley, N5WVU		
VP:	Ken Eason, KF5JS	789-2200	VP:	Kenneth Monahan, KB5SOM	764 2500	
Sec: Treas.:	John Dome, KB5WVE Jim Speck, W5AI	842-3493	Sec: Treas.:	Dennis Painton, WK5V Nadine Painton, N5FMH	764-3599 764-3599	
Editor:	Jun opeck, w J/M		Editor:	Kenneth Monahan, KB5SOM	704-3399	
	011.1 6% 4 4 4					
4.	Oklahoma City Autopat		15.	South Canadian ARS		
Meets:	1930L, 3rd Tuesday, Salvation A		Meets:	Meets: 0930L, 2nd Saturday, Red Cross Bldg		
Pres.:	NW 50th and Penn, OKC (Back I John Brassfield, N5SAM	685-8070	Pres.:	North OU Campus, Norman Michael McEwen, KC5GJL	329-2615	
VP:	Loyd Hargrove, AB5I	391-5723	VP:	Don Byer, KJ5KB	329-2013	
Sec:	Sam Binkley, KL7V	942-2600	Sec:	Jeff Wyke, KE5EB	329-6762	
Treas.:	Bob Kremer, WA9FCT	381-3182	Treas.:	Sara Byer, KC5ABA	321-1673	
6.	Altus Area Amateur Rac	dio Assn.	17.	Ada Amateur Radio Club		
Meets:	1900L 2nd Thursday, Southwest	Technology	Meets:	1000L, 1st Saturday, Basement		
_	Center, Altus, OK			231 South Townsend, Ada, OK		
Pres.:	George Mayteyko, AA1IJ		Pres.:	Roy Throne, KB5STV	436-1019	
VP:	John Mealer ,AB5WQ	563-9252	VP:	Dwight Myers, N0RIW	436-4755	
Sec:	Lil Town, KC5CNA	477-4027	Sec:	John Burchett, KC5EZC	332-1063	
Treas.: Editor:	Travis Houska, KC5SRK Dave Locke, KC5SII	679-3816	Treas.:	O. J. Collins, KC5DYX	332-7878	
The state of the s		~ .	1.0			
8.	Choctaw Amateur Radio		18.	Lawton Fort Sill ARC		
Meets:	1900L 3rd Monday, Eastern Okl		Meets:	1900L 1st Tuesday, Great Plain:	s Area Vo-Tech	
Pres.:	Vo Tech, 4601 N. Choctaw Rd, C		l	room 301, Worley Center.	262.6000	
VP:	Mike McFarland, N5WNT Duane Angles, KA5WRG	799-0612 670-6163	Pres.: VP.:	Jim Arterberry , N5UJB Kevin Johnson, N5WTS	353-5722 357-2203	
Sec:	Marie Harris, KC5HKB	390-8851	Sec/Tr.:	Paul Goulet, KC5CYY	250-4247	
Treas.:	Bill Tarkington, KC5ICR	390-8751				
Editor:						
9.	Wheatstraw Amateur R	adio Club				
Meets:	1430L, 2 nd Sunday, Location Var			CORA is Cuswingt	,	
	Troug a commany, accounts in		l	CORA is Growing!		
Pres.:	Johnny Fish, K5GBN	893-2227		For Another Club's Off		
VP:	Ray Barnes, AB5Z	274-3334	Le	t US Know of any Clubs	wanting	
Sec/Tr.:	Joe Garland, WA5FLT	893-2660	1	nformation On Joining (CORA.	
Editor:	Ralph Wilder, WA5PFK	623-5421				
10.	Oklahoma DX Associati	on	Ce	entral Oklahoma Radio A	mateurs	
Meets:	Hamfests and as announced in Ca		Meets:	1930L, 4th Tuesday, Salvation		
	riamicos mo as amounees in ex	AD.		NW 50th and Penn, OKC (Bac		
Pres.:	Jim Hood, WV5S 405-732-6	5131	Pres.:	Harold Miller, KB1ZQ	672-7735	
VP:	Ross Hunt, K5RH 918-234-5		VP:	Brad Nelson, KJ0W	793-9470	
VP:	Craig Boyer, AH9B 405-771-5		Sec:	Forrest Rush, N5VWF	842-8486	
Sec\Tr.:	Mark Byard, N5OGP 405-762-		Treas.:	Perry Jenkins, KB5TOT	354-5075	
Editor:	Mark Byard, N5OGP 405-762-	1966	Editor:	Harold Miller, KB1ZQ	672-7735	
CONT	TENTS					
	Oklahoma Radio Amateurs, Ir	ıc			3	
	hat				5	
	Radio Newsline				6	
Oklahon	na City Autopatch Association				7	
Control	na City Matopaton M550018t101 Oklohomo VIJE Chik				0	
Central	Oklahoma VHF Club				8	
	raw Amateur Radio Club				9	
South Canadian Amateur Radio Society						
	Lawton / Ft Sill Amateur Radio Club					
The Joe Harding Memorial Scholarship						
Choctaw Amateur Radio Club					16	
ACCRECATE AND ADDRESS.	ma DV Accordation				17	

22

A.R.R.L. Bulletins

Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for February 22nd, 1997.

The CORA lunch began at noon on Saturday. The CORA meeting was opened by the president of CORA, Hal, KB1ZQ. Five clubs were represented (ACARC, OCAPA, EARS, VHF Club, & Altus Area ARC) plus two visitors and Oklahoma Section Manager Coy Day, N5OK.

The Secretary's minutes were accepted with corrections; The Treasurer's report was accepted. CORA has its' own Tax number and the tax return will be done sometime in March.

Big Plans. CORA will try to land the Oklahoma State Convention for 1998. This will be the 25th Ham Holiday, so start thinking about how YOU would like to celebrate HH 1998, our silver anniversary. Also, remember that April 4th is CORA's birthday; the first CORA meeting was April 4th, 1974.

President's Report. The President reported that W6COZ, an amateur in Northern California, has asked CORA for information. There are four independent clubs out there that want to form their own 'CORA'.

It should make us feel proud that they are using CORA as there model, and we wish them well.

C&E Report. The editor reported that the member clubs are getting the club minutes in ahead of the deadline and that has made his job MUCH easier. (Thanks guys! Keep it up., N5VWF) Three advertisers have been suspended for non-payment of their ads. Also, if you know of any upcoming hamfests, let the editor know and / or send him a copy of the

flyer, so the hamfest can be put in the C&E.

Remember, this is your journal!

Insurance. CORA's tower insurance will be due soon. At present that insurance has CORA as the insured party with five groups participating as riders on the policy. All costs all shared equally. This insurance protects the tower or repeater site from any damage we might do to that site.

Ham Holiday 1997.

Dealers. All dealers have been contacted, and we are waiting for their replies. We contacted 98 dealers.

VE Report. Jim Copeland, NW0K, who headed the VE group which did such a wonderful job at HH96, will be doing the VE test session again. Thanks, Jim!

Publicity. All amateur publications were notified about HH97.

HH97 Lögo. Jerry, KJ5KP, designed the logo for HH97.

ARRL HH 97 will be an ARRL sanctioned event; look for their booth at HH 97 this year.

Scholarships. Forrest, N5VWF, was appointed scholarship chairman this year. The Joe Harding Memorial Scholarship applications will be in this edition of the C&E; deadline is June 1st, 1997.

Programs.

Mac, K2GKK, will be doing an advanced packet program

Tom, WA9AFM, will be handling the AMSAT program

Dee Mize, WD5FHR, will be handling the antenna program

Forrest, N5VWF, will handle the bingo program

Jim, K5PER will be handling the ARES program

Harry, KE5HR will be handling the MARS program

Flyers. CORA went over the flyer and they will be ready soon.

Fox Hunt - We need someone to volunteer to run the fox hunt PLEASE!

Tickets. CORA approved the ticket design

Next meeting. The next CORA meeting will be held at the Salvation Army's divisional headquarters at NW 50th and N. Penn at 730 PM on the 25th of March, 1997. **BE THERE!**

Respectfully submitted,

Forrest Rush, N5VWF CORA Secretary

CORA VE SESSION February 17, 1997

The CORA sponsored VE session for the month of February 1997 was held on the date noted above at the Salvation Army. A good turnout of those ready to take a test and family members to support same. Per normal this session was held on third Monday night of the month at 6: 00 PM. Regardless of the weather be it rain, sunshine, or wind the CORA VE team is ready! Congrats to all making the effort to give tests, take tests, and those helping get Amateur Radio operators ready to pass tests. The February, 1997, test session produced the following results:

Test Elements Attempted- 34
Test Elements Passed - 17
Total Applicants- 16
Applicants Upgrading- 9

Individuals passing indicated elements:

John Brassfield- 13 wpm code- ***

Matt Downing - Passed Novice/Technician Theories - *

Stan Stafford- Passed 20 wpm Code

Wes Foote-Passed Technician Theory- **
Lester Ray-Passed Technician Theory-*

Curtis Foote- Passed 5 wpm code/ General Theory - **

Troy Wheeler-Passed 5 wpm code/ General Theory- **

Mark Ashworth- Passed 5 wpm code / Novice& Tech Theories -**

Carl Shortt- Passed 5 wpm code and General Theory-**

Onis Cox - Passed 5 wpm code and General Theory-**

Upgraded to: * Technician, ** Tech Plus, *** General Many thanks to those who sacrifice their time, energy and skill to be on the CORA VE team. Their reward is watching your success both in passing Amateur Radio test elements and in increasing your enjoyment of the hobby because of more operating privileges. Also take time to thank those family members and significant others who encourage your licensing and upgrading (or at least tolerate same).

Now, we look at March dates for CORA testing. Yep, two dates! The CORA VE team will be in Edmond on Thursday night March 13th-6:30 PM at the Downtown Community Center, 28 East Main. Room 216. This session will be to accommodate the Edmond Amateur Radio Society's General Licensing Class. But, is open to any and all to come and take Amateur Radio tests. All code and theory exams will be available. The regularly scheduled March session will be on Monday, March 17th @ 6:00 PM at the Salvation Army (Penn and N.W. Expressway).

Good Luck in preparing for your next Amateur Radio exam!

> 73 de John Thomason, WB5SYT WB5SYT@AOL.COM

From The President

Well another month has come and gone. I am hoping to see more folks come out to the CORA meetings in the near future and lend their support to the planing of Ham Holiday '97. We need all the input we can get.

Another subject we as hams need to look into is the amount of interference or bad

operating practices going on over the airwaves. If we as amateur operators do not police our bands we are going to lose them to the commercial markets. Big business has lots of clout when it comes to government.

Look at all the money spent in lobbying senators and congressmen for the different issues. It doesn't take a rocket scientist to see that we need to protect our frequencies, or we very well lose them.

Let your club officers know of illegal practices you hear on your repeaters and write letters to the FCC and representatives to force action against those who do not want to live by the rules they were supposed to accept when they signed their amateur radio licenses. There is no excuse for bad operating procedures or malicious interference. Let's keep our bands. We earned them!!

Hal, KB1ZQ

A CHANCE TO END ANTENNA RESTRICTIONS AND COVENANTS

Two residents of a housing development have filed a petition to the FCC charging that covenants on the property are in violation of FCC laws. The appeal filed on January 16th seeks a Declaratory Ruling that certain provisions of a homeowners association covenant are preempted by the Commission's over the air reception devices rule.

Jay Lubliner, KA3ZMW and Deborah Galvin are asking the Commission to determine whether Potomac Ridge Homeowners Association's prohibition of outdoor antenna installations is preempted by Section 1.4000 of the Commission's

rules. The Petition alleges that the homeowners association restriction violates the Commission's rule prohibiting restrictions that impair installation, maintenance or use of over the air reception devices including satellite dishes and antennas.

As reported last year, the Telecommunications Act of 1996 allows those who cannot otherwise receive over the air television reception to have a TV antenna 12 feet in height or less regardless of any homeowner's deed restrictions and covenants. As Lubliner and Galvin are unable to see television without interference they feel that they had the right to a TV antenna. Thus, their petition to the FCC.

The FCC has assigned the Lubliner and Galvin request as FCC Public Notice DA-97-118.

(Via W3CQH)

A PAIN SOMEWHERE

And finally, a Japanese television network has admitted that it hid a transmitter inside the Japanese ambassador's house in Peru where rebels are holding 72 hostages. It then held secret radio conversations with the captors.

TV Asahi said it took messages from Japanese hostages at the residence in Lima, Peru, and relayed them to family members. It said it stopped communicating with rebels after a warning from Japan's government.

Japans Prime Minister Hashimoto criticized the network for establishing the illegal radio hookup. He publically called TV Asahi: "...a pain in the neck."

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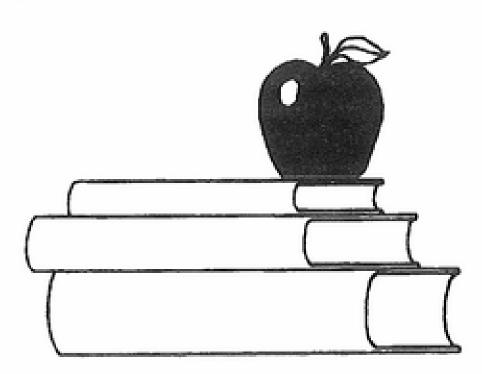
Call: 405-670-5537 FAX: 405-670-4412 EMAIL: INVENTORYS@aol.com

Chit - Chat

by Linda Miller, N1LPN

Scholarship Time

This is the time of the year that the ham community begins offering applications for scholarships. Within the CORA organization we currently have three different scholarships being offered. The Edmond Amateur Radio Society offers the Bertha Watson Memorial Scholarship. City Autopatch Oklahoma The Association offers the Leonard Hanstein Memorial Scholarship. Central Oklahoma Radio Amateurs, Inc. offers the Joe Harding Memorial Scholarship. Last month we published the scholarship application offered by EARS. This month the CORA scholarship application is in this month's C&E. Next month the OCAPA scholarship application will be Each scholarship is for published. \$500.00.



So why am I telling you about these scholarships, that's easy to answer. We believe very strongly that the key to anyone's future is through education. Each organization has honored an Amateur Radio operator who set an example of true dedication to the hobby and shared knowledge with all wishing to learn. Each scholarship is named after a person who touched the ham community in a special way and gave 110% of themselves in all they did. Each scholarship is basically the same, but have different requirements. Please read each one carefully. If you know someone who meets the requirements to apply, please encourage them to do so.

Playing it safe...

About a month ago, I had someone knocking at my door while I was on the phone to another ham. I hate door to door sales and planned to get rid of them in a flash so took the phone with me to answer the door bell. They had found we had one and given up knocking.

To make a long story short, it was someone trying to get me to allow them inside my home to take pictures for insurance. We knew nothing about it. She didn't even have my name right and never showed any form of identification. I refused to give her any information and closed my door.

Hal came home and didn't know what to make of it. Mac, K2GKK said to report it to the police. I felt silly filing a report until the officer looked me straight in the eye and said, "You are a very lucky lady. By having the phone in your hand while answering the door, it probably saved you. The person there had no idea who was on the other end and didn't want to chance it. You did the right thing by reporting it."

Some pointers he gave me. It is better to play it safe than being sorry later.

- Never just open your front door without knowing who is there. This one is hard, we usually just open it without thinking and it can be a deadly mistake.
- If it is someone shows up with a package, and you didn't order anything, ask them to leave it by the door. If they insist, tell them to return to sender. If they remain, call the police and wait for help to arrive.
- 3. Never give out Any Information over the phone. Do not identify yourself until they do and they state their business. Many companies will tell you who they are but you must ask them. Those that do not, don't play around, just hang up. You pay the phone bill and have the right to not accept calls from anyone you do not know.
- Be careful filling out questionnaires.
 The information is shared with anyone willing to pay for it. you end

up getting a flood of junk mail this way. Even the postal service will sell your address to companies and businesses. Have you ever wondered why you are flooded by junk mail when you turn in a change of address? I tried it one time to check this one out a few years ago in Texas. I sent in a change of address in my maiden name and began getting all kinds of junk mail under that name. The only ones I had sent the information to was the post office. I called and asked the different businesses how they had gotten my name and a few told me.

- 5. Protect your phone number as you do the numbers on your credit cards. Many mail order companies sell your information to other companies. Some gangs will actually call you on the phone, ask questions saying they are conducting a survey. Depending on if you own a VCR, TV, Stereo System and the age of each, you may just be setting yourself up to be robbed.
- Never leave your doors unlocked, even if you are home watching TV or working in the back yard. Even the most secure neighborhoods are subject to crimes.
- 7. It is a good idea to leave the 2 meter on while you are not home. The people talking on the airwaves can make a would be thief think someone is really home after all. A TV or radio station doesn't do the job anymore.

I had my eyes opened after talking to the police officer. He put a Watch Order on our home as an extra measure, better safe than sorry he said. Maybe by my writing about what happened to me and what he said will help someone else and keep them safe from harm. I hope it does.

A final note: When I became Circulation Manager for the C&E, I made it a policy that our data base is not sold for any price. We have had offers, but have turned them down. The C&E mailing list is kept as private as it can be.

Until next month...

Amateur Radio Newsline

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LITTLE LEOS DECLARE WAR

The same industry that has already targeted two meters and 450 MHz for sharing now wants even more ham radio spectrum. The Little LEO satellite industry says that it wants access to 219 to 225 MHZ in addition to the two other bands. The satellite people see billions in corporate profits that they can start using all the amateur frequencies from 144 to 450 MHZ.

The Low Earth Orbiting satellite industry that is seeking access to amateur allocations at 146 and 430 MHZ has now added 220 MHZ to its wish list. The move announced in what the satellite industry calls its flexible allocation proposal. That proposal was delivered at the February 13th meeting of FCC Informal Working Group 2A. In it, the Little LEO industry specifically targets the ham bands from 146 to 148, 219 to 225 and 430 to 450 MHZ for shared use.

The ARRL and AMSAT were among those objecting to the idea. A joint statement says that the latest proposal affecting amateur allocations in the 219 to 225 MHZ segment came at the last possible moment and without any technical support whatsoever.

The League and AMSAT point out that the little LEO supporters have had more than a year to complete a technical study of the possibilities of sharing with the amateur service in the 144 to 148 MHZ and 420 to 450 MHZ bands. Both organizations conclude that the Little LEO people have not demonstrated compatibility for sharing these amateur bands.

Now to speak editorially. The ARRL is urging those who agree with its position, that's you and me, to comment to the FCC

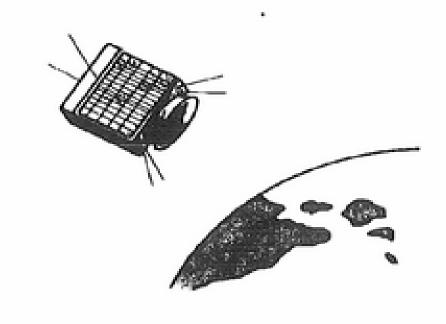
by March 4th. This is because FCC Informal Working Group 2A has been preparing proposals for the 1997 World Radiocommunication Conference which will be reviewed at a March 5 meeting of the FCC's WRC-97 Industry Advisory Committee. That committee is the one preparing draft proposals for consideration by the United States as it gets ready for the 1997 conference.

Anyone wishing to register support for the joint ARRL and AMSAT submission and to file in opposition to the Little LEO position should send a brief e-mail message to:

wrc97@fcc.gov

The Subject line should say: Reference No. ISP-96-005 IWG-2A

All that's needed is a simple statement such as "I support the ARRL and AMSAT opposition to the flexible allocation proposal." The ARRL says that these will be included in the public record and will help to drive home the point that there is broad-based opposition to poorly conceived sharing proposals.



And with time running out, here's another way we have thought up to fight back. Its one you won't hear suggested by the ARRL, but it can work well if you know exactly what to say.

Why not enlist the direct of the American public? The quick and inexpensive way is by phoning into the thousands of radio talk shows around the nation and telling our side of the story.

Going on the talk show circuit should only be attempted if you are a truly articulate speaker and well versed in what the Little LEO industry is trying to do. Target talk programs at night that have high ratings and shows that often discuss technology issues. Have a brief plain English statement ready to read that explains why our needs must be protected. Avoid using ham radio jargon in it like QSO or QTH that the host and public won't understand.

Most talk shows have at least one day of open lines where the general public can voice its opinions and gripes. Its' the perfect opportunity for radio amateurs to call in and warn the general public about the Little LEO plot to grab frequencies that are now used by hams to help save lives. It's also where hams can urge the general public to write to the FCC opposing any sharing of amateur bands with the satellite community. And don't forget to give them the:

wrc97@fcc.gov e-mail address.

Also please note that what we all oppose are not proposals from the FCC. Nor are they ideas that are endorsed by any other branch of the government. Rather, these are Little LEO satellite industry proposals. The League's objective is to demonstrate to the government there is broad citizen opposition to the Little LEO industry proposals, in the hope that the government will not adopt them as a United States position. So, please be supportive of the FCC in any comments that you file or anything you say on the talk radio air.

Spread the word as quickly as you can.

The complete text of the ARRL and AMSAT opposition statement and other comments is posted on ARRL Web page at:

www.arrl.org

under "Band Threat News." Read it if you plan to file extensive comments or to take the issue to the public via the talk show circuit.

(Via ARRL, AMSAT-NA, Spectrum, Airwaves, ANW, Newsline)



Oklahoma City Autopatch Association

Meeting called to order at 7:35 p.m. on February 18,, 1997 by John, N5SAM. There were 37 members and 6 visitors including our guest of honor, Brady Brus and his wife Angie. Following the introductions Brady gave a very interesting presentation about severe The season for our severe weather. weather is just around the corner. (I saw 3 robins yesterday). So it is a good time to have a refresher course about thunderstorms and tornadoes. Our thanks to Brady and Angie for taking the time to be with us.

Secretary's Report:

A motion was made and seconded to accept the minutes of the January meeting as published in the C&E. Motion carried.

Treasurer's Report:

Bob, WA9FCT read the treasurer's report.

A motion was made and seconded to accept the report as read. Motion carried.

Technical Committee:

John, KC5DRI is in the process of programming auto dial numbers for the 147.21 and 444.3 repeaters. If you want auto dial numbers contact John.

Interference:

Brad, KJ0W is in the process of organizing a group to deal with the interference problems being experienced by many of the local repeaters. If you are interested in helping with this contact Brad.

Club Call:

The OCAPA club call is now W5MEL.

Field Day:

FD will be here before we know it. We need a volunteer to take charge of organizing this activity.

Meeting adjourned at 9:08 p.m.

Respectfully submitted, KL7V

Antenna Stuff

In my opinion, the antenna system is the single most important item of any radio We see lots of claims in station. advertising about antenna gain. What is gain in an antenna? The gain of an antenna is related to its directivity. For an antenna to exhibit gain in one direction some of its power must be reduced in another direction. This gain is expressed as a power ration in decibels (dB). Since this is a ratio it must be relative to a reference antenna of some sort. The most commonly used references are the half wave dipole (dBd) and the isotropic radiator (dBi). If you see an antenna advertised with "X" amount dB gain without reference to some antenna, that ad is meaningless. Three dB gain is equal to doubling the power, 6 dB (approximately one "S" unit) is equal to increasing the power 4 times and 10 dB equals an increase of 10 times.

Maybe just enough to arouse your curiosity. I hope so. This is a fascinating subject. Some good reference materials include "REFLECTIONS" by Walt Maxwell, W2DU and the ARRL ANTENNA BOOK.

Sam, KL7V

New Packet Node

Dxer's can now enjoy a new packet node. The OKCDX now node is running fine on 144.91mHz. thanks go out to Loyd, AB5I; Gene, KJ5GX; John, N5SAM; Jim, N5OHL and Rick, AB5ON plus all the other folks on the technical committee of the Oklahoma City Autopatch Association. The antenna is located at 400 feet on the Channel 9 TV tower in NE OKC. First connect to the node then c N5OK to connect to the DX Cluster located in Union City. We are getting some excellent signal reports and would like to know how you are hearing the new node.

Newsline (Con't)
NASA SELECT MOVING

And those of you with satellite dishes that watch SAREX mission on NASA Select television should be aware that the service will soon be moving. NASA Select will soon be active on the recently launched GE-2 satellite.

If GE-2 is successfully brought to station, services should be starting to appear around the end of the month.

This is good news for TVRO NASA Select viewers as the new location is on a better satellite that is more centrally located in the arc.

(Via VHF Reflector)

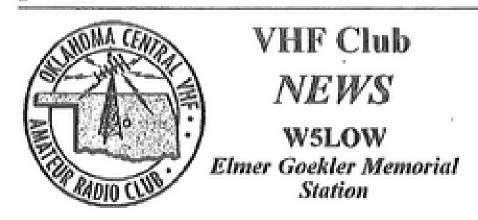
RS16 DELAYED

The Launch of the Russian Zeya RS-16 ham satellite on a Start-1 rocket has been delayed. Jonathans Space Report says that the rocket will instead be used to launch a U.S. commercial remote sensing payload.

The switch was made because the Zeya satellite containing RS-16 is not yet ready to be put in orbit. No new launch date is set.

(Via AMSAT BBS)





Oklahoma Central VHF Amateur Radio Club

Club minutes of the February 20, 1997 meeting:

The Oklahoma Central VHF ARC held its regular meeting at Ashley's Country Cookin', SE 15 at I-40. President Jackolyn, KA5ENU called the meeting to order at 17:40 PM with 12 members and guests in attendance.

Minutes for last months meeting as published in the C & E were approved.

Treasurer Ellard Foster, W5KE submitted the treasurer's report which was accepted. All present joined in thanking Ellard for his long devotion and service to the VHF club.

There was no subject brought up under old business.

A discussion was held concerning when and where the members would really like to hold club meetings. Some did not want to meet on a week-end for family or personal reasons. An evening meeting was Okay for some but there was discussion about having it just before the Thursday night net. Consensus was that the meetings be held when it would be convenient for most club members so more people would turn out. So, the next meeting will be held at Neighbors Restaurant, Classen at N. 33rd. The meeting room there has been remodeled and enlarged.

The time will be the third Thursday in March at 5:30 PM, which looks like it will be the 20th, first day of spring.

Meeting adjourned at 18:10 PM.

73, de J. R., KB5WVE

Newsline (Con't)
WHAT SHARING WILL MEAN

If hams do wind up having to share the 2 meter, 220 and 440 MHZ bands with little LEO satellites, there's a good chance that amateur radio operations on those bands as we know them today will become a thing of the past. That's because hams will probably become secondary users on those frequencies. And that means even inadvertent interference from amateur transmitters won't be tolerated.

So, what could all this mean in terms of FM, repeaters and public service on those bands? In some cases, life saving communications services many hams provide will likely have to stop.

"The storm is located at the Smiley and Wells?"

"I said Smiley and Boot Hill areas."

"We'll pass it, KE4MEA Montgomery"

These amateur radio operators are using the 220 MHZ band during a severe weather outbreak in Alabama. The hams are members of a Skywarn net, relaying spotter reports to the National Weather Service from areas nearly a hundred miles apart. The 220 band here is being used to link distant areas together, so that emergency weather information can be relayed quickly. But hams say they may lose this capability if commercial users are allowed to move in on their frequencies. That prospect worries National Weather Service meteorologist Brian Peters, WD4EPR, who works closely with spotter groups:

"I know in Alabama, and in a lot of other states the amateurs are making tremendous public service contributions to the safety of people as severe storm spotters. And without some of those amateur bands, the entire spotter program could come to a screeching halt." Peters

Ron Arant, N4PHP, owns a 220 repeater used during emergencies.

"We have taken reports of tornadoes on the ground over the 220 band. Without that repeater that report would not have gotten to the weather service in realtime. It just wouldn't have happened." Arant

James Spann, WO4W, is Chief Meteorologist at ABC 33/40 television. He calls the idea of for-profit businesses using amateur frequencies absolute insanity:

"If our 220 MHZ band is taken away completely, it has been chopped down over the years, right now that band serves as a crucial band for emergency service work in many parts of the country. Many areas using that for Skywarn, some areas use that for digital links, some areas use that for remote base and linking. If we lose 220, that is going to have a huge impact on emergency services and public service work in amateur radio." Spann

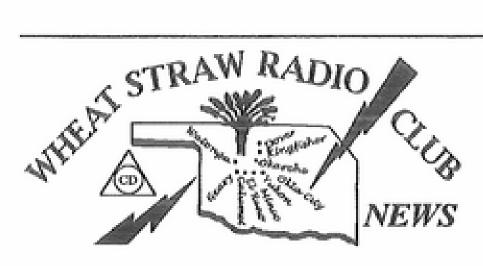
The Weather Service's Brian Peters sez hams don't have many frequencies available for use as it is. The Weather Service's mission is to save lives by providing early warning of dangerous weather. If the 220, 2 meter or 440 MHz bands are given to commercial users. Peters sez it won't just be hams who are the losers, but the public.

One comment in particular during David's report points up the difficulty likely to be posed if hams had to share their frequencies with commercial businesses like the little LEOs.

Many amateur radio repeaters use programmable remote base systems to provide emergency communications. While the repeaters operate on single, fixed frequencies, the transmitters on the remote systems can be set to operate on various frequencies that way, repeater users can link up to different areas during emergencies.

Amateurs in the Alabama Skywarn effort tell us this is one more reason why they consider commercial services like the LEOs moving into amateur bands as a lousy idea.

(Via Newsline)



Wheatstraw Amateur Radio Club

The Wheatstraw club meeting was held February 9th in the Christian Fellowship Hall just east of the church. Total meeting attendance was twenty seven members including visitors. The meeting was called to order by our president, Johnny K5GBN, with all officers elected present.

After the minutes were read and approved, as read, we had self introductions. Visitors and new members were, Coy, N5OK; Bill, KC5OKG; and Harold and Cindy. Harold's license is pending, Cindy is attending amateur classes

The announcement was made of Fred Tech, K5GDE losing his mother. N5VDY made a motion for our club to send a memorial to their church. Seconded by Neal, N5KCO, Motion carried. Some other announcements were made to the membership.

Coy, N5OK is the ARRL Section Manager for the state of Oklahoma. Coy has been an amateur for forty years. In his early years his call was K5LMG. He is semi retired and can't catch up with his volunteer services. Coy gave a nice talk about the ARRL and how hard they are working for amateur radio operators in general. He explained to us that it was not only a privilege for amateurs to let the ARRL know what we wanted, but it was also a duty. The talk was positive with no beating around the bush, as our elders used to tell us. Welcome back any time Coy, it was our pleasure.

Bill, KC5OKG is a new member of the Wheatstraw club. He has been licensed for about 2 years. Bill passed his 5 WPM last October and is working on the general class. He is retired after serving 25 years

in the Air Force. Bill also belongs to other radio club, and resides in Enid.

Harold and wife, Cindy live on a farm near Geary. Harold has farmed all his adult life. Cindy works at the post office in Hinton. Harold was introduced to amateur radio by a friend. Cindy is going to Leo, WZ5H's school at Canton. Both of them enjoy studying amateur radio. Harold and Cindy are the Zweichers.

Leo has a class of seventeen. Joel, KK5XS and Curt, N5RHO are assisting as instructors. We appreciate their efforts.

Things got real quiet, I looked around and noticed the eye balls looking at the refreshments the ladies were setting out. The host ladies had made Valentines for everyone and each chair was outlined with red hearts with a white strip glued to the back with the words "Be Mine," it was so sweet of them.

Ralph, WA5PFK

Surgeon to patient, "We'll need you unconscious for the operation. Would you prefer sodium pentothal or a peek at your bill?"

STS - 83 To Be Next SAREX Mission **

The next scheduled SAREX mission is planned for March 27, 1997 at 1:19 p.m. CST. The shuttle Columbia will lift off from Kennedy Space Center's launch pad 39A on a 16 day mission.

Seven crew members will operate the primary payload, the Microgravity Science Laboratory, included on the crew is Commander Jim Halsell, KC5RNI, and mission Specialists; Janice Voss, KC5BTK and Donald Thomas, KC5FVF. All are making their third shuttle flight.

ARRL Board of Directors Annual Meeting**

The ARRL Board of Directors met in annual session January 17and 18, 1997. Responding to survey results that showed most of the members favor retention of Morse Code for operating privileges on the HF bands. The board decided they will not support changing the existing treaty requirement, an issue on the WRC -99 agenda.

** Articles Taken from W5YI

The February 1, issue of W5YI had quite a lengthy article about the no code license in Japan. The drop out rate from crowded bands, fighting, language and you name it.

It is my personal opinion, to do away with the code would hurt the hobby very badly. I think the hard work we endured to get our licenses has made better operators in general. The respect of our efforts we do a better job of policing ourselves. Each to his or her opinion. Frogs have it easy --they eat what bugs them.

Some how I feel the changes will be made due to the pressure from other counties. Some people feel very strong about dropping the code since the military services do not use it anymore. If this happens it might be like a story I heard many years ago.

"This happened back in the days when transportation was either horse back or team and wagon. There was a little church across the river close to a swamp. Several folks went there in their wagons. Now the good old boys that really didn't church, their parents thought they wouldn't do anything wrong.

Eight of those young men decided they would get saddled up and go to church. They arrived late, church was in progress. The youngsters had their guns strapped on, and decided to have some fun.

Riding around the church, they went to yelling and shooting out the windows. Everybody insider got down on the floor screaming, afraid to get up to see who was doing the shooting. When the guns were empty, all the windows were shot out. The boys went home and it was never known who did it."

Spices Replace Salt

Goldie read this article, then read it to me. I decided maybe several of our readers may not have seen this. I like well seasoned or you might call them spicy foods as long as they don't bother my ulcer.

Mix 3 bay leaves (Torn into pieces)

½ teaspoon marjoram

1 teaspoon thyme

2 teaspoons rosemary

1/2 teaspoon pepper

4 teaspoons garlic

4 teaspoons of dried onion.

In a food chopper or by hand combine mixtures into a fine powder. Store in a covered container at room temperature.

Sorry, I left out two spices. They are ½ teaspoon lemon pepper and 1 teaspoon sage, add these spices before mixing.

Please Mr. CUSTER don't make me type all this over.

You can use the spices in a salt shaker labeled for a low or no salt diet.

We have not tried this low salt mixture yet, but we are going to . Goldie is always telling me not to use so much salt. I know people have need of less salt. I like to season my food to suit my taste.

Jim Williams (sk)

There have been many announcements of Jim being a silent key. If I may, I would like to express a few thoughts about him. His radio call was K5VRL. When I joined the Wheatstraw club about 1966, Jim was a member then.

Shortly after I joined the club, Jim was our president doing a fine job. Jim made most all of the meetings until his health went bad. In later years to show his trust in all the club members he asked me how much his and Helen's dues were.

When I told him, he paid me in cash. I had no receipt book and I thought nothing of it. this I didn't know at the time, but someone told Jim that was foolish, you may have to pay those dues again.

When the meeting was closed, I asked Marvin, WA5JHB if he would take the sack of money and deposit in the Bank of Calumet. Marvin jokingly asked, "How

much money is there?" Laughing Marvin said, "Well I don't know whether I will deposit that much to the Wheatstraw club or not." Them Marvin said, "Ralph, I will do this for you, but I would not do it for anyone else." He took the sack and went over and sat it on his table.

Something like two meetings later, Jim stood up and told what was said to him about paying cash for his dues. Then he repeated the story of the money I gave to Marvin. He said, "That beat it all, neither of us counted the money, or Marvin wasn't asked to sign for it or any other thing." He went on to say, "That was the reason he belonged to the club, he never had heard fuss or arguments about anything, you people are the most friendly and congenial group he had ever been associated with."

That was Jim and Helen, honest loving couple. Jim will be missed by each who met him. May his soul rest in peace through all eternity.

Ralph, WA5PFK

Newsline (Con't)

FCC SAYS ALL CELLULAR MODS ARE ILLEGAL

The FCC has declared that any modifications made to any receiver that permits it to receive the cellular telephone band is illegal. In a public notice released last week, the FCC has made it clear that it's illegal for manufacturers or dealers to modify receivers to enable reception on cellular telephone frequencies.

The decision comes as members of Congress raise concerns over the widely publicized incident where a cellular telephone conversation of House Speaker Newt Gingrich was intercepted and taped and its contents ended up on the pages of the New York Times.

(Via ARRL)

FCC FINES RETAILER IN ILLEGAL SCANNERS CASE

The FCC has upheld a \$20,000 fine it issued against Ace Communications of Fishers, Indiana, for illegally selling scanners that were not FCC certified and

that could receive cellular telephone frequencies. The FCC's Compliance and Information Bureau issued the Notice of Forfeiture on February 5, 1997. It cited the willful and repeated violation of Section 302(b) of the Communications Act of 1934, as amended, and repeated violation of Section 302(b) of the Act and Section 2.803 of the Commission's rules.

Specifically, the FCC cited Ace for advertising and selling two different scanners without first obtaining an equipment authorization. The FCC rejected company arguments to reduce the fine or dismiss the Notice of Apparent Liability. ACE is expected to appeal the matter.

(Via FCC)

A FISHING STORY

A group of Southern California hams that serve as monitors for the W6FNO repeater have quite a fish story to tell. Actually it is more of a fishing story in that the monitor hams were able to convince some fishermen that it was not nice to use the repeaters input channel as their personal simplex frequency. It all started when this began getting relayed over the 146.82 repeater last December:

"The fish are starting to show up now.

Joe's got 25 on the boat, Victoria's got like
30, there's a couple guys went home. And
the fish are starting to show up now, these
lights are starting to get some fish."

The W6FNO monitoring crew quickly determined that these fishermen were illegal operators and were working in ocean waters just to the south of Los Angeles. Normally hams are told to avoid talking to jammers and other illegals, but in this case an exception had to be made. It was obvious that the fishermen were unaware that they had been sold radios that were operating through a ham repeater. It was also obvious that they did not want their discussions overheard. And that was the key. They alerted the fishermen that a lot of people were being broadcast city-wide and a lot of people listening private were to their conversations. Not wanting the audience, the fishermen did go away.

(Via N6TFS)



South Canadian Amateur Radio Society

The February meeting of the South Canadian Radio Society was held on February 8, 1997. The meeting was called to order at 9:30 AM by Mike, KC5GRZ.

The first order of business was the election of officers. Sara Byer, KC5ABA, to everyone's relief, agreed to continue as treasurer. Don Byer, KJ5KB, is now Vice President. Mike, KC5GRZ, agreed to serve a second term as President. To my great relief, Jeff, KE5ER, volunteered to serve as secretary. We certainly owe all of these new (and continuing) officers our thanks and support.

The treasurer's report was then given. One-fourth of our members have not yet paid their dues. None of them are regular attendees. however. Sara reported that she filled out the C&E renewal forms for everyone that has paid.

Jud, KC5RI, reported that approximately 20 people have attended the licensing class. Many of those are members of the OU club, which meets the 1st Tuesday of every month at 7 PM in the Energy Center. He also informed us that we can't get the club call that we wanted. He and Don, KI5TP, will continue to search for a new club call.

Louis, KC5ABI, reported that CORA has accepted our recommendations for the Ham Holiday flea market. Of course, this means that we're now obligated to oversee it next year as we have done in the past. Ham Holiday is July 25-26, and everyone's assistance will certainly be appreciated.

Peter Laws, N5UEY, reported that there will be an EOC at the County this year. Skywarn training will be conducted at

9:30 AM, March 1, in the Plaza level of the Energy Center. There will be an organizational meeting immediately following the training for all who are interested. February 15 at 10:00 AM, there will be training at the National Weather Service. See their web page at

http://www.wildstar.net/~plaws/skywarn/

for more information.

Brad Nelson, KJOW, from the OCAPA club, reported that some local hams are considering forming an interference committee under the auspices of CORA. Several clubs are experiencing interference from pager companies and 2-way radio services. The committee will serve to locate and clean up any interference. Call him at 793-9470 if you are interested.

Randy Ridenour, WB5RWN (Formerly) SCARS Secretary

Newsline (Con't) FRENCH CW

Last week we reported that France has terminated the use of the Morse code for its maritime operations and will no longer even monitor for distress messages in cw. This also raises the question of what position France will take when the subject of continued ham radio Morse proficiency when it comes up at the 1999 World Radiocommunications Conference.

An answer may be found in the February 1st W5YI Report newsletter. It quotes highlights of an ARRL July 1996 Board Meeting report that says the League has the option of seeking the support of the U.S. government and other International Amateur Radio Union members to try and avoid having the matter brought up for discussion in 1999.

But the same report says that the national ham radio societies of Canada, the United Kingdom, Germany and Japan have already indicated that they are not intending to take such a position. This, because they believe the telecommunications administrations in their nations are no longer interested in

continuing to support mandatory CW testing as a treaty requirement.

Now consider that France has traditionally held very close ties to Canada and the two tend to be politically allied on many issues. While its only a guess on our part, the deletion of mandatory Morse testing could conceivably be another.

(Via W5YI Report, Newsline)

HAMS ASSIST AT PERU MUD SLIDE

Some late breaking news. Word that ham radio is reported to be providing communications in the wake of a mud slide has buried dozens of homes in the isolated Andean region of Peru. As we go to air, at least 14 people are dead and another 185 are reported missing.

According to news reports, the river of mud hit two towns in the Tamburco district, 300 miles southeast of the capital on Tuesday, February 18th. Reports relayed by radio amateurs say that fourteen of the dead were found in the town of Ccocha.

FCC RESUMES VANITY PROCESSING

Vanity call sign processing under Gate 2 of the FCC program is back in operation. The FCC's Gettysburg, Pennsylvania, facility has now processed vanity applications received from December 1st, 1996, through February 5th, of this year. In all, slightly over 2400 applications were processed. Unfortunately, only half of the applicants managed to successfully snag one of their call sign choices.

The FCC says that it issued 1344 vanity calls from this batch. Another 1000 applications ended up in the dreaded work in process stack for special handling.

Vanity call sign applications continue to arrive at the FCC. Gate 1 opened last May, Gate 1A opened in July and Gate 2 opened in September. There is still no word on when the FCC plans to open Gate 3.

(Via FCC, ARRL)



Lawton / Fort Sill Amateur Radio Club

Comments from the President:

The Lawton Ft. Sill Amateur Radio Club had a very busy month of February. The group provided communications for the 12 Miles of Hell Bike race at Ft. Sill, visited the KSWO TV studio and had a excellent Storm Spotter training by National Weather Service and KSWO TV. "Thanks", to all those making these events happen. The March LFSARC meeting will be Storm Spotter training by our EOC W5KCB and KSWO weather group, this training will be on Net Operation and Spotter Activity.

April 5, 1997 will be the LFSARC's 51st Annual Hamfest at the Great Plains Coliseum in Lawton, OK. Thanks to all the members who have been involved with the many activities, let us continue to have "FUN".

Congratulations to those taking the Amateur test in February, I have heard several new call's. I know there was one nine year old and at least two ladies receiving new calls and making for Amateur Families. There was at least three or four passing their code and upgrading. Once again Congratulation's to all, by the way "THANKS" to KD5RQ Claude and his VE Team, "Great Job Team" Keep talking, Frequencies's not in use are of no value.

73...de Jim, N5UJB President LFSARC

In with the new OUT with the old.

That was the feeling we all came away with after our Channel 7 breakfast and

tour on the February 22. It all started with a casual, "Sure would be nice to show off the new studio Andy (KC5GHH)." With a look at the calendar the event was scheduled then rescheduled. The rescheduling was to make sure that the group would get the benefit of the facility and still allow Channel 7 time necessary to put on a quality news hour.

We all got a chance to see the new amateur station. When compared to the old amateur station, we all had to wonder; HOW'D THEY DO THAT! Much of the new equipment was brought about with the aid of the Emergency Coordinator, Bob Sims W5KCB. He new what was needed and Channel 7 was listening to that voice of experience. The new amateur station gives amateurs working there room to work and still be out of the way.

The entire new facility is now networked. This allows the scripting of news and makes the job of editing and prioritizing so much easier. There are several editing rooms available for reporters to do last minute editing of news, compared to one room and everyone sharing the equipment.

Hats off to Andy Wallace KC5GHH, Dave Wallace, Jim Moore KB8VXA, Jamie Whitehorn. These guys got in there and should off that facility just like they owned it. Jerry Pursely the station manager was instrumental in providing refreshments and making sure that everything else was working too! Special thanks to Jan Straighten, News Director for helping to make this "will see" event into a "WILL DO" event, and Larry Patton the Station Manager.

The facility and staff at Channel 7 is top rate. These folks have a facility to be proud of and make others envious. We are just as proud of them and the new station. The local hams look forward to a long relationship.

Why do you keep sending me the C&E?

It's a top quality newsletter provided to the members of the Lawton - Fort Sill Amateur Radio Club. We have come a

long way, and need your continued moral and financial support to help promote amateur radio. If you do not see your call sign, don't fret, give that sleeping on the job secretary a call and find out why your name is not on the list. Of course if you haven't already renewed, drop off a check for the amount of \$24.00, Individual, \$35.00 for the family and \$7.00 for associate membership. Students under 18 can take advantage of the \$6.00 membership. All members are eligible to vote except the associate member. Mail your check to: LFSARC, P. O. Box 892, Lawton OK 73502. Here is a list of current members. (Ever run a spell checker on a list of call signs?) AB5BW, AB5VL, AC5DH, AC5EB, KA5DXR, KA5FWZ, KA5YED, KB5BG, KB5HBJ, KB5IYB, KB5KKJ, KB5PPU, KB5PPV. KB5RCL, KB5RDB, KB5SMT, KB5SNF, KB5TPX, KB5VKD, KB5ZWM, KC5CYY, KC5EDX, KC5EOO, KC5ERZ, KC5HJU, KC5HJV, KC5HSP, KC5IZN, KC5JAU, KC5JPQ, KC5LKN, KC5NVS. KC5NVU, KC5NVV, KC5NYK, KC5PZJ, KC5SPF, KC5SVR, KC5TTX, KC5TTY. KC5UFV, KC5UFW, KC5UZX, KC5UZY, KC5UZZ, KC5VDC, KC5VUU, KC5VUW, KC5WGG, KC5WOY, KC5YYU, KC7ICM, KC7OPP, KD5RQ, KD6FNY, KJ5AA, KK5QY, KK5WV, KP4YY, N3QZS, N5AUK, N5PYD. N5RXF, N5SAO, N5UJB, N5WTS, N5WTV, N5YHE, NH6CJ, NL7CO, W5KCB, W5OJO, W5PML, WB4FEX, WB5EQR, WB5GVZ, WB5NDN, WD4ESA, WJ5Y



The Joe Harding Memorial Scholarship

Sponsored by Central Oklahoma Radio Amateurs, Inc.

The information requested herein will be used by the selection committee in awarding of the scholarship. All information will be confidential and the application will be seen only by the members of the selection committee. All areas requested will be considered by the committee; however, no single area will preclude an applicant from receiving the scholarship. All applications will receive the same impartial consideration.

If selected, the applicant agrees to allow his/her name to be used in publicity pertaining to the scholarship. Scholarship recipients will be presented a certificate at a conference in Oklahoma City in July.

Applications are to be returned by <u>June 1, 1997</u>. Return applications to:

Forrest Rush, N5VWF P. O. Box 60252 Oklahoma City, Oklahoma 73106-0252 (405)-842-8486

Applicants must be a graduating High School Senior who is a member, child of a member or grandchild of a member of an amateur radio operator. Any questions please feel free to call Forrest, N5VWF. Award to be given at the CORA annual Ham Holiday, July 26th.

SCHOLARSHIP APPLICATION CENTRAL OKLAHOMA RADIO AMATEURS, INC.

NAIVLE:				DATE:	
	LAST	FIRST	MIDDLE		
ADDRESS:					
_	STREET				
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	CITY			STATE	ZIP
PHONE:					
A. Submit an	y informati	on regarding your	scholastic abilities. Please	include your most i	recent transcript and any
of the follow				-	
ACT SCORE	ES:				
SAT SCORE	ES				
RANK IN H	IGH SCHC	OL GRADUATE	NG CLASS:		
			IOOL COUNSELOR AND	TRANSCRIPT REO	UIRED

Collector and Emitter, March 1997
N WHAT SCHOOL (COLLEGE, UNIVERSITY, OR VOCATIONAL SCHOOL) ARE YOU PLANNING TO ENROLL FOR THE FALL?
HAVE YOU RECEIVED ANY OTHER SCHOLARSHIPS? IF SO HOW MANY?:
HOW MANY CREDIT HOURS WILL YOU TAKE THE FALL SEMESTER:
NCLUDE A COPY OF YOUR CURRENT TRANSCRIPT.
NCLUDE A COPY OF YOUR CURRENT CLASSES.
NCLUDE A COPY OF YOUR SCHEDULE FOR NEXT FALL IF AVAILABLE.
B. WHAT IS YOUR MAJOR:
WHY HAVE YOU CHOSEN THIS FIELD?
WRITE AND ATTACH A BRIEF ESSAY ABOUT YOUR EDUCATIONAL AND/OR CAREER GOALS.
C. LIST ACTIVITIES IN WHICH YOU ARE OR HAVE BEEN INVOLVED. INCLUDE EXTRA CURRICULAR ACTIVITIES, SPECIAL PROJECTS, OFFICES IN ORGANIZATIONS, COMMUNITY SERVICE, AND VOLUNTEER WORK.
DESCRIBE ANY ACTIVITIES IN AMATEUR RADIO IN WHICH YOU HAVE BEEN INVOLVED.

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D. OUTLINE YOUR WORK EXPERIENCE.	
E. SUBMIT THREE (3) LETTERS OF REFER	ENCE (FROM INDIVIDUALS NOT RELATED TO YOU)
(PART F. TO BE COMPLETED BY AMATEU	JR RADIO OPERATOR OR RELATIVES OF HAMS)
F. ARE YOU A HAM?	IF SO, CALL SIGN:
CLASS OF LICENSE:	
IS ANYONE IN YOUR FAMILY A HAM?	WHO
HOW IS THIS HAM RELATED TO YOU	
FOR CONSIDERATION OF THIS SCHOLAR	, DECLARE THAT THE INFORMATION PROVIDED SHIP IS TRUE AND ACCURATE. I GIVE MY PERMISSION SEEK ANY INFORMATION AVAILABLE CONCERNING
SIGNATURE OF APPLICANT	Central Oklahoma Radio
DATE	Amateurs, Inc.
LEGITE.	



Choctaw Amateur Radio Club

Announcements -

The next CARC Swap Meet will be 12 April 1997 at the Midwest City Community Center, Reno & Midwest Blvd. next to the library. *Please note a time change! The swap Meet will be open from 8:15am to 11:15am. Tables are \$3.00 each.

Minutes - 17 February 1997

President Mike, N5WNT, opened the meeting at 7:05 with 17 members present. We welcomed three visitors, Norm, W5FLO, Justin, KC5VYI, and Harry, N6YKF.

The minutes were approved as printed in the C&E with two corrections / additions: Chuck, KC5EZS, is the contact person for the computer program that aids in testing your station to see if it passes the new FCC RF safety rules. Don's, N5ENQ, email address is N5ENQ@JUNO.COM.

REPORTS:

Treasury -- Bill, KC5ICR, read the treasurer's report, it was accepted as read.

Swap Meet -- The next swap meet will be 12 April and we need more to help with setup and cleanup. Please come out and help support the club.

YL -- Kay, KB5VJR, reports that it's going fine.

History -- All agreed Kay, KB5VJR, is doing a fantastic job! If anyone comes across any more club history info pass it along to Kay.

Texnet -- John, K5CBP, informs us that the system has been running 100% almost all the time now. Please note the new TCP/IP address coordinator since Joe, K5JB, passed away is J. Frank Fields, KB0QJ. John noted that TAPR's issue #64 of their "Packet Status Register" contains a good article on spread spectrum and the 2mtr and 70cm low orbit satellites. It describes how the low orbit satellite companies "propose" it will work. He also reminded us to try out the DXCluster on 145.910.

OLD BUSINESS:

Email -- Don, N5ENQ, is still compiling an email list so get your message sent to him with your email address to N5ENQ@JUNO.COM. He also added that the 1.25mtr band has been added to the "Little LEOS" list and that the ARRL and AMSAT have issued an opposition statement to that. We all need to send a message to WRC97 saying that we support the ARRL and AMSAT views. Those messages can be sent via email to WRC97@FCC.GOV.

Repeater -- Manuals for the repeater are here. After discussion, a new controller was chosen and authorization given for its purchase. It will have four ports for future flexibility in several areas including an autopatch and linking to the Midwest City area.

NEW BUSINESS:

Vo-Tech Open House -- Many thanks to

Chuck, KC5EZS, for setting up a table at the recent Open House of the Eastern Oklahoma County Vo-Tech on 9 February. It was presented very professionally with literature to hand out, the club history book and other information on display, and packet station demonstrated. Four people interested in

radio signed up for licensing classes.

Many club members showed up to help
man the table, thanks. A good PR time for
the club.

ARRL Video tapes -- Bill, N9SQV, informed us about the ARRL video tapes available for purchase. It was decided to buy the first of the 8 tapes and evaluate it, then decide if we want to buy more. Chuck, KC5EZS, will make the purchase.

Club call -- A proposal for a vanity call for the club was presented by Mike, N5WNT. The call W5FX was confirmed by Norm, W5FLO, to be a silent key. Don, N5ENQ, will check to see if it's available. All agreed it would be a good call.

VE Testing -- An impromptu testing session occurred recently at Bill's, N9SQV, house. Toy, AB5ET, agreed to come over and head the session when an out of town visitor said she was ready to take her test! Along with Bill, N9SQV, Chuck, KC5EZS, provided the third VE. Sophia ended up passing the Novice and Technician test with 100%. Congratulations to her and thanks to the testing team. It was noted that we currently have the following as registered VEs: Bill, N9SQV, Chuck, KC5EZS, George, NX5F, and Dave, WD5G.

The meeting portion adjourned and was followed by a very informative program about computer viruses by Duane, KA5WRG. Thanks Duane!

73 de Marie, KC5HKB



Downloaded from AOL



OKlahoma DX Association

---- FROM THE PREZ ----

Greetings everyone,

Leaves and blooms are popping out, so it must be Green Country Hamfest time.

Look for the OKDXA Booth and Business Meeting.

I regret to report that Steve Sweetko, AA4BG, has resigned as one of our two vice-presidents. Steve accepted the position with many good intentions and goals but his job situation changed dramatically and he no longer has the time to devote to the position. I appreciate the contributions Steve has made. I look forward to the time when he can come back and take a position again.

I have asked Craig Boyer, AH9B, to fill the vice-president position for the remainder of the term. Craig has accepted. All of you know Craig and know he will be an asset to our group of office. Thanks Craig for accepting the position.

We have several subjects to discuss at Green Country - Field Day, Banquet, Club Incorporation, and Club Contesting. I hope you will join us. I will see you there.

73! Jim Hood, K5TT

CONTINUUM

by Coy Day, N5OK

Palau, Belau, Palau, Belau... Hey What's the Deal? By Coy Day, T88T

Some of the most beautiful islands in the world lie in the Western Pacific Ocean. (That's right Western NOT South Pacific) The Republic of Palau (Official name) contains some of the most beautiful of those islands, both above and below the sea. Palau (Official short name) is actually 7 degrees North of the equator in the East Philippine Sea.

The islands were originally discovered by Ruy Lopez de Villalobos in 1543. He named the islands Arrecifos! So where did this Palau/Belau contention come from? Later when Spain's claim to the islands was recognized they named them Los Palos. That is where the current name of Palau was derived from. I guess that settles that but how about the Belau listing in the ARRL DXCC Countries List. Good question.

Each of the four times that I've been to Palau, I've had ample time to visit with Father Felix Yauch S.J.. Father Felix is native born Palauan and is a wealth of knowledge. I had noticed on some of the signs on Palau that were in the native language they referred to Palau as Belau. When I asked him about them, he said that it was really quite simple. Palau had been named for them by the Spanish. However in their native language the sound of the letter 'P' does not exist but the letter 'B' does. If you have studied language you know that the only difference between 'P' and 'B' is that 'B' is voiced and 'P' is not. To prove this all you have to do is hold your throat while making the sound of the two letters and you will see what I mean.

That explains part of it but not why the ARRL lists it as Belau. I suppose they may have thought that when Palau gained its independence, they would drop English as the official language and rename the country the native Belau. That hasn't happened. Besides, many countries around the world call their country by different names than we call them. In Greece they refer to their country as Hellas and in Spain, Espana. We don't list them as that in the DXCC listings.

So what's the bottom line. The State Department, the CIA, the United Nations, and the Republic of Palau all recognize the official name as the Republic of Palau. Maybe we can call Bill Kennamer, K5FUV, and ask,"Hey, what's the deal?"

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

AH4/AH0W QSLs are hitting the mail OKDXA member Frank Smith has advised that cards for last fall's Central Arizona DX Association trip to Wake

Island are now hitting mailboxes.

QSLing was interrupted mid-stream by a malfunctioning printer which was being used to generate the labels for the cards.

Watch for the mailman!

Thanks to Frank for this update. Frank also says they are planning another DXpedition for possibly this fall. He did not mention any possible destinations. Thanks Frank!

No Pratus (BV9) operation in early '97
The Ohio/Penn DX Bulletin reports the following.

"Joe Fitter, BV/N0IAT in Taipei, Taiwan R.O.C., reported the following this past week: "Had a nice discussion with several of my Taiwanese/Chinese hams during the Chinese Lunar New Years holiday.

One of the topics of discussion was the upcoming DXpedition to Pratas Island, one of the newest of DXCC countries.

It is with a sad note that I must report that the application to revisit Pratas Island was rejected. Citing military preparedness, the official rejected the application for a return to the island for DX operations. So, at this time, there is no plan for a return to Pratas Island during the first half of 1997.

For those not aware, Pratas is one of the Republic of China's strongholds and it is primarily an island of military installations, and not for civilian use. It was with great privilege that the BV9P operation(s) were able to occur on Pratas. It is with hope that a future operation to Pratas will be realized, either in the second half of 1997 or early 1998"

Regards, Joe Fitter, BV/N0IAT

BS7H will air in late April!

Tim Totten, N4GN, made this exciting announcement via the internet DX Reflector on 16 February.

BS7H 1997 DXpedition to Huang Yan Dao (Scarborough Reef), 16 February, 1997

The Chinese Radio Sports Association (CRSA) has today announced plans for the third DXpedition to Huang Yan Dao, located in the South China Sea. A multinational team, led by BZ1OK and

JA1BK, will set sail from the southern Chinese port city of Guangzhou (a.k.a. Canton) on 28 April, and is expected to commence the one-week operation from Huang Yan Dao on Wednesday, 30 April, using the call sign BS7H.

The primary goal of this operation is to provide at least one QSO with as many individual DXers as possible. For this reason, the operators will concentrate on those regions having the most difficult propagation paths (e.g., the eastern half of the U.S.), giving DXers in every corner of the globe the best possible chance to make it in the log.

A secondary goal will be to provide QSOs on additional bands and modes, including 160 through 6 meters, CW, SSB, satellite and RTTY, with as many as four stations simultaneously on the air. Operators for BS7H 1997 include BZ1OK, JA1BK (who will also serve as QSL manager), JA1RJU, W6EU (ex-WA6AUE) N7NG, W6RGG. The complete operating team, as well as the list of transmit frequencies, will be announced once they have been finalized.

BS7H 1997 will also employ an 'operations support network' consisting of several stations throughout the world which will be in constant communication with the operating team from the time of family. their departure until their safe return. This will allow the world-wide DX AA4BG resigns as VP ... community an opportunity to follow the progress of this international project and provide feedback to the operating team in near real time.

Thanks to the CRSA's tireless efforts to promote Amateur Radio within the People's Republic of China and to develop relationships with key agencies, this DXpedition enjoys strong support from the PRC government. In particular, the DXpedition team wishes to recognize the assistance of the Ocean Bureau and Sports Commission. (The Sports Commission is a ministry-level organization responsible for regulating Amateur Radio in the PRC.)

Finally, a very special thanks is due to the early sponsors of BS7H 1997--Yaesu,

Cushcraft, the Northern California DX (NCDXF) Foundation and the International DX Association (INDEXA). Yaesu has provided five transceivers and an amplifier. Five HF antennas have been supplied by Cushcraft. NCDXF and INDEXA have each contributed significant financial support to this operation. Individual contributions to BS7H 1997 will be gratefully accepted at the conclusion of the operation.

Further details will be announced on the DX reflector and the BS7H 1997 Home Page

(http://www.iglou.com/n4gn/sr/)

as they become available. For additional information, please contact Tim Totten, N4GN (ex-KJ4VH), at e-mail n4gn@iglou.com or fax +1-502-239-7766.

---- OKDXA STUFF -----

W5CKT SK

Ross Hunt reports that Clegg Hahn, W5CKT, of Bartlesville, became a silent key in early January according to Larry, W5VHP. Clegg was around 80 years old and was a long-time member of the OKDXA.

OKDXA co-VP, Steve Sweetko has had to resign his elected post due to increased job demands. Steve writes to President Hood, " ... I have been traveling extensively and just extremely busy with my job. It looks like 1997 is going to be just as grueling. Because of my difficult schedule and for the benefit of the OKDXA I am giving you my resignation as Vice President to be effective immediately. Additionally, I still have not heard anything further from Ken East regarding the clubs incorporation. He seems to be very busy with his business. Best regards and 73. Steve Sweetko, AA4BG."

Thanks to Steve for serving in this For details on what is required visit capacity.

Craig Boyer, AH9B, appointed to fill VP vacancy

President Jim Hood has asked OKDXA Director Craig Boyer, AH9B, to fill the Vice President position vacated by Steve Sweetko. Craig has accepted and will serve through September 31, 1997.

Green Country Hamfest

The first major hamfest of the season is coming up this month and that means the first OKDXA gathering! Tulsa's Green Country Hamfest is scheduled this year for Saturday, March 15.

The OKDXA plans again to be present so look for our booth in the fleamarket. The hamfest is providing a booth free-ofcharge! Thanks!

President Hood asks the membership to advise him about any business that needs to be addressed. Our meeting will be at 1:10 pm at the hamfest. He has listed these items for possible consideration:

> Oklahoma QSO party Club contesting Field Day Incorporation Club Call Sign and use thereof

If you know of something else that needs Our sympathies are extended to his to be considered please contact K5TT.

> KD5FX will champion entries into TAPR directory

Dave Land writes,

"I got an email today from TAPR. We (the OKDXA) have been accepted as the organization to enter the data into their Digital Directory for Oklahoma. I will volunteer to co-ordinate this effort but will need help.

I can send in the info for most of this area but will need lots of help with other parts of the state. Those of you who are willing and know the information, please fill out the required information for the nodes that you know of and spread the word to other node-ops to get their info too.

http://www.tapr.org/directory/how.html

Also, please use the spreadsheet to enter your data and then send it back to me with all the info you can. I will then merge all the data files into one and FTP them to the TAPR site. If you have questions or suggestions on a better way, please drop me a note. Thanks & 73, Dave

Current Email Directory

Be sure to peruse the list and update your address books (* indicates a new address or a change).

Bargmann, Nate KA0RNY nbargman@fullnet.net Boyer, Craig AH9B ah9b@ionet.net *Bromley, Jay W5JAY w5jay@fs.cei.net Buford, Bob KD5QD kd5qd@juno.com Burnette, Bruce K5PX nw5h@worldnet.att.net Byard, Mark N5OGP n5ogp@pcok.com Calhoun, Charlie W0RRY W0RRY@aol.com Calhoun, Charlie, Jr. KB5ZUD kb5zud@tulsa.com Case, Ken K5KC CaseKE@aol.com Case, Lynn W5LC CaseKE@aol.com Chouinard, Jerry K5YAA k5yaa@gnn.com Day, Coy N5OK *n5ok@telepath.com Doty, Ted AA5CK aa5ck1@juno.com Ewell, Mark KC5IZN 71250.1327@compuserve.com Feigel, Don N5JK n5jk@aol.com Gibson, Bob W0RJS w0rjs@okla.net Gillespie, Robert WB5KJE cqdx@iamerica.net Goodnight, Gerald K5KJB night@icon.net Guida, John NJ1V njlv@phoenix.net Hahn, Clegg W5CKT 74554.1214@compuserve.com Hargrove, Loyd AB5I *ab5i@swbell.net Hood, Jim K5TT

wv5s@icon.net

Horn, Dave W5AO dhornosla@aol.com Hunt, Ross K5RH rhunt@vm.tulsa.cc.ok.us Ingram, Jay W5QVS 74646.125@compuserve.com Ketch, A. J. N5NJA n5nja@juno.com Kukuk, Rick, K5KGO rick.kukuk@inthenet.com Kukuk, Linda AA5GS rick.kukuk@inthenet.com Land, Dave KD5FX daveland@pcok.com Laszynski, Thomas K8JRM k8jrm@ionet.net Martin, Erik N5WR k5we@MCI2000.com Martin, Jeff K5WE k5we@MCI2000.com Mathis, John K5CBP 74743.3256@compuserve.com Miller, Hal KB1ZQ n1lpn@swbell.net Miller, Linda N1LPN nllpn@aol.com Richards, Jerry AB5SE ab5se@ipa.net Richardson, Jim N5OHL jrichard@po6.tinker.af.mil Romere, David KA5OWI dromere@ionet.net ka5owi@amsat.org Ruggieri, Russell N6EU ruggieru@ix.netcom.com Ruggieri, Rhonda N6SKI ruggieru@ix.netcom.com Russell, Dick K6SSD kj5vv@aol.com See, Bob N5PC n5pc@juno.com Sikes, Clif AB5UA csikes@brightok.net Smith, Frank AH0W ah0w@primenet.com Sweetko, Steve AA4BG sweetko@worldnet.att.net Thomason, John WB5SYT wb5syt@aol.com Thompson, Vince K5VT vince@getnet.com Vandagriff, Tim WA5YOM wa5yom@wb5cqu.ampr.org Vidmar, Richard K9KK k9kk@ionet.net Warren, Troy KE5K

ke5k@ionet.net

Wells, Ken V73C
v73c@ionet.net
*Williamson, Ron KJ5FG
Kj5fg@aol.com
Winnard, Richard KB5TCY
*kb5tcy@juno.com
Winnard, Tony KK5LH
kb5tcyrwinnard@juno.com
Wolf, Glenn AB5RQ
gwolf@seark.net
Wright, Craig KB5BOB
clw@icon.net

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

---- MISCELLANY -----

Son's of Sicily Contest Club (SSCC) receives vanity call

The SSCC Founder, Director, and Grand-Poobah, Mr. John Guida, NJ1V, Esq., announces that they (well just him and Ruthie right now), have received N5OA as the club call sign. Your author told John that the "N5O.." calls were indeed prestigious and that he ought to feel honored. John replied that after enduring daily Houston-area commutes he was lucky to "feel" anything! ha Stay tuned as the SSCC saga continues.

VK0IR souvenirs

You can help support the Heard Island DXpedition through the purchase of several unique souvenirs.

Coffee mugs - white on black (@ \$15) and 4-color (@ \$20) coffee mugs. Order directly from Bob Schmieder, KK6EK, 4295 Walnut Blvd, Walnut Creek, CA 94596.

Tee-shirts - cotton, sizes adult S-XXL, and XXXL by special request, \$20 U.S. (\$25 airmail DX) available from Tom Anderson, WW5L, 3505 Cliffwood Drive, Bedford, Texas 76021-2043.

A professional quality video will be made available around May 1997 (for information and orders, please contact Peter Casier, ON6TT, Oude Heerbaan 30, B9230 Wetteren, Belgium). Cordell Expeditions books

Robert Schmieder, KK6EK, expedition leader and/or participant for several recent mega-DXpeditions has established a web site to advertise books written about these Amateur radio adventures as well as his purely scientific investigations. Check out this URL:

http://www.ccnet.com/~cordell/ CE_books.html

Bob says, "the book about the Heard Island DXpedition VK0IR is in progress. If any of you have an interesting story you would like to contribute, please write. I especially would like to hear from anyone who monitored the VK0IR/B beacon, but any stories will be welcome."

Reflectors/List Servers for DX info

Several of our members have asked for a compilation of DX/Contest related internet reflectors and list servers with their respective subscription and submission procedures. So here it is! This will also be placed on the OKDXA Web site under a new major section. Look for it soon.

Quotation marks (" ") are used here only to set addresses and typed text apart from these instructions and should never be included in actual usage. Our appreciation is extended to those who administrate these services.

425 DX News Mailing List (Reflector)

Purpose - To automatically distribute the weekly 425 DX News bulletin, and also to serve as a DX Reflector. Any kind of DX information is welcome except for QSL info requests.

Subscription procedure -

- 1) Address email to
- "Majordomo@pc.fr.flashnet.it"
- 2) Nothing in Subject field
- 3) In message body type only "subscribe
- 425dxnews your_addr" (Put your email address in place of "your addr")

Unsubscription procedure -

- 1) Address email to
- "Majordomo@pc.fr.flashnet.it"
- 2) Nothing in Subject field

3) In message body type only "unsubscribe 425dxnews your addr" (Put your email address in place of "your_addr")

Posting a message to the reflector -Address email to "425dxnews@pc.fr.flashnet.it"

Help -

- 1) Address email to "425DXNEWS owner@pc.fr.flashnet.it"
- 2) Appropriate Subject field
- 3) In message body type your message

Administrator - Mirko Caserta, IK0ZSN ik0zsn@amsat.org

CQ Contest Mailing List (Reflector) Purpose - CQ-Contest@TGV.COM is an electronic mail reflector dedicated to hams interested in all types of amateur radio contesting. This is a good place for contest-related announcements, discussions, and rumors. This forum is more like the NCJ than QST.

Subscription procedure -

- 1) Address email to "cq-contestrequest@tgv.com"
- 2) Nothing in Subject field
- 3) In message body type only "subscribe"

Unsubscription procedure -

- 1) Address email to "cq-contestrequest@tgv.com"
- 2) Nothing in Subject field
- 3) In message body type only "unsubscribe"

Posting a message to the reflector -

- 1) Address email to
- "cq-contest@tgv.com"
- 2) Appropriate Subject field
- 3) In message body type your message

FAQ sheet -

http://www.contesting.com/cq-contestfaq.html

Administrator - Trey, N5KO trey@cisco.com

DX Mailing List (Reflector)

Purpose - Dedicated to the discussion of Amateur Radio DXing. This is the place

to exchange tips and techniques, to discuss hardware, awards, DX related software, upcoming announce DXpeditions, and etc. Anything relating to DX is fair game except for 1) flames and 2) contest and contesting information (which has a dedicated reflector of its own).

Subscription procedure -

- 1) Address email to "dxrequest@ve7tcp.ampr.org"
- 2) Nothing in Subject field
- 3) In message body type only "subscribe"

Unsubscription procedure -

- 1) Address email to "dxrequest@ve7tcp.ampr.org"
- 2) Nothing in Subject field
- 3) In message body type only "unsubscribe"

Posting a message to reflector -Address email to "dx@ve7tcp.ampr.org"

Help -

Address email to

"lyndon@ve7tcp.ampr.org"

FAQ Sheet -

http://ve7tcp.ampr.org/Lists/dx.html

Administrator - Lyndon, VE7TCP dxrequest@ve7tcp.ampr.org

Ohio/Penn DX Bulletin Mailing List (Server)

Purpose - To distribute the Ohio/Penn DX Bulletin and other relevant DX bulletin information.

Subscription procedure -

- Address email to "opdxrequest@nshore.org"
- In Subject field type "subscribe"
- 3) Nothing in the message body

Unsubscription procedure -

- 1) Address email to "opdxrequest@nshore.org"
- In Subject field type "unsubscribe"
- 2) Nothing in the message body

Moderated submissions -

Address email to "opdx@nshore.org"

(All submissions that are relevant to the Mailing List will be distributed to ALL subscribers)

Administrative matters -

- Address email to "opdxrequest@nshore.org"
- 2) Appropriate Subject field
- 3) In message body type your message

To submit DX information for the Bulletin Address email to
"kb8nw@barf80.nshore.org"

Administrator - Tedd, KB8NW kb8nw@barf80.nshore.org

QSL Mailing List (Reflector)

Purpose - Exchange of all types of QSL information including asking help with routes/addresses.

Subscription procedure -

- 1) Address email to
- "Majordomo@larry.wu3v.net"
- 2) Nothing in Subject field
- In message body type only "subscribe qsl"

Unsubscription procedure -

- 1) Address email to
- "Majordomo@larry.wu3v.net"
- 2) Nothing in Subject field
- In message body type only
- "unsubscribe qsl"

Posting a message to the reflector -Address email to "qsl@larry.wu3v.net"

Help -

- 1) Address email to
- "Majordomo@larry.wu3v.net"
- 2) Nothing in Subject field

3) In message body type only "help qsl"

Administrator - Larry, WU3V

Top Band Mailing List (Reflector)
Purpose - 160m DXing and Contesting

Subscription procedure -

- Address email to "TOPBANDrequest@contesting.com"
- 2) Nothing in Subject field
- In message body type only "subscribe"

Unsubscription procedure -

- Address email to "TOPBANDrequest@contesting.com"
- 2) Nothing in Subject field
- In message body type only "unsubscribe"

Posting a message to the reflector -Address email to "topband@contesting.com"

FAQ Sheet -

http://www.contesting.com/topband.html

Top Band Archive http://www.contesting.com/_topband/

Administrator - Bill, W0ZV w0zv@contesting.com

Towertalk Mailing List (Reflector)

Purpose - Devoted to the discussion of tower and antenna installation and all related subjects.

Subscription procedure -

- 1) Address email to "towertalkrequest@akorn.net"
- 2) Nothing in Subject field
- 3) In message body type only

"subscribe"

Unsubscription procedure -

- Address email to "towertalkrequest@akorn.net"
- 2) Nothing in Subject field
- In message body type only "unsubscribe"

Posting a message to reflector -Address email to "towertalk@contesting.com"

Help -

Address email to

"k7lxc@contesting.com"

Administrator - Steve, K7LXC k7lxc@contesting.com

W1AW Mailing List (Server)

Purpose - Distribution of all the ARRL Bulletins including the ARRL DX Bulletin.

Subscription procedure -

- Address email to "wlaw-listrequest@arrl.org"
- In the Subject field type "subscribe your_addr"
- 3) Nothing in the message body

Unsubscription procedure -

- Address email to "wlaw-listrequest@arrl.org"
- In the Subject field type "unsubscribe your_addr"
- 3) Nothing in the message body

Web sites with all kinds of LIST information

http://www.cam.org/~dino/hamlists.html

http://ve7tcp.ampr.org/Lists

http://www.contesting.com/reflectors.htm

(405) 524-3770



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A. R. R. L. Bulletins

From ARRL Headquarters Newington CT

To all radio amateurs

ARRL Bulletin 11 February 21, 1997

FCC new toll-free number

The FCC has designated a new, toll-free (WATS) number for Amateur Radio license inquiries--including inquiries about vanity and new call signs. The new number, 888-225-5322, will connect callers to the FCC National Call Center, handled by the FCC's Consumer Information Bureau.

Callers to the old consumer information number will get a message referring them to the new number.

ARRL Bulletin 10 February 18, 1997

Section Manager election results
Ballots have been counted in the Section
Manager elections for the Arkansas and
Northern Texas Sections. Terms of office
begin April 1, 1997.

The results are as follows:

In the Arkansas Section Roger W. Gray, N5QS, 525 votes
E. Glenn Wolf, Jr., AB5RQ, 185 votes
Gray was declared elected

In the Northern Texas Section -Bob Adler, N5NY, 785 votes Dave Allen, WD8LDY, 146 votes Bill Revis, KF5BL, 470 votes Adler was declared elected

Eight other sections were not contested. The following were declared elected: In the Arizona Section Clifford Hauser, KD6XH

In the Iowa Section James Lasley, NOJL

In the Idaho Section Mike Langrell, AA7VR In the Kentucky Section Bill Uschan, KC4MIS

In the Mississippi Section Ernie Orman, Jr., W5OXA

In the Montana Section Darrell Thomas, N7KOR

In the Orange Section Joe Brown, W6UBQ

In the Wyoming Section Robert Williams, N7LKH

ARRL Bulletin 9 February 14, 1997

FCC resumes vanity processing.

The vanity floodgates have reopened. The FCC office in Gettysburg, Pennsylvania, has processed vanity applications received from December 1, 1996, through the present. In all, slightly more than 2400 applications were processed, but only slightly more than half of the applicants managed to successfully snag one of their call sign choices. The FCC made 1344 grants. More than 1000 applications ended up in the dreaded work in process (WIPS) stack for special handling. It*s expected that most of the WIPS applications will be dismissed because the FCC was unable to grant any of the applicant*s requested call sign choices. In other cases, the FCC must resolve apparent discrepancies in the applicant*s name, address or call sign.

A backlog of WIPS applications had held up vanity processing for approximately two months, as personnel in Gettysburg worked to clear the decks. Prior to the recent big wave on February 12, a few vanity grants had trickled out of Gettysburg as the staff worked its way through the WIPS pile. Vanity call sign applications continue to arrive at the FCC. Gate 1 opened last May, Gate 1A opened in July and Gate 2 opened in September. There is still no word on when the FCC plans to open Gate 3.

ARRL Bulletin 8

February 14, 1997

Comments needed, Little LEO

Commercial satellite interests seeking access to bands below 1 GHz--including amateur allocations at 146 and 430 MHz-now have added 220 MHz to their "wish list." For the first time, Little LEO (lowearth-orbiting satellite) interests have proposed including 219-225 MHz in their list of desired allocations for the nonvoice, non-geostationary (NVNG) mobilesatellite service (MSS). The move was contained in the industry's so-called "flexible allocation proposal," delivered at the February 13, 1997, meeting of FCC Informal Working Group (IWG) 2A. Little LEO targets now include 146 to 148, 219 to 225 and 430 to 450 MHz. The ARRL and AMSAT were among those objecting to the concept, and the League is urging those who agree with their position to comment to the FCC by March 4. IWG-2A has been preparing draft proposals for the 1997 World Radiocommunication Conference (WRC-97). These will be reviewed during a March 5 meeting of the FCC's WRC-97 Industry Advisory Committee that is preparing draft proposals for consideration by the United States as it gets ready for WRC-97



The ARRL and AMSAT statement said the latest proposal affecting amateur allocations in the 219 to 225 MHz segment came "at the last possible moment" and "without any technical support whatsoever." The League and AMSAT pointed out that the little LEO proponents have had more than a year to complete a technical study of the possibilities of sharing with the amateur services in the 144 to 148 MHz and 420 to 450 MHz bands. "They have not demonstrated compatibility for sharing these amateur bands but over the evolution of their document have proposed various 'new ideas' for use of these bands."

The little LEO flexible allocation strategy for WRC-97--submitted as IWG-2A/86 (Rev. 6)--is to propose broad allocations. The apparent theory is that most administrations would find reasons to oppose little LEO use of specific bands in the crowded spectrum below 1 GHz, but that a broad allocation would permit different implementations in different countries depending on local circumstances.

At the February 13 meeting, a coalition of spectrum interests--including land mobile, amateur, broadcasting, and military-opposed the flexible allocation concept on three grounds: that the concept is simply an invention to avoid performing technical sharing studies that would demonstrate the unfeasibility of sharing; that it is inconsistent with decades of ITU allocations practices; and that, if adopted, the concept would be counter to US interests. The coalition document is identified as IWG-2A/107.

The ARRL and AMSAT submitted a further statement of opposition, citing the absence of any technical studies that might support sharing with the amateur service or the amateur-satellite service and pointing out that the little LEOs have completely mischaracterized the nature of ITU Resolution 640 regarding the use of certain amateur bands in the event of natural disasters. The ARRL/AMSAT paper, revised to reflect opposition to the late proposal to include 219-225 MHz, is identified as IWG-2A/108 (Rev. 1).

Amateurs also might find interesting the comments of the Department of Defense, identified as IWG-2A/101 (Rev. 1). These address the 430 to 450 MHz segment the Little LEOs seek to share.

Anyone wishing to register support for the ARRL/AMSAT submission should send a brief e-mail message to HREF="mailto:wrc97@fcc.gov">wrc97@ fcc.gov. The Subject line should say "Reference No. ISP-96-005 IWG-2A." A simple statement to this effect, "I support the ARRL/AMSAT opposition to the NVNG MSS flexible allocation proposal," will be included in the public record and will help to drive home the point that there is broad-based opposition to poorly conceived sharing proposals.

Please note. The proposals the League opposes are not FCC proposals, nor are they endorsed by any other branch of the government. They are industry proposals. The League's objective is to demonstrate there is broad citizen opposition to the industry proposals, so the government will not adopt them as US proposals. So, please don't "flame" the FCC if you comment.

Additional arguments or evidence also is welcome. Important. Comments should reach the FCC no later than March 4, 1997.

The complete ARRL/AMSAT opposition statement and other comments will be posted by February 15 on the ARRLWeb page, http://www.arrl.org/ under Band Threat News.

ARRL Bulletin 6

February 6, 1997

Vanity call update

Vanity call sign processing apparently will remain on hold for a while longer as the FCC's Gettysburg, Pennsylvania, office continues to deal with a backlog of vanity applications that required special handling--the so-called WIPS (work in process) stack. As of February 6, WIPS was backlogged to mid-November. An FCC spokesman said the FCC will process vanity applications received in December, January and February--in parts or all at once--after it has completed work on the WIPS backlog. The FCC has not processed any vanity call sign applications since mid-December, but some new call signs have trickled out over the past

on WIPS applications. The last applications processed were received by the FCC prior to December 1, 1996.

Although vanity Gate 2 opened in late September, the program remains popular, and vanity call sign applications continue to pour into Gettysburg office. During January, Gettysburg got 945 applications, 479 on paper and 466 filed electronically.

The FCC has not said when Gate 3 will open.

ARRL Bulletin 5

January 31, 1997

ARRL members asked to comment

ARRL members are being invited to add their ideas, comments and recommendations to those of the ARRL WRC-99 Planning Committee, which has suggested sweeping--and potentially controversial--changes to the Amateur Radio licensing structure in the US. On the table for open discussion and debate are proposals that include:

elimination of the Novice license creation of a new Intermediate license to replace the Technician Plus

greater hf privileges for intermediate licensees than for the existing technician plus, including phone on 160, 75 and 15 meters

a 10-wpm General CW test (with more stringent testing standards for all CW exams)

expanded phone privileges for Generalclass and higher licensees

Details of the plan, discussed during the recent ARRL Board of Directors meeting in Albuquerque, New Mexico, will appear in March QST. The Board says it seeks comments from members to ensure that before any plan goes forward, it enjoys broad support from the amateur community. The Board will not act on the issue at least until its July meeting.

After its research revealed that as many as three Novices in four are inactive, the committee concluded that the Novice license is no longer useful. Although the committee would end the Novice license,

its plan provides current Novices with an easy means to upgrade (via an open-book test) to the new Intermediate class license. which would replace the current Technician Plus. All present Tech Plus licensees would become Intermediate The Basic license would licensees. supplant the Technician license-now the hobby's most-popular entry-level ticket-with no changes in privileges. In addition, the committee's plan would phase out the current Novice and Tech Plus bands on 80, 40 and 15 meters, and replace them with new Intermediate-class allocations. The committee's consensus plan for Intermediate-class licensees calls for new CW bands on 80, 40 and 15 meters starting 25 kHz up from the lower band edge, digital and phone-band privileges on 75 and 15 meters and a 50-kHz phone or CW segment at the top end of 160 meters, plus expanded Novice and Tech Plus CW and phone allocations on 10 meters.

According to the proposal, Intermediate CW bands would be 3525 to 3700 kHz, 7025 to 7050 kHz, 21025 to 21150 kHz and 28050 to 28300 kHz. Digital operation was suggested for 3600 to 3625, 21100 to 21125 and 28100 to 28189 kHz. Phone privileges would include 1950 to 2000, 3900 to 4000, 21350 to 21450, SSB from 28300 to 28500 and FM from 29500 Intermediate-class licensees would be limited to 200 W PEP output (other licensees using these bands would not be limited to 200 W, however).

General-class and higher amateurs also would benefit from the plan, if it's adopted according to the committee's outlines. General-class hams would get additional phone privileges 3800 to 3850, 7200 to 7225, and 21250 to 21300 kHz; Advanced-class hams would add 3725 to 3775, 7125 to 7150 and 21175 to 21225 kHz; Extra-class hams would also have 3700 to 3750, 7125 to 7150 and 21150 to 21200 kHz.

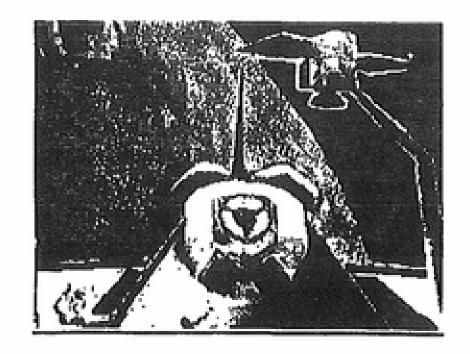
With the exception of 40 meters, where Novice and Tech Plus licensees already have privileges, the committee suggested no changes on the hobby's narrowest and most crowded bands--including 20 meters

and the narrow WARC bands at 30, 17 and 12 meters.

The Intermediate CW test would be 5 words per minute (the same as the current Tech Plus requirement), but the committee proposed that the General class CW requirement be set at 10 wpm. There still would be no additional CW exam for the Advanced ticket, nor would there be any change in the 20-wpm requirement for the Extra. Exams for all classes would include a return to a sending test and the requirement for one minute of solid copy during a five-minute test--instead of the current method that tests on the content of the CW text.

Right now, these major changes are only in the talking stage. "Let us be very clear about this," said ARRL Executive Vice President David Sumner, K1ZZ, who characterized the committee's proposals as a starting point for discussion, not a done deal. "The changes are not ARRL policy; nothing has been proposed to, or by, the FCC, and the ARRL Board is committed to making no decision before its July 1997 meeting." Sumner said there is no timetable to complete the process. Only after there is an opportunity for in-depth consideration and discussion by the membership will the ARRL Board consider taking the next step--to approach to 29700 kHz. Transmitter power for the FCC with a rulemaking proposal--a automatically process that invites additional comments and suggestions.

> Between the time they receive March QST and the end of May, members are asked to voice their opinions on the committee's suggestions to their directors, whose postal and e-mail addresses are listed on page 10 of QST. All suggestions and comments--positive and negative-are welcome.



Newsline (Con't)

WRTC 2000 TO BE HELD IN SLOVENIA

Slovenia will be the site of the year 2000 Radiosport Games. The Slovenia Contest Club is will be the host of WRTC 2000 with S50A, S53R, S59AA and S59L serving on the initial planing committee in Slovenia.

For now, all official WRTC 2000 messages will come from and inquiries should be sent to:

> S50A **WRTC 2000** c/o Slovenia Contest Club Saveljska 50 1113 Ljubljana Slovenia

(Via ARRL)

DX

In DX, T32Z, has been quite active from Christmas Island. His CW and SSB activity varies between 01:30 to 08:00 UTC and also around 19:00 UTC. Check 21.005, 14.180, 7.003 and 1.826 MHZ.

Also, N7KH, the sister of T32Z, reports that her brother is very concerned that wrong QSL information is being circulated in some DX publications. The correct QSL information is via N7YL, and always has been. (Via DXNS)

A 73 KHZ RECORD IN THE U.K.

The RSGB reports that Mike Dennison, G3XDV, and Peter Dodd, G3LDO, are claiming to be the first in making a crossband contact involving Great Britain's new 73 KHz band. Running 20 watts on 72.5 kHz to a 200-foot loop antenna, Dennison was able to contact Dodd. Dodd was about 600 feet away operating portable and using a short length of wire for a receiving antenna.

Talk-back was on 432 MHZ. Both indicate this contact is a test in preparation for what is expected to be their first two way contact on 73 kHz. (Via GB2RS, ARRL)

W5KS

Lawton – Ft. Sill

Amateur Radio Club 51st Annual HAMFEST

and Computer Fair

Great Plains Coliseum April 4th & 5th, 1997





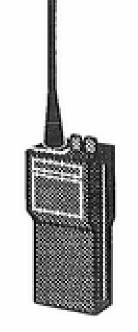
Radio Shack Stores of Lawton
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Johnson Computer Service of Lawton



ATV • Satellite • Packet • Seminars

— VE Testing — Novice and Tech – 7 P.M. Friday All Levels – 1 P.M. Saturday

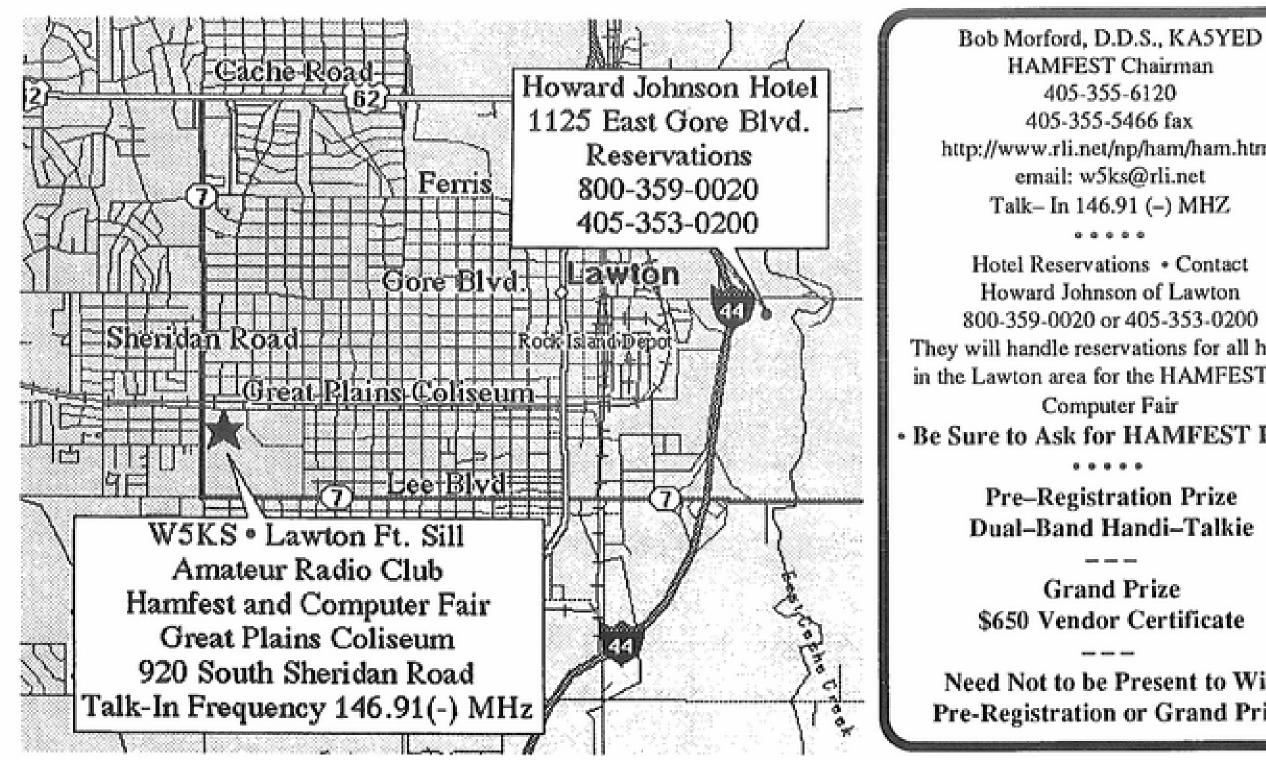
Free Chili Dinner Friday Evening!!!
All are Welcome to Assist with Set-Up
Tables May Set-Up 5:00 – 9:30 P.M. Friday







W5KS HAMFEST and Computer Fair • P.O. Box 892 • Lawton, OK • 73502



HAMFEST Chairman 405-355-6120 405-355-5466 fax http://www.rli.net/np/ham/ham.html email: w5ks@rli.net Talk- In 146.91 (-) MHZ

Hotel Reservations . Contact Howard Johnson of Lawton 800-359-0020 or 405-353-0200 They will handle reservations for all hotels in the Lawton area for the HAMFEST and Computer Fair

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Additional Name(s) and Call Signs: Address:	Registration must be postmarked by March 31, 1997 for Pre-
City: State: Zip Code:	registration prices and prize eligibility
Phone/FaxNumber/EMail:	• • •
Pre-Registration Passes at \$4.00 each (\$5 @ door):\$X# = \$	Check or Money Order
Pre-Registration Tables at \$8.00 each (\$10 @ door):\$X#= \$	Payable to: W5KS HAMFEST
Please Note: Table Purchase does not include HAMFEST Pass!!!	• • •
Electrical Outlet Fee\$5.00 =	Please Do Not Send Cash through the Mail
Total Amount Enclosed\$	

Up - Coming Swapmeets

March 15 & 16, 1997 - Green Country Hamfest / ARRL State Convention. Dealers, VE Testing, Flea Market, Banquet. For more information write Green Country Hamfest P. O. Box 470132 Tulsa, OK 74147-0132

April 4 & 5, 1997 - Lawton - Ft Sill Amateur Radio Club's 51st Annual Hamfest. See ad in this month's Collector and Emitter for more information.

April 12, 1997 - Midwest City Swap Meet sponsored by Choctaw Amateur Radio Club. From 8:15 a.m. to 11:15 a.m. Location Midwest City Community Center. For more information contact Bill, N9SQV at 390-1514.

April 12 &13, 1997 - Tri-State Hamfest & Eyeball QSO in Mooreland, OK at the community building on SH412. New equipment dealers, lots of Free swap tables, VE testing, Several Demonstrations, Women's programs, Door Prizes. Cost \$3.00 at the door.

April 19, 1997 - Tailgate Swap meet sponsored by the North Central Oklahoma ARES Group in Enid, OK 8:30 a.m. to 1:00 p.m. Behind the McDonalds US81 & Main St.

April 19, 1997 - Ham Expo '97 Spring 'Fest sponsored by Temple Amateur Radio Club, Temple TX. Billed as the largest indoor ham tailgate swapfest in the world. For more information contact mlefan@vvm.com or phone 817-773-3590

ANNOUNCEMENTS

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

VE exams on 3rd Saturday of each month are held at 0900 in Math Science building at Rose State College in Midwest City.

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

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

VE exams on 4th Tuesday of even months are held at 1830 at the Altus Vo-Tech in Altus, OK. Contact George Mateyo AA1IJ for details.

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

VE exams on the 1st Saturday of each month at 1430 in the Vinita City Hall sponsored by Northeast Oklahoma Radio Assn.

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

On the Air

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

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

6 meter check in 52.525 Mhz simplex

Packet check-in on 145.07

Salvation Army - Second Saturday of the month @ 8:00 a.m. on 146,22/82.

HF 3900kHz; Packet 145.07

AMTOR @ 8:30 a.m. 14.064mHz

Night Owl - Daily @ 10:30 p.m. on 146.07/67 with alternate 146.325/925.

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

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

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

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

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

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

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

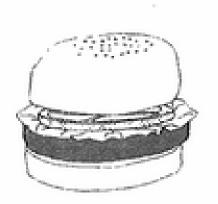
Cimmaron - Tuesdays @ 9:00 p.m. on 145.45 minus input.

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



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Family Owned & Operated for 35 Years 2701 S. Central, Oklahoma City, Oklahoma 73129 March 9 to March 15, 1997 Schedule of Events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9 1:30 p.m. Wheatstraw	10	11	12	13 7:00 p.m. Altus Area ARC	14	15 9:00 a.m. VE Exams (RSC) 11:00 a.m. VHF Club OKDXA @ Tulsa
16 2:00 p.m. EARS	17 6:00 p.m. CORA VE Exams 7:00 p.m CARC	18 7:30 p.m. OCAPA	19	20	21	22
23	24	25 7:00 p.m. Shawnee VE Exams 7:30 p.m. CORA	26	27	28 C&E Deadline	29 10:00 a.m. Ada ARC
30	31	1 6:30 p.m. LFSARC	2	3 7:00 p.m. Aeronautical Center 7:30 p.m. CARA	4	5 10:00 a.m. Ada ARC OKDXA@Lawton
6 1:30 p.m. Wheatstraw	7	8	9	10 7:00 p.m. Altus Area ARC		12 09:30 a.m. SCARS

Paying Your Dues

If your issue of the Collector and Emitter has a red THIS IS YOUR LAS ISSUE UNLESS RENEWED

Stamp on it then your dues has run out in the club you belong to. That club may or may not continue your subscription in this newsletter. Some clubs vote yearly to extend their memberships a couple of months due to the fact that their dues run out the end of the year. They then carry a member over for 3 months generally.

So if your dues runs out send them in to your club's treasurer. The funds you send help maintain the repeaters you use, pay for any events your club may sponsor and also gets this newsletter delivered to your door each month.

If you should move kindly drop your treasurer or the staff of the C&E know so that we may keep the issues coming to you. As it is every newsletter returned to us now cost the newsletter 50 cents for a bad address with the postal service.

So keep your clubs up to date on your status as a member the people you put stress on are your friends.

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