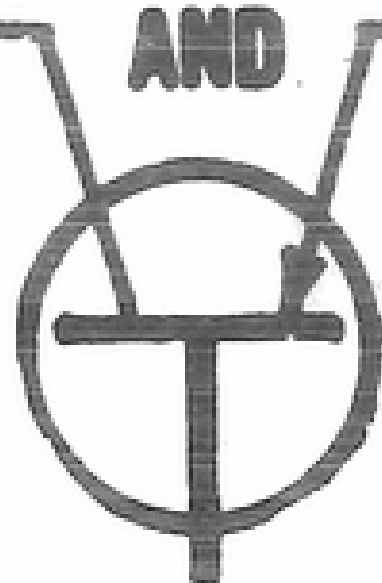


Central Oklahoma Radio Amateurs

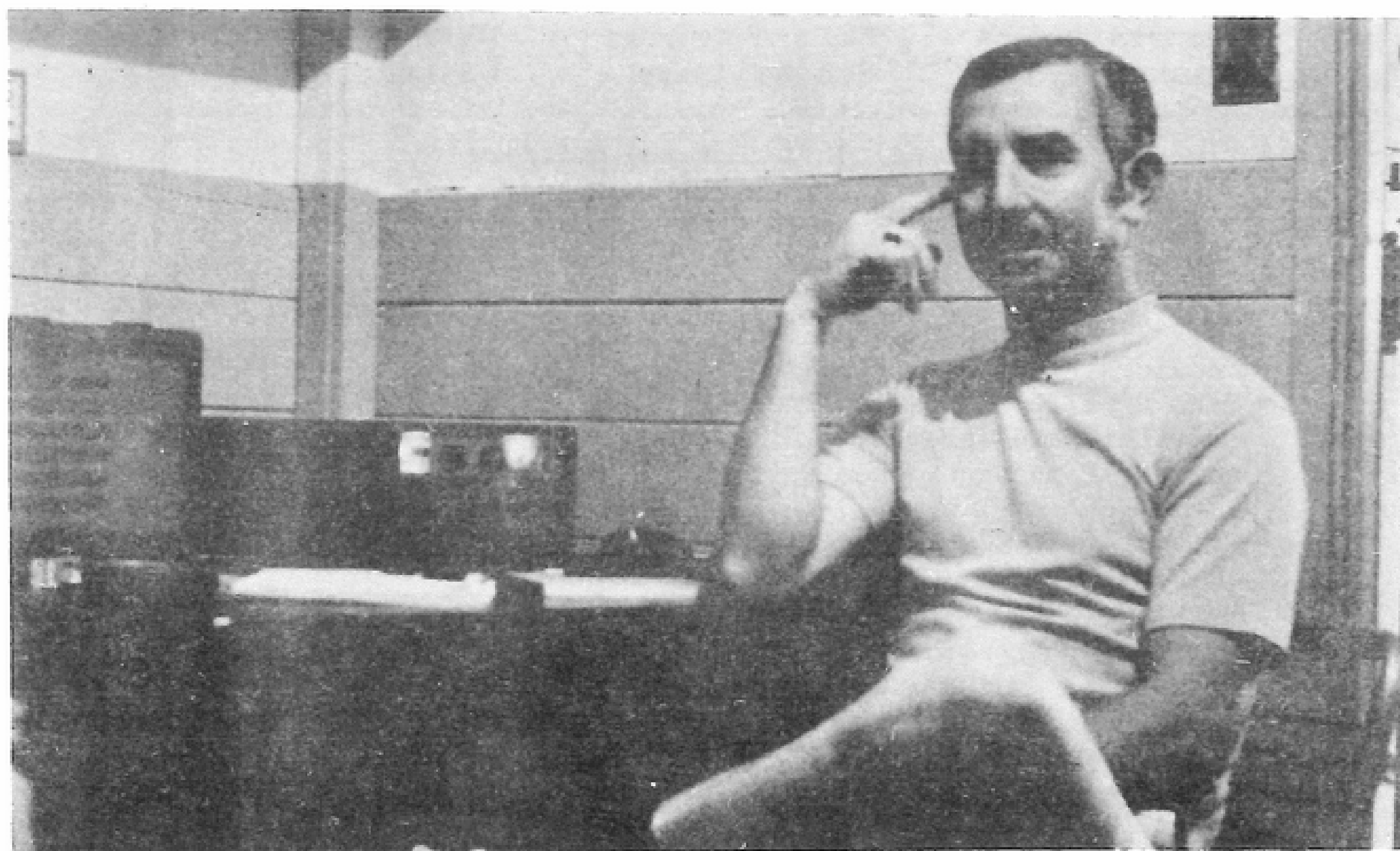
COLLECTOR AND EMITTER



Volume 1

September 1975

Number 8



KEN KENDRICK, WB5ECJ, IS CAPTURED IN A MOMENT OF RELAXATION DURING ONE OF THE SATURDAY MORNING COFFEE BREAKS AT THE W5LOW STATION AT AMERICAN RED CROSS HEADQUARTERS. KEN IS ONE OF THOSE RESPONSIBLE FOR EXISTANCE OF THAT STATION AND THE PHYSICAL CHANGES THAT HAVE BEEN MADE THERE SINCE THIS PICTURE WAS TAKEN. KEN, AS PAST PRESIDENT OF THE VHF CLUB AND CURRENT PRESIDENT OF C.O.R.A. HAS DONE MUCH TO STIR UP ACTIVITY AND DISPEL LETHARGY BY ORGANIZING AND MANAGING, IN A PROFESSIONAL MANNER, SOME OF THE LATENT RESOURCES WE HAVE. QUITE UNPROMPTED, AND UNAWARE OF HIS SELECTION FOR COVER STORY, HE SUBMITTED A LETTER TO YOU AMATEURS FOR PUBLICATION IN THIS ISSUE. FIND IT AND READ IT. HERE YOU HAVE A BUSY PROFESSIONAL WHO CAN FIND TIME TO MAKE THINGS BETTER FOR YOU. HE SHOULD SERVE AS AN EXAMPLE TO THOSE WHO LOOK BACK AND CAN'T THINK OF ANY AMATEUR RADIO RELATED JOBS, NO MATTER HOW SMALL, THEY HAVE VOLUNTEERED FOR AND COMPLETED IN THE RECENT PAST.

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.

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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:

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Postal Station 18, Oklahoma City, OK 73169

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WR5ADF 07/67

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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
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Club
NEWS

WSLW
*The Elmer Goodler Memorial
Station*

FROM THE PRESIDENT

HAVE YOU RESPONDED TO JOE BUSWELL'S PLEA FOR C.O.R.A. COLLECTOR AND EMITTER ARTICLES? REMEMBER, JOE IS NOT ONLY OUR OCVHFARC EDITOR BUT ALSO OUR CHIEF SOURCE OF TECHNICAL PROGRAMMING; SO GIVE HIM A FULL MEASURE OF ASSISTANCE!

THE 1975 OKLAHOMA STATE ARRL CONVENTION WAS ATTENDED BY 457 REGISTERED PERSONS.....AND WHO KNOWS BY HOW MANY THAT DIDN'T BOTHER TO SIGN IN. IT WAS A RESOUNDING SUCCESS. BUT DON'T FOR A MOMENT FORGET THAT SUCCESSFUL OPERATIONS COME ABOUT ONLY THROUGH THE EFFORTS OF DEDICATED INDIVIDUALS. A NUMBER OF PERSONS WORKED HARD ON THAT CONVENTION, A NUMBER, VERY, VERY SMALL WHEN CONTRASTED WITH THE NUMBER WHO ENJOYED THE FRUITS OF THE LABORS OF THAT LITTLE GROUP OF DEDICATED WORKERS! LET'S GIVE FULL ACCOLADE TO EACH OF THEM!

THERE WERE SOME FEW SMALL GRIPEs; NOTHING'S PERFECT. BUT IT TOOK A PERSON SOURED ON THE WORLD IN GENERAL TO DOWN-RATE THE 1975 STATE CONVENTION! THE PA SYSTEM WASN'T TOO GOOD. BUT, THEN, JUST HOW MANY PA SYSTEMS WORK WORTH A HOOT? FEW, ISN'T IT? AND THEY COULD HAVE USED A FEW MORE GIRLS SERVING THE QCWA BREAKFAST.....BUT THEY'LL BE BETTER PREPARED NEXT YEAR!

THE CLUB LUCKED INTO A DONATION OF EQUIPMENT. A CHAP CALLED ME TO ASK ABOUT A CLUB OR A CLASS THAT'D LIKE SOME DONATED RADIO GEAR; SO I SUGGESTED THE "RADIO CLUB AT THE RED CROSS"JUST A MILD HINT ALONG WITH THE ASSOCIATION OF PERHAPS THE DONATION BEING TAX DEDUCTIBLE. IT TURNED OUT THAT THE DONOR CARED NAUGHT ABOUT TAX DEDUCTIONS; SO CHARLIE GREEN PICKED UP THE EQUIPMENT FOR THE CLUB. I'LL LET CHARLIE TELL YOU THE TALE OF THE CHOICE LOOT!

WHICH BRINGS UP ANOTHER THOUGHT: THE CLUB SHOULD DISPOSE OF THE OBSOLETE EQUIPMENT THAT HAS DONE NAUGHT BUT CLUTTER UP OUR OPERATING ROOM. DO YOU HAVE ANY BEAUTIFUL THOUGHT ABOUT WHERE AND TO WHOM IT COULD BE DISPOSED SO AS TO BRING IN SOME GREEN STUFF TO BE USED FOR THE PURCHASE OF MODERN EQUIPMENT? OR SUPPLIES.....LIKE A CALL BOOK THAT'S NOT QUITE OF LEGAL VOTING AGE? CARL W5JJ

FROM THE C.O.R.A. PRESIDENT

FELLOW AMATEURS:

I HOPE YOU WERE ABLE TO ATTEND OUR "OKLAHOMA HAM HOLIDAY", HELD AUGUST 2ND AND 3RD HERE IN OKLAHOMA CITY.

C.O.R.A., INC. WHICH REPRESENTS YOU, AND WAS RESPONSIBLE FOR GETTING OUR FIRST "OKLAHOMA HAM HOLIDAY" OFF THE GROUND LAST YEAR, DID ANOTHER MAGNIFICENT JOB THIS YEAR.



Club NEWS

VSLOV
The Elmer Goodier Memorial
Section

TOTAL REGISTRATIONS LAST YEAR WERE 357 AND THIS YEAR WERE 457. THAT IS A SIZABLE INCREASE FOR ONE YEAR AND I THINK CLEARLY SPEAKS FOR THE EFFORT AND PLANNING BY THE MANY "AMATEURS" WHO SPENT INNUMERABLE HOURS ON ALL THE ENDLESS DETAILS NEEDED TO INSURE A SUCCESSFUL "HAMFEST".

SPEAKING FOR MYSELF, AND I'M SURE FOR MOST OF THOSE INVOLVED IN THE MECHANICS OF THE "HAMFEST", IT WAS REWARDING TO FEEL THAT MOST EVERYONE WHO ATTENDED HAD A GOOD TIME AND WENT AWAY FEELING EVEN BETTER ABOUT BEING A PART OF SUCH A FANTASTIC HOBBY.

WELL, SO MUCH FOR THE PAST. WE NEED TO LOOK ON DOWN THE LOG TO "OKLAHOMA HAM HOLIDAY NUMBER THREE". THE OFFICERS AND OFFICIAL CLUB REPRESENTATIVES HAVE COME TO THE CONCLUSION THAT THE ELECTION OF OFFICERS FOR C.O.R.A., INC. SHOULD TAKE PLACE IMMEDIATELY FOLLOWING THE "HAMFEST", SO THAT THEY MAY START THE BALL ROLLING ON THE NEXT "HAMFEST" AND NOT BE INSTALLED AFTER THE PLANNING OF THE NEXT ONE HAS TAKEN PLACE. THEREFORE, AN ELECTION OF OFFICERS FOR C.O.R.A. WILL TAKE PLACE ON SEPTEMBER 12 1975, 7:30 P.M., AT THE AMERICAN RED CROSS HQS BLDG.

FELLOWS, WE HAVE A LOT OF AMATEURS IN THE AREA THAT HAVE TALENT COMING OUT THEIR EARS. IF SOME OF THIS TALENT COULD BE FOCUSED ON MATTERS OF CONCERN TO THE LOCAL AMATEUR THROUGH C.O.R.A. WE WOULD ALL BENEFIT.

WITHIN C.O.R.A. THERE IS GREAT POTENTIAL FOR ACCOMPLISHMENT BY COOPERATION AMONG AREA RADIO AMATEURS, AS EVIDENCED BY C.O.R.A. COLLECTOR AND EMITTER AND HAM HOLIDAY, FOR EXAMPLES; WHO KNOWS WHAT COULD BE ACCOMPLISHED BY AN ORGANIZATION WITH THE BROAD SCOPE AND LATENT RESOURCES THIS ONE HAS? I GUESS WHAT I'M TRYING TO SAY IS, LET'S GET SOME NEW BLOOD, WITH NEW IDEAS INTO THE STREAM OF THINGS AROUND HERE.

SO, COME ON DOWN THE 12TH WITH YOUR CANDIDATE FOR OFFICE AND MAKE YOURSELF HEARD. KEN, WB5ECJ

JUST WONDERING WHY ---

FOLKS SAY "BOTH MOBILE FIVE" WHEN THEY IDENTIFY. ALL THAT CHARLIE ASKS FOR IS THAT THE TRANSMITTING OPERATOR SAY WHEN HE IS MOBILE FIVE.

WE CAN'T USE THE 10-CODE ON THE REPEATER. THE EMERGENCY SERVICES WE WORK WITH IN TIME OF NEED USE AND UNDERSTAND IT BETTER THAN THE "HAM" ABBREVIATIONS.

SOME FOLKS CAN'T SEEM TO GET A CALL RIGHT AFTER IT IS REPEATED TWO OR THREE TIMES AND EVEN SPELLED PHONETICALLY. GUESS THEY JUST DON'T LISTEN SO GOOD.

WE HAVE TO NAME EACH STATION IN A QSO ON THE REPEATER EVERY TIME IT TURNS OVER TO ANOTHER PARTY IN THE CONVERSATION.



Club
NEWS

W5LOV
The Elmer Goolbsy Memorial
Station

NOBODY IS ON THE SIX METER BAND ANY MORE.

NO ONE SEEMS TO BE ABLE TO FIND THE "KERCHUNKER".

WE SPEND HALF OUR TIME IDENTIFYING AFTER CONTACT IS ESTABLISHED ON THE REPEATER. EVERYONE MUST BE HEARING WELL OR THEY WOULDN'T BE IN THE REPEATER. MOST OF US RECOGNIZE EACH OTHER'S VOICES, SO WHY USE UP THE TIME CALLING EACH OTHER'S NAMES.

SOME FELLOWS WILL TELL YOU THAT THEY SURE DID WANT TO HELP DO A CHORE THAT HAS TO BE DONE, BUT NEVER CAN TELL YOU UNTIL AFTER THE WORK IS ALL OVER.

WE CAN THINK OF A DOZEN EXCUSES FOR NOT DOING SOMETHING, BUT NEVER CAN FIND A GOOD REASON FOR DOING IT.

NOTHING EVER WORKS RIGHT THE FIRST TIME.

OHM'S LAW AND MURPHY'S LAW NEVER FAIL TO WORK.

THERE IS NEVER ENOUGH TIME FOR SOME FOLKS TO DO ANYTHING, BUT IF YOU WANT TO GET A JOB DONE, GIVE IT TO A GUY WHO IS ALREADY OVERLOADED WITH WORK. THE KRANKY OLD ZONBIE

SID, W5K0Z

EDITOR'S NOTE: THE EXCELLENT BIT OF PONDERING ABOVE WAS SUBMITTED AT MY REQUEST. AS YOU MAY REMEMBER, I AM SELECTING VHF CLUB MEMBERS AT RANDOM TO CONTRIBUTE ARTICLES OR IDEAS FOR ARTICLES. SID WAS THE ONLY ONE TO COME THROUGH. THE FOLLOWING BLANK SPACE WAS SUBMITTED BY T. VAN WOODY, W5FMX, AND JEF CASEY, W5GWB. IT CAN BE USED FOR DOODLING, SKETCHING, TELEPHONE NUMBERS, CLEANING RELAY CONTACTS, OR WRITING SOMETHING FOR NEXT MONTH'S C & E. T. VAN AND JEF CAN EARN COMPLETE ABSOLUTION WHEN THEY SUBMIT SOMETHING. I CAN ALWAYS FIND MORE SPACE IF WE GET TOO MUCH MATERIAL!

T. VAN'S AND JEF'S SPACE



MEANWHILE, THE FICKLE FINGER MARCHES ON. FOR NEXT MONTH, YOUR GUEST AUTHORS WILL BE: DICK WOKATY, WA5OUU
JOHN HEPHNER, WN5KSO
ALBERT BOORD, WA5G01

NEWS! NEWS! NEWS! NEWS!

THE CRY IS FOR NEWS, NEWS OF YOURSELF, NEWS OF YOUR FRIENDS, NEWS OF NEW RADIO AMATEURS, NEWS OF THINGS RADIO AMATEURS HAVE DONE. NEWS OF NOTEWORTHY DX, NEWS OF NEW RIGS, NEWS OF NEW ANTENNAS, NEWS OF VISITS, NEWS OF TOURS, NEWS OF VISITORS TO YOUR SHACK, JUST PLAIN NEWS OF ANY NATURE. NEWS, YOU SEE, IS WHAT MAKES A RADIO CLUB'S MAGAZINE GET READ. YOU LIKE TO SEE YOUR CALL IN PRINT, YOUR FRIENDS LIKE TO KNOW WHAT YOU'RE UP TO, EVEN WOULD-BE FRIENDS WOULD LIKE TO KNOW YOU BETTER.

SO DRAG OUT YOUR TYPEWRITER (OR WRITE IT BY HAND IF YOU THINK JOE CAN READ YOUR HANDWRITING AND GIVE JOE BUSWELL THE WHEREWITHAL TO COMPOSE A REALLY READABLE AND CHOCKFUL-OF-NEWS SECTION OF THE C.O.R.A. COLLECTOR AND EMITTER. CARL, W5JJ

FOR SALE:

AMECO TX-62, TUBE-TYPE CONVERTERS FOR 2 AND 6 METERS, POWER SUPPLY FOR CONVERTERS WITH SWITCHBOX FOR SELECTING PROPER CONVERTER, RF BANDPASS FILTER FOR MASKING TV STATIONS. ALSO RF COAXIAL RELAYS, COAX CABLE, AND JUST ONE HEXX OF A LOT OF OTHER RADIO GEAR, MOSTLY OLD, ALL GOOD. CARL, W5JJ, 789-3788

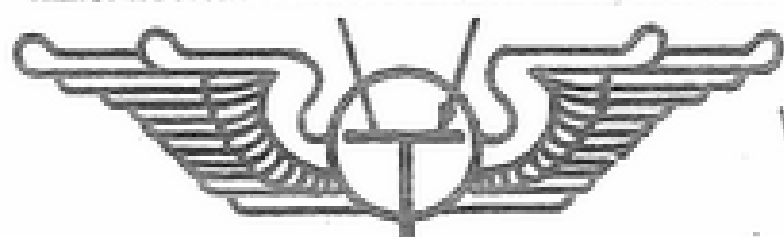
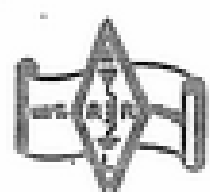
DRAKE TR-4C TRANSCEIVER WITH DC-4 MOBILE POWER SUPPLY, KEN, WB5ECJ, 751-4917

RG-17/U, 2 pieces 50 ft, 1 piece 60 ft, make offer. Carl, W5JJ, 789-3788

CHARLIE, WA5JGU, REPORTS THAT THE FOLLOWING EQUIPMENT HAS BEEN DONATED TO W5LOW BY DON DORN, WA5MCN.

EICO 753 HF TRANSCEIVER, EICO 720 NOVICE CW TRANSMITTER, HOMEBREW LINEAR AMP FOR HF, CAPABLE OF 1200W INPUT, HEATHKIT PHONE PATCH, A COUPLE OF ANTENNA TUNERS AND A HOMEBREW KEYSER WITH MEMORY. HE ALSO DONATED MISCELLANEOUS PARTS AND TOOLS FOR THE CLUB'S USE. A HEARTY THANKS DON!

AT NEXT MONTH'S CLUB MEETING I WILL DISCUSS TEMPERATURE STABILIZATION OF OSCILLATORS. COME AND LISTEN. MAYBE ONE OF YOU WOULD LIKE TO TAKE ON THE VFO IN THAT 753. ONLY ONE I EVER KNEW OF THAT WAS CURED HAD A COLLINS PTO GRAFTED IN BY K5DLE. IF TIME PERMITS, I WILL RUN THE HP-25 PROGRAMMABLE CALCULATOR THROUGH ITS PACES FOR YOU. SEE YOU NEXT MONTH. JOE, WA5TRS



W5PAA

THE PRESIDENT'S CORNER

OKLAHOMA HAM HOLIDAY CAN ONLY BE DESCRIBED AS A COMPLETE SUCCESS, WITH 457 REGISTERED GUESTS AND APPARENTLY ALL HAD A GOOD TIME. THE CORA OFFICERS AND ALL THE MEMBERS WORKING ON THE VARIOUS COMMITTEES DESERVE A BIG "THANK YOU" FOR MAKING THIS POSSIBLE. I EVEN LUCKED OUT AND CAME HOME WITH A COUPLE OF NICE PRIZES.

TEXOMA HAMARAMA IS THE NEXT "BIGGIE" COMING UP. IT IS SCHEDULED FOR THE LAST WEEKEND IN OCTOBER, THE 25TH AND 26TH TO BE EXACT. THE COMMITTEE MET AT TEXOMA LODGE SATURDAY, AUGUST 9, FOR PRELIMINARY PLANS WITH THE LODGE MANAGEMENT. EVERYTHING LOOKS GOOD FOR ANOTHER SUCCESSFUL HAMARAMA THIS YEAR. WE FOUND OUT THAT THE LODGE WAS ALREADY FULL AND MOST OF THE CABINS WERE RESERVED FOR THIS WEEKEND. IF YOU PLAN TO ATTEND AND CAN'T GET RESERVATIONS, THERE ARE A NUMBER OF MOTELS FROM MADILL TO DURANT THAT ARE NOT TOO FAR AWAY. FOLLOWING THE MEETING, ROSLIN AND I SPENT A FEW HOURS ROAMING AROUND THE PARK. CAN ONLY COMMENT THAT IT IS A POPULAR PLACE WITH TENTS, CAMPERS AND TRAILERS PARKED BUMPER TO BUMPER IN THE CAMPGROUNDS, AND THE WATER LOOKING VERY INVITING FOR ALL WATER SPORTS. WILL HAVE TO GET BACK THERE IN THE FALL WHEN THE CROWD THINS OUT AND THE WEATHER IS A LITTLE COOLER.

THE CENTRAL OKLAHOMA CHAPTER OF QCWA HAD THEIR QUARTERLY MEETING AUGUST 17. IF YOU HAVE BEEN AN AMATEUR FOR 25 YEARS OR MORE, YOU SHOULD JOIN QCWA. SEE RED MAYER, W5RDE OR GEORGE HOLT, W5DDI. THEY WILL BE GLAD TO HELP WITH YOUR APPLICATION. RED PRESIDES ON THEIR WEEKLY NET, SUNDAY MORNINGS AT 0830 HOURS ON 3850 KHz. EVERYONE IS WELCOME TO CHECK IN.

"MINI FIELD DAY" ANYONE? MAYBE THAT ISN'T THE RIGHT NAME FOR IT, BUT THE PAST COUPLE YEARS WE HAVE HAD A "LAST FLING" BEFORE NASTY WINTER WEATHER SETS IN, CAMPOUT AND WEINER ROAST, THE WEEK-END BEFORE THANKSGIVING AT LAKE THUNDERBIRD. WHAT WOULD YOU LIKE THIS YEAR AND WHERE?

73
W5HXL



MINUTES OF THE JOINT ACARC AND VHF CLUB MEETING 8/L5/75.

THE MEETING WAS CALLED TO ORDER BY PRESIDENT ASHBY AT 2000. A ROUND OF SELF INTRODUCTIONS WAS CALLED FOR AND ANY PERTINENT ACCOMPLISHMENTS THAT HAPPENED DURING THE MONTH.

ED RANSON, WA5PWX, A NEW MEMBER AND A STUDENT FROM THE NEW ORLEANS AREA, HAS BEEN WORKING 2 METERS LOCALLY. DON, WN5NIY, IS LOOKING FOR SOME HELP WITH A STORY FOR THE C&E. KEN, WB5KHU, GOT A DIGITAL CLOCK AT THE HAM HOLIDAY AND IT WORKS FINE UNTIL HE KEYS HIS LINEAR, THEN IT CHANGES TIME. CHARLIE, WA5JGU, HIS WIFE WON A CLOCK AND IT WORKS FINE. J. W., WA5KFT, HAS ENJOYED THE HAM HOLIDAY AND MARSFEST. FRANK, W5AAR, WAS A NON-WINNER. DORTHY, WB5ELG, WAS OFF THE AIR FOR A WEEK DUE TO A FAULTY RIG. BILL, WA5RAQ, WENT OVER AND REPAIRED IT, SO SHE IS BACK IN BUSINESS NOW. TOM, W5OZE, GAVE AWAY SO MANY QSL CARDS AT HAM HOLIDAY, PEOPLE THOUGHT THAT HE WAS A CANDIDATE FOR OFFICE. HE HAS WORKED SOME 2M DX. CARL, W5JJ, WON A PRIZE AND IMMEDIATELY SOLD IT. HE ALSO SOLD HIM TR4 AND HAS BEEN OPERATING HIS L929 HARTLEY OSCILLATOR. BEEN GETTING GOOD REPORTS TOO. BILL, WA5FWD, HAS BEEN BUSY WITH HAM HOLIDAY AND A QUICK TRIP TO SAN FRANCISCO. STILL PLAYING WITH THE CRYSTAL RADIOS. BILL, WA5RAQ, RETIRED FROM THE FAA 8/1/75. HE IS BUSY OIL PAINTING, ETC. BILL, WA4UOF, A STUDENT FROM ATLANTA, HAS BEEN ENJOYING 2M. GENE, NO CALL, AND BOB, WA5EEZ, HAS BEEN HELPING TOM, W5OZE, WITH HIS ROTOR. JOHN, W5AVK, HAS JOINED THE CLUB. JERRY, W5MCJ, IS EXPECTING COMPANY TO BRING AN OLD (ANTIQUE) TELEGRAPH RESONATOR. GIL, W5RB, HAS BEEN TRYING TO CATCH CARL, W5JJ, TO PASS SOME TRAFFIC. FRED, NO CALL NOW BUT WILL HAVE THO, BECAUSE HE PASSED HIS GENERAL, ADVANCED, AND EXTRA ALL AT ONE SITTING. FRED PREVIOUSLY HELD A CALL BUT LET IS EXPIRE. TODD, WA5VAQ, WAS INVITED TO JOIN THE CBER'S. HE ENJOYED THE HAM HOLIDAY BUT HAD SOME TROUBLE UNLOADING HIS JUNK. JOE, WA5TRS, RODE HIS MOTORCYCLE TO THE HAM HOLIDAY SO HE WOULDN'T BE ABLE TO CARRY HOME ANY JUNK. HE IS ALSO BUSY MAKING PLANS FOR THE UPCOMING RADIO CLASSES. RICHARD, WA5ZCB, WON A MAP OF NORTH AMERICA AT HAM HOLIDAY. HE ALSO BUILT A DIGITAL CLOCK AND IN A METAL CASE IT WORKS FINE. BUTCH CARR, NO CALL, IS TRYING TO

MINUTES (CONTD)

LEARN SO HE CAN GET A CALL. LLOYD, WB5HUP, HAS BEEN CLIMBING HIS TOWER AND WORKING ON HIS REPEATER. BOB, W5HXL, ALSO ENJOYED THE HAM HOLIDAY.

NEXT CLASSES START SEPTEMBER 4, 1975, AT THE OKLAHOMA MILITARY ACADEMY AT N. E. 36TH AND GRAND BLVD. THE FACILITIES ARE NEW. BOOKS USED WILL BE THE ARRL HANDBOOK AND AMECO. TWO THEORY CLASSES WILL BE OFFERED, NOVICE AND GENERAL-ADVANCED. ALSO, TWO CODE CLASSES, 5 WPM AND 13 WPM.

CARL, W5JJ, IS LOOKING FOR A VOLUNTEER FOR THE TECHNICAL PROGRAM AT THE NEXT VHF CLUB MEETING. HE WILL NOT BE AT THE NEXT MEETING.

GILL, W5RB, GAVE THE PROGRAM ON TRAFFIC HANDLING. IT WAS VERY INTERESTING AND OBVIOUSLY GIL HAS HANDLED A LOT OF TRAFFIC HIMSELF.

THE MEETING WAS ADJOURNED AT 2100 FOR REFRESHMENTS.

BILLY OLIVER, K5KDR
SECRETARY/TREASURER

TECHNICAL REVIEW

CQ, JUL, HAS A SATIRE ON "HOMEBREWING," ANOTHER OF THE EXCELLENT ARTICLES ON ANTENNAS BY W6SAI, AN ANALYSIS OF THE ACCURACY AND CALIBRATION OF VSWR METERS (CHIEFLY NOTABLE FOR STATING THEY'RE NOT WORTH A WHOOP FOR ANYTHING BELOW A 3:1 RATIO), SOME GOOD WORDS TO NOVICES FROM W9EGQ, AND THE USUAL STUFF FOR DX HUNTERS.

ELECTRONIC COMPONENT NEWS, JUL, TELLS THE FULL STORY OF IC SOCKETS.

WORLD RADIO NEWS, JUL, HAS A THOUGHT-PROVOKING EDITORIAL, MANY SHORT ITEMS ON VARIOUS FACETS OF AMATEUR (NEVER "HAM") RADIO, A HIGHLY-READABLE ACCOUNT OF A COMMERCIAL HF POINT-TO-POINT STATION IN THE '30s, GOOD WORDS OF ADVICE TO THOSE BOLD SOULS WHO TACKLE BUILDING THE SB-104, MANY SPECIAL-INTEREST "COLUMNS" LIKE MARINE, AERONAUTICAL, TRAFFIC, FM, NOVICE, TRAINING, ETC. THE TRAPPED MULTIBAND DIPOLE IS "RE-INVENTED" BY W6GWL! DON'T MISS THE M-TRON ADV, WHICH SHOWS THAT ADVS DON'T HAVE TO BE BORING!

ELECTRONIC TECHNICIAN/DEALER, JUL, COURTESY OF W5KE, DEALS WELL WITH "EXOTIC" SEMICONDUCTORS, THEN GIVES A QUICKIE COURSE ON DBs. ANOTHER ARTICLE CONCERNS THE MANY TYPES OF CAPACITORS; IT HAS SEVERAL QUESTIONABLE STATEMENTS.

HAM RADIO, AUG, STARTS WITH A THOUGHT-PROVOKING EDITORIAL AND THEN PRESENTS A SERIES OF WELL-WRITTEN TECHNICAL ARTICLES, MOSTLY FOR ADVANCED AND WELL-MONIED EXPERIMENTERS AND CONSTRUCTORS. ONE EXCEPTION SHOWS HOW TO MAKE A TWO-FET CW TRANSMITTER.

73, AUG, CONTINUES ITS SERIES ON THE HELICAL ANTENNA, STARTS A SERIES ON A DIGITAL READOUT VSWR INDICATOR, GANDERS THE DVM SCENE (OMITS THE NEW ONE FROM RADIO SHACK), HAS A FOLLOW-ON TO THE ACCU-KEYER, GIVES SOME POINTERS ON GETTING THE BEST OUT OF TV SWEEP TUBES (BUT SPOILS IT IN THE NEXT-TO-THE-LAST PARAGRAPH BY SOME FICTION ABOUT VSWR), TALKS ABOUT LOGIC CIRCUITS, PRESENTS GOOD STUFF ON MULTIBAND DIPOLES, HAS A STAFF ARTICLE ON REMOTE VFOs, TELLS HOW TO GET GOOD FRONT-TO-BACK RATIOS FROM YAGI ANTENNAS, AND PRESENTS WAYNE'S EDITORIAL COMMENTS. HE'S TAKING OVER A MAGAZINE FOR DIGITAL FREAKS; PERHAPS WE'LL SEE MORE RADIO ARTICLES IN 73!

TECHNICAL REVIEW (CONTD)

SHORT WAVE MAGAZINE, JUL, DESCRIBES TWO VSWR INDICATORS SUITABLE FOR VERY LOW POWER APPLICATIONS. ANOTHER ARTICLE DESCRIBES THE CONSTRUCTION OF A TUBE-TYPE 144 MHZ RF SECTION OF SIMPLE DESIGN. THE PRACTICAL RESULTS OF USING AN RF TYPE OF SPEECH "CLIPPER" AND ITS COMPARISON WITH AN AF VARIETY MAKES INTERESTING READING.

RADIO COMMUNICATION, JUL, HAS ITS GOLDEN JUBILEE EDITION WITH MANY INTRIGUING GLIMPSES OF THE PAST. TECHNICAL ARTICLES INCLUDE ONE ON A 144 MHZ QUAD ANTENNA WITH SWITCHED POLARIZATION, A PRESCALER FOR 144 MHZ, AND THE CONCLUSION OF ITS SERIES ON DIODES. AS USUAL, ITS TECHNICAL TOPICS SECTION IS LADEN WITH ITEMS OF INTEREST, ONE BEING ON BAND-CHANGING WITH DIODE SWITCHES, ANOTHER ON A PHASE-LOCKED VHF VFO. STILL ANOTHER, VERY INTRIGUING, IS ON SINGLE SIDEBAND CW!

RADIO ELECTRONICS, SEP, UNLIKE MOST ISSUES, HAS SEVERAL ITEMS WORTH READING. AN ARTICLE ON MATV ANTENNAS CONTAINS USEFUL INFORMATION. SO DOES AN INSTALLMENT ON "ALL ABOUT OSCILLOSCOPES." TWO OR THREE OTHER TITLES PROMISED INTEREST, THEN PROVED TO BE DULL AND NON-INFORMATIVE.

POPULAR ELECTRONICS, SEP, IS AN UTTER LOSS!

CQ, AUG, TELLS THE GOOD AND THE BAD OF HEATHKITS SB-104, REPEATS RADIO COMMUNICATION'S ARTICLE ON QUADS AND LOOPS, MOUTHS SOME SOUR GRAPES ON W2DU'S DESTRUCTION OF MYTHS ABOUT VSWRs, AND HAS COMMENTS ON LICENSE PROPOSALS.

ELECTRONIC ENGINEERING TIMES, 11 AUG, QUOTES A DESIGN ENGINEER AS SAYING SEMICONDUCTOR MANUFACTURERS HAVEN'T COME UP WITH RF POWER DEVICES SUFFICIENTLY LINEAR FOR GOOD SSB AMPLIFIERS. WONDER WHAT ATLAS, SWAN, TEN-TEC, ET AL, HAVE TO COMMENT?

WORLD RADIO NEWS, AUG, IS A PRIME EXAMPLE OF ALL THAT IS GOOD IN PRESENTING THE POSITIVE, THE AFFIRMATIVE, THE FAVORABLE ASPECTS OF AMATEUR RADIO. IT'S DELIBERATELY LIGHT ON TECHNICAL ARTICLES BUT BEARS DOWN HEAVILY AND EFFECTIVELY OF WHAT AMATEUR RADIO IS DOING FOR THE BENEFIT OF MANKIND. AND GIVES HINTS ON HOW YOU CAN CONTRIBUTE IN THAT VITAL FIELD!

FAVORABLE PUBLICITY

STEVE HOFFMAN, WHO WROTE THE ARTICLE APPEARING ON PAGE 9 OF THE 21 JULY ISSUE OF THE OKLAHOMA JOURNAL, DESERVES A PAT ON THE BACK AND A RESOUNDING "WELL DONE!" FROM THE LOCAL AMATEUR RADIO FRATERNITY. IT WAS FACTUAL, DIGNIFIED, AND WHOLLY AN ASSET TO THE STATUS OF AMATEUR RADIO AND RADIO AMATEURS. NOT ONCE DID THE SCURRILOUS TERM "HAM" APPEAR, A NOTABLE DEPARTURE FROM THE DERISIVE STANCE OF THE AVERAGE NEWSPAPER ARTICLE. THANKS, STEVE!

THE ARTICLE TOLD OF THE STORM WARNING NET, ONE OF THE MANY PICON ACTIVITIES PROVIDED BY AMATEURS OF RADIO. OUR FRATERNITY COULD WELL BENEFIT BY MORE EXAMPLES OF FAVORABLE PUBLICITY. DO YOU THINK STEVE COULD BE PRIMED WITH THE MAKINGS OF ANOTHER ONE?

CHATTER

DAVID W. LANGLEY, W4YDY, A LONG-TIME MEMBER OF THE ACARC, HAS MOVED TO OKC TO ACCEPT A POSITION ON THE AERONAUTICAL CENTER TEACHING STAFF. WELCOME TO THE LOCAL COMMUNITY, DAVE!

DID YOU NOTE THE QUALITY OF THE TALK GIVEN BY ROY ALBRIGHT, OUR WEST GULF DIVISION ARRL DIRECTOR, AT THE OKLAHOMA STATE CONVENTION? ROY DELIVERED AN OUTSTANDING EXPOSITION ON LEAGUE POLICY. WE ARE INDEED FORTUNATE TO HAVE A DIRECTOR OF SUCH CALIBRE.

BILL HINES, K5CBG, IS HOME IN CACHE, OK, AFTER A SIX-MONTH STAY IN A REST HOME RECUPERATING FROM A BROKEN LEG....HIS ONE GOOD LEG; YOU MAY RECALL THAT BILL HAD A LEG AMPUTATED A YEAR OR TWO AGO.

RALPH LADD, W3KA, SENDS HIS REGARDS TO THE LOCAL GANG. HE WAS CHATTING WITH VIC CLARK, W4KFC, ARRL VP AND FORMER ACARC MEMBER, AT THE PVRC MEETING.

NOTICE: THE PERSON WHO LEFT A PLASTIC PACKAGED RADIO PART AT ELLARD'S ^xE_L AT HAM HOLIDAY CAN HAVE SAME BY IDENTIFYING. CONTACT W5KE AT 789-6702.

CAN YOU REMEMBER WHEN.....?
(IF SO, THEN YOU ARE AN OLD TIMER)

THE RADIOTELEGRAPH SYMBOL FOR PERIOD WAS "DIT DIT DIT DIT DIT DIT?" (YES, THAT ODD SPACING IS INTENTIONAL.)

THE RADIOTELEGRAPH SYMBOL FOR "WARNING: HIGH POWER" (AND ALSO THE EXCLAMATION POINT) WAS "DAH DAH DIT DIT DAH DAH"....AND OPERATORS USED TO SOUND IT ON THEIR AUTOMOBILE HORNS WHEN THEY WANTED TO CLEAR TRAFFIC.

"HELIX" WAS A COMMON TERM IN CONVERSATIONS AMONG AMATEURS. (IT REFERRED TO THE SINGLE-LAYER, WIDE-SPACED, AIR-DIELECTRIC, LARGE-WIRE COIL THAT SERVED AS THE SOLE TUNING ELEMENT IN A TRANSMITTER.)

QST PUSHED ESPERANTO AS AN INTERNATIONAL LANGUAGE FOR AMATEUR RADIO AND RAN LESSONS.

NATIONALITY-DESIGNATING PREFIXES WERE NOT APPENDED TO CALLS AND A STAB AT REDUCING THE CONFUSION WAS MADE BY HAVING "DE" REPLACED BY UNOFFICIAL DESIGNATORS. IF CANADIAN 1AA WANTED TO CALL UNITED STATES 1AA HE WOULD CALL "1AA UC 1AA".

QST WAS 35 YEARS AHEAD OF TIME IN ADVOCATING THE USE OF "PICOFARAD" IN PLACE OF "MICROMICROFARAD."

"WIRELESS" WAS RUNNING NECK-TO-NECK WITH "RADIO" AS THE POPULAR TERM FOR THIS AVOCATION OF OURS.

THE STANDARD CIRCUIT FOR A VACUUM-TUBE RECEIVER WAS THE THREE-CIRCUIT REGENERATIVE USING A VARIOCOUPLER AND TWO VARIOMETERS. THE TUBE, OF COURSE, WAS A "SOFT" TUBE WHICH REQUIRED A VERNIER RHEOSTAT ON THE FILAMENT (ONE AMPERE AT FIVE VOLTS) AND A TAPPED "B" BATTERY (18 TO 22.5 VOLTS IN 1.5 VOLT STEPS) ON THE PLATE.

AN AMATEUR HAVING ONLY A SINGLE WIRE IN THE FLATTOP PORTION OF HIS ANTENNA WAS CONSIDERED EITHER VERY IGNORANT OR VERY LAZY. A FOUR-WIRE FLATTOP WAS STANDARD.

CAN YOU REMEMBER WHEN? (CONT'D)

BROADCAST LISTENERS USED TO BUILD THEIR OWN RECEIVERS.

ANTENNAS WERE ALL SO HIGH AND SO LONG YOU COULDN'T TELL A BCL FROM AN AMATEUR EXCEPT FOR THE GUY WIRE INSULATORS.... (ONLY AMATEURS USED THEM).

BALDWIN HEADPHONES WERE RATED AS "EQUAL TO ANOTHER STAGE OF AMPLIFICATION" AND EVERY AMATEUR DREAMED OF OWNING A PAIR.... ESPECIALLY THE TYPE G "ANTI-STATIC" MODEL THAT SOLD FOR \$16.00.

S. G. BROWN TUNED-REED HEADPHONES, IMPORTED FROM ENGLAND, WERE THE ONLY ONES DEEMED COMPETITIVE WITH BALDWIN'S.

NO TETRODES WERE MANUFACTURED IN THE UNITED STATES AND ONLY A FEW FORTUNATE AMATEURS WERE ABLE TO OBTAIN IMPORTED PHILLIPS VALVES FOR EXPERIMENTING WITH THE "UNIDYNE" CIRCUIT.

THE DOUBLE-ENDED MYERS TUBES WERE MADE IN CANADA TO CIRCUMVENT RCS'S MONOPOLY.

A WELL-EQUIPPED AMATEUR STATION INCLUDED A RECEIVER WITH A TUNING RANGE OF 150 TO 30,000 METERS (LO KHz TO 3 MHz).

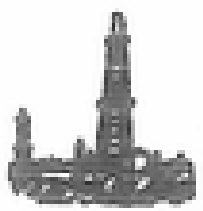
GREBE, PARAGON, COLLIN B. KENNEDY, DE FOREST, AND TUSKA WERE THE NAMES OF RECEIVERS AMATEURS DREAMED OF OWNING "WHEN THEY GOT RICH".

IF AN AMATEUR HAD A VT-1 OR A VT-2 IN HIS STATION THE PROBABILITIES WERE HEAVY THAT THE TUBE WAS STOLEN FROM THE SIGNAL CORPS.

EVERY AMATEUR KNEW WHAT YOU WERE TALKING ABOUT WHEN YOU SAID YOUR LOOSE COUPLER HAD "UNITS AND TENS" SWITCHES.

W5JJ

FOR SALE: KLM 10-140B VHF P.A. 144-248 MHz 140 W OUTPUT \$155
NEW NEVER BEEN USED RAMSEY W5JCJ 329-0794



MID-OKLAHOMA REPEATOR INC.

MORI MEETING SEPT.9,1975

The Monthly Meeting of the Mid-Oklahoma Repeater Inc. Will be at the Oklahoma City EOC 4600 North Eastern 8:00PM.

Business will come from the floor.

Program will be announced.

Doughnuts and coffee will be served.

Come and get the information about the Mid-States Repeater Meeting first hand.

When sending in your license for renewal be shure to use the proper address: P.O. Box 1020, Gettysburg, Pennsylvania 17325. This P.O. Box has been assigned to Amateurs only. Per HR report the FCC is running 12 weeks behind on applications so be patient, writing them about your application only creates more back log.

Another Amateur joins the ranks of the FCC.

Per Aug.15,1975 HR Report.

" JOSEPH JOHNSON, WA3SFY, has been named Chief, Rules and legal Branch of the Amateur and Citizens Division of the FCC effective August 17. Joe, Former W3GGO, Replaces John Johnston, K3BNS. This is an important position, and we are glad to again see an Amateur in this chair."

From HR report Aug.8,1975

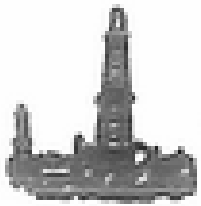
" 6METER AMATEUR BAND may be in trouble according to Prose Walker's comments at the Texas VHF FM society's convention in Texas last week. Prose seems to feel that there's a definite push on to add channel 1 to the VHF TV spectrum, and channel 1 is 6 meters!

The Channel 1 agitation may be an offshoot of a proposal made earlier this year by a Dallas consulting firm in response to Docket 20264, which pertains to radio call box systems in the 72-74 MHz range, suggesting that those four MHz be added to two MHz from the six meter band to create a new TV channel (HR Report, March 14).

Prose is still on the read so is not available for comment but it's unlikely that he would have said what he did without a good reason."

ARRL'S Response to the Restructuring Docket 20282 has been distributed to League officials and affiliated clubs, and an impressive document it is. 85 pages long with nine appendices adding another 42 pages, it appears to cover every possible facet of Docket 20282. It is particularly noteworthy for the completeness of its arguments, which even include a good deal of historical background.

Strongly recommended reading-- particularly for those whose responses simply supported the (then) unwritten League response. Available from ARRL for a (x12 envelope and \$1.10 postage."



MID-OKLAHOMA REPEATER INC.

Cont'd from HR Report Aug.8,75

TEXAS VHF FM SOCIETY'S big bash in Temple last weekend had about 350 registered and covered a lot of interesting ground."

Eat your harts out Texas Oklahoma Ham Holiday / ARRL State Convention, had 457 registered.

How about a Regional ARRL convention next year with Oklahoma Ham Holiday 3. Talk it up then help put it on.

From Aug.1, HR Report

" ARRL's 450 BAND PLAN (high in, low out) will be getting some knocks from some sadder but wiser repeater operators who've tried it. Seems A 449 MHz repeater carrier enjoys mixing with a 5MHz higher commercial signal(in high signal density urban areas), dropping a mix product right into the repeater receiver input. Lew McCoy is looking for comments.

On a personal note, I wish to thank all of you who helped out at Oklahoma Ham Holiday. I enjoyed it very much and hope you did. Also thanks to those who helped in the Aug.28 missing girl search. Incidentally she was located about midnight that night and a part-victim of a Micky Finn, but in good health, again many thanks.

Enjoy the repeaters, all three are on the air thanks to a hard working Tec. Committee.

See you at the meeting, Sept 9, WA5FWD Bill.

"THE WATER CURE"

TSA - N.E. New York

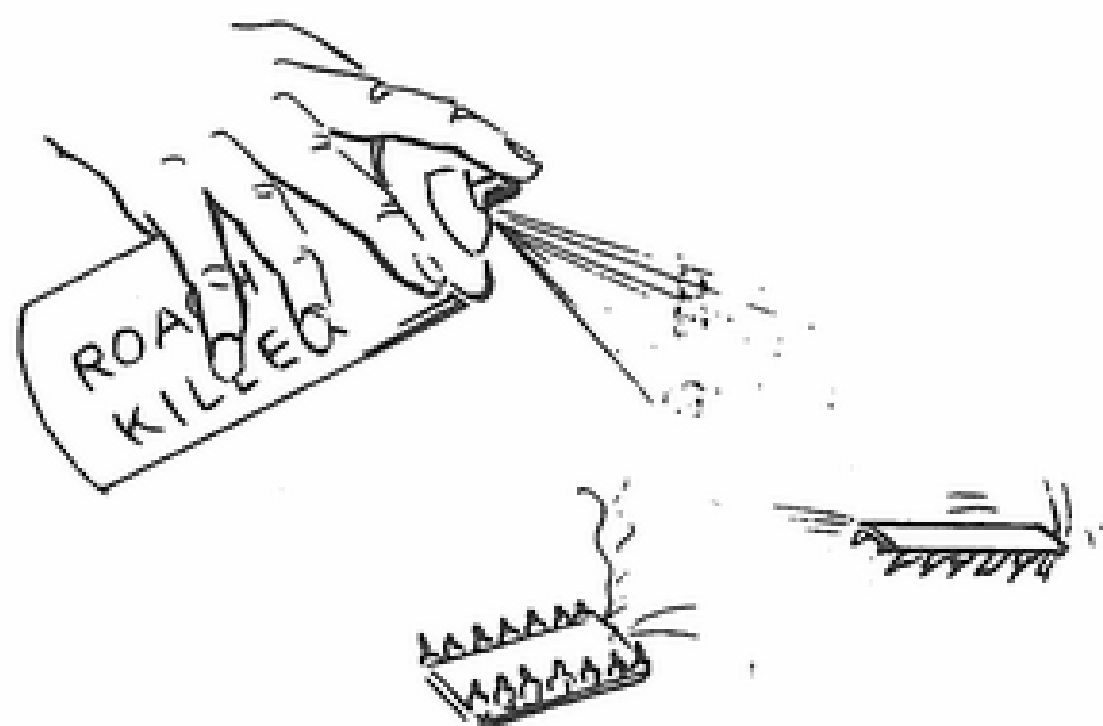
Sometime when you're feeling important
Sometime when your ego's in bloom
Sometime when you take it for granted
You're the best qualified in the room.

Sometime when you feel your going
Would leave an unfillable hole
Just follow this simple instruction
And see how it humbles your soul.

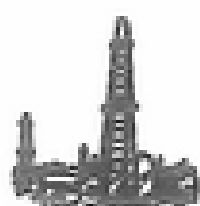
Take a bucket and fill it with water
Put your hand in - up to your wrist
Take it out - and the hole that's remaining
is a measure of how you'll be missed.

You can splash all you please as you enter
You can stir up the water galore
But STOP - and you'll find in a minute
That it looks quite the same as before.

There's a moral in this quaint example
Just do the best that you can
Be proud of yourself but remember
There is no indispensable man.



from ACTION Mini mag



MID-OKLAHOMA REPEATER INC.

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D. C. 20554

S

In the Matter of

Docket 20282

5/147

Amendment of Part 97 of the	)	RM-1016, RM-1363, RM-1454
Commission's Rules concerning	)	RM-1456, RM-1516, RM-1521
operator classes, privileges	)	RM-1526, RM-1535, RM-1568
and requirements in the	)	RM-1572, RM-1602, RM-1615
Amateur Radio Service.	)	RM-1629, RM-1633, RM-1656
	)	RM-1724, RM-1793, RM-1805
	)	RM-1841, RM-1920, RM-1947
	)	RM-1976, RM-1991, RM-2030
	)	RM-2043, RM-2030, RM-2149
	)	RM-2150, RM-2162, RM-2166
	)	RM-2216, RM-2219, RM-2256
	)	RM-2284, RM-2449

ORDER EXTENDING TIME TO FILE
REPLY COMMENTS

Adopted: August 18, 1975

Released: August 20, 1975

By: Chief, Safety and Special Radio Services Bureau


1. Mr. Jeffrey M. Bixby has requested that the time for filing reply comments in the above captioned matter be extended to September 16, 1975.

2. The original date set for filing of reply comments was July 16, 1975, and in response to a request from the ARRL, this date was set back to August 18, 1975, by order of the Commission on June 12, 1975.

3. In support of his request, Mr. Bixby states that he needs additional time to analyze the comments filed by the ARRL, in as much as he and other interested parties only received copies of the comments very recently.

4. We find that the reasons stated by Mr. Bixby in his Petition constitute good cause to extend the date for filing reply comments, however, because of the 30 day extension previously granted, we do not believe that another full 30 day postponement is warranted.

5. Accordingly, IT IS ORDERED, pursuant to Sections 0.131, 0.331, and 1.46 of the Commission Rules and Regulations that the time for filing reply comments in the above-captioned matter be EXTENDED from August 18, 1975, to September 1, 1975.


Charles A. Higginbotham
Chief, Safety and Special
Radio Services Bureau



MINUTES FROM MEETING HELD 8-18-75

Minutes read and approved.

Gary McCormick reported that there were 474 registered for the ham holiday. Prizes numbered approximately 125. All attendees had a good time. CORA is changing their officer term to run September through August. All amateurs are invited to attend and participate in CORA which meets at Red Cross. WA5TRS Joe discussed the upcoming amateur school. An instructors guide is being put together and instructors are being assembled currently. AMECO radio theory manual to be used. Tapes will be available to students. Classes will begin at 7:30 each Thursday. September 4, 1975 is first class meeting.

WB5NYR Bob May reported on mid states repeater. We will be sending out invitations and hosting the meeting at OMA.

The 450 repeater is ready to go on the air when an antenna and duplexer is purchased.

A tripler and converter kit with instructions is being developed by K5CE and WA5ETV. The 6 meter repeater is being developed.

WB5JBL discussed accomplishments of OCAPA over the past year; meeting place, CORA participation, newsletter, club cooperation.

Closed membership of 156 members is allowing the club to plan ahead on a budget. Nominating committee recommended that the present officers be returned to office.

WB5JBL	Frank McCollum	President
WB5CWB	Larry Dillard	Vice-President
WB5EOL	Jim Denman	Sec.-Treas.

Present officers were elected by acclamation. Participation is the key for success of the club. All members will be asked to do their fair share. Each frequency will have its own technical committee. Bob Williams K5PJU heads up the 2 meter technical committee.

Jim Kennedy suggested a net on 22-82 to disseminate information. WA5ETV asked to be excused to go to the sand box. A net will be checked into and reported on at a later meeting.

Interlinking of repeaters is now a possibility and should be pursued at the Mid-States repeater meeting. Saturday evening at 10:30 will be tried for a 2 meter net, WA5CZN will be net control and WB5ISO is the alternate. Six meter net gaining popularity due to SMIRK.



Technical Committee For 22/82

BOB WILLIAMS, K5PJU, has been appointed Chairman of the technical committee for the 22/82 and 81/21 machines. Jim Denman is the other member and Tony Merritt, elevator operator. It has been requested by the officers and the technical committee, that any questions regarding the status of the equipment be directed to BOB WILLIAMS, K5PJU, chairman of this committee, ONLY... We have had continual reports from various people that are very conflicting, by directing evrthing to Bob, there will be no doubt as to the authenticity of the information you will receive. Jim Denman, in his dual roll as our secretary-treasure as well as on the technical committee will be glad to help you in Bob's absence. Very often Bob and Jim are assisted by MARTIN VOSS and JOHN WORTHAN. All of us genuinely appreciate these guys for keeping our equipment going. Remeber, if you have questions, the only factual information you will receive is from BOB.

WB5CWB

Election of officers was held at the last club meeting. Typical attendance by members of this club was noted. Frank, WB5JBL-- Jim, WB5EOL and myself was re-elected for another term. Don Moore, WA5FFK volunteered to act as Editor of this portion of the paper for the first 3 months of this year. The VOLUNTEERS for the balance of the year were; K5AHU----WB5CWB----W5NZS---- as well as W5HAZ. I personally thank these GOOD GUYS for the way they came to the fore to help with the paper.

WB5CWB

2 METER NET VOTED

Jim Kennedy suggested that we have a 2 meter net on FM. Jims call is W5UDY, altho he declined anoffer to act as net control, action was taken and it was decided that we would have a net every sat. nite at 10:30. Again volunteers were asked for to conduct the net. By unanimous vote, Doc WA5CZN volunteered to handle the net with Wendell, WB5ISO to act as backup or his assistant. Really outstanding the help we are getting by volunteers.

WB5CWB

SIX METERS,????? ABOUT TO LOSE IT !!!!!

Prose Walker made a statement to the Texas VHF Society, that we may lose 6 to channel 1 TV. This information was made available from HR report. An effort was made by this writer several months ago to get a 6 meter SSB net started again in Okla. City. Evidently no one was interested, and now we do stand a chance of losing the band. WILL THIS information get you riled enough to start using your 6 meter SSB equipment??? If not, let me know if you want to get rid of the equipment, there is several guys around looking for good used gear to get on with. Threats like this from Prose have a very definant meaning to all of us. But you have to look a little farther than the end of you nose to find it.

WB5CWB



I have heard several hams comment that a clique runs the autopatch club, but I didn't believe it until recently it has been brought forcefully to my attention during club meetings and eyeball QSO's that unfortunately the rumors were true. I have found out that approximately 15 guys run the club business. This is not right! I think it is time that we bring the clique that runs our club to an end! If you think so too then get off your rear and come to the club meeting. For clarification of who the "clique" is -----The clique is simply the guys that take the trouble and have interest enough to come to club meetings once a month--3rd Monday at 8:00 p.m. JOIN THE CLIQUE---COME TO CLUB MEETING.

Perry
K5URJ

* * *

FROM THE PRESIDENTS CORNER:

Well September is almost here and by the time you read this it will be upon us. This means that a new year, as far as club business is concerned, has started. As most of you know the entire slate of officers that you had last year has been foisted off on you once more- in your absence. Approximately 15 members out of a total of 156 conducted the clubs business last meeting. Ham Holiday was an unqualified success and I am proud that the Autopatch Assn. had a part in it this time. A well done to all concerned. Two of our members are leaving the area and we hate to see them go. Bill Morris, WA5RSC is being transferred to Lubbock Texas and Mark Adams, WA5REC is moving to Tulsa and taking a new job there so there are two vacancies for members.

Several members are already on the air on 6 meters FM and will be ready when the 6 meter repeater goes on the air this fall. The 450 repeater should be on the air in December. Bob, K5PJU, the chairman of the 2 meter technical crew, tells me the amp for 22-82 is out again so its 10 watts for a while.

Frank, WB5JBL

Radio Classes

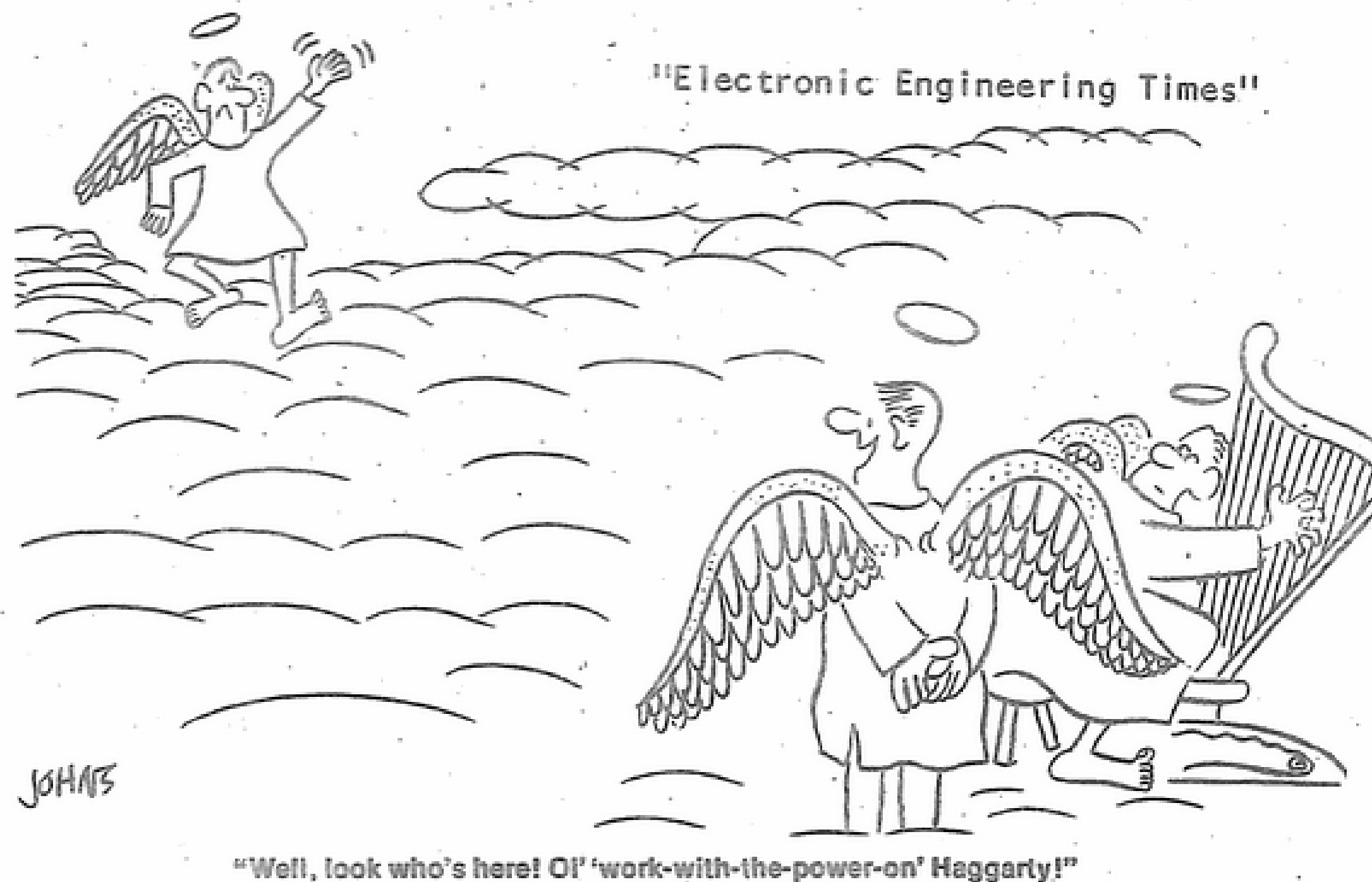
Joe, WA5TRS, reports that preparations for Ham Radio Code and Theory Classes, scheduled to start September 4, are coming along nicely. There has been an abundance of highly qualified instructors who have volunteered to help, full or part time. Final assignments will be made after the class sizes are known.

In the past, whenever a class was about to conclude, a number of interested participants have come forth and asked when the next class is going to start. The instructors are usually burnt out by that time and don't want to start another one. With this in mind, Joe has been preparing detailed Instructor's Guides and a checklist of things to do so a fresh set of volunteers should be able to pick up the material and run with it.

OKC Autopatch is procuring a stock of blank tape cassettes that will have code practice material recorded before the first meeting night. They will be available for students who have no material with which to start and will be sold for the cost of the tape. Jim Stanberry and Frank McCollom are handling the code practice arrangements.

(cont.)

Don Moore, Club Public Relations man, is notifying the newspapers in Oklahoma City, Norman and Edmond. Notices have been posted in several of the radio stores around town. Interested persons should come to the Oklahoma Military Academy, 3535 Military Circle (South of SE 36th & Grand Boulevard) on Thursday nights at 7:30pm. Class will be conducted until 9pm, with occasional over-runs until 9:30pm. The last class will be on December 18, 1975.



CIRCUIT SPECIALISTS CATALOG

They call themselves Semiconductor Supermart. Right. But not just semi-conductors, for they list items you seldom see in those common catalogs devoted to "Jap Crap" audio, CB, and piddlers junk. Where else would you find a complete listing of Johnson variable capacitors? Miller coils? Many types of cabinets, some large enough for a kW amplifier? Etc., etc.

Semiconductors, of course, get the main listing. Not only a listing but copious data on characteristics and applications.

In short, it's a catalog meriting a spot on the shelf in every Op's shack. In case you've missed their advertisements, try a letter to P. O. Box 3047, Scottsdale, AZ 85257, and get on their mailing list.

PS FORM 3578 JUNE 1975

**To make sure you get your magazine or newspaper
at your new address promptly, notify the publisher
as soon as you know your new address.**

If available, paste old label over name and old address sections and complete new address section.

ROLLING RADIO BACK 46 YEARS

IN 1929 AMATEUR RADIO WAS UNDERGOING A TRYING PERIOD. THE FEDERAL RADIO COMMISSION HAD JUST ORDAINED THAT AMATEUR TRANSMITTERS COULDN'T WOBBLE ALL OVER A BAND; THEY HAD TO HAVE A CERTAIN DEGREE OF FREQUENCY STABILITY. THIS COULD BE HAD BY CRYSTAL CONTROL, BUT CRYSTALS WERE NOT ONLY HARD TO OBTAIN, THEY WERE DISTRESSINGLY EXPENSIVE. THEN, TOO, THEY NECESSITATED MULTI-STAGE TRANSMITTERS, SOMETHING THE AVERAGE AMATEUR VIEWED AS FRIGHTENINGLY COMPLEX; THE NECESSITY OF NEUTRALIZATION JUST PLAIN SCARED THE SOX OFF MOST RADIO OPERATORS (PROFESSIONAL AS WELL AS AMATEUR).

THE ARRL TECHNICAL STAFF TACKLED THE PROBLEM OF DESIGNING A TRANSMITTER THAT WOULD COMPLY WITH FRC REQUIREMENTS YET BE WITHIN THE CONSTRUCTIONAL CAPABILITIES AND THE FINANCIAL CAPABILITIES OF NEARLY ALL ITS MEMBERS. THEIR LABORS RESULTED IN THE "1929 TRANSMITTER," A STATE-OF-ART JOB. IT WAS STABLE, IT WAS SIMPLE TO BUILD....AND IT WORKED BEAUTIFULLY!

ITS BASIS WAS A HARTLEY OSCILLATOR, ONE BUILT WITH SHORT LEADS, ONE MECHANICALLY SOLID, ONE WITH HIGH CAPACITANCE AND LOW INDUCTANCE IN ITS RF TANK CIRCUIT. FOR 80, 40 AND 20 METER WORK, THE VARIABLE CAPACITOR WAS ONE NANOFARAD (1000 PICOFARADS), AND THE INDUCTORS, WHICH HAD TO BE CHANGED FOR EACH BAND, WERE WOUND OF COPPER TUBING. AS A RULE THE TUBE USED WAS THE POPULAR UX-210, ALTHOUGH MANY USED THE LOWER-COST UX-201A OR THE SLIGHTLY MORE POWERFUL UX-112A. ALTHOUGH RCA RATED ITS UX-210 AT 7.5 WATTS PLATE DISSIPATION, THERE WERE "BOOTLEG" 210S AVAILABLE THAT WOULD TAKE MUCH MORE POWER INPUT.

WHAT DOES THIS LENGTHY INTRODUCTION LEAD TO? IT LEADS TO AN ACCOUNT OF A GENUINE 1929 HARTLEY OSCILLATOR TRANSMITTER BEING BROUGHT OUT OF "RETIREMENT" AND PLACED IN OPERATION ON THE 80-METER BAND IN THE YEAR OF 1975! YOU MIGHT THINK A TRANSMITTER 46 YEARS OLD WOULD NOT COMPLY WITH CURRENT FCC REGULATIONS.... NOT TO MENTION WHAT MOST AMATEURS CONSIDER AN ACCEPTABLE RADIO-TELEGRAPH SIGNAL. WRONG!

FOR A TRANSMITTER 46 YEARS OLD AND WITH FIVE WATTS OUTPUT, I DON'T THINK IT DID TOO BADLY!

W5JJ

THE ZANY NEWS FREQUENCY

If you ever look at page two you will see some changes this issue. OKCAP has a new editor, Don Moore, WA5FFK. Larry, WB5CWB had to bow out due to the press of business. I might add that he did a good job while he could. TNX. Another change is that Jim, K5TZS asked to be relieved of his position as Managing Editor since he didn't know what he was getting into that night he said yes. He gave it a big try but it was too new so he just wants to do the work as assigned. I know he will still be a valuable member of a wonderful team that labors mightily every month to bring you the only joint effort amateur radio club(S) publication. At the last CORA meeting they elected me to the job, not position, since I had become quite involved in the actual production of the C&E. How good a job I do depends on YOU. 1. Tell me if I am doing right or wrong. 2. Do your part by contributing to your club editor. 3. We don't mind lifting an interesting article from any source, if you see something in a publication not normally read by the average amateur and it concerns the fraternity, why just get it to us and spread the knowledge.

* * *

The coverage of items and events has been a little disjointed and sometimes spottily covered because of the way the paper is made up. Let's talk about that. Each Club Editor has been on his own to come up with "camera ready" copy, 3 pages per club or more if they are needed, and then with a little cutting and pasting it is all put together one night with no overall editing. This was done to preserve the autonomy of the individual clubs and if you dear reader are interested in your club only you could turn to that section and be fulfilled but if you do you are missing a lot of the things that concern all of us, so read it all and if the same news appears in one or more places, maybe it was that important and if none of the editors touched on the matter that's where I will come in and see that everything gets adequate coverage.

* * *

LICENSE CLASSES start Thursday night, September 4 and will continue every Thursday night until December 18. Then when the FCC comes to town in January the students will be able to upgrade their license and the Novice will probably already have passed their test and be waiting for that new ticket. Tell everybody you come in contact with about the free classes--even if he has had a ticket for years because I have talked to several Generals and Technicians who are looking at the proposed license changes and have said they are going to attend, hit the books and get that speed up. Joe Buswell, WA5TRS has a good course set up. Get With It.

* * *

Look at the calendar on the back page and see what you are missing and also if you want entries on it just call me. For instance, did you know that you, yes each individual who belongs to any of the four co-operating clubs, are a member of CORA? Well check the date of the next meeting and be at the Red Cross Friday night Sep. 12th and get in on what is happening. You don't have to take a committee job, do manual labor or have to contribute money, just have fun.

* * *

I hope to have an interesting page of ZNF each month. What do you want to hear? Wish I could draw so we could have some cartoons, our reproduction process makes them easy. 73 Joe, WA5ZNF

SEPTEMBER							HAM HAPPENINGS						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY							
	LABOR DAY HOLIDAY	2	3	HAM SCHOOL STARTS	ACARC MEETING 8: PM	6 COFFEE DO-NUTS AT W5LOW							
7	8	MORI 9 MEETING 8:00 PM	10	LICENSE CLASS	12	13 C & D RFD CROBS							
14 WHEATSTRAW CLUB MEETING	AUTOPATCH MEETING 8:00 PM	16	17	CODE THEORY	VHF 19 CLUB MEETING 8:00 PM	20							
21	22	23	24	OKLAHOMA MILITARY ACADEMY NE 36TH & GRAND	26	27 C & D VHF CLUB							
28 HAPPY BIRTHDAY WASTRS	29 EDIT COLLECTOR & EMITTER	30		BACH THURSDAY 7:30 PM									

SEE PAGE 2 FOR CLUB MEETING PLACES AND DETAILS

TEXOMA HAMARAMA OCT 24/26

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

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