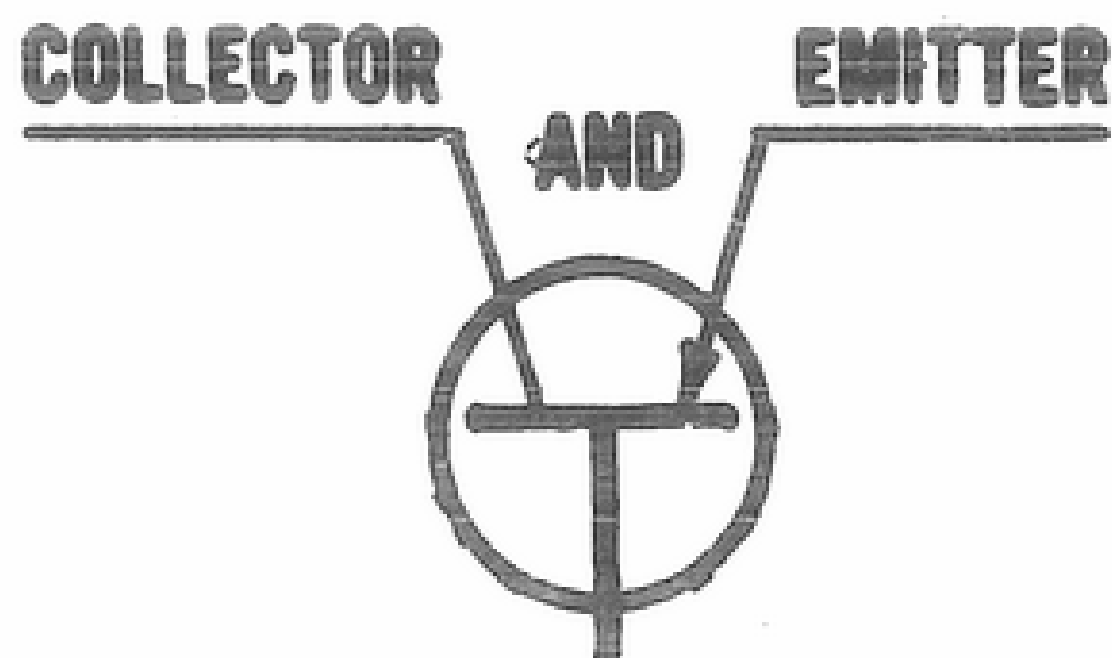


Central Oklahoma Radio Amateurs



FEBRUARY 1975

VERY SPECIAL MEETING

Lewis G. McCoy, W1IPC, from the ARRL Headquarters, Newington, Connecticut will be in Oklahoma City Tuesday February 11. A special meeting has been set for 8:00 p.m. in the Headquarters Building Auditorium at the FAA Aeronautical Center. This is the second building on your left as you enter the Aeronautical Center on South MacArthur.

Lew will enlighten us on some aspects of the FCC proposed regulation changes and other ARRL activities. Lew's itinerary will include Dallas on the 12th, Houston on the 13th and San Antonio for the Texas VHF FM Society meeting on 14/15 Feb. Roy Albright, W5EYB, and Jack Gant, W5GM, Director and Vice Director of the West Gulf Division have set up this trip for Lew.

Don't miss this meeting! Invite your friends and come on out.

Everyone is welcome.

Aeronautical Center Amateur Radio Club, Inc.
Oklahoma City VHF Amateur Radio Club, Inc.
Mid-Oklahoma Repeater, Inc.
Oklahoma City Autopatch Association, Inc.

The CORA Collector and Emitter is published monthly by CORA for the participating Amateur Radio Clubs in the Central Oklahoma area. Material contained herein may be reprinted without prior permission with credit given this publication. Address all correspondence to CORA Collector and Emitter, Box 15013, Oklahoma City, OK 73115.

Managing Editor			
Editor for ACARC			
Editor for MORI	Jim Williams	K5VRL	942-0536
Editor for OCVHF	Joe Buswell	WA5TRS	732-0676
Editor for OKCAP	Larry Dillard	WB5CWB	685-4065

Central Oklahoma Radio Amateurs (CORA) Inc. was organized to enhance the cooperation of Oklahoma Amateur Radio Clubs in sponsoring activities of mutual interest to the Clubs and Radio Amateurs. Participation in specific CORA activities is optional with the individual Clubs. CORA officers are:

President	Carl Freeman	WA4AQW	672-5476
Vice President	Ken Kendrick	WB5ECJ	751-4917
Secretary	Ray Peters	WB5BTT	732-6498
Treasurer	Jim Jones	K5PER	634-5235

Participating clubs for CORA Collector and Emitter:

AERONAUTICAL CENTER AMATEUR RADIO CLUB, INC.

Postal Station 18, Oklahoma City, OK 73169

Meetings: 8:00 p.m. on first Friday each month, Flight Standards Building, FAA Aeronautical Center. Club Station W5PAA.

President	Bob Ashby	W5HXL	942-5375
Vice President	Al Prince	WB5KCU	789-1160
Secretary/Treasurer	Bill Oliver	K5KDR	329-6333
Asst to President	Ken Ford	WB5KHU	528-8770

OKLAHOMA CITY VHF AMATEUR RADIO CLUB, INC.

323 N. W. 10, Oklahoma City, OK 73103

Meetings: 8:00 p.m. on third Friday each month, American Red Cross, 323 N. W. 10. Club Station W5LOW.

President	Carl Drumeller	W5JJ	789-3788
Vice President	Tom Stinson	W5OZE	942-3714
Secretary	Jef Casey	WB5GWB	528-0252
Treasurer	Ellard Foster	W5KE	789-6702

MID-OKLAHOMA REPEATOR, INC.

Meetings: 8:00 p.m. Tuesday of first full week each month, Oklahoma City EOC, 4600 N. Eastern. WR5ADE 34/94
WR5ADF 07/67

President	Bill Noland	WA5FWD	354-5018
Vice President	Carl Freeman	WA5AQW	672-5476
Secretary/Treasurer	Don Graham	WA5TAW	733-3044

1208 Alan Lane, Midwest City, OK 73130

OKLAHOMA CITY AUTOPATCH ASSOCIATION, INC.

Meetings: 8:00 p.m. on third Monday each month. WR5ACB 22/82
147.81/21

President	Frank McCollom	WB5JBL	751-3577
Vice President	Larry Dillard	WB5CWB	685-4065
Secretary/Treasurer	Jim Denman	WB5EOL	681-6048

7705 S. Charlotte Drive, Oklahoma City, OK 73159



THE PRESIDENTS CORNER

This must be the month for firsts, the first issue of the CORA Collector and Emitter, and the first month of ACARC activities with the new officers. Well - that last statement is maybe only half true. Welcome aboard to our new Vice President, Al Prince WB5KCU, and our new Assistant to the President, Ken Ford WB5KHU. The Club members are to be commended on the election of these good men and the reelection of Bill Oliver K5KDR for Secretary Treasurer. No comment on what you did to me!

DESPERATELY NEEDED - one good person for EDITOR. This should be someone who has a desire for and interest in the job. I am still looking for a good volunteer rather than trying to con someone into the job.

George Lagaly, W5NTL, assumed his duties as W5PAA Station Manager with an antenna party following our last meeting on Saturday January 4. The new 80/40 meter trap dipole went up without a hitch under his capable supervision and the willing help of Don WN5NIY, J. W. WA5KFT, Ellard W5KE and Bob W5HXL. The SWR stayed under 2:1 over the 40 meter band. On 80 it is something else, looks pretty good from 3750 to 3900 kHz and gets worse toward either end of the band.

Carl, W5JJ showed me several letters he had received on the demise of the Collector and Emitter. They all commented to the fine job he had done as Editor in making it an outstanding publication, expressed a desire that he would continue to contribute his excellent articles, and wished him well. It was gratifying to read these, thanks again Carl for your past contributions to the Club and Amateur Radio. This leaves a real challenge to the CORA Collector and Emitter, and the people who will be working on and contributing to it.

Just a reminder that with the increase in ARRL dues, our dues must increase also. It's still \$1.50 plus ARRL dues but the total is now \$10.50. We get to keep one dollar of the ARRL dues that are paid through the Club.

MEETING CHANGE - Our February meeting would normally fall on Friday the 7th, however we are moving it this month to Tuesday the 11th to coincide with Lewis McCoy's visit to OKC. The meeting will be at 8:00 in the Headquarters Building Auditorium. I will be looking forward to seeing you there.

73
Bob, W5HXL

MINUTES OF MEETING HELD 3 JANUARY 1975

The meeting was called to order by President Bob Ashby, W5HXL at 2008 CST. There were 21 members and guests present. Each was asked to introduce himself and comment. Jerry Broudy, W5MCJ lead off. Al Prince, WB5KCU related an experience with a lost piece from a trapped vertical antenna. George Lagaly, W5NTL had been watching football. Bill Oliver, K5KDR has discovered he needs new TR-4 finals. Dorothy Dirickson, WB5ELG liked the food at Sir George's (December meeting). W5KE reported that WA5JGU and W5MCJ helped him pick up a heavy lot of surplus "electronics". Charlie Greene, WA5JGU reported he ate too much at Sir George's. Don, WN5NRY just got his call - has not used it yet. Jef Casey, WB5GWB has been experimenting with QRP transmitter circuits. Lloyd Kirk, WB5HUP expects to be on 2M AM with 100 W input.



MINUTES (Contd)

WA5JGU alerted those present on the Simulated Emergency Test (SET) expected over weekend of 25-26 January. He suggested monitor 3900 KHz or the ".34-.94" repeater, and/or come to Red Cross Headquarters after church on Sunday the 26th.

W5NTL reported for the nominating committee the selection of candidates as follows:

<u>President</u>	<u>Vice President</u>	<u>Secretary-Treasurer</u>
Bob Ashby, W5HXL	Howard Ridgway, W5WSW Al Prince, WB5KCU	Billy Oliver, K5KDR

Nominations from the floor were solicited by the President. None were made. Motions were made, seconded and passed to elect the unopposed candidates by acclamation. An election for Vice President was conducted. It was won by WB5KCU.

Nominations were solicited from Associate Members for an Assistant-to-the-President. Pat Sherrill, incumbent, was not present to consent to nomination. Ken Ford, WB5KHU was nominated and elected by acclamation of the Associate Members present.

President Ashby called attention to the business at hand: a proposal for four local radio clubs (ACARC, OK Central VHF ARC, MORI and OKC Autopatch) to combine newsletters into one publication, to be published by the Central Oklahoma Radio Amateurs, Inc (CORA). The new publication will nominally contain 18 pages - 3 by each club and 6 general interest pages. Cost reductions are expected for all clubs, after initial addressograph plate addressing costs are paid. It was pointed out that the "VHF" club has already okayed the proposal.

There was general discussion of the pros and cons of the proposal. Some feared the other organizations might orient its content toward some particular Amateur activity. WB5KHU advised that the CORA activity might also defray costs by accepting some advertising. W5KE mentioned that about a year ago, Carl Drumeller, W5JJ and others had written articles for the Collector and Emitter pointing up the need for ACARC to reactivate itself and decide on future programs. The lack of response had led to a drifting situation. Now it seems too late to strike out on our own. A motion was made, seconded and passed that the ACARC participate in the publication as outlined.

There was more discussion regarding a tentative offer to allow CORA to use the Collector and Emitter masthead. It was desired to encourage its use, but not irretrievably loan it to CORA. A motion: "The ACARC offers the Collector and Emitter name and 'logo' (symbol) for use on the CORA newsletter for a period of one year, renewable annually, with 90 day period following notice of withdrawal by ACARC", was drafted and passed.

It was mentioned that copies of the New FCC docket are becoming available.

President Ashby called for volunteers to assist W5NTL install a new 40-80 meter antenna. WA5KFT, Don Templeman and W5KE responded.

The meeting adjourned for doughnuts and coffee at 2100 CST.



MEET YOUR NEW OFFICERS

Vice President, Al Prince, WB5KCU obtained his Novice License WN5KCU in 1973 following classes at the Aeronautical Center. As a Novice, he was busy operating on 40 and 15 meters. Last June he upgraded to General Class, WB5KCU and is now busy operating his TR-4 on 75, 40, 20 and 15 meters with a vertical antenna. He is looking forward to acquiring a tri-band beam to load the top of his tower. Al and Daisy have two daughters and a son, all married. Shortly after our January meeting they became proud grandparents of twin boys, Jay and Michael. You may recall that Al had to leave the meeting a little early for this big event! Al works in the ASB Avionics Shop.

Assistant-to-the-President, Ken Ford, WB5KHU was first licensed as WN5KHU in August 1973. Ken now holds an advance ticket. His first contact with amateur radio came with the construction of an old fashioned crystal radio when he was 8 years old. The crystal set picked up the only AM broadcast station in Bartlesville, Oklahoma as well as the XYL amateur radio operator two blocks away. After several years of chasing broadcast band and shortwave DX, he finally learned CW and got on the air in his own right. He operates his TR-4 on 75 and 40, enjoys working novices on 40 and is active on 2 meter FM. Ken is also a member of the Oklahoma Central VHF Club and MORI.

CHATTER

Current reports have Bill Todd, W5UZX, striding firmly along the long, hard road to recovery. Right on, Bill!

ACARC VP, Al Prince, WB5KCU, is the proud grandfather of twin boys. Congratulations, Al!

A private communication from Perry Ferrell, formerly editor of Popular Electronics, indicated that Wayne Green had lost control of 73 Magazine, and that the magazine was listed "For Sale" with a New York broker....and no takers, although the price has been dropped \$100,000 from the initial figure. It would be a shame to see 73 (or Wayne Green) disappear from the amateur radio publishing field.

John Nelson, W5AVK, checked in to Presbyterian Hospital to have surgery on his spine. Best wishes for a speedy recovery, John!

CENTRAL OKLAHOMA CHAPTER QCWA: The local Chapter of Quarter Century Wireless Association was formed about two years ago with 50 charter members. Red Maier, W5RDE, Chapter President, is trying to reach the magic 100 membership. Red calls the Chapter QCWA Net on Sunday mornings at 0830 on 3850 kHz. Meetings are held quarterly, typically dinner meetings on a Sunday afternoon. Stop by and join the Net on Sunday morning. If you have held your license for 25 years or more, get in touch and join the Chapter.

DRAKE 2B with Q multiplier/external speaker. Will trade for mobile 2M FM equipment. Contact B.J. Baver, 732-4584, 440 Wilson dr. MWC 73110

SBE 33 with mike and mobile power supply. Excellent mobile rig. Two new final tubes in cartons included. Will trade for solid state 2 meter FM rig or sell. Joe Garland 781-4326 7 am to 3 pm.

FCC DOCKET 20282

The proposal can be "nutshelled" in few words.

Who gets screwed? The Extra Class license holders, who lose to the Advanced Class the 25 kHz radiotelephone sections. The Generals, who'll have a power output limit of 500 watts peak envelope power. There's some question as to whether this is a real loss; PEP output power can be measured readily and accurately (but not with conventional meters), but PEP input power can only be guessed at without the use of hyper-expensive recording oscillographs.

Who gains? CBers who want to get legal. The Communicator Class license removes the last (and quite picayunish) excuse for not obtaining an amateur radio operator license: The 5 wpm requirement for sending and receiving the International Morse Code. The Advanced Class, who gets an extra 25 kHz of radiotelephone territory as a gratuity.

Who can hold dual licenses? Technicians can hold a Novice license, thereby removing the last whimper "I can't ever progress to General 'cause I can't find anybody on CW on VHF." Advanced and General Class who want to work both below and above 29 MHz; for the asking, they can pick up Experimenter or Technical Class, respectively.

Who can operate all modes and all frequencies above 29 MHz? Extra and Experimenter Class.

Who'll have to stick to FM only and on only frequencies above 144 MHz? Communicator Class.

Who'll have to give up RTTY and SSTV on VHF? Technician Class.

Who won't ever have to renew his operator license? Extra Class.

Who can get any class of license by mail? The disabled.

Who has to straighten up and fly right? Most of the holders of "Lazy Liars Licenses," those mail order licenses so often obtained by perjury. Although not crystal clear, it appears that most of the Conditional Class will have to pass an actual examination. It is not clear but appears probable that the Technician Class may have to take an actual examination for license renewal.

Who's going to squall like a wounded panther? The chap with a "Lazy Liars License" who hasn't enough brains to pass an actual examination! Listen intently, and you'll readily ascertain who belongs in that category!

W5JJ

OKLAHOMA NETS

Open	Oklahoma Phone Emergency Net	Sunday	0800	3900 kHz
QCWA	Central Oklahoma Chapter	Sunday	0830	3850 kHz
Sooner Traffic Net	Monday thru	Saturday	1730	3850 kHz
Oklahoma Traffic & Weather Net	Monday thru	Saturday	1745	3900 kHz
Oklahoma Five O'Clock Net	Monday thru	Saturday	1700	3900 kHz
Oklahoma Central VHF Club 6 Meter Net	Monday	2030		50.25 MHz
Oklahoma Central VHF Club 2 Meter Net	Tuesday	2030		145.1 MHz

FROM THE PRESIDENTS CORNER

RESPONSIBILITY---is defined as the ability to meet an obligation. Some members feel that by just paying their dues to the clubs, they have no further responsibility to the club. It is a good thing that all our members do not take this attitude. We need funds to purchase and maintain the equipment, but we also need active members that will accept responsibility when called upon to help with the work of the club. Dues are not enough, YOUR participation is needed. If each member would assume a portion of the various areas where help is needed it would not put the entire load on the same few that has been referred to as the "Clique".

Not all are qualified to work on the equipment, and we have an excellent Technical Committee that does a great job. It isn't fair to ask these same people to contribute their time to do the many other jobs that need to be done that does not require a strong technical background. Instead of complaining about how you don't like someone or how things are run, I challenge you to attend the meetings, voice your opinions, and offer your services. Everyone can have a say, but not everyone can have his way. We should abide by the decisions of the group and strive to make this a better club.

FRANK--WB5JBL

PROCEDURE FOR SIGNING FROM THE AUTOPATCH

There has been some confusion about correct call signing in general when using the autopatch. The rules have been clarified. Each operator must give the call sign of the station he is in contact with, followed by his own call when the contact is completed. This information is not called for at the beginning of a contact, only at the end. When a station is using the autopatch, he is in contact with the repeater station, when he terminates the exchange of transmissions and at the conclusion of the autopatch call, he shall identify the repeater station by its call sign, followed by his own call sign. Identification of the repeater station at the beginning of an autopatch call is not required by FCC regs.

JIM--WB5EOL

WISE WORDS FROM THE KIND OLD ZOMBIE

THE DECIBEL, OR POWER IS WHERE YOU FIND IT

A long time ago, shortly after Paw Bell first started to string wire from one house to another, the engineers in charge of making phones work discovered that it was easy to fool the human ear. They found out that all the necessary part of the voice signal to convey intelligence was contained in the frequencies from around 300 cycles to about 3000 cycles (hertz to those under 30). They also found that the ear was not sensitive to an increase in sound level

that did not follow a very special ratio of increase. For the ear to recognize one sound as being louder than another, the second sound had to be 1.26 times as loud as the first. In other words, if a sound is at 1 watt level, in order for the ear to notice an increase, the sound level must be increased to 1.26 watts. This ratio holds true for any sound level. So the engineers in their great wisdom and being of sound mind, named thing after their great leader, Bell. Or rather in the way of all good engineers, they said if a sound is 10 times as loud as a just noticeable change, they would call it an increase of one BEL.

Strangely enough, when the mathematicians got to playing with this, they found that there was a readymade measure of this ratio, called the exponential powers of ten, or logarithms to you smart guys.

Now, since sounds that are 10 times as loud are hard to tolerate, a smaller unit of measure was created, called the decibel which is one/tenth of a bel. Also they found that any measurement of power could use the same system of measurements, and make the language even harder for us to understand.

To get to the nitty gritty, logarithms are an expression of the number of times 10 must be multiplied by itself to equal any number we can think of. Numbers between 1 and 10 can be expressed as a decimal power of 10. This is called the mantissa of a logarithm. The whole number powers of 10 are called the characteristic of a logarithm. The decibel is defined as the logarithm of a power ratio, expressed as an abstract number, multiplied by 10:

$$db = 10 \log \frac{P_1}{P_2}$$

or for voltage ratios:

$$db = 20 \log \frac{E_1}{E_2}$$

Calculating DB's is easy if you have a table of common logarithms and remember that the first digit in a DB is the characteristic and the second is the mantissa of the logarithm. If there is only one digit, like 6db, then the digit is the mantissa of the logarithm. For those of us who don't carry a table of common logarithms in our shirt pocket, but have been able to con the XYL into letting you have one of those "handy dandy" smart boxes called pocket calculators, here is a trick that may help you figure out db's easily. This will convert logarithms into ratios, or vice versa. To find the logarithm of a number--- Enter the number into the calculator, press the square root button 11 times, then subtract 1, multiply by 889 and read the logarithm of the number. Multiply by 10 to get the db's. To find the a ratio if we know the db's--- Enter the db. divide by 8890, add 1, square the entry 11 times and read the ratio rounded off to the nearest whole number.

If you were able to come up with a H-P 35 or equivalent calculator or better, forget the whole thing. Sid W5K0Z

MEETING -JAN. 20

We had a great meeting, if you weren't there, you should have been. Reports by the various committees were well received and the several issues voted on were almost unanimous.

It takes money to run any organization, ours is no exception. The problem of "slow pay, non members, and free loaders" using the system is NOT unique to the Autopatch Ass'n. MORI and other groups around the country are having the same problems. A motion was made by K5URJ to limit the membership in the Autopatch Ass'n. The limitations will be as follows: Effective at midnight June 30, 1975, the membership will be closed and limited to the number of members, paid up, and on the roster at that time, regardless of the number on the roster. If a member is delinquent 30 days in his dues, he is removed from the roster and a vacancy has then occurred. We had considerable discussion, surprisingly very little if any adverse comments, at least worth noting. The motion was seconded and passed by a wide margin of votes. SOOOOOO-- if you want in the Autopatch Ass'n, don't wait, do it now. Call or send your check to JIM DENMAN, 7705 Charlotte Dr., Okla. City. Phone 681-6048. Associate membership to be included in the number of members.

It was also approved by unanimous vote to move the autopatch to 81/21. NOT IMMEDIATELY, it will probably be done by late spring. Those of you who have not Xtaled up for 81/21 should get ready. Moving the autopatch to 81/21 really has some great advantages. It will free 22/82 for weather emergencies, and will still give us autopatch capabilities at the same time, for anyone who needs to use it. ALSO, the club got a SIZEABLE refund this week, on some equipment it had returned to the factory. W5TKS made a motion that we purchase a top of a line receiver and transmitter equipment for use on 22/82 and use the present equipment for 81/21 with the autopatch on it. This will give us TEE-RIFIC range on both machines. Was voted on and accepted unanimously by all members present.

This is my first attempt to put something like this together, please bear with me, I know it will get better, (I hope). My own personal opinion is that "The Language Of The Land" should prevail, I know that some of you will disagree. You'll probably find many mis-spelled words, grammar that ain't the Kings English, but what the heck, we dropped him in 1776 anyway. And to my knowledge, there ain't a "stuffed shirt and only one or two bigots" in the Autopatch Ass'n. I'll try to keep the column clean, BUT heavily BIASED and OPINIONATED during my tenure as "keeper". I'll welcome any input and offer unedited equal space for opposing comments.

Don't forget the joint meeting Feb. 17 at 7:30 P.M. to be held at Channel 9 studios. It will be one heck of a good meeting and program by Gary England. BE THERE!!!!

73

Larry WB5CWB

AMATEUR RADIO TECHNIQUES

For years Pat Hawker, G3VA, has conducted a wide-ranging and deep-searching review of both amateur and professional electronic publications to extract and to comment upon those subjects that hold promise of being of real worth to dedicated amateurs of radio communication and technology. These show up each month in "Radio Communication," the publication of the Radio Society of Great Britain. Every few years these are collected and published as a soft bound book. New upon the market is the fifth edition of the publication. And it's upon this that I wish to comment.

Size? It has over 300 pages and over 700 diagrams. The bare list of section headings present an inkling of what lives on those pages. Semiconductors, Components and Construction, Receiver Topics, Oscillator Topics, Transmitter Topics, Audio and Modulation, Power Supplies, Aerial Topics, Fault-Finding and Test Units, and Appendix and Intermediate Frequency List for Receivers.

In case this list doesn't impress you, just ponder over the fact that the items presented aren't the mundane morsels that grace every handbook. They are the choice technical tidbits gleaned from European, African, Asian, Australian, and American books, magazines, manufacturers' technical bulletins, etc. Oh, there's some you won't find of interest, some that'll sound a bit out-dated, but most will perk up a desire to delve a bit more deeply into that subject.

Take antennas, or "Aerials," as you find them listed. There are oodles that never get a line in our magazines or handbooks.....antennas that others have found to offer some particular advantage.

There are little quirks of circuits that may be just the thing you need for a building project. One thought, though: Don't depend upon the index to point out every idea living in these pages. Read it all; then you'll be able to recall enough to help you track down that particular idea you found so intriguing.

Because there are so many and so varied bits of information presented, I'll not attempt to comment on each of them. But, instead, I'll suggest that you get a copy and read it thoroughly. Communications Technology, the publishers of "Ham Radio", handle sales in the United States.

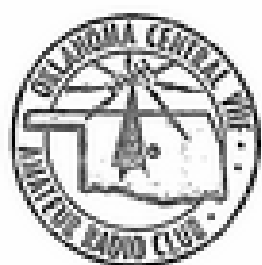
W5JJ

FOR SALE:

Hi Gain TH-6 six element 10-15-20 meter beam. Now in use. 787-1206.
Bill Courtright W5KXQ.

Newly built and operative Heath 202 2-meter FM transceiver with crystals for 3 channels. \$200 Contact thru WA5JGU 943-5631

Galaxy FM-210 2-meter transceiver with power booster (rated 10 W). Two of three channels crystallized for .94-.94 and .34-.94. \$135 Contact WA5JGU 943-5631



Club
NEWS

VHF
The Clear Channel World

RESET ZERO

WELL, FOR YOU WHO ARE FAMILIAR WITH DIGITAL LOGIC CIRCUITS...WE ARE GROUNDING THE RESET LINES. WITH THIS FIRST ISSUE OF THE CORA COLLECTOR AND EMITTER, THE VHF CLUB IS ALSO INITIALIZING OFFICERS AND SOME APPOINTED OFFICIALS. THE MINUTES HAVE THE DETAILS.

AS YOUR NEW ASSOCIATE EDITOR OF ONE WEEK, I HAVE BEEN SCRAMBLING TO GET THE ACT TOGETHER. I EVEN FOUND A NEW RIBBON FOR MY "OLD UNDERWOOD" TELEGRAPHER'S TYPEWRITER! NEXT MONTH I WON'T BE ABLE TO USE THE EXCUSE THAT TIME WAS SHORT SO HOW ABOUT A LITTLE HELP BAILING ME OUT?

I NEED NEWS OF WHAT YOU ARE DOING AND OTHER MATERIAL THAT WOULD BE OF INTEREST TO THE CLUB MEMBERS. PARTICULARLY, I WOULD LIKE TO HEAR OF ACTIVITY WITH OSCAR 7. I UNDERSTAND THE TRANSLATOR FREQUENCIES DIDN'T COME OUT AS EXPECTED. WHEN I HEARD THAT, I WASN'T THINKING IN TERMS OF BEING IN THE POSITION OF GOSSIP SPREADER, SO I DIDN'T TAKE NOTES, OR EVEN PAY CLOSE ATTENTION. THAT, I EXPECT, IS THE REASON WE CHRONICALLY LEAVE CLUB PAPER EDITORS HIGH AND DRY, WHILE ACTUALLY, THERE IS A LOT TO TELL.

NUFF PLEADING...NOW, HOW TO USE THE GRAPEVINE...

YOU CAN GET HOLD OF ME BY PHONE AT WORK, 325-4172, OR, AT HOME, 732-0676. AT THE HOUSE, I HAVE A HOME-MADE GADGET WHICH DISCRIMINATES AGAINST POLL TAKERS AND SIDING SALESMEN, BUT LETS MY FRIENDS LEAVE MESSAGES FOR ME, IF THEY KNOW HOW TO WORK IT. IF I DON'T ANSWER THE PHONE, FOR SOME REASON, JUST CALL RIGHT BACK. THE GADGET ANSWERS THE PHONE, ON THE FIRST RING, WITH AN ABRUPT CLICK, SILENTLY LISTENS TO YOU FOR 20 SECONDS, AND BRUSQUELY HANGS UP. IN THAT INTERVAL, THOUGH, IT WAS RECORDING WHATEVER YOU SAID AND TRIPPED ON A LIGHT SO I WILL KNOW TO PLAY BACK THE RECORDER.

IF YOU HAVE SOMETHING YOU TORE OUT OF A MAGAZINE IN THE DOCTOR'S OFFICE, YOU CAN MAIL IT TO ME AT PO BOX 10674, MIDWEST CITY, OK 73110. FOR NEXT ISSUE, YOU SHOULD HAVE MATERIAL IN THE MAIL BY FEB 15TH....WITH THAT, LET'S GET ON WITH THE PAPER...JOE WA5TRS

MINUTES OF VHF CLUB MEETING, JANUARY 17, 1975

The meeting was called to order at 8:00 PM by President Joe, WA5ZNF. Seventeen members and one visitor were present. Self-introductions were followed by approval of the minutes of the December meeting. There was no old business.

Election of officers for 1975 was held. Carl Drumeller, W5JJ, was nominated for President. Bob, W5HXL, moved that W5JJ be elected by acclamation. The motion passed. Ken, WB5KHU, moved that Tom Stinson, W5OZE, be reelected Vice President by acclamation. The motion passed. Harold Todd, WA5VAQ, and Jef Casey, WB5GWB, were nominated for Secretary. WB5GWB was elected. Pat Sherrill, WB5JYK, and incumbent Ellard Foster, W5KE, were nominated for Treasurer. W5KE was reelected. Holdover members of the Board of Directors are WA5VAQ and WB5JYK. Outgoing members are W5JJ, K5VWQ, and



Club
NEWS

W5LOW
The Elmer Goeckler Memorial
Station

K5HFN. Nominated to fill these positions were Steve, W5VCJ; Marvin, K5HQP; Joe, WA5TRS; Fred, W5NL; and Ken, WB5KHU. WA5TRS, WB5KHU and W5VCJ were elected to the Board.

New business— Bill, WA5FWD, announced the following: So few came to the Jan. 10 CORA meeting that election of officers was postponed. The next meeting will be Feb. 14 when officers will be elected. A prize committee chairman is also needed. The Lawton hamfest will be Feb. 15 and 16 at the Montego Bay motel. A motorcade to Lawton on 52 simplex is under consideration. A joint meeting of the Mid-Oklahoma Repeater, Inc. and the Oklahoma City Auto Patch Association will be held Feb. 17 at Channel 9's station. Gary

England will present the program. W5KE relayed the following announcements for WA5JGU: Local operating frequencies for the Jan. 26 SET will be 3900 Khz, 6 meter net frequency and 34/94. The Red Cross needs two portable antennas for 47 Mhz with masts and omni-directional antennas. Also, coax with fittings on both ends. The Red Cross will pay for materials, but has a limited budget. For sale: HW-202 with 34/94, 22/82, 52/52 crystals, \$200. Three channel Galaxy with voltage booster, 34/94 and 94/94 crystals, \$135. Contact WA5JGU. Bob, W5HXL, announced that Lew McCoy, W1ICP, will speak Feb. 11 at 8 PM in the headquarters building auditorium of the Aeronautical Center. His subject will probably be the new regulations proposed by FCC. Bob also said that call letter license plates will be ready for distribution about Jan. 22 and can be mailed. Ken, WB5KHU, requested volunteers to help with addressograph plates for the new CORA Collector and Emitter, Jan. 21 at 7:30 PM.

Joe Buswell, WA5TRS, volunteered for the job of VHF club assistant editor to the CORA Collector and Emitter.

No formal program was presented, however a general discussion took place.

The club's new Board of Directors met briefly and elected Pat, WB5JYK, chairman.

The meeting was adjourned for coffee and doughnuts at 9:18 PM.

Jef Casey, WB5GWB,
Secretary

W5LOW CLUB STATION

THE OKLAHOMA CENTRAL VHF AMATEUR RADIO CLUB MAINTAINS THE ELMER GOECKLER MEMORIAL AMATEUR RADIO STATION, W5LOW, IN THE AMERICAN RED CROSS BUILDING, AT NW 10TH AND HUDSON, IN OKLAHOMA CITY. THE STATION CONSISTS OF FOUR OPERATING CONSOLES

THE HF CONSOLE IS A DRAKE TR 3 WHICH MAY BE CONNECTED TO EITHER A TRI-BAND BEAM FOR OPERATION ON 20 THROUGH 10 METERS OR AN INVERTED VEE DIPOLE FOR 80 AND 40 METERS.

THE VHF CONSOLE HAS A CLEGG THOR 6 AND CLEGG 221ER FOR OPERATION ON BOTH 6 AND 2 METERS AM. A VFO IS ALSO PROVIDED TO BREAK AWAY FROM "ROCK CONTROL" OF FREQUENCY. ANTENNAS ARE HORIZONTALLY POLARIZED BEAMS.

THE NEXT CONSOLE IS A 2M FM STATION WITH 50 WATTS INPUT...OUTPUT?...CRYSTALS ARE PROVIDED FOR 34/94, 07/67, AND 22/82 REPEATER OPERATION AND 52/52 AND 94/94 SIMPLEX. EITHER A RINGO RANGER OR A PAIR OF 7 ELEMENT BEAM ANTENNAS MAY BE USED WITH THIS RIG.

IN ADDITION, A NOVICE CONSOLE IS PROVIDED. CW OPERATION IS AVAILABLE HERE USING A JOHNSON VIKING ADVENTURER TRANSMITTER, HEATHKIT HG-10 VFO, AND A HEATHKIT HR-10 RECEIVER. EITHER HF DIPOLES OR THE TRI-BAND BEAM MAY BE USED WITH THIS RIG.



Club
NEWS

W5LOW
The Elmer Goodall Memorial
Station

THE STATION HAS BEEN USED DURING TIMES OF DISASTER TO PROVIDE VITAL COMMUNICATIONS FOR THE AMERICAN RED CROSS AND OTHER COMMUNITY SERVICES.

ANY LICENSED RADIO AMATEUR MAY USE THIS STATION. IF OPERATION IS CONTEMPLATED DURING THE DAY WHEN THE BUILDING IS OPEN, A COPY OF THE AMATEUR'S LICENSE SHOULD BE ON FILE. THIS IS REQUESTED FOR THE CONVENIENCE OF THE RED CROSS OFFICIALS SO THAT THEY MAY EASILY RECOGNIZE PERSONS ELIGIBLE TO OPERATE THE STATION. IN ADDITION, THE VHF CLUB HAS REQUESTED THAT BEFORE A PERSON USES THE STATION, HE OR SHE MUST BE CHECKED OUT ON THE OPERATION OF THE EQUIPMENT WITH A CLUB OFFICER OR THE TRUSTEE.

THE CLUB IS PROUD OF THE STATION. LET'S GIVE IT SOME GOOD USE.

KEN FORD, WB5KHU
TRUSTEE OF W5LOW

MAKING YOUR COMMENTS TO THE FCC

SO YOU HAVE A BETTER IDEA FOR RULE MAKING BY THE FCC? GOOD!
YOU WANT TO MAKE A RECOMMENDATION TO THE FCC? WONDERFUL!
HERE'S HOW YOU GO ABOUT IT.

PREPARE YOUR COMMENT IN SUCH A MANNER THAT YOU MAKE REFERENCE TO SPECIFIC PARAGRAPHS OF THE DOCKET IN QUESTION. STATE DEFINITE REASONS WHY YOU BELIEVE YOUR RECOMMENDATIONS ARE PREFERABLE TO THE FCC'S PROPOSALS. DON'T MAKE YOUR COMMENTS TOO LENGTHY OR THEY MAY NOT GET READ IN DETAIL. BUT DON'T BE SO BRIEF THAT YOU FAIL TO PRESENT COGENT REASONS WHY YOUR IDEAS SHOULD BE CONSIDERED. UNDER NO CIRCUMSTANCES SHOULD YOU MAKE BLANKET STATEMENTS TO THE EFFECT OF "I DON'T LIKE YOUR DAMN PROPOSAL" OR "YOU'RE GIVING AWAY AMATEUR RADIO TO A BUNCH OF EXPLETIVE DELETED CB IDIOTS" OR "NOBODY WHO NOW HAS ANY GRADE OF LICENSE SHOULD BE MADE TO TAKE A NEW EXAMINATION."

WRITE YOUR IDEAS IN FULL. THEN PUT AWAY YOUR COMMENTS FOR A WEEK OR TWO. THEN PICK IT UP AGAIN AND SEE IF IT REALLY REPRESENTS YOUR BEST EFFORTS. DON'T HESITATE TO RE-WRITE AND REVISE. WHEN YOU HAVE IT IN FINAL FORM, RUN OFF AROUND 16 OR 17 COPIES. MAIL THE ORIGINAL AND 14 COPIES, EACH SIGNED WITH THE SIGNATURE THAT APPEARS ON YOUR LICENSE, TO FEDERAL COMMUNICATIONS COMMISSION, WASHINGTON, DC 20554.

MAIL ONE COPY TO ARRL HEADQUARTERS. YOU MIGHT WANT TO SEND A COPY TO SCM ROY ALLBRIGHT, ALSO. AND YOU SURELY WANT TO KEEP A COPY FOR FUTURE REFERENCE.

DON'T EVER FORGET THAT IF YOU ARE NOT INTERESTED ENOUGH IN AMATEUR RADIO TO FILE YOUR COMMENTS, THEN YOU'RE SURE AS HECK NOT ENTITLED TO SIT UP ON YOUR HAUNCHES AND BELLOW ABOUT HOW AMATEUR RADIO TOOK A RANCID BEATING FROM THE FCC.

CARL, W5JJ

MAGAZINE REVIEW

IEEE NEWSLETTER, VTG, courtesy of W5KE tells how to compute, on your pocket calculator, third order and fifth order intermodulation products for both two-signal and three-signal sources. It'll convince you radio communication just ain't possible!

SHORT WAVE MAGAZINE, Dec, has an antenna that looks like a cross between a couple of delta loops and a DDRR.....with a counterpoise thrown in. Also, there's a heterodyne type of VFO.

RADIO COMMUNICATION, Dec, gives a readable description of pulse code modulation; not the usual snow job. Of more immediate interest is the two-tone AF generator using two ICs; a third one to pulse it on a 0.3 duty cycle would make it an excellent means of testing an SSB xmtr. "Technical Topics" provides its usual excellence over a wide range of subjects.

RADIO-ELECTRONICS, Feb, shows a time-delay circuit good for up to an hour. Another article attempts to wrap up every aspect of digital techniques in four printed pages.

73, Jan, runs a variety of articles, none outstanding, but at least departing from the digital IC syndrome characteristic of most magazines.

POPULAR ELECTRONICS, Dec, does a rather good job of sugar-coating PLL basic techniques. There's a fair article on voltages surges common to 117-V power lines. An idea on an inertialess VU meter could be adapted to a plate current meter capable of indicating the voltage half of information vital to honest logging of PEP input power to an SSB transmitter.

TELECOMMUNICATIONS, Jan, courtesy of W5KE, has an advertisement for a typewriter that recognizes human speech and provides for direct voice activation of all the keys of an electric typewriter. It'll also operate a teleprinter!

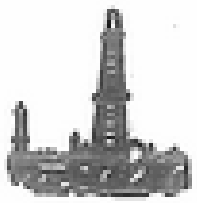
WORLD RADIO, Jan, says John Huntoon, W1RW, retires an ARRL General Manager 31 Jan 75. Worldradio and Callbook have a combined offer: Send them a large stamped and addressed envelope, and they'll send you each month gummed labels showing the names and addresses of newly-licensed amateurs in your vicinity. Also tell them the first three numbers of the zip code (730 and 731).

W5JJ

THE XYL OF IT By Rosiland Wilkerson Via Florida Skip

When he courted me, for the most part
He lovingly called me "Sweetheart."
Then came marriage and I'd hear
An enduring patience as he called me "Dear."
Along came the children, and often as not
"Papa" would call me "Mama" quite a lot.

All these names I've taken in stride
And accepted them with an amount of pride.
Comes our golden age, and what do I hear?
Nothing sentimental, cute or dear,
But initials; And please tell me how in the hell
Can I accept being called an "XYL"!!!



MID-OKLAHOMA REPEATER INC.

President's Note: Article 12 of the MORI by-laws states in part, that a Code of Ethics shall be prepared and approved by the club. To my knowledge, nothing has ever been done in this area. This might be a good time to look at this, with the impending restructuring docket. We should have our own feet on the ground. One thing that I think should be first and foremost would be the admonishment of another amateur over the air. This kind of thing is best handled over the phone, or, better yet, left unsaid. (Except in good clean fun with the third party present.)

ITEM 1: There will be an Executive Committee meeting at the EOC on February 4 at 7:00 p.m. While this is not a regular meeting, any member is invited to attend and express his views.

ITEM 2: As previously announced there will not be a MORI meeting this month. WE ARE MEETING JOINTLY WITH THE OKLAHOMA AUTO PATCH ASSN. AT THE CHANNEL 9 TELEVISION STATION (7401 N. Kelley) at 7:30 P.M. Weatherman Gary England will speak. This is probably the most important amateur meeting this year. If you plan on checking into the weather nets during the coming storm season this meeting is a must. Looking forward to seeing you there. WA5FWD

ITEM 3: the MORI organization must have a club EC or ECs. It would be very nice to have some volunteers for this position. It would also be to our advantage if they lived close to the Oklahoma City EOC. We have been asked to man this facility in storm and disaster conditions.

ITEM 4: We are also in need of a volunteer for the Community Recognition Committee chairman. This chairman would be responsible for developing presentations to non-amateur groups, and news releases to newspapers, radio, and TV. (Our PR committee) If you are available or interested please give me a call. WA5FWD

The AMERICAN RED CROSS IS OFFERING A MULTI-MEDIA FIRST AID COURSE. March 1, 1975 Sat. from 0800AM. until Approx 0500PM. This is the equivalent to the normal 14 hour course given by the ARC. The class will cost \$2.20 (half price) is for Amateurs and wives only. The class will be limited to 25. to get on the list and receive additional info. call Bill Noland 354-5018, If not home leave number.

We have a few MORI bumper stickers left. See Sec. Don Graham WA5TAW for these. \$1.00 ea.

PROPOSED AMENDMENTS TO THE MORI BYLAWS: Due to the extensive expansion of MORI since the bylaws were first written, and due to the complexity of our equipment ownership and responsibilities, the Executive Committee will recommend the following amendments to the bylaws at the next regular MORI meeting.

ARTICLE VI - TRUSTEES

There shall be a trustee for each club station.

Section 1. The trustee for each station shall be appointed by the President, approved by majority vote of the Executive Committee, and confirmed by a majority vote of members present at any regular meeting.

Section 2. Each trustee appointment will be re-confirmed annually by the new President, new Executive Committee, and by majority vote of members present at the first regular meeting of the year.

Section 3. Approval and confirmation of a trustee appointment terminates the responsibility and authority of all previous appointees to that position.

ARTICLE VII - DUTIES OF TRUSTEES

Each Trustee shall be responsible for actions as outlined in sections of this article.

Section 1. The Trustee will represent the club to the FCC and, as station licensee, ensure operation of the station is legal within FCC regulations.

Section 2. The Trustee will appoint control stations and submit proposed control stations to the Executive Committee for approval.

Section 3. The Trustee will appoint a maintenance team consisting of at least two other qualified members in addition to himself and submit proposed team members to the Executive Committee for approval. This team will be responsible for maintaining the station in continuous operation as nearly as possible.

Section 4. The Trustee will maintain complete technical records for the station to include schematics, interconnection diagrams, and control station network diagrams. One copy of these records and copies of all changes will be provided to the Secretary-Treasurer for permanent file.

Section 5. The Trustee will submit a semi-annual report to the Executive Committee containing a current inventory listing of all club property within his control and records of acquisition and disposition of all gains and losses. These reports will be submitted within ten days after 30 June and 31 December. A special report will be submitted by each out-going Trustee if more than 30 days has passed since the last regular report.

ARTICLE XII - EXPULSION

Section 1.

c. Any member who becomes delinquent in the payment of his dues to the club for a period of three (3) months shall be automatically dropped from the roll.

ARTICLE XIII - OWNERSHIP AND TRANSFER OF PROPERTY

The club may own property as provided in the Constitution. Any purchase or sale of club property, other than that necessary for normal maintenance of club stations, must have the approval of the majority of the members present at a regular or special meeting.

LAWTON HAMFEST: Per Cecil Cash SCM W5PML. The dates are Saturday, February 15, and Sunday February 16, at the Montego Bay Motel located on the H. E. Bailey turnpike at the Lawton exit. There will be no activity on Friday PM. However, since Monday, February 17, is a federal holiday you are invited to stay over for an informal eyeball.

There will be programs all day Saturday with registration beginning at 8:00 a.m. There will be a 2 mtr. xmitter hunt and MARS meetings. Saturday evening there will be a dutch-treat dinner and the main ballroom will be available for dancing immediately following dinner.

Sunday there will be a QCWA breakfast, followed by Sunday devotional at 11:00 a.m. There will be a Montego Bay buffet dinner at noon. Followed by an ARRL report and prizes.

Montego Bay room cost is \$15.00 daily. Pre-registration for the Hamfest will probably end three to five days before the event. The fee is \$8. and includes the Sunday buffet dinner. Registration at the door will be \$10.

Mail pre-registrations and room reservations to Lawton Ft. Sill Amateur Radio Club, P.O. Box 892 Lawton, Okla. 73501

In regard to THE LAWTON HAMFEST. If you would like to go down to Lawton in a group K2GKK suggest meeting at the SAMBO's restaurant. South 36th & Western. Meet at 0630 AM leave for Lawton, at 0730AM.

PERSONAL COMMENT: The provision in the FCC docket on restructuring allowing Communicators licensees has generated many comments by local amateurs which have disturbed me very much. These individuals have expressed concern for finding proper methods to prevent these newcomers from interfering with our 2 Meter operations. Most of the methods suggested have dealt primarily with ways to avoid the new amateurs or exclude them through membership limitations, closed repeater systems, etc. May I suggest another method? Each of the new Communicator class amateurs is a real potential asset to the amateur community. Since each one must be administered the test by two, repeat two, licensed amateur operators of a higher class license, we will have ample opportunity to evaluate each applicant for his interest and capability. We will also have ample opportunity to educate him on the goals, purposes, and responsibilities of amateur radio. If we do our job properly in these areas, there will exist no problem with undisciplined amateurs or interference from improper operation or any other of the many feared difficulties. The answer lies with our effective leadership and training, not with the "cold shoulder."

Don Graham WA5TAW

FOR SALE OR TRADE

Will trade or sell very reasonably,

- a. Signal Corps AM-1178/GRC "D" Band Amp. Covers 400-600 MHz, and has two 4X250's in silver plated tuned cavities.
- b. National NC 100 Receiver, Military 12 tube superhet, covers 200 khz to 30 Mhz.
- c. RT68/GRC
RT68/GRC 6-meter FM Receiver/transmitter with complete manual.
- dd. Collins 70J-2 PTO, (have two)
- e. Collins F300Z4 mechanical filter, (300 khz with 2.65 khz bandpass;
Collins Filter F250-F100 (250khz at 10khz bandpass)
- f. 4X250, 4Z150, 832, 829 tubes (used)
- g. Various components for 600-volt power Supply and 1500-P.S.

Wanted:

- a. Three heat-sink type plate caps for 813,s
 - b, 500 MA filter choke, c. 2500 VDC filter caps. d. RF plate choke, (100)ph for 2 KW PEP HF Linear.
- JESS SPEER W5SQJ PHONE 321-7302

Copied from Jan. 16, HR Report

NATIONAL ENVIRONMENTAL POLICY ACT OF 1969

appears likely to have little direct impact on amateur radio, but indirect effect on the unwary may cause lots of bother to them. Environmental impact report must be filed with amateur license applications on Form 610 or 610B only if the station will have a "major" impact on the environment. Installations having a "major" impact are: A. Antenna tower or antenna over 300 feet high (but not an antenna mounted on an existing structure 300 or more feet high). B. Satellite earth station with dish of 30 feet or more diameter. C. Locations in a: 1) wilderness area; 2) wildlife preserve area, or 3) national scenic or recreation area. D. Stations affecting sites significant in U.S. history. E. Any involving extensive changes in land-surface features. Applications other than the above are considered "minor" and no statement need be filed. The catch is that after January 20, 1975, applications should include a statement as to whether the proposed station's impact will be "major" or "minor"-- and new 610s and 610Bs won't be available for some time.

To be on the safe side until the new forms are out, add a statement such as, "This application is a minor action as defined by section 1.1305 of the Commission's rules." somewhere on the form-- the block titled "certification" seems to have the most room-- unless you will have a "major" environmental impact, in which case a call to the FCC is advisable!

EVEDROPPERS

ONE OF MY SUB-HOBBIES HAVING TO DO WITH AMATEUR RADIO IS SNOOPING OUT RADIO FREQUENCY INTERFERENCE, RFI FOR SHORT. WHAT I AM USUALLY INTERESTED IN IS THINGS THAT INTERFERE WITH ME WHEN I AM TRYING TO OPERATE--NOT VICE VERSA. ONCE IN A GREAT WHILE, THE SHOE GETS ON THE OTHER FOOT, AND LIKE MOST OF YOU MAY HAVE HAD TO DO, I HAVE TO DEAL WITH SOMEONE WHO IS BRAZENLY EVESDROPPING ON MY OPERATING WITH HIS STEREO...OR TV...OR TELEPHONE...OR OTHER DEVIOUS CONTRAPTION.

THERE ARE SOME HIGHPOWERED GROUPS THAT ARE GETTING INTERESTED IN THIS TOMFOOLERY WITH TELEVISION SETS, AND THE LIKE, SUCH AS THE FCC, THE EIA -ELECTRONICS INDUSTRIES ASSOCIATION- AND A LEGISLATIVE GROUP, WHOEVER IT WAS, IN THE LAST CONGRESS, THAT WAS TRYING TO GET MANUFACTURERS TO INSTALL FILTERS ON HOME ENTERTAINMENT EQUIPMENT.

THE ARRL HAS ASSEMBLED A PACKAGE OF RFI INFORMATION WHICH IS AVAILABLE FREEBE FOR THE ASKING. I DONT KNOW WHAT ALL IT CONTAINS BECAUSE I HAVENT RECEIVED MINE YET. ALL YOU HAVE TO DO IS WRITE TO--SECRETARY, ARRL RFI TASK GROUP, 8603 CONOVER PLACE, ALEXANDRIA VA 22308 AND SEND A LARGE-9X12-MANILA ENVELOPE WITH 40¢ POSTAGE STUCK THEREON. THE INFORMATION WILL BE SENT TO YOU IN THE SAME BROWN WRAPPER YOU SENT TO THEM...THAT OUGHT TO FAKE OUT THEM SNEAKY NEIGHBORS...

JOE, WA5TRS

CORA: WHICH WAY FROM HERE?

The short ten month history of CORA is marked by a number of remarkable achievements, including sponsorship of Oklahoma Ham Holiday and a consolidated publication for the Oklahoma City Amateur Radio Community. These achievements were possible because CORA has operated on the theory that the best way to get something done is by the contribution of time and talent by a large number of people, each doing a small job contributing to the whole effort. CORA's past achievements is proof that this theory works.

Today, the future of CORA is in question. Why, because there seems to be a feeling of apathy among Oklahoma City amateurs. It all comes down to the general feeling that "I'm all for what is planned, but don't expect me to do anything to help get the job done."

The January 10th meeting of CORA was most important with key agenda items being the election of officers for the coming year, completion of final plans for this publication, and making detail arrangements for this year's Oklahoma Ham Holiday. Much could have been accomplished, but the meeting turned out to be a bust...only five persons were present (WA5ZNF, W5HXL, WA5FWD, WA9FDO and WA4AQW). None of the director members from the supporting clubs attended and only one of the four officers was present. Because of the poor attendance little was accomplished and the election of officers was delayed until the February meeting.

The next CORA meeting, which will be held on February 14th at 7:30 PM at the Red Cross Center, will be a turning point... CORA will continue to function for the good of amateur radio in our community, or the organization will fold for lack of interest. Which way CORA goes will largely depend on you. What are you going to do?

de WA4AQW

HELP!

This first edition of the CORA Collector and Emitter is admittedly a little rough in spots. Your suggestions on how it can be improved, and your input of newsworthy items would be appreciated. Help us make this newsletter interesting and useful to you and all Radio Amateurs.

NIFTY RAG

MOST OF YOU ALREADY KNOW ABOUT WORLD RADIO NEWS BY NOW. IT IS A NIFTY LITTLE PAPER THAT CARRIES A LOT OF INTERESTING PEOPLE TYPE NEWS AND ARTICLES. IT HAS A LOT OF GOOD ADS TOO, PROBABLY BECAUSE LOWER BUDGET DEALERS CAN AFFORD 'EM. THE CORRECT NAME I JUST FOUND OUT, IS THE WORLDRADIO NEWS. YOU CAN WRITE TO 'EM AT 2509 DONNER WAY, SACRAMENTO CA 95818. SUBSCRIPTION IS \$5.00/YEAR.

JOE, WA5TRS

COMING EVENTS

- Feb 7 ACARC Meeting-- cancelled
- Feb 11 Special meeting. Lew McCoy, WIIPC from ARRL Newington. 8:00 p.m.
FAA Aeronautical Center, Headquarters Bldg Auditorium. Everyone
invited.
- Feb 14 CORA meeting. American Red Cross OKC. 7:30 p.m. Election of
Officers and Ham Holiday plans. Everyone invited.
- Feb 15/16 Lawton Ft. Sill Hamfest. Montigo Bay, Lawton
- Feb 17 MORI/OKCAP Combined meeting. KWTW Channel 9 on N. Kelley.
- Feb 21 OCVHF meeting. 8:00 p.m. Red Cross 323 N. W. 10th
- Feb 24 CORA Editors meeting for March issue. 7:30 p.m. Red Cross
323 N. W. 10th.
- Mar 4 MORI meeting.
- Mar 7 ACARC meeting.
- Mar 17 OKCAP meeting.
- Mar 21 OCVHF meeting.
- Jun 28/29 ARRL field day.
- Aug 2/3 Oklahoma Ham Holiday
- Oct 25/26 Texoma Hararama

CORA COLLECTOR AND EMITTER = Box 15013, Oklahoma City OK 73115

