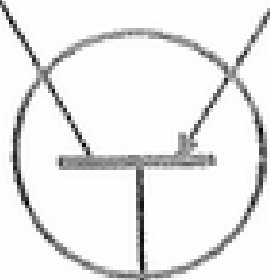



CENTRAL OKLAHOMA RADIO AMATEURS
COLLECTOR AND EMITTER



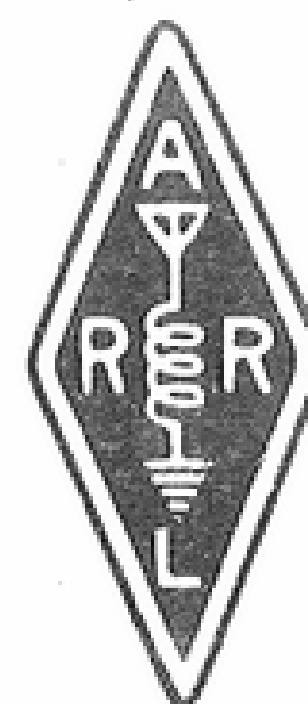
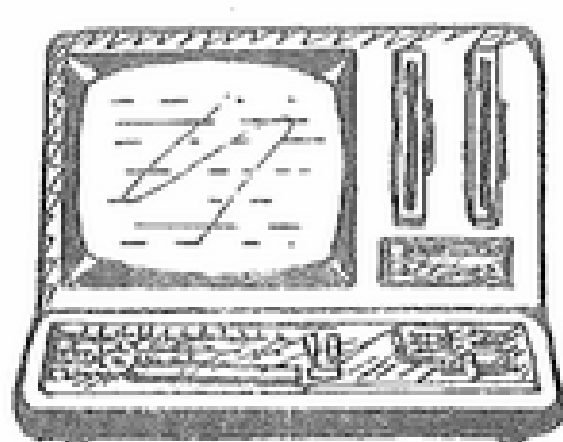
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NEW CORA ROSTER

Volume 8

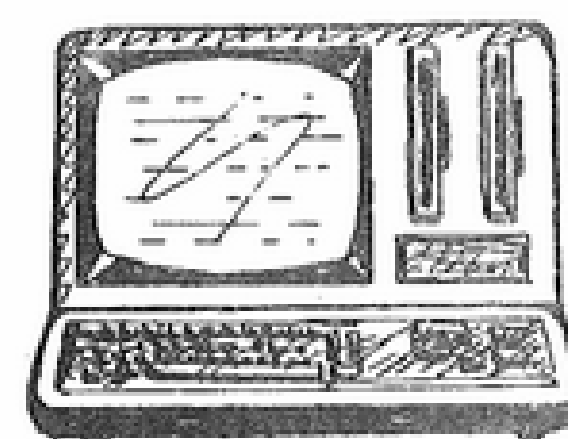
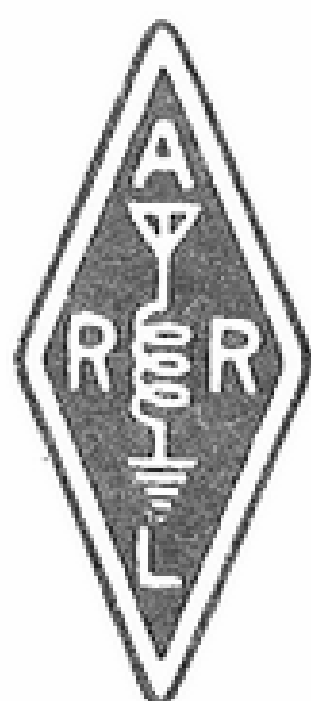
JULY 1982

Number 90



**HAM HOLIDAY '82
 ARRL STATE CONV.
 COMPUTERFEST**

**July 23, 24, 25
 Myriad Conv. Center**



LAST CHANCE

**Don't Delay!
 Re-register Today!
 Ham Holiday '82**

NEXT MEETING: July 20, 1982 7:30 p.m.
Oklahoma City Fire Department
Training Center, Portland Ave. between Reno &
NW 10th Street.

PROGRAM: 2 Meter Antenna Contest
Prize given for: 1. the most original antenna
with lowest SWR
2. the most outrageous antenna
(it must "work").

Put your creativity to work - and see what you
can come up with! Sorry Buddy, no lawn chairs
this year. Everyone is welcome to attend the
July meeting - whether you are a member or not.
We'll do our best to make you welcome.

The June meeting was held on Tuesday, June 15.
A few members forgot that the 15th was the
third Tuesday. Surprise!

Our president Henry, N5IH was out of town on
business so vice-president George, AD1S accep-
ted the challenge to conduct the fastest busi-
ness meeting in recent history. We were in
and out in 30 minutes flat!

The C.O.R.A. reps reported that dealers and
awards are progressing nicely for Ham Holiday
82. The pre-registration award has been pur-
chased and the Grand Award is reserved. Com-
mercial dealer inquiries are still arriving.
While we are "competing" with the ARRL national
convention this year, our Oklahoma dealers are
very supportive of Ham Holiday. We know that
Oklahoma hams will support their statewide
amateur radio stores.

Several excellent programs are on top for HH
82, including an AMSAT forum by Doug KO5I; FM

forum by Mac K2GKK/5; computer trouble-shooting
for the layman by Jerry Scott, owner of Sounds
Etc., Watonga; RFI to and from Cable TV Syst-
ems by David WAØRNP, plant maintenance manager
for Cox Cable Co; and others!

Spread the word to your friends; mail your pre-
registration today. Purchase additional pre-
registrations for friends, family and neighbors.

Ham Holiday is a perfect way to introduce
non-hams to the world of amateur radio.
De AD1S.

A.R.R.L. NOTE

You will soon receive ballots for election of
ARRL Section Communications Manager (see page
53 of the June QST). This is an important
era in the ARRL so be sure to vote for the
candidate of your choice.

OKLAHOMA ANTENNA DEFENSE FUND

An Oklahoma City amateur radio operator has
filed suit against the City of Oklahoma City
in U.S. Federal Court for the Western District
of Oklahoma. This amateur operator alleges
that the City has no legal right to RESTRICT
his freedom of operation through arbitrary
antenna height restrictions. As you may know,
Oklahoma City has a maximum 50 foot limitation
on all radio antennas/towers.

This case will have serious and important ram-
ifications for Oklahoma and the rest of the
United States since it will be heard in a Fed-
eral Court. If this Ham is successful, then ALL
hams will benefit. Contributions to pay the
heavy expenses and court costs have flowed in
from all over the United States.

If you would like to make some contribution,
please contact Chuck, N5SW or write to the
Oklahoma City Antenna Defense Fund, P.O. Box
32735, Oklahoma City, OK 73123.

The American Radio Relay League has filed a
"Friend of the Court" brief in Federal Court
in support of this case. We expect a hearing
on jurisdictional issues in the next several
months. Your help is still needed. Thanks.

Can you wear

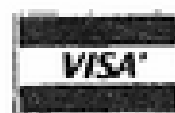
SOFT CONTACT LENSES ?

Find out if *you* can wear soft
contact lenses. Just drop by for a
free computer analysis using our
System 6600 Autorefractor.

If the signs are right, we'll place
soft contact lenses on your eyes
and make a further evaluation.
Bring your written prescription if
you wish. Patient normally gets
lenses **IMMEDIATELY!**

Dr. Robert Goodhead
Optometrist, Inc.
2821 N.W. 57th St.

840-1234



Ask Doc, WA5CZN, about his fantastic contacts!

Managing Editor: Joe Harding, WA5ZNF 737-1044

Circulation Mgr. Bob Graham, WB5NSV 677-8685

CENTRAL OKLAHOMA RADIO AMATEURS, INC.

MEETS: 7:30 pm Fourth Tuesday (Except Dec.) Red Cross, Oklahoma City.

PR ADIS George Adkins 722-6195
VP WD5JNT Ted Van Laningham 262-1675
Se W5CIJ Frank Yohe 324-0772
Tr K5GGL George Maschino 263-7614

1 AERONAUTICAL CENTER ARC

MEETS: 8:00 pm First Friday at Flight Standards Bldg., FAA Aeronautical Center

PR AA00 Robby Runyon 373-1818
VP N5ABL Holly Holcomb 799-2539
Se W5UHW Jim Seignious 751-6698
Tr K5RJR Larry Vorheis 789-9629
EDITOR: Bob Graham, WB5NSV 677-3685

2 OKLAHOMA CENTRAL VHF CLUB

MEETS: 8:00 pm Third Friday, Red Cross Bldg., 10th & Hudson, Okla City

PR W5VCJ "Steve" Stevens 341-8486
VP WD5IRB Ralph Bartow 521-8330
Se K5JB Joe Buswell 732-0676
Tr W5KE Ellard Foster 789-6702
EDITOR: Joe Buswell, K5JB 732-0676

3 MID-OKLAHOMA REPEATER, INC.

MEETS: 8:00 pm First Tuesday, Okla City EOC, 4600 N Eastern

PR KC5HD John Clement 943-2467
VP W5HPR Don McDown 732-6749
Se KA5ERZ Connie Boland 348-0123
Tr W5KOZ Sid Gerber 737-1050
EDITOR:

4 OKLAHOMA CITY AUTOPATCH ASSOCIATION

MEETS: 7:30 pm Third Tuesday, Okla City Fire Dept Training Center, N. Portland

PR N5IH Henry Israel 722-3848
VP ADIS George Adkins 722-6195
Se KA5BJS Judy Macdonald 672-4947
Tr K5GL Guy Liebmann 787-9545
EDITOR: Henry Israel, N5IH 722-3848

5 OKLAHOMA UNIVERSITY AMATEUR RADIO CLUB

MEETS: 7:00 pm Second Tuesday 119 Wilson Center, 1334 S Jenkins..

PR KA5CJI Peter Richeson 329-3217
VP KA5LZN Greg Smith 325-2418
S/T WA2YCA Mike North 325-5731

EDITOR: Greg Smith, KA5LZN 325-2418

6 ALTUS AREA AMATEUR RADIO ASSOCIATION

MEETS: 7:30 pm Second Thursday North Main Fire Station (CD)

PR WB5MJS Charles Smith 477-1098
VP
S/T WA5CBF Loren Simms 477-0921

EDITOR: Loren Simms, WA5CBF 477-0921

7 BICENTENNIAL ARC

MEETS: Second Tuesday, Air National Guard Will Rogers Airport.

PR KH6JTE John Galway 670-5472
VP N5BEQ Jim Buswell 236-0368
Se N5AUH Jerry Sproul 354-2061
Tr WA5RAQ Bill Rogers 632-4375
EDITOR: Bruce Goff, KC5CR 751-6276

9 WHEATSTRAW AMATEUR RADIO CLUB

MEETS: 2:30 pm Second Sunday. Location varies. See club section for location.

PR WA5GLD Dick Ruhl (Kingfisher) 375-4843
VP KA5FUU Tom Johnson (El Reno) 262-5631
S/T WA5PFK Ralph Wilder (Watonga) 623-5421

EDITOR: Ted Vanlaningham, WD5JNT (El Reno) 262-1675

12 SHAWNEE AMATEUR RADIO CLUB

MEETS: 8:00 pm Second & Fourth Tuesday Shawnee City Hall (EOC)

PR WB5ZCA Earl Couch 598-3212
VP WD5ETD Rick Wilson
S/T KA5FBC Jim Sullivan 273-3843

EDITOR:

13 KAY COUNTY AMATEUR RADIO CLUB

MEETS: 7:00 pm 3rd Thursday at EOC

PR WA5UBO Marsh Pronneke 363-2526
VP WB5NQT Pat Burnham 765-7229
S/T WB5YRN Delbert Foiles 762-4479

EDITOR: Marsh Pronneke, WA5UBO 363-2526

15 SOUTH CANADIAN AMATEUR RADIO SOCIETY

MEETS: 9:30 am Second Saturday, Red Cross Bldg., North Campus, Norman

PR KU5B Jack Bickham 329-1311
VP K5KDR Bill Oliver 329-6333
Se AF5X Jess McKinzie 329-1543
Tr WB5UUX Charles McCown 321-1061
EDITOR: Sam Barrett, WA5RPP 321-2601

16 EDMOND AMATEUR RADIO CLUB

MEETS: 7:45 pm First Thursday See club section for location.

PR WD5DYI Mark Northcutt 755-4672
VP WB5ISO Wendall Cochran 943-4308
S/T WB5UIY Stan Van Nort N/L

EDITOR: Stan Van Nort, WB5UIY N/L

17 TRI-CITY AMATEUR RADIO CLUB

MEETS: 7:00 pm First Tuesday. Location varies. See club section.

PR WB5UBB John Warriner 379-3149
VP WB5VLT J. B. Bills 379-3992
S/T WB5TYW Yvonne Warriner 379-3149

EDITOR: Yvonne Warriner, WB5TYW 379-6448

18 GREAT PLAINS AMATEUR RADIO CLUB

MEETS: 7:30 pm First Tuesday, Basement Woodward court house

PR N5CCV Gerald Bowman 994-5381
VP WB0PGD Ron Tice 994-2138
Se WB0QGW Carla Tice 994-2138
Tr N5EOY Gerry Ford 256-5342
EDITOR: Carla Tice, WB0QGW 994-2138

19 SOUTHEAST OKLA AMATEUR RADIO ASSN.

MEETS: 7:30 pm Second Monday. Location varies. Contact a club officer.

PR WB5TTU Ron Henson 326-5418
VP WB5ULI George Weldon 326-5672
S/T WD5FUE Orville Kaley 326-3650

EDITOR: Ron Henson, WB5TTU 326-3640



Club
NEWS

VHF CLUB
The Ham Radio Monthly

MINUTES OF MAY 1982 MEETING

Meeting was called to order by president Steve, W5VCJ, with 12 members and guests present. Minutes, as published in previous C&E, were accepted.

During discussion about Ham Holiday preparations, Fred, KA5CXW, showed signs he had acquired for the ARRL booth.

The program was led by Bennet Basore, W5ZTN, Oklahoma Section Emergency Coordinator (SEC), from Stillwater, and Leonard Hollar, WA5FSN, Section Communication Manager (SCM), from Kingfisher. During their discussion of League responsibilities and activities, they mentioned that the VHF club is one of 20 ARRL affiliated clubs in Oklahoma.

After Leonard's and Bennet's presentation, the meeting adjourned at 9:00 P.M. for refreshments.

For the Secretary, Bob Ashby, W5HXL

June 18, 1982

(minutes of VHF club meeting submitted by n5beq substituting for the Secretary, Joe, K5JB:)

Regular monthly meeting, on above date, was called to order by Steve, W5VCJ, President in the chair at 8:06 pm local time with 11 members and guests present of whom we heartily welcomed Gary, KA5BQS and The Mrss. Williams & Stephens.

There being no minutes available, their reading was skipped as was the treasurer's report.

The balance of the meeting consisted of the CORA report from Ellard, W5KE, with emphasis on the fact that this year parking will be on a first-come, first-served basis on the streets and lots surrounding The Myriad for Ham Holiday next month. However, since our club has the responsibility for "personing" the ARRL booth this year, it was decided that we MUST know by next meeting, 16 July, who will be available and for how much time each and when, etc., our trusty volunteers will speak up! Won't you?

The Program was Part II of The April Program from Paul, WASHTL, entitled "What Did You Do In Europe, Paul?" not to be confused with the movie of a similar title. Paul presented several salient facts, like: rain in Finland (at about 60° North latitude) was less than an Oklahoma drizzle at its heaviest and their WX NETS were intended primarily to watch out for lightning strikes in the mountains! (the residents didn't realize what severe WX was till they heard the tape of our tornado tracking to L. Overholser last Spring that Paul took to them for that purpose); the Deutschmark has fluctuated from 40¢ in '76 to 58¢ in '79 and back down to 42¢ (American) this year; pay phones on trains (?) were 40¢ (1 Dmk.) minimum; FINNS have the full-sized cars but pay \$2.50/gal. for their gas; Paul's linguality is dual if it's "Deutsch in excess of 3.2%:" uh, what was in your right hip pocket?; A.C. there is standardized at 220 Volts and 50 Hz.; and, by the way, no credit cards on the train phones, please!

Following Steve's 6 M DX report and Ellard's 10 M propagation and HamCom reports, Jim, K5VRL was reluctant to report the hospitalization of Ginny, K5BX2, (YF of Charlie, K5RRQ) and of Jack WSCPI and Steve noted the passing of Clyde, WA5VIL, all of which we report with regrets and sympathies.

A final reminder of the Silver Anniversary Celebration of the Club this year to be marked with a banquet the evening of July 23 at the Quality Inn East closed the meeting at 8:50 pm to retire downstairs to the radio shack for a donut and coffee.

jim, n5beq

(thanks to Bob and Jim - Joe, K5JB, Sec'y)

JULY

THE ABSENTEE SECRETARY

As one can readily see, K5JB has been doing pretty poor as a secretary the last couple of months. Anyone who cannot attend club functions with more regularity should be considered for replacement. Wait until the watermelon feed in August. He never missed that one before. Lay into him then.

It seems that my job suddenly took on traveling salesman characteristics. The last couple of months have been living out of a suitcase. It hasn't been all bad though. I got to see Hoss, WA5ZAI, who has taken a job in Washington D.C. The week I was there (That particular visit) he had just arrived and had not been able to get all his things unpacked. He was still not on the air after being there three days so I really juiced him up about his laziness. That same week I ran into Robby, AA00, at the L'Enfant Plaza Metro station. He gave me his hotel room and phone number but I couldn't find him that evening. I am sure he had not had time to get to the hotel before I called but I was starting early, having met Hoss at the Pentagon when he got off work. Serves him right. You know he did not even have a 2-Meter rig with him?

Last week was a good one because I finally got home for an indeterminate time. Two days were spent in Atlantic City NJ and I walked away from the slot machines with more coins than I started with.

I'm afraid that I'm not too prepared to write a column this month because I came home with nothing on my mind except how I was to mow the yard, pay the bills, etc., and realized it was time for the C&E again. About the only thing I have discussed with anyone recently is the small hobby computer business. It seems that my boss thinks so much of me that he got me a little perk called an Apple computer to do my thing on.

But, my experience with these things is nearly zero. Previous experience, when I was practicing more engineering than I am now, was with the bigger machines. The last language I used was PL/I, which I thought was a relatively obscure one until I started reading up on the computer biz. On the other end of the scale, I was pretty well comfortable with the object code programming with the 6502 instruction set when those things first came out. All I have had time to do is read some of the books that came with the thing and a couple of extra books I purchased on my travels. Now my ears are perking up a little more when I hear the amateurs who are into computers talk about their thing.

There are a lot of application programs available and it is not really necessary for one to know how to program one of the things to get a lot of use out of it. I picked up the book prepared by the 73 magazine staff and found a lot of interesting communications application information. One of these days I'll dig out some of my old programs for Wang computer (assembly language plus object coding) and the Hewlett Packard programmable calculators (register arithmetic), and try them out in Basic. One thing that has my curiosity is the Babble of Basic, Applesoft, Microsoft, Interger Basic FP Basic, Extended Basic, etc; and then there's CP/M, which most of the boys in my shop use.

I don't think I will ever have time at the office to really exploit one of these things so I am already beginning to rationalize getting one to bring home. One thing about it, it will be fun looking at the equipment and talking to the computer nuts who will be at Ham Holiday this year. Joe, K5JB

DON'T FORGET TO SEND A COMPLETED FORM FOR THE VHF CLUB CELEBRATION TO STEVE, W5VCJ. SEE ELSEWHERE THIS ISSUE FOR ANOTHER COPY OF THE FORM. DETAILS PUBLISHED LAST MONTH. Joe, K5JB.

COLLECTOR AND EMITTER



ATTENTION TO THE LADIES.....

Normally speaking I usually write my articles for everyone, but this time I am going to focus on all of the ladies who will be attending "Ham Holiday" and speaking for myself, I think we play a important role in the lives of our "amateur" husbands, boyfriends, etc., so I am going to direct my comments to us (women) this time.

To begin with, I was supposed to have written something last month, but it just by-passed me, but I think most everyone will receive this before Ham Holiday, which leads me right into the subject. This year MORI has been assigned to the duties of Women's programs and prizes. I have been discussing this with Gordon Johnston (WD5BXN) and he transferred the funds to purchase our prizes. He (Gordon) has already arranged for the programs which now we are just a little over half way there. His selections are really great, also some of these suggestions came from you. If you have any more about what to buy or win, please call me (Susie) at 842-0077 or Gordon, 722-8384 and you can with the action. There will be a hospitality room open for relaxation, socializing, remincing, etc. There have been some women already helping and I sure do appreciate their assistance.

To give you a little insight, here is some of the programs scheduled or better yet, Gordon has written something for me to publish so I'll just use it. Hope to see you all soon and remember to call for your comments etc.

Here is Gordon's article...
(re-typed on Script)

WOMEN'S ACTIVITIES SCHEDULE FOR HAM HOLIDAY 1982

Friday evening - July 23

No activities, but the hospitality room will be open and available for a short while

Saturday, July 24

7:00 AM Ladies Hospitality Room will be open for coffee, soft drinks, cookies, cakes, fellowship, etc.

9:00 AM Jazzercise demonstration
Kathy McAbee

10:30 AM Microwave Cooking
Shingleton Appliance

12:00 PM LUNCH

1:30 PM Bingo - Win a Nice Gift....

3:30 PM Make up demonstration "Aloe Vera"
Bob & Mary Wanless

Sunday, July 25

10:00 AM Bingo (Win some more nice gifts)
NSBEQ - Jim Buswell - caller

3:00 PM Closing of the Hospitality Room
(Clean up for another year)

The Ladies Hospitality Room will be open for the ladies enjoyment and relaxation at all times, beginning Saturday morning at 7:00 AM until 4:00 PM and on Sunday the hours will be 7:00 AM until 3:00 PM. Soft drinks and other refreshments will be available and provided by the women of MORI. Come and see us...

Sincerely,

Gordon Johnston WD5BXN

Susie Atkinson KA5FED

COLLECTOR AND EMITTER



On Sunday morning, June 13 we grouped up and about 9:00 the Wheatstraw Radio Club left El Reno on another caravan. This time we were going to Chickasaw National Park formally known as Platt National Park, which is still located at the town of Sulphur. After an uneventful drive down we made contact with Ralph WA5PFK. He and Goldie had come down the day before to visit their daughter Carol WD5ZKW and her husband Frank and the 3 grandchildren. They had already went out to the park in order to save a choice picnic area for us. After trying to talk us in, he finally came and met us and we followed him to the most isolated, concealed, hard to find, hidden picnic table in the park. After twisting and turning and fording a creek we had to carry all the goodies over a bridge to the island that Ralph had found for us, but after we got there we were not bothered by a lot of people we did not bring with us. Thanks Ralph for finding the excellent spot. After overeating, overrelaxing and a few quiet QSOs both by radio and eyeball we gathered up a very worn out group and headed back towards home.

On the way, we had one of our fast becoming famous mobile club business meetings. Ralph read the minutes from the last meeting. There was no old business so we moved on to the new business at hand. The weather had damaged our antenna system so a work detail was assigned to repair it, which has been quickly taken care of at this writing. Field Day will be as the last few years. Saturday evening we will have another covered dish dinner at the site. Our July meeting will be hosted by the Calumet group. Netcontrol for the month will be Ralph WA5PFK so tune in at 9:00 Wednesdays for the Wheatstraw Radio Club net. Everyone is invited

doubleyoudeefivejaynnntee

A few months ago I asked several trivial questions in C&B, including one about Sir Hiram Percy Maxim. I asked what famous invention of his bore his name; and the answer is, of course, the Maxim machine gun. Then, last night, I also found out that Sir Hiram invented the toggle breech mechanism in another gun design. This pistol, designed by American Hugo Borchardt, and later perfected by George Luger, became known as the Luger pistol of German war fame. KD5DL

KENWOOD TR 2400 SYNTHESIZED TALKIE w/wall charger, rubber duck antenna, manual, speaker/mic, leather case, extra battery pack, copy of service manual, boxes, and base stand/quick charger. Priced as outfit, only \$300 cash. Guaranteed higher price at Ham Holiday, so get it NOW! Call Mark or Kay, WD5DYI/WD5DYJ at 405-755-4672 between 6 and 10 p.m.

FOR SALE- ICOM IC-720A with mike, CW filter and power supply. I will be selling shortly after Vicki and I return from our Pacific DX-expedition. Call me after August 18 or write AD1G, P.O. Box 32735, Oklahoma City, OK 73123.

Now take this tower....PLEASE take this tower....Approximately 63 (sixty-three) feet of Rohn 25 with hinged base plate, rotator mount, fold-over section, winch and cable, DELIVERED in central Okla. for only \$300.00. Delivery outside central Okla. negotiable. Call Don, K5SJV, (405) 721-2119. Or write to: Don, K5SJV, 7014 N.W. 61, Bethany, OK 73008

Salem

DOWN TO DALLAS--HAMCOM STYLE

I don't think that I appreciate the trip to Dallas in early June as much for the hamfest at the North Park Inn as much as I appreciate the opportunity to trek over to Southern Kitchen restaurant with a large group of friends, ogle the barmaids and stuff large quantities of boiled shrimp down my throat. But the hamfest, Dallas HamCom, offers some attraction at least in the fleamarket and commercial exhibits department. And this year, although I didn't spend much money in the fleamarket, I at least got change for my ticket purchase when I won a prize. It was a small prize, mind you, but worth about \$30.00 or so. I guess if you count the air transportation down to Dallas and the meal that evening, I didn't make a profit, but I could get lucky at Ham Holiday. After all, this could be an omen.

After Dayton, the trip to Dallas HamCom is considerably less exciting, but this hamfest in the heart of "Big D" continues to grow. Actually, the hamfest is really just a glorified sidewalk sale (a regular first saturday of the month event in "Big D") with some programs and commercial exhibits thrown in for good measure. I couldn't get Joe K5JB excited about the trip because he was getting ready to do some heavy travelling in his own right and I could understand his reluctance to tire himself out the weekend before he left. Nevertheless, I did enlist Joe WA5FLT, who is already ready to go anywhere, with or without notice, Jim WD5HPU, a newcomer to Dallas and the airplane, and Tim WA5LTM, who had been in on a couple of previous efforts to go to the sidewalk sale that had been scrubbed by bad weather. Tim would finally get his chance.

This was no lightweight crew for the airplane. In fact, I had to leave about 18 gallons of fuel on the ground. This was more of a safety factor than any tribute to weight of the crew. Even though we would have pushing gross weight in the 172 XP considerably with these boys, especially if I decided to take along my 20 lb flight bag, we didn't have any trouble getting up in the air and climbing. I was glad however, that I made sure that the plane had plenty of air in the tires. That kind of weight changes the horizon when everybody gets in.

We had planned to meet at the airport and if the weather was inadequate, then the plan was to motor down in the car. First call was to be at 6:00 a.m., but as the warm front began to dissipate friday nite, I called everybody and told them that we would chose a more natural departure time of 6:30 a.m. That time of day usually comes only once for me, but our serious intentions about Dallas made me move the alarm up a couple of hours. I stopped by the Doughnut Stop on the way to the airport for a dozen or so, just to tide us over until breakfast. I figured any weight we put on during the flight wouldn't change the gross weight, just the weight and balance.

The skies were very hazy, especially after the warm front, but the air was very smooth and we didn't have a single bump until the plane set down at Dallas Love. I had already made a request to the communications crew in the back to call Jim WB5YWO who had offered us ground transportation when he motored through Norman the day before with the family. I was going to have breakfast with him on friday, but a change in the signals messed that up (you would think that people with radios would have that happen to them, but it does) and we settled for a visit at my office which is just off the interstate. After a hour and a half and a short 15 minute car ride, we unloaded at the site.

The weather cooperated quite well, but it was still just a little hot. We spend quite a bit of time in the air conditioned part of the flea market and then even ventured into the commercial exhibits. I also worked on my tan outside in the parking lot checking out all the goodies. Before separating, we divied up the radios for communications purposes. We were using frequencies on both UHF and VHF. Tim did not have a walkie talkie, so I gave him one of mine for the day. Actually, he did not need it all day. Before the noonday had arrived, he was the proud owner of an IC2AT with accessories. Now the radio was one thing. The accessories were another. Tim asked me what he needed to go with the radio. Well, I couldn't let him run around misinformed, so I took some time to carefully shop and recommend. See Tim, you don't need just the radio, you also need a rapid charge battery, something like the BP2. And what is the use of buying a rapid charge battery if you don't buy a rapid charger. Makes sense? Now for mobile operation over the long term, you have to have a DC-1 battery eliminator and of course, the charging cord that goes with it. I could just hear those cash registers ringing. And I mus' say that Tim was a willing victim. We talked about the various amplifiers that were available for the walkie talkie and I made a recommendation. Tim said that he would think about it. Later that afternoon I saw him carrying the 25 watt amplifier under his arm. I asked him what happened and he said that it was easier to buy the amplifier than to worry about whether to get it. My philosophy exactly. The best way to get rid of a temptation is to yield to it. Of course, I failed to realize at the time that I would get drafted the next weekend at the price of some doughnuts and coffee into assisting with the installation. A small price to pay for mobile communications.

Incredibly enough, I only made one purchase the entire time of an electrical nature. This was a small earphone for Tim to use with the walkie talkie. After buying the walkie talkie, we set up in one of the entrance ways near a wall outlet and proceeded to charge the dickens out of the BP2. The hotel management took pity on us and set up a couple of tables and chairs for us. Since this was very close to the beer & coca cola concession, the time was well spent. For once it was nice to be stationary and everybody else move past us. During this time discussion also centered on our dinner plans. There had been a suggestion that we try some place other than Southern Kitchen, but although nobody really objected, this heresy was squelched. There were a few problems, however. As we had pulled into the Northpark that morning, billows of steam from a fractured water hose spewed out from under the hood of Jim's car. A friendly contact with the brother of K5FVL produced an offer to get a hose for replacement. It was on toward the shank of the afternoon before the replacement arrived and time was short. Fortunately, I had brought a mechanic along in the plane and Jim WD5HPU set about working up a temporary fix by shortening the hose. Dan's brother and Dick Bash arrived at the repair party at the same time and Jim soon made short work of the repair to get this contingent underway for S. K.

I had gone on ahead with Howard W5UVI, Larry WB5DUC and their lovely wives to stake out a place just in case we were going to be short while waiting for Jim and Jim. When I arrived WA0FFZ Rick was already there and we added him to our party for the evening. Since Larry Marks WB5DUC had made the reservations, when we asked for the Marks party, I think that the people expected Groucho, Harpo and Gummo to show up. No such luck, but we probably were a noisy crew. As the stories started across the table, I found that the barmaid was from Texas A. & M. It was a good thing too, since she was able to verify some of the Aggie traditions I had mentioned at dinner. She was also a good sport for a

couple of Aggie jokes that went around the table. Nice lady and she had great legs.

No need to recount the dinner. It just wouldn't do any good to discuss that wonderful boiled shrimp and cinammon rolls and fried chicken and barbecue chicken. We divided up for the trip back to the airport. Rick was kind enough to offer to carry a couple of the crew. Which brings me to the first rule of going to hamfests. Never turn off your radio. I did and forgot to prompt Rick on where to make the turn back to Love. This necessitated them taking a tour around the airport until I turned on the radio and heard a plaintive plea for "where are you?" After a little manuevering around, Rick safely deposited the last half of the flight crowd on the ramp.

The flight back was uneventful although I did have the lineboys add six extra gallons of gas as a safety margin for the trip back. This, plus the seconds at Southern Kitchen made the horizon in the plane even more unstable. I always felt like we were in a climb. . . The haze was quite bad, but as it got dark, visibility got better. I had promised everyone that we would be back by about 10:00 p.m. and we beat that by a couple minutes. The total travel time was slightly under 3 hours.

Jim, Howard and Larry came through the next day. Jim stopped and visited for awhile, then pushed on to Stillwater. He still couldn't believe that I had won a prize at HamCom. I told him that I used the same technique that he had used to win the Dayton Hamvention grand prize several years ago and I had WA5LTM as a witness. I would like to have won the IC-740 instead, but a B & W Low Pass filter was ok and better than nothing. I wonder if they were trying to tell me something? If you want to know what Jim's secret, you'll just have to ask him. I can't reveal a trade secret.

HamCom was OK, but not overly exciting. But that's fine because I always enjoy the trip. The sidewalk sale is also a good trip. The hamfest season is swinging into the stretch with Ham Holiday coming up and Texhoma as the last on my regular schedule. I haven't checked to see which football game it will interfere with this year. Oh yeah, I need to thank George AD1S for telling me about the prize I won. Fortunately, he came through about 2 minutes after they pulled it out of the hopper which was about 5 minutes after I dropped it in. Maybe they will stir the tickets harder at Ham Holiday

Micheal Salem N5MS

FAMOUS W5WMY COLLECTION GOES ON THE BLOCK!

K5JB pointed out an item I missed in the C & E a couple of months ago and reminded me that Dave K5WMY, one of the proprietors of Great American Minatures in Midwest City was putting part of his collection on the block and was selling a large part of his factory excess materials one saturday. I ambled up to see what was shaking and wound up with about \$70.00 worth of merchandise and I don't know for what reason. They were selling transformers, capacitors, and other stuff by the barrel. Most of the stuff was excess parts inventory left over from contract electronic assembly. For the real enthusiasts, there was a hernia inducing spectrum analyzer and lots of excess hardware from the printed circuit side of the business. The crowd was not really hardcore and some of the parts went for a song. I didn't sing as much as some people did, but I did hit a couple of high notes.

One thing I did find out that should be of interest is that Dave sold the Printed Circuit side of the business to HJB Electronics Inc. and they will continue to run it at the same location. I spoke with George Harrison

COLLECTOR AND EMITTER

the president of HJB and he indicated that they will continue to manufacture boards locally and would welcome orders from production to prototype. I heard that they had a small problem with part of the equipment for awhile, but things should be rolling along and I delivered a couple positives to them for try. Should have the results soon and I will let you know. Although for prototype boards, I didn't ask for plated through holes, they are equipped for that. I will run a couple of tests and if some of the boards look OK, might have a couple of them for sale at Ham Holiday. One will be the touchtone decoder I mentioned last month using an AMI S3525A switched capacitor prefilter and Mostek 5103 digital decoder. If there is any interest in anybody owning some of these boards, give me a call, if not then I can find something else to do. Like I said, if suitably prompted, I can probably be persuaded to produce a couple of these for Ham Holiday. I will probably drag out the collection and put it on the block in the flea market. Nobody will violate my second rule of the flea market if they buy anything off my table and that is "Don't buy anything in the flea market you can't carry with one hand unless you have an immediate need for it as soon as you get home." My problem has been that I have purchased a lot of these one handers. Oh well, maybe Ham Holiday will provide some relief.

Micheal Salem N5MS

FORE SALE, FOUR SALE, FOR SAIL, FOR SALE

For those of you who would like to be early birds and get first crack at the famed N5MS collection, here are a few tidbits to tickle the junk box fanatic. All items are FOB Norman. Quantities are limited and subject to prior sail (oops, make that sale).

SWAN NIFTY 350. A tube SSB what is a transceiver. This goodie is circa 1967 and I am the original owner. What a machine. I can think of the DX I never worked with this 400 watt PEP rock crusher. The big ones I passed up confident that I could have worked them on the first pass after cutting through all the California Kilowatts. Sigh, now that's confidence. This radio got its biggest usage when I lent it to H. O. WA5MLT and he used the pants off of it. Now he owns a TR7 nonsense. Now that just shows what kind of future the future owner of this radio owns and all for a paltry \$250 including the 117XC power supply. Might even throw in a ceramic hand mike for that price but only to the first 10 callers. This rig would be a good first rig although not all that swift on CW. I intended to use it as a second rig at my parents house, but acquired a TS-130 and an IC-720 so it is even further down the totem pole. I have added a semibreakin circuit for CW, a 1 meg, 100 Khz, and 25 khz crystal calibrator, but if you are leary, then I will take it all out.

HT-220's ?? WE GOT SOME. I have a couple of spares from my collection. I don't need all of them now I have an IC-4AT. I will not sell my UHF HT-220 Universal. Never, never, never. But I do have the following:

UHF HT-220 Omni low power with PL. Board is in good shape and the radio works, of course. Good plastic. Looks good. I would like to have \$275.

UHF HT-220 omni low power and no PL. Board is also in good shape and radio works. Still tuned up on the Ham bands, but no crystals. Good plastic. Need \$250.00. No PL.

UHF HT-220 slimline with PL installed and switch. This radio is an absolute cherry = \$325.00 and worth it.

MT-500 Omni High Power with Digital PL 2 Freq. This is the big kahuna and is a BBU Universal with the antenna coming to the microphone attachment. Just like Coke, it's the real thing and absolute mint. Worth \$850.00. Asking only \$650.00.

Each of these radios with the exception of the MT-500 is single frequency, but susceptible to a frequency change. I might even be persuaded to made them two frequency, but there can be no promise on delivery. Time is a critical commodity.

What will I keep? Well, like I indicated I don't think that I will ever get rid of my HT-220 Universal. It is much too useful at hamfests. I also will keep a HT-100 but only because it is so cute. There will also never be a market for the famed N5MS Drink-A-Talkie since it was so much trouble to build. I just recently had to revamp it. Seems that the beverages that it holds were beginning to dissolve the epoxy glue used inside. Also I used epoxy to hold the screws in for the volume and squelch control. People kept twisting the knobs and they finally broke and began to leak slightly. I guess that goes to show that even a Motorola can't stay waterproof (er, make that Scotch60proof) all the time.

All of these radios are now available. Each has an antenna and a questionable battery. They don't get much exercise. Call 321-5453 or 360-1302 for details.

Micheal Salem N5MS

GE MASTER II EXCITER CAVEATS

Upon a recommendation a couple of years ago of our friend Dwight down in Altus, I bought a couple of exciters for the General Electric Master II and Executive series radios at Dayton. In the flea market, these were about \$50.00 or so and they make an excellent low power UHF link. One of the radios out of the three was sold to K5JB who felt that he did not purchase enough of them and the other two were put on the shelf for eventual use. That came the other day when the old Progress line UHF transmitter crapped out and I thought it was time to go all solid state on my UHF control link repeater. I had fortunately acquired the documentation for these devices and I pulled it out to see what it would take to get one of them tuned up. Fortunately I had purchased a crystal some time ago.

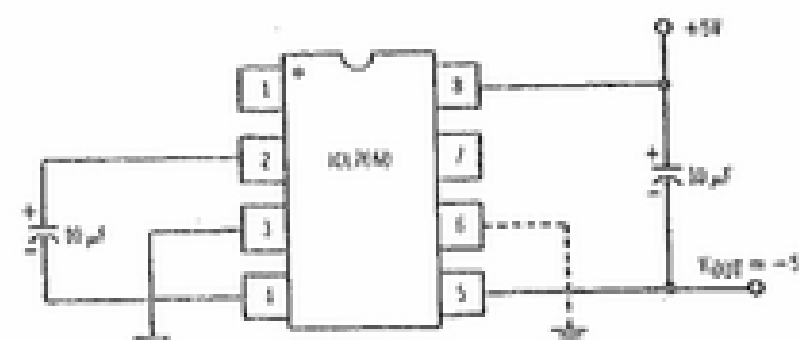
I think that I had mentioned these devices in the C & E a couple of times. GE makes a complete little UHF transmitter in these exciters. They put about about 250 milliwatts and are just perfect for driving the Motorola MHW 710 and 720 Monolithic Gain blocks to provide 10 or 20 watts of UHF power.

As I was looking through the literature that I had acquired, I noticed that one of the models of exciters was one tripler short to get to UHF if you multiplied 36 times like you are suppose. A quick check showed that neither of my transmitters were like this, but it is something to beware of when purchasing these in the flea market. It appears that GE has begun to move the last tripler in to the power amplifier deck on the later models of these radios. The numbers are different. The Master II exciter that you are looking for is a 19D423865G2 or G4. This is a 4 frequency exciter with UHF output. The Master Exec Exciter is also good and the number for it is a 19D423346G1 & G2. It also has the correct number of multiplier stages for UHF. Stay away from the 19D416859G5 & G8 versions or you will be one tripler short. These numbers are illustrative. I do not have a complete literature collection to give you all the various numbers. It is possible that GE may use a VHF exciter in their UHF transmitters because that cuts down on the parts count, then they add a tripler in the power amplifier to get up to UHF, but I don't know. Perhaps somebody out there with a complete set of books can let us know. As usual, caveat emplor in the flea market.

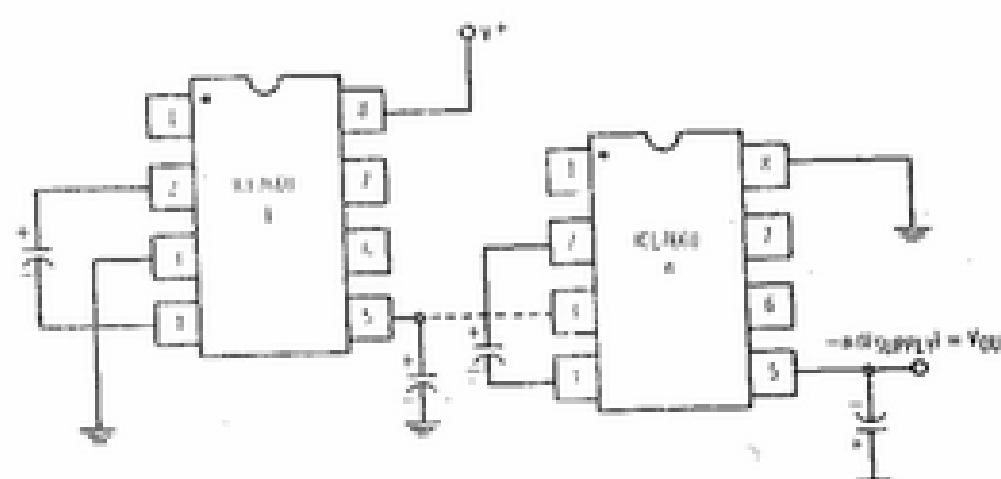
Micheal Salem N5MS

MINUS VOLTAGE SUPPLIES (DOUBLE OR NOTHING)

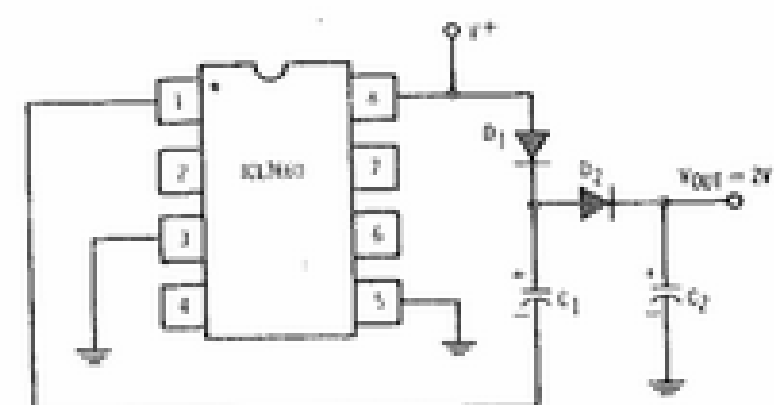
I had previously mentioned the Intersil ICL7660 in the May 1980 issue of C & E as a method of deriving negative voltage from a positive voltage source. The previous circuit only showed how to convert 5 volts to -5 volts, but there are other uses to the chip. Actually the chip will work with any voltage range from +1.5 to 8 Volts and will produce corresponding voltages of -1.5 to 8 volts. The circuit requires only two external capacitors and is shown as follows:



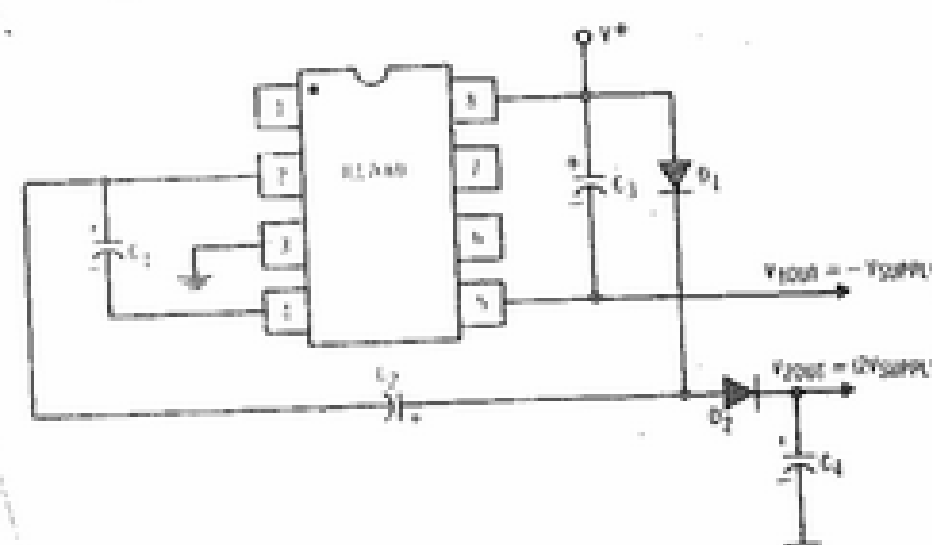
The converters can be cascaded to perform negative supply voltage multiplication, as shown below. The practical limit is 10 devices for light loads. Although I have not tried it, it occurs to me that less and less current would be supplied each time you multiplied. The conversion accuracy is about 98% ($R_1 = 5K$ ohms) and the I_{out} is greater than 40 mils ($R_1 = 55$ ohms). The more current you draw the lower the voltage on the output (a change in the conversion accuracy). For minus voltage doubling, the circuit is as follows:



Positive voltage doubling is also one of the magic tricks that can be performed by the 7660. This can be done over the V+ range from 5 V to 8 V. The actual output voltage will be slightly less than 2 V+ by an amount equal to the forward voltage drops across D_1 and D_2 :



Now here is a real trick. Negative voltage conversion and positive voltage multiplication can be performed simultaneously to produce one output with a negative supply voltage equal to the positive supply voltage and a second output equal to twice the positive supply voltage.



The chips are about \$2.25 each in minidip from Intersil. They are CMOS and are also available in TO-99.

Micheal Salem N5MS

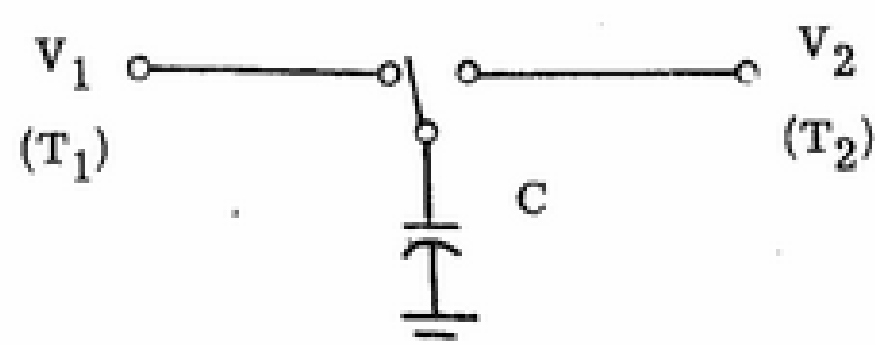
MONOLITHIC TOUCH TONE DECODERS --Part II (You've Got to Ring Dem Touchtones)

I briefly mentioned a couple of the new generation of touchtone decoders last month including the Silicon Systems Incorporated SSI201 CMOS DTMF decoder which only requires two bypass capacitors and a crystal to operate providing BCD or Row and column information. I also mentioned the new CMOS prefilter from AMI which is digitally operated using switched capacitor filter technology and can work in conjunction with the Mostek MK5102 or the other decoders that don't have a prefilter. Schematics for typical circuits were shown and as I have indicated, I have laid out a card for the AMI Mostek combination which I have not received yet.

Switched capacitor filters is the new quantum leap in filters and it is a tribute to american ingenuity (or whoever came up with it). Filter technology has come a long way. Our forefathers spent a lot of time with LC filters and RC circuits when they wanted bandpass, low pass or high pass filters. The obvious problem was bulk, but the way old time circuits were constructed on large breadboards, this was not really a problem. One of the first advances after that were gyrators in which capacitors and inductors were placed in the feedback loops of amplifiers and the values of the circuits could be multiplied and capacitors could be made into inductors of fairly large values. Trouble with these devices is that using vacuum tubes with all the attendant heat and what not made them very unstable. The improvements in transistors and the loss of heat made gyrators what was happening, filterwise, for some time. Then the evolution of the op amp produced active filters and those were quite hot until the emergence of the switched capacitor filter. Active filters were OK, but they were tricky to tune and required precision resistor and capacitor values. You could obtain multiple poles, but only by cascading a lot of filter's in series, then tuning each of them separately. Temperature stability of components just like the gyrator was critical and placing active filters in areas of RF energy without proper shielding was a no no.

The problem associated with designing adequate filters at audio has always been with us. The values of inductors and capacitors at audio frequencies has required fairly large size components. Likewise when op amps and LSI came along, the technology did not easily permit large values of Capacitors and resistors on the substrates. Active filters enjoyed some success with laser trimming as a method of tuning hybrid chips (combinations of op amps and special non IC components), but many of us remember the first hybrid tone oscillators for HT's and how the least amount of RF sent these devices into untuned frenzy.

The switched capacitor filter relies on a simple technique that has been mentioned in these pages before and that is if you switch a capacitor between two different voltages, then it can be made to emulate a resistor which will be a function of the value of the capacitor and the frequency.



If we say that at $T = 0$, the capacitor is switched to the left, then the voltage on the capacitor is V_1 and the charge at $T = 0$ is given by

$$T = 0, \text{ then charge on } C = CV_1$$

If the switch is switched to the right, at $T = T_2$

then the capacitor has V_2 volts across it at $T = T_2$, then the charge in the capacitor is given by

$$T = T_2, \text{ then charge on } C = CV_2$$

the current that flows in (or out) of the capacitor from the time from T_1 to T_2 is equal to the change in the charge divided by the time or

$$i = \frac{Q(T_2) - Q(T_1)}{T_2 - T_1}$$

which is equal to

$$i = \frac{C(V_2 - V_1)}{T_c}$$

where $T_c = T_2 - T_1$ which is also equal to the inverse of the frequency where $T_2 - T_1$ is the period. $1/\text{Period}$ is equal to Frequency, so

$$i = C(V_2 - V_1)F_c$$

where F_c is the switching frequency.

If we rearrange the values of the equation, then we can show an equivalent resistance (of the voltage versus current variety) that is equal to

$$R_{eq} = \frac{V_2 - V_1}{i} = \frac{1}{C F_c}$$

And this is how a capacitor can be made to look like an equivalent resistor is it is switched between two voltages. Notice that the final equation is independent of voltage. This is something that an active filter can't boast as many parameters of an active filter can change with voltage.

Effective resistors can be designed that ordinarily could not be used on an integrated substrate. Which means that active filters can be designed using switched capacitor techniques that might have as many as forty poles of filtering. Redicon, one of the companies in the forefront is designing filters with up to 100 poles per chip! Once we have achieved the necessary resistor values using these techniques, the only limitations then become the size of the chip itself and manufacturing accuracy.

Although Redicon makes a variety of modem and universal filters, the subject is DTMF prefilters. As I indicated last month, the AMI prefilter and the SSI complete digital receiver both used switched capacitor technology.

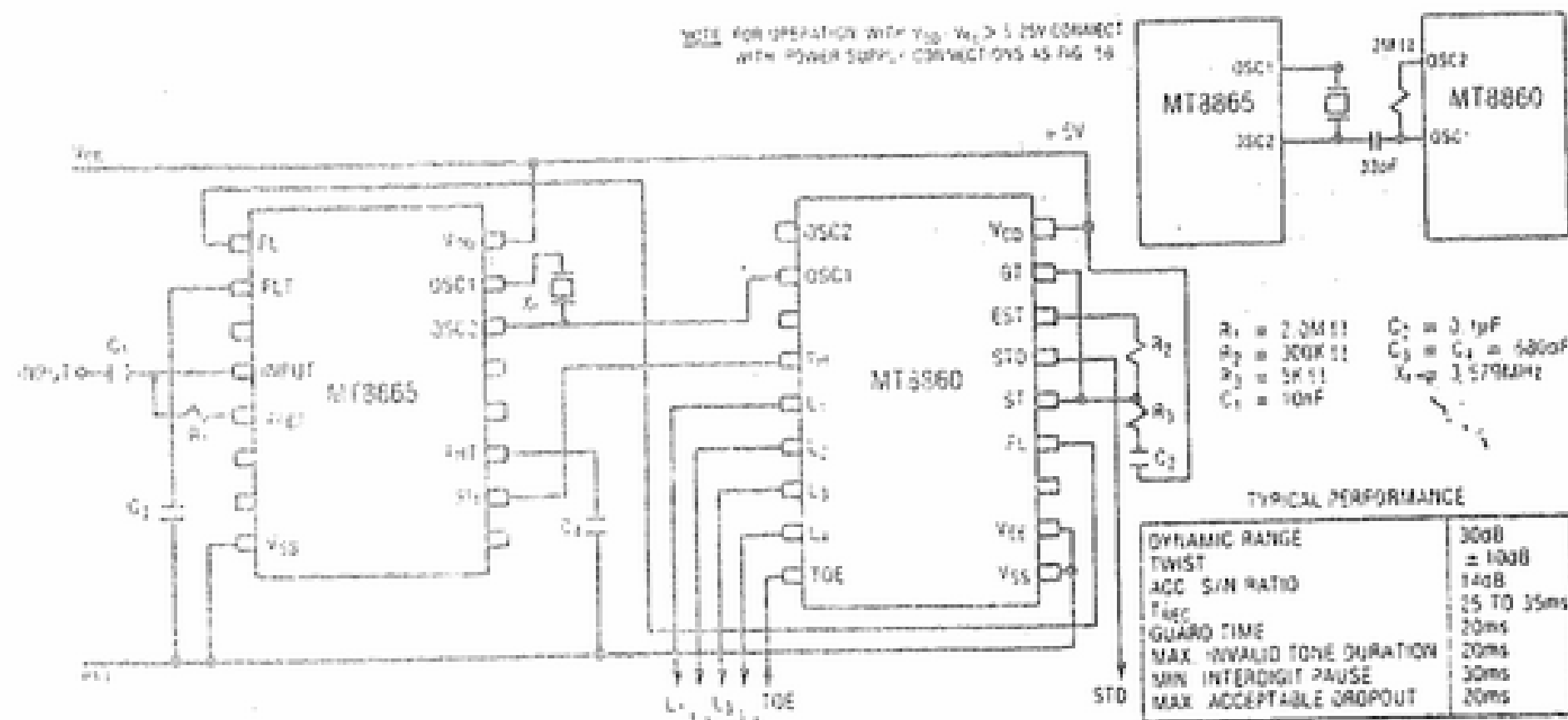
Mitel also uses switched capacitors in their DTMF decoder, a two chip set known as the MT8885 and MT8880. The MT8885 is a switched capacitor prefilter operating over a range of 4.5 to 13 volts. Its dynamic range is 30 db and its input impedance is 10 Megohm. At 5 volts, it draws 1.2 ma. and dissipates only 6 mW with an input signal level from 0 db to -30 db.

The MT 8880 Digital Decoder is similar to the Mostek 5102 but it operates over a supply range of 4.5 to 15 volts and draws less than 1.0 ma. It will accept Signal to Noise ratios of 14 db and the tone bandwidth is +2.5%. The decode time is 30 milliseconds and this is adjustable.

A complete circuit is shown the following page. The circuit is quite simple and uses a minimum of parts. Typical performance is fairly similar to the other decoders I have mentioned. The crystal is a color burst crystal on 3.58 Mhz and a single crystal can be used to drive both the switched capacitor prefilter and digital decoder.

The Mitel chip sets offer lower current consumption, so it theoretically could be driven from a telephone line directly rather than having to supply all the

CONNECTION DIAGRAM FOR 5V OPERATION



separate voltages as required by the AMI and Mostek. The Mitel chips are a little harder to get because Mitel is a supplier to the telephone industry. The AMI parts are available for the most part from several of the local big time parts distributors. The mitel chips are also a little more expensive. Both the Mostek Chip and the AMI chip can be obtained for just a little over \$40.00. Mitel is about half again as much.

I also didn't find about the Mitel until I was already into the card making stage. It would really not be very difficult to convert to Mitel and I am thinking about it sometime. WA5JXX had made a fairly complete study of Touch tone decoders for a project he was working on and concluded that the Mitel was the superior decoder at this time. He also ordered a couple of sets so if I can talk him into borrowing a set for a prototype, it might not be too difficult to ink up a set of boards.

I have intentionally limited this discussion to the switched capacitor filter and digital type decoders, especially of the CMOS variety. For the most part, the use of hybrid circuits is OK, but the switched capacitor technology is cheaper and better. I have seen some Telaris hybrid touchtone decoders going in the flea market for \$25.00 apiece or so, but this is surplus material that is finding its way into the market as the hybrids are being replaced by switched capacitors.

Down in Dallas, I saw a fellow who was selling the Collins CRC 8030 touch tone decoders (without prefilters) for just \$12.50. This was quite a bargain, but the collins chip is a 28 pin dual in line and is just a little difficult to operate with. It would work well with the AMI chip and has some good features. For somebody wanting to build up a junk box decoder, this was a good buy.

Mitel supplies a DTMF receiver comparison chart which summarizes all the various parameters. It is shown on the following pages. They show three categories of devices.

The first category is the Decoder only. This is the device without a prefilter. For the most part, these are CMOS IC's using crystals and they digitally time the incoming signals. Each requires a prefilter to properly operate and requires an input from a bandsplitting filter. The charts also include a couple of devices that I have not previously discussed including the Teltone TT 174 which is housed in a 40 pin behemoth.

The second category is the available prefilters.

There are a variety of these including several hybrids. The ITT packages were shown in a circuit and construction project in the January 1982 issue of QST. Only the prefilters were used. The disadvantage of the ITT prefilters is that they are hybrids and consequently more expensive (about \$10.00 or so or \$30.00 for each of the two bandpass filters). It can be seen that in this sweepstakes, the Mitel wins hands down with the power dissipation department. Note that the dialtone rejection is greater for the AMI S3525 because it contains a special dial tone rejection filter rather than relying on the bandpass filters. 52 db is considerable, but 30 db of the Mitel is nothing to sneeze at. Mitel offers a circuit in their Ap Notes to show how to get the dial tone down further if desired.

The third comparison is the complete tone receiver. This is both the prefilter and digital detector on a single chip package. Mitel is showing their new switched capacitor filters as an example and in comparison with the other single chip receivers.

It can be seen on comparison that the two chip set is again superior and the inconvenience of the extra parts and assembly is probably not significant when measured against the advantages of the Mitel chip set. I have a couple of the SSI 201 receivers and we used one of the Telaris Hybrids for several years in the old K5HMD remote base. We had some trouble with it because of sensitivity to noise. Joe finally wound up disabling the speech detector portion of the circuitry to prevent it from disabling the decoder. After that, it worked acceptably. Apparently Telaris signaled and detected out of band noise to determine if "speech" was present on the input. If it was, then it would inhibit the decoder. The only problem is that in a radio system, you will have other out of band noise that will also show up as "speech" from the squelch or perhaps a noisy signal. This would affect decoder reliability. I really would not recommend the Telaris chip in a radio circuit unless the "speech" detector is disabled.

Maybe next month I will have my prototype board using the Mostek/AMI chip set up and running and we can run some schematics and a board layout. If not, then it could be a couple of months after that. I will probably lay out a card using the Mitel chip set. Its price should start coming down a little.

Micheal Salem N5MS

DTMF RECEIVER - COMPARISON

TONE RECEIVER COMPETITION PERFORMANCE COMPARISON									
DECODER ONLY					FILTER / LIMITER ONLY				
PARAMETER	MILTEL	POSTER	TELTONE	COLLINS	MILTEL	ITT	ITT	ARI	POSTER
						3040A 3041A	3044 3045	SJ525	3200
CONSTRUCTION	CMOS I.C.	CMOS I.C.	PMOS I.C.	PMOS I.C.	CMOS I.C.	HYBRID	HYBRID	CMOS IC	NO
PACKAGE	18 pin DIL (4024pin DIL (42/3)	16 pin DIL (4024pin DIL (42/3)	40 pin DIL	28 pin DIL	16 pin DIL	24 pin DIL 1.18x1.36 x0.16 in.	20 pin (2 off) 1.32 0.75x0.31 in.	18 pin DIL	Details available
POWER SUPPLIES	SINGLE 5V or 8 to 13V	SINGLE 5V	SINGLE 12V	SINGLE or DUAL of 5V, 15V, 25V, 45V, 80V	SINGLE 5 to 13V	3 supplies 13V, 15V, 25V	2 supplies 12 to 18V	Single 9.5 to 13.5V	
TYPICAL POWER DISSIPATION (low voltage)	6.5mW	25mW	300mW	100mW	6mW	265mW	25mW	Not available	
DYNAMIC RANGE	N/A	N/A	N/A	N/A	30dB	34dB	N/A on board limiter	Variable 20 to 40dB	
ACCEPTABLE S/N (300-3400Hz)	-14dB (Adj to 12)	10dB	NOT SPEC'D	20dB	N/A	N/A	N/A	N/A	
RECEIVE TIME 100% TIME	Adjust.	27ms 35ms	25-30ms 25-35ms	18-19ms Not spd	N/A	N/A	N/A	N/A	
INPUT	FROM	SANDED FILTER			SINGLE ENDED	SINGLE ENDED	Single ENDED	DIL	
OUTPUT CODE	4 bit Bin (1 of 4) or 4 bit Bin (1 of 16)	4 bit Bin (1 of 4) or 4 bit Bin (1 of 16)	4 bit Bin (1 of 16)	4 bit Bin (1 of 16)	N/A	N/A	N/A	N/A	
DIRECT OUTPUT DRIVE	CMOS (15-17V) or TTL (12V)	CMOS (15-17V) or TTL (12V)	CMOS (15-17V) or TTL (12V)	CMOS	N/A	N/A	N/A	N/A	
THREE STATE OUTPUTS	YES	YES	NO	NO	N/A	N/A	N/A	N/A	
IN-BAND RIFLE	N/A	N/A	N/A	N/A	N/A	20dB	20dB	1-40dB	
INTERFERENCE REJECT	N/A	N/A	N/A	N/A	40dB	40dB	40dB	30dB	
DIAL TONE REJECTION (PRESET)	N/A	N/A	N/A	N/A	30dB	50dB	50dB	50dB	

TONE RECEIVER COMPETITION PERFORMANCE COMPARISON (COMPLETE RECEIVER)									
PARAMETER	MILTEL		TELTONE		TELARIS		TELTONE		SSI
	MT8860 MT8865	MT88210	7516-01	7640	7516-01	7640	MT8860	MT8865	
CONSTRUCTION	CMOS I.C.	HYBRID (CMOS)	HYBRID (PMOS)	HYBRID (PMOS)	HYBRID (PMOS)	HYBRID (PMOS)	MODULE (PMOS CHIP)	MODULE (PMOS CHIP)	CMOS IC
PACKAGE	18 pin + 16 pin DIL	50 pin 2.5x1.5x 0.28 in	12 pin 1.2x0.9 x 0.32	32 pin 1.2x0.9 x 0.32	32 pin 1.2x0.9 x 0.32	32 pin 1.2x0.9 x 0.32	20 pin PCB	20 pin PCB	22 pin DIL
POWER SUPPLIES	SINGLE 5V or 8 to 13V	SINGLE 5V to 15V	SINGLE 8 to 28V	SINGLE 10-14V	SINGLE 10-14V	SINGLE 11 to 13V	SINGLE 11 to 13V	SINGLE 11 to 13V	SINGLE 11V
TYPICAL POWER DISSIPATION (low voltage)	13mW	50mW	60mW	500mW	500mW	40mW	500mW	500mW	150mW
DYNAMIC RANGE	30dB	40 dB (Adjust)	26dB	34dB	34dB	34dB	29 dB or 33 dB	33 dB	30dB
ACCEPTABLE S/N (300-3400Hz)	-14dB (Adj to 12)	-14dB (Adj to 12)	-12dB	18 to 22dB	18 to 22dB	-20dB	-20dB	-20dB	NOT SPEC'D
RECEIVE TIME 100% TIME	Adjust.	Adjust.	40ms 10ms	20ms 20ms	20ms 20ms	25 to 35	25 to 35	25 to 35	12 to 40ms
INPUT	SINGLE ENDED	DIFF	DIFF	DIFF	DIFF	DIFF	DIFF	DIFF	SINGLE ENDED
OUTPUT CODE	4 bit Bin (1 of 4) or 4 bit Bin (1 of 16)	4 bit Bin (1 of 4) or 4 bit Bin (1 of 16)	4 bit Bin (1 of 16)	4 bit Bin (1 of 16)	4 bit Bin (1 of 16)	4 bit Bin (1 of 16)	4 bit Bin (1 of 16) or 4 bit Bin (1 of 16) and other	4 bit Bin (1 of 16) or 4 bit Bin (1 of 16) and other	4 bit Bin (1 of 16) or 4 bit Bin (1 of 16) and other
DIRECT OUTPUT DRIVE	CMOS (15-17V) or TTL	CMOS (15-17V) or TTL	CMOS (15-17V)	CMOS (10-14V)	CMOS (10-14V)	CMOS (11-13V)	CMOS (11-13V)	CMOS (11-13V)	CMOS (11V)
ACCEPTABLE THRESH	+10dB Min	+10dB Min	+12dB	+12dB	+12dB	+12dB	+6dB -8dB	+6dB -8dB	+6 dB -4
THREE STATE OUTPUTS	YES	YES	NO	NO	NO	NO	NO	NO	YES

HAM HOLIDAY - TENTATIVE SCHEDULE OF EVENTS *

FRIDAY

- 5:00-9:00 PM Registration
(MAIN HALL ENTRANCE)
- 6:00-9:00 PM Eyeball QSO Party
(MAIN HALL ENTRANCE)
- 7:30 PM QLF Contest, conducted by
Chuck, K5NK

The Oklahoma Central VHF Club celebrates its 25th anniversary at a gala banquet beginning 5:00 PM with eyeball QSO's at the Quality Inn Motel Convention Center, Reno & Eastern, OKC. (For details, see VHF club column.)

SATURDAY

- 7:30-9:00 AM Flea Market set-up & registration (pre-registered/reserved tables only)
(MAIN HALL)
- 9:00 AM
 1. Doors open to Flea Market
(MAIN HALL)
 2. Ladies Reception & Coffee
(HOSPITALITY ROOM)
- 10:00 AM
 1. Ladies Program
(HOSPITALITY ROOM)
 2. Microcomputers-Information Systems
Presented by BMI Systems Corp., OKC & Norman
(CHEROKEE ROOM)
 3. RFI to and from Cable TV Systems
Presented by David Pangrac, WAØRNP, plant maintenance manager, Cox Cable Company
(OKLAHOMA ROOM)
- 11:15 AM
 1. Ladies Program Continues
(HOSPITALITY ROOM)
 2. Emergency Communications in Oklahoma State-A.R.E.S.-
Presented by Bennett Basore, W5ZTN, State E.C.
(CHEROKEE ROOM)
 3. DX-TYall-Slide/Tape
DXing in Benin, Africa
(OKLAHOMA ROOM)
- 12:00 NOON LUNCH
- 1:00 PM
 1. Bingo
(JUBILEE ROOM-ADJOINING MAIN HALL)
 2. "Computer Trouble-Shooting for the Layman"

Presented by Jerry Scott, author of the upcoming book "Computer Trouble-Shooting for the Layman" and owner, Sounds Etc., Watonga, OK.
(CHEROKEE ROOM)
 3. Oklahoma Repeater Society
(OKLAHOMA ROOM)
- 1:00 PM
CONTD
- 2:15 PM
 1. Bingo-continues
(JUBILEE ROOM)
 2. C.O.R.A. Annual Membership Meeting
Conducted by George, AD1S
C.O.R.A. President
(OKLAHOMA ROOM)
 3. "Six Meter DX and Propagation"
Presented by Bill, N5WM
(CHEROKEE ROOM)

3:30 PM

1. Bingo-continues
(JUBILEE ROOM)
2. "The Law and the Amateur Radio Operator" - municipal ordinances, plat restriction city-state laws 'and other headaches.'
Conducted by Mike Salem, N5MS.
(OKLAHOMA ROOM)
3. AMSAT Forum
Amateur Satellites-Present and Future
Presented by Doug Loughmiller, K05I.
(CHEROKEE ROOM)

6:00 PM

FLEA MARKET CLOSSES

7:00-8:30 PM

Western Bar-B-Q Banquet
Featuring the "DIXIE ROAD RUNNERS" clogging team to entertain right after dinner. Refreshing and exciting dancing group of Oklahoma young people.
(JUBILEE ROOM)

9:00-MIDNITE

Country-Western Dance (OPEN TO ALL REGISTRANTS)
Free "cowboy" dance lessons by AD1S and N5DLM
(JUBILEE ROOM)

9:30 PM

Night Owl Net

SUNDAY

- 8:00 AM QCWA Breakfast
(ADJACENT TO MAIN HALL)
- 9:00 AM
 1. Flea Market Opens
(MAIN HALL)
 2. Ladies Reception & Coffee
(HOSPITALITY ROOM)
- 9:30 AM
 1. Bingo-Ladies Program
(HOSPITALITY ROOM)
- 10:00 AM
 1. ARRL Forum
Conducted by ARRL Reps
(CHEROKEE ROOM)
 2. Microcomputers-Interface with computer peripherals.
Conducted by Charles Dahlem owner of Disc Connection, OC
(OKLAHOMA ROOM)
- 11:15 AM
 1. Bingo/Ladies Program Continues
(HOSPITALITY ROOM)
 2. DX-Contesting & QSLs
"How to get that QSL"
Conducted by QSL Manager AD1S
followed by color film on "N2AA Super Contest Station"
(CHEROKEE ROOM)
 3. FM Forum-The Deviation Plan
Conducted by Mac, K2GKK/5
(OKLAHOMA ROOM)
- 12:00 NOON LUNCH
- 1:00 PM Awards Drawings
(MAIN HALL)
- 3:00 PM HAM HOLIDAY '82 CLOSSES

* Times and programs are subject to change

HAM HOLIDAY '82
July 23, 24, 25
Myriad

Three for the price of one:



CENTRAL OKLAHOMA RADIO AMATEURS

proudly invite everyone to attend

our *bigger and better*

HAM HOLIDAY '82

July 23, 24, 25

Myriad Convention Center
Downtown Oklahoma City

Bring a Friend!

OVER

PRE-REGISTRATION DEADLINE: Postmarked by July 17, 1982
to be eligible for Pre-registration award

Registration packet will be held at the door. Please do not request refunds or confirmations.

USE THIS FORM TO PRE-REGISTER

You may buy as many registrations as you desire at \$6.00 each. All participants and all guests over age 12 will be required to register to enter any area. Tickets at the door are more expensive, so pre-register the whole family!

Name_____	Single Registration	___1___ @ \$6.00	\$6.00
Call_____	Additional Persons (how many?)	_____ @ \$6.00	\$_____
Address_____	Saturday Night Banquet & Free Dance	_____ @ \$8.00	\$_____
City_____	QCWA Sunday Continental Breakfast	_____ @ \$2.75	\$_____
State, Zip_____	Total of check	\$_____	

**Make check or money order for this amount (no cash, please) payable to C.O.R.A.
Mail to C.O.R.A., P.O. Box 15013, Del City, OK 73155, before July 17, 1982.**

A non-commercial flea market table is free to pre-registrants if reserved ahead. Specify whether you want it for Saturday only or for the whole weekend, so we can plan the arrangement more efficiently for you.

Please reserve one non-commercial Flea Market Table for me: _____ Sat. only _____ Sun. too

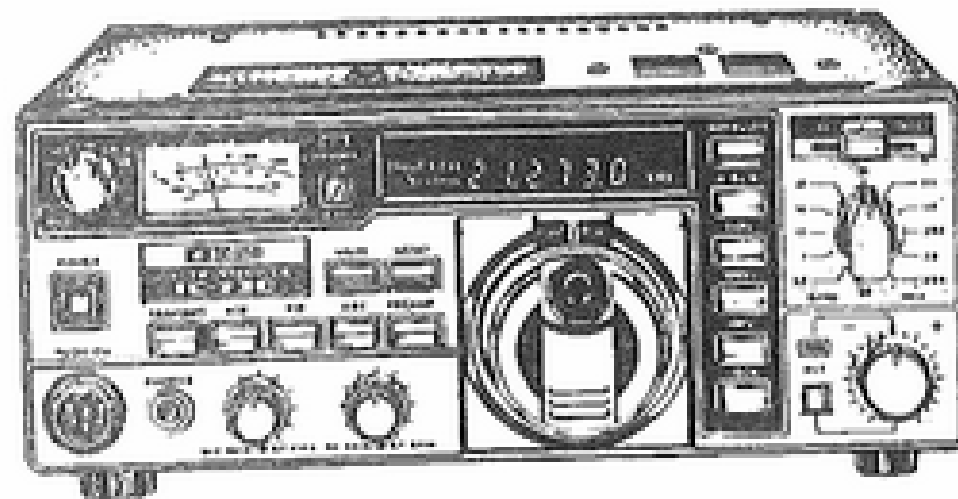
Mail to C.O.R.A., P.O. Box 15013, Del City, OK 73155,
before July 17, 1982.

(Cont'd.)

More Information about:

- **HAM HOLIDAY '82**
- **COMPUTERFEST**
- **ARRL STATE CONVENTION**

**JULY
23, 24, 25
1982**



**MUST BE
PRESENT
FOR ALL
AWARDS***

GRAND AWARD - \$1,000 VALUE!
ICOM IC-730 with mike & power supply

*** Prize Policy:** The winner and/or his ticket must be present to claim any award except the pre-registration award. You may sign your ticket for someone else to hold for you. Unclaimed registrations will not be deposited for the main drawing - only for the pre-registration drawing.

Pre-registration: \$6.00 with attached form. All envelopes must be postmarked not later than midnight, July 17, 1982, to be eligible for pre-registration prize drawing. Registration packet with badges and tickets will be held at the door. No limit on number of tickets. No refunds or confirmations. Winner need not be present for this drawing only.

Admission: \$6.00 pre-registered; \$7.00 at the door. (Same price as last year.) This price is for everyone attending—visitors, wives, and teenagers—licensed or not. Children age 12 or younger admitted free with parent, but are not eligible for prizes. Badges must be worn as proof of registration for entry into any area, including exhibit hall, flea market, coffee lounge, and banquet/dance.

Facilities: Ham Holiday activities will take place in the northwest area of the Myriad Convention Center in downtown Oklahoma City (same as last year). All events Friday will be held on the main floor while commercial exhibits are being set up. Security has been arranged to protect the area at night. Upstairs meeting rooms will be open all day Saturday for forums, demonstrations, and ladies' programs. Saturday night banquet and dance will be downstairs adjoining the main area. Sunday drawing will be in the rear of the flea market / dealer display area.

Programs: Something to interest everyone. There will be the usual number of topical displays, forums, and seminars; but this year we are inviting computer people to present programs from beginning to advanced levels. There will be programs on DX, antennas, satellites, FM, alternate energy sources, and many others. Special groups are planning meetings: ARRL, Night Owls, Oklahoma Repeater Society, SMIRK, and CORA, to name a few. There will be the QLF and QRM contests, as usual. Ladies will have plenty of interesting things to do, although the plans are not yet finalized.

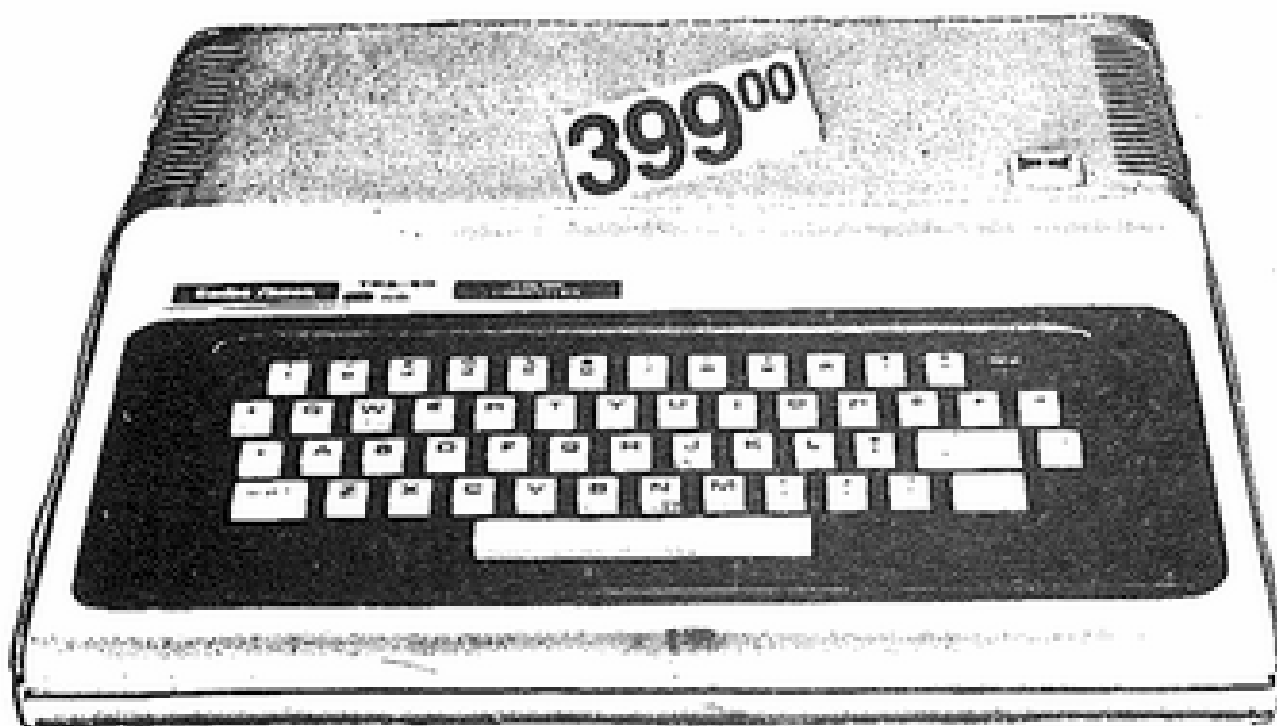
Flea Market: (Non-commercial only) Every person pre-registering gets a free table reservation. The 30,000 sq.ft. area is indoors and air-conditioned, with easy-access loading doors on Sheridan St. for setting up. If any tables are unclaimed Saturday morning, they will be offered free on a first-come, first-served basis.

Accommodations: The Sheraton Century Center across the street has offered us a block of hotel rooms at the reduced rate of \$50 each (unlimited occupants) and free use of a hospitality room during Ham Holiday. Underground walkway will be open to the Myriad and various downtown shops, restaurants, parking, and other hotels. To make reservations, contact hotels directly. See ads elsewhere in this issue.

Parking: Ample underground parking is available under the Myriad at the usual rate. In addition, there is substantial on-street and off-street parking located close to the Myriad.

Preregistration Award

July



**USE THIS FORM
PRE-REGISTER NOW**

OVER

TAKE A TRS-80® COLOR COMPUTER HOME!

Central Oklahoma Radio Amateurs

NOTES FROM THE C.O.R.A. PRESIDENT

George Adkins, AD1S

This may be the last issue of Collector and Emitter before Ham Holiday 82, so I will give you an update on what we hope will be the best State convention in many years. The forums and programs are pretty well established by now. We have some entertaining and informative programs in store. Those interested in home computers won't want to miss the outstanding speakers who will be with us this year. The ladies' programs are equally good for HH8 and Bingo will be offered on Saturday and Sunday this year due to last years demand.

A reminder that you must have someone present at the (Sunday) award drawing in order to win one of the many awards. The winner of the pre-registration award and grand award will be very happy folks this year! The pre-registration award is the Radio Shack "Color Computer" with a 16K mod and the Grand Award is an Icom 730 HF transceiver with microphone and power supply. We will offer numerous additional awards on Sunday --as many as the budget allows. If our attendance is good, the awards will also be good this year. Pre-registration looks quite good so far, so let's have a good crowd. Your entire family and friends are invited to see the Amateur Radio exhibits as well as the programs on home computers.

Mark the date on your calendar: JULY 23,24 & 1982 for the ARRL Oklahoma State Convention, HAM HOLIDAY 82 and COMPUTERFEST. Pre-register now for a price break and a shot at the great pre-registration award!

Elsewhere in this Collector & Emitter is a copy of a proclamation from the Governor of the State of Oklahoma, George Nigh. The Governor has proclaimed the week of July 19-25, 1982 as "Amateur Radio Week" in Oklahoma. We can be very proud of this recognition of the service performed by amateur radio. Thanks to Leonard WA5FSN who arranged for this proclamation in time for the 1982 Ham Holiday.

Please let your local newspaper and radio stations know about Amateur Radio Week and Ham Holiday 82. You may simply photocopy the proclamation from your C & E and send it to your local media with a letter about your club's contributions and information about Amateur Radio and the state convention. Most newspapers will be very pleased to hear about the World's greatest public service communication effort. See you at Ham Holiday 82. De AD1S.

On page 2 there is a story about a meeting that impressed everyone with its brevity - a club meeting, business and social that lasted less than 30 minutes, well, the CORA meeting held on 22 June and chaired by the same individual also set a record for length. Everything on Ham Holiday planning and execution is going so well that the whole meeting took under an hour.

As with every operation there are a couple of things that pop up, such as the city council letting a new company bid on the food concession at the Myrad and then not agreeing to sign a contract with them, but that will be settled at the council meeting next Tuesday and everything will be on track there.

A note to those planning to attend the Saturday session. You might want to get there early if you plan to park in the Myrad underground or nearby since they have booked a "major" event in the large arena but it isn't supposed to start as early as we do so they will have the problem of parking, not us.

Up until a couple of days ago the weather sure hasn't felt like July and Ham Holiday are just around the corner but now it does and they are. A poll of those present at the CORA meeting showed that they were like most everyone else, many of them hadn't pre-registered intended to but just hadn't. That seems to be the story each year: Wait until the last minute and then swamp the pre-registration crew. If you haven't already sent in your pre-registration turn to page 13 right now and do before finishing this column. I will wait four! (Wait. Wait. Wait. Wait. - - - - -

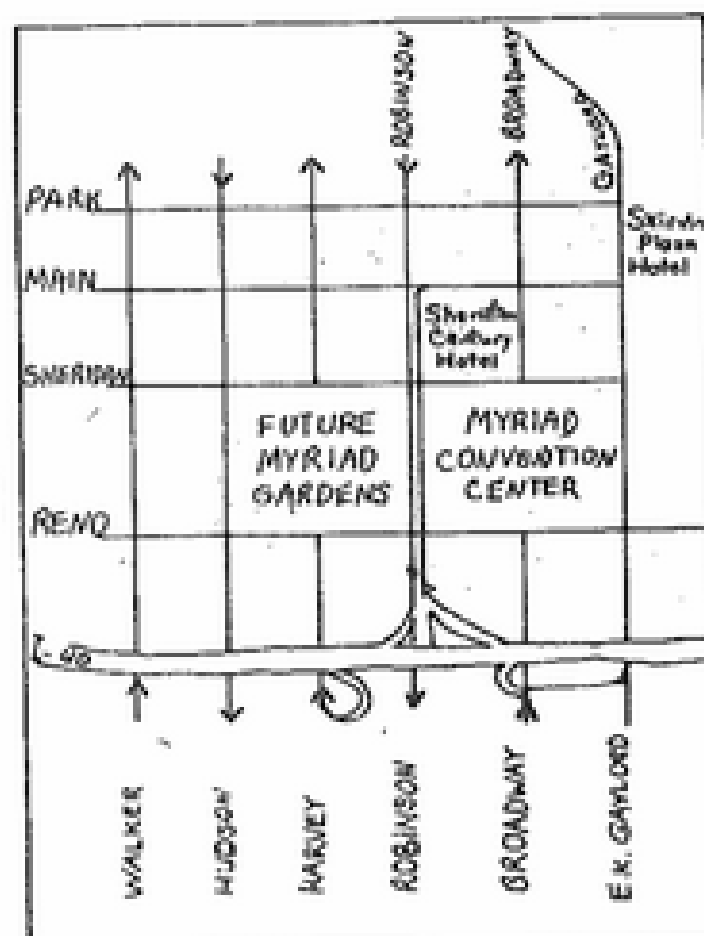
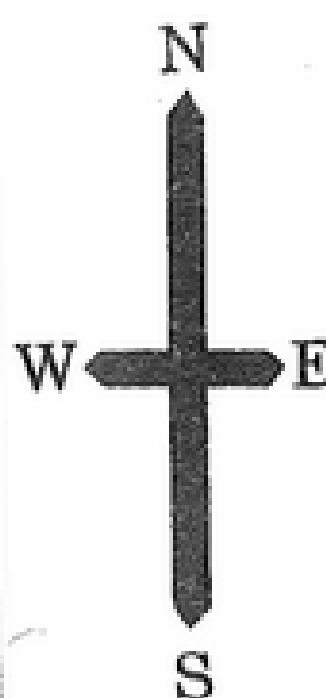
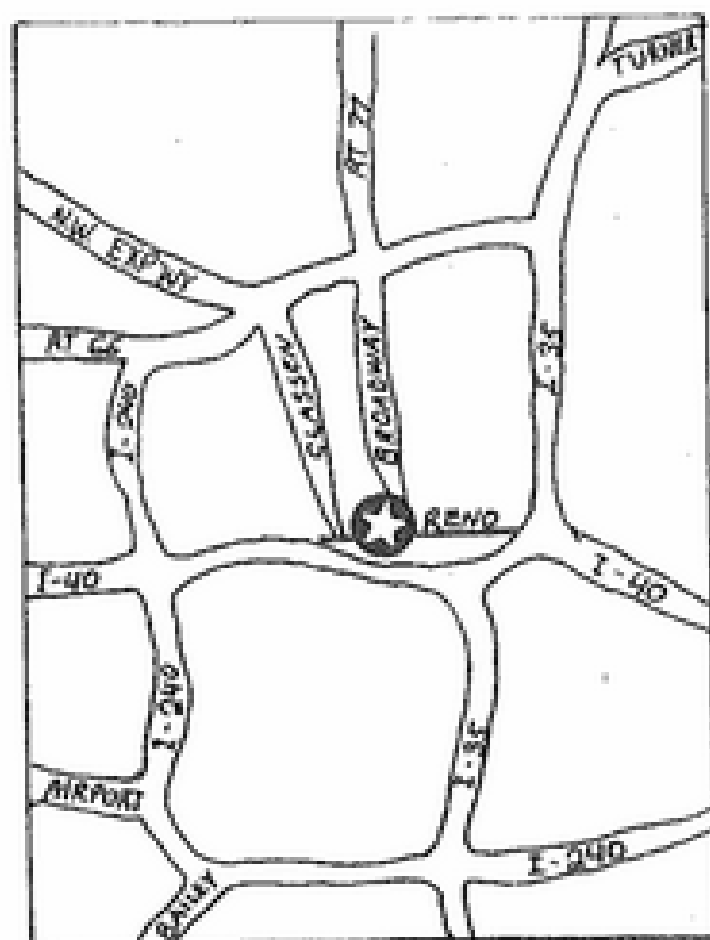
See, that wasn't too much trouble and now you won't miss the fun and maybe walk home with that TRS-80 Color Computer for pre-registering. It and the ICOM IC-730 are here and just waiting for some lucky person.

Except for a couple of more that we expect to have but haven't "pinned down" the program and a varied lot they are, are set and a tentative listing will be found on page 12.

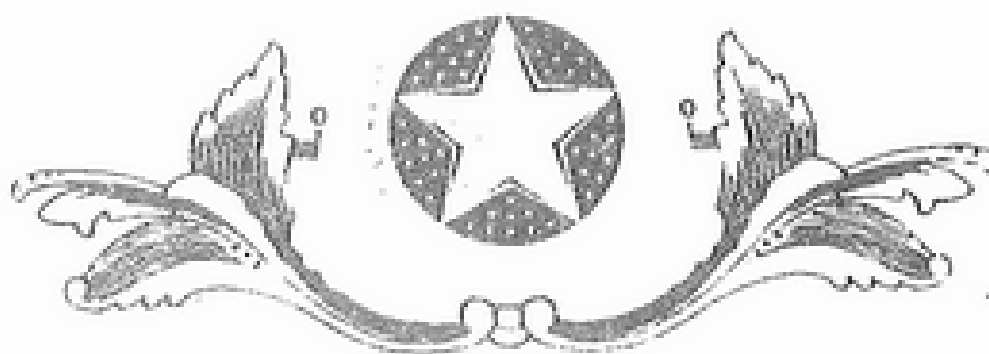
The Ladies Program Committee didn't have a representative there but they have been working and found time to send in a story that will be found on page 5. Looks like they are going to make the ladies happy with what is listed and others they expect but can't say for sure.

Joe, NA5ZNF

HAM HOLIDAY '82



STATE OF OKLAHOMA



EXECUTIVE DEPARTMENT

Proclamation

WHEREAS, the thousands of licensed amateur radio operators of Oklahoma render service in the field of emergency communications for the Red Cross, Civil Defense and disaster relief, the military services and also non-emergency civic events; and

WHEREAS, these operators, through their contacts throughout the world serve as unofficial ambassadors of good will for the United States; and

WHEREAS, these operators are dedicated hobbyists, but they are also born experimenters, with many of today's communications marvels having their prototypes in the workshop of the amateur radio operator; and

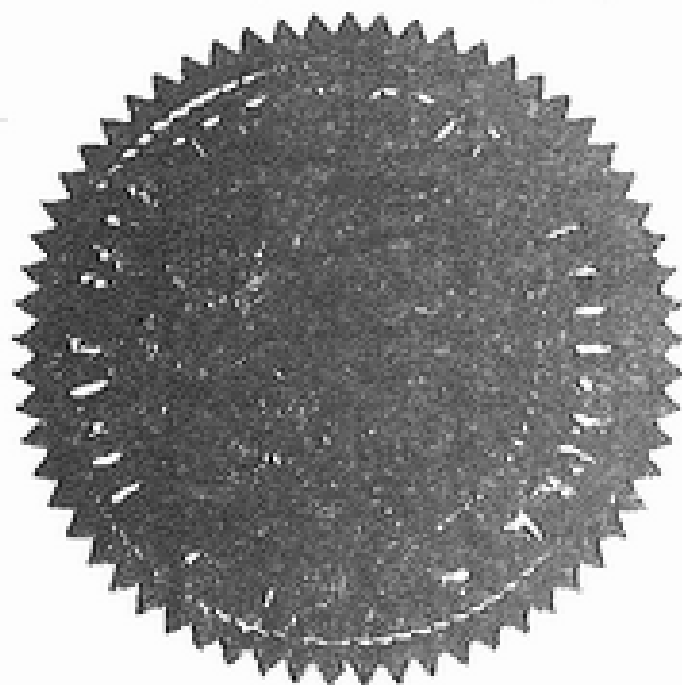
WHEREAS, many of our leaders in the space program and the communications industry received their incentive and basic knowledge in the ranks of amateur radio; and

WHEREAS, thousands of amateur radio operators participate in communications training exercises on a continuing basis, providing technical skill and an operational pool for disaster programs;

NOW, THEREFORE, I, GEORGE NICH, GOVERNOR of the State of Oklahoma, do hereby designate the week of July 19 - 25, 1982, as

"AMATEUR RADIO WEEK"

In Witness Whereof, I have hereunto set my hand and caused the Great Seal of the State of Oklahoma to be affixed.



Done at the Capitol, in the City of Oklahoma City, this 10th day of June, in the Year of Our Lord one thousand nine hundred and eighty-two, and of the State of Oklahoma the seventy-fourth year.

Jeanette B. Edmundson
SECRETARY OF STATE

George Nich
GOVERNOR

ROSTER OF CORA MEMBERS

JULY 1982

Alphabetical by last name & call

ABEL, PAUL	WESOLO RT 8 BOX 180	SHAWNEE OK 74801	2734822	BROWNLEE, CURTIS	3033 ELLINGSTONE RD	OKLA CITY OK 73120	7512458
ABLER, JERRY	NSAUP RT 4 100 ALMA	SHAWNEE OK 74801	2755717	BUNDELOE, RENDAKADJ	7204 NM 31	BETHANY OK 73008	
ACORC, *	KSPNA POSTAL STATION 18	OKLA CITY OK 73169		BRINKING, AL	WESANE RT 4 BOX 100	CHOCTAW OK 73020	3902963
ADAMS, MARK D.	WASREC 901 BRETT	EDMOND OK, 73034	3487847	BRYAN, MARY	KSPBE BOX 249	ETHOSTON OK 73439	5642177
ADKINS, GEORGE	ADIS BOX 32735	OKLA CITY OK 73123	7226195	BRYAN, RAY	W510 BOX 249	ETHOSTON OK 73439	5642177
ADKINS, VICKI	NSDLH BOX 32735	OKLA CITY OK 73123	7226195	BRYANT, PAUL	KDSJZ 820 SE 10	MOORE OK 73160	7993446
ADLER, HERWIN	KSELL 812 BELLE AIRE AVE	EDMOND OK 73034	3415405	BUCHANAN, JAMES	W5JGO 3114 WHEELER AVE	BETHANY OK 73008	4952777
AHMAD, NIZAM U	WDSILE 6808 S HARVEY PL	OKLA CITY OK 73139		BUCHHOLTZ, RICHARD	WOFFF25404 SE 7	DES HOMES IOWA 50015	
ALEXANDER, GARY	KASMPK 2001 CANARY LN	ALTUS OK 73521	4820857	BUFFINGTON, FRED	WSEFV 2645 CHATEAU	NORMAN OK 73069	
ALGER, ALLEN	A15Y 1610 S. JENSEN	EL RENO OK 73036	2625758	BUGG, LARRY	W5GARY 7620 NM 20	BETHANY OK 73008	7894130
ALLEN, BEN	K5IRO 101 W. GLENN DRIVE	EDMOND OK, 73034	3484264	BULGER, JOHN	NATH 6795 CONAIR RD IN 22	CL PAGO TX 79925	
ALLEN, JANE	NSARY 7309 S DOUGLAS AVE	OKLA CITY OK 73139		BURR, JOE	IGWKT0 409 NE 20	OKLA CITY OK 73105	
ALLEN, ROBERT	WDSVP 7309 S DOUGLAS AVE	OKLA CITY OK 73139	6321708	BURDICK, KEN	KSUND 416 SE 40 TERR	OKLA CITY OK 73109	6321822
ALMOND, BOB	KSLZF 711 N 1ST	TECUMSEH OK 74873	5985148	BURGAN, HOPE	W5BNJ 2504 NM 119	OKLA CITY OK 73120	7511646
ANDG, LYEAL	WSSJC 3213 N SHANNON AVE	BETHANY OK 73008	7895298	BURSEY, CHARLES	W5AWV RT 1	CRANWELL TX 79227	6552387
ANDERSON, WADE	ZBSEK 205 BELLAIRE DR	MOORE OK 73160	7945144	BUSWELL, JIM	W5BEO 1304 W PARK PL	OKLA CITY OK 73106	2740368
APPEL, IRVING	K5PIA 1145 NM 26	OKLA CITY OK 73106	5240132	BUSWELL, JOE	K5JRP 3312 HOLWILD	HIGHEST CITY OK 73110	7326676
ARENS, R.C.	NSEED 2804 ORLANDO RD	OKLA CITY OK 73120	7513117	CALKIN, PAUL	KASJ00 BOX 462	NEWARK OK 74647	3623958
ARNOLD, FRANK	W5PHI 608 HOLLOWAY DR	HIGHEST CITY OK 73110	7372582	CANEDON, SCIP	W5GAI 2909 WINGBOR BLVD	OKLA CITY OK 73121	9422806
ARNOLD, LARRY	KASJNR 4107 N SHADYBROOK DR	HIGHEST CITY OK 73110	7322930	CAMPBELL, WAYNE	KASLK 7237 SEMINOLE TERR	OKLA CITY OK 73132	7214294
ASHBY, ROBERT	W5HOL 2037 NM 19	OKLA CITY OK 73107	9425375	CANADA, DEL D.	K5CPS 1112 SE 40	OKLA CITY OK 73129	6344306
ASPLIN, PAUL	WASHTL 6902 NM 57	BETHANY OK 73008	7874236	CARLISLE, ROBERT	K5AMT 117 E MARSHALL	HIGHEST CITY OK 73110	7370469
ATKINS, BILLY	W5AH 321 N POST RD	HIGHEST CITY OK 73110	7331469	CARLTON, JOE	W5ELAF 716 E CONNORCE	ALTUS OK 73521	4824489
ATKINSON, SUSIE	KASPED 3113 WILSHIRE TERR	OKLA CITY OK 73116	8423014	CARRELL, LOYD	KASMR 316 MOISELLE DR	HIGHEST CITY OK 73110	7326449
BAKER, HOWARD	W5AG 5928 N REIMOND	OKLA CITY OK 73122	7215453	CARTER, FRANKLIN	W5HNS PT 2 BOX 338	CHOCTAW OK 73020	3912182
BAKER, RICHARD	W5THW 2400 S MACARTHUR W20	OKLA CITY OK 73128	6852867	CASER, JOSEPH	W5ENP 7021 NM 48	BETHANY OK 73008	7895512
BARNES, BRUCE	KASIRY BOX 974	MOORE OK 73068	8723518	CASH, CECIL	W5HNL 1892 SMITH AVE	LAWTON OK 73501	
BARNES, RAY	AB5Z RT 1 BOX 166	LONGDALE OK 73755	2743034	CASH, JENNIE	WASLCH BOX 1355	WENONA OK 74884	2572243
BARRETT, SAM	WASRPB BOX 5362	NORMAN OK 73070	3212601	CASSADY, TOM	K5E 2242 BURLIN RD	OKLA CITY OK 73120	7511194
BARTON, ARNOLD	KASLTH RR 1	MOORELAND OK 73852	9945976	CASTLEBERRY, ROUSHNDREY	W5H204 S MARTEL DR	OKLA CITY OK 73129	6911070
BARTON, RALPH	W5TRB 810 NM 32	OKLA CITY OK 73118	5218339	CATI IN, W.B.	K5PHI BOX 412	BUFFALO OK 73834	7352060
BASINGER, GLENN	W5UAX 1511 ROCKRIDGE G *	NORMAN OK 73071	3440330	CHANDLER, DONALD	W5SFB 318 S WARDING	ENID OK 73701	2309373
BATCHELOR, DAN	W5YVK 621 NM 39	OKLA CITY OK 73118	5210125	CHANDLER, C.T.	W5EUT 1833 1/2 NM 7	OKLA CITY OK 73106	2329005
BATES, HARVEY	WAOOEY 419 MONTEREY AVE	LIBERTY MO 64068		CHANEY, A.B.	W5EVS BOX 109	WENONA OK 74884	2575801
BAUMON JR, DON	W5OYND 5012 W GEORGE GREEN	MONTGOMARY AL 36109		CHAPMAN, FRED	K5LDE 1202 WESTLAWN	NORMAN OK 73069	3645595
BAUGH, DAVID	K5MKT 3913 N SHANNON AVE	BETHANY OK 73008	7874183	CHILDERS, TOM	W5E 16017 NELSON RD	NORMAN OK 73071	3218491
BEATTIE, HARRY	W5GPP 304 E DETROIT	PONCA CITY OK 74601	7653862	CHRISTIAN, LARRY	W5ASG 3301 N COLLEGE	BETHANY OK 73008	7891538
BEATTY, JOHN	W5BRI 8404 NW 101	OKLA CITY OK 73132	7215295	CLARK, A.B.	W5S1W 5825 NM 47	OKLA CITY OK 73122	7893893
BECKLOFF, KENNETH	W5HIRT 1 BOX 90A	OKLA CITY OK 73112	9469649	CLARK, ALAN	K5JC 5825 NM 47	OKLA CITY OK 73122	7893893
BELL, H.M.	W5JCH 2713 CASHION PL	MINCO OK 73059	3424112	CLARK, ANDY	W5LWAB 1125 SE 34	PARTS TX 75460	7855163
BELL, WOODY	WASZFI RT 1 BOX 15	HITCHCOCK OK 73744	8253302	CLARK, FRED	W5JRP RR 1 BOX 144A	BLACKWELL OK 74631	3633995
BENEDA, VIRGINIA	W5HSHN RT 1 BOX 69	YUKON OK 73099	3240749	CLEMENT, JIM	W5LSD 4900 N MERIDIAN	OKLA CITY OK 73112	9432467
BENNETT, JAMES	K5SIR 10417 LEICESTER	OKLA CITY OK 73112	9464866	CLEMMER, JIM	KASOPT 7728 NM 29	BETHANY OK 73008	7879356
BENSON, HUGH	PASDDY 4428 NM 45	DOVER OK 73734	8284211	CLEWELL, CLEMEN	WASSEL PO BOX 99	WATONGA OK 73772	6235559
BENSON, WILBUR	K5RMI 90X 162	OKLA CITY OK 73116	8423897	COCHRAN, GLEN	W5BNJ 1925 STEELING DR	OKLA CITY OK 73127	9427148
BEVILL, J.C.	W5EIP 2924 SHIRLEY LN	NEEKER OK 74855	7792039	COCHRAN, JACK	W5SCA 204 W MARSHALL DR	HIGHEST CITY OK 73110	7328029
BICKEL, JOHN	KASOFI BOX 72	NORMAN OK 73069	3211311	COCHRAN, MAX	WASLDE 3201 NM 42	OKLA CITY OK 73112	9423825
BLOOMER, JACK	W5E21 2603 BEAURIE DRIVE	HULSWORTH OK 74848	3793992	COCHRAN, MEME	W5LMS 4308 NM 26TH	OKLA CITY OK 73107	9434308
BILLS, J.B.	W5VLT BOX 655	TECUMSEH OK 74873	5985631	COHEN, DICK	KASOB 9205 KNIGHTS BRIDGE R	HIGHEST CITY OK 73110	
BINGHAM, EUGENE	W5LAE 308 DEBBIE LN	OKLA CITY OK 73105	5284467	COLEMAN, HUGH	AJS 1791 S AIR DEPOT	OKLA CITY OK 73116	8401895
BLACK, ELMO	W5JCB 413 NE 38 TERRACE	NORMAN OK 73069	3293222	COLLINS, DR. SAMUEL	4201 NM EXRY AR/PH NE	SHAWNEE OK 74801	2754005
BLACK, LELAND	W5MON 726 WOODS	OKLA CITY OK 73104	2363875	COMPTON, CARL	N5FE 8 SEMOVAN	LEVINGTON OK 73051	5275188
BLACKARD, RUSSELL	W5CHD 423 NE 16	OKLA CITY OK 73139	6913494	CORNER, EARL	KASNN RT 1 BOX 1374	MUSTANG OK 73064	3769175
BLACKWELL, ED	W5FYG 9304 S MCINLEY	BEARS OK 74831		COOK, CLAUDE	W5MNN 2216 KEENS DR	EL RENO OK 73035	2620130
BLAKLEY, BILL	WASLH RT 1 BOX 109	OKLA CITY OK 73121	4272585	COPPEY, DEE	W5SIRL 1408 S MILES	TECUMSEH OK 74873	5983212
BLANKMAN, FRED	W5NL 2900 BIRD DR	EDMOND OK 73034	3480123	COUCH, EARL	W5SISA 209 N KIMBERLY	YUKON OK 73099	3543385
BOLAND JR, BILL	KASESA 3008 RANKIN TERR	HIGHEST CITY OK 73130	7332239	COURTNEY, CHARLES	W5SBO 29 GLENDA DRIVE	OKLA CITY OK 73127	4551636
BOLIN, STAN	WASWFI 812 S ST PAUL	TUTTLE OK 73089	3812568	COURTNEY, BILL	W5SBO 3012 GOLDEN OAKS	OKLA CITY OK 73132	7214667
BOMBARDIER, KENNETH	W5SLH RR 2 BOX 141	OKLA CITY OK 73132	7215706	COX, EVERETT	W5OJ 9424 CASTLE RD	OKLA CITY OK 73132	7214667
BOND, TOMMY	K5YDF 9805 RITTER RD	HOLDENVILLE OK 74848	3795173	COX, JIM	K5JHD 9424 CASTLE RD	ARCADIA OK 73067	
BOOVER, REEDY	W5ADC BOX 324	HIGHEST CITY OK 73110	7326228	COX, WALTER	K5GHI RT 1 BOX 80	DEL CITY OK 73115	6770170
BOOTH, LUTHER	W5GIM 2125 SANDRA DR	OKLA CITY OK 73109	6341960	CRAWFORD, DICK	W5DFT 4103 SE 14	OKLA CITY OK 73131	4780273
BORIN, CECIL	W5GAC 3244 S. KLEIN	OAKWOOD OK 73658		CRENS, MIKE	KASOBB 5709 NM 115	OKLA CITY OK 73132	7221376
BOUCHER, DARRELL	W5SKS RFD 1	MOORE OK 73160		CRON, FOR	W5EAL 2428 SW 46	OKLA CITY OK 73119	6810896
BOWEN, THOMAS	W5UOM 1005 PATTERSON DR	SHAWNEE OK 74801	2738453	CRONWELL, W.T.	K5GFI 2546 CYPRESS	HIGHWAY OK 73069	3290095
BOWER, CARL	K5OOD 107 E PULASKI	OKLA CITY OK 73132	9427739	CUCKY, JAMES	W5OYU 6045 SW 22	OKLA CITY OK 73128	6825165
BOWERS, DON	K5JSH 8200 NM 87	OKLA CITY OK 73107	9427738	CURTIS, DOYLE	W5SCH 525 SW 102	OKLA CITY OK 73139	
BOWERS, DR. DON	W5ATO 4028 NM 10	HARMON OK 73832	9392475	DAILY, DAVE	K5SAH 1145 NE 22 ST	MOORE OK 73160	7946470
BOWMAN, ARNITA	KASMPH RT 1 BOX 57	MOORELAND OK 73852	9945381	DANIELS, PAUL	W5CIN 305 SE 24	PARIS TX 75460	7851178
BOWMAN, GERALD	N5CCV PO BOX 356	FT SUPPLY OK 73841	7663581	DAVENPORT, LEON	W5BDA 1037 SW BIRLEY	OKLA CITY OK 73109	6346514
BRADBURY, CARL	W5EOP RT 1 BOX 96	OKLA CITY OK 73132	7226880	DAVIS, DONALD W	W5LXB 3709 SPRINGLAKA DR	OKLA CITY OK 73111	4278386
BRADLEY, BETTY	KASDBY 3208 ROCK HOLLOW RD	YUKON OK 73099	3732824	DAVIS, GENE	W5EON 324 N YOUNG	BILLINGS OK 74630	7253496
BRAGG, RON	W5SHST 11104 NM 115	OKLA CITY OK 73125	6864308	DAWSON, JAMES	W5SPH 1005 PINE OAK DRIVE	EDMOND OK 73034	3416287
BRAGG, RONALD	W5SHST BOX 25082	NORMAN OK 73069	3215081	DAWSON, RAY	K5SAC 7308 LANCET LANE	OKLA CITY OK 73120	8431767
BRANDT, LINDA	KASFBG 132 WESTCHESTER AVE	HANGUM OK 73554	7823073	DAWSON, RAYMOND	K5SAC 7308 LANCET LN	OKLA CITY OK 73116	8431767
BRATTON, BOB	NSAIP 129 EAST CLEVELAND	OKLA CITY OK 73159	6850488	DAY, COY	W5OF RT 2 BOX 1630	GRASSO OK 74055	
BRAY, HAROLD	W5ZKJ 1309 SW 67	CHOCTAW OK 73020	3908126	DAYS, PAUL	W5LLO 1525 GLENWOOD	MOORE OK 73160	7998180
BREWER, LARRY	K5VVD 14695 S E 23	MOORE OK 73160	7991193	DEL TORTO, JIM	K5ELL 239 CONJIDGE	PONCA CITY OK 74601	7621221
BRIDGEWATER, ODEEN	W5UTR 13 E WILLIAMS DR	MOORE OK 73160	7940406	DEL TORTO, RANDY	W5SAC PO BOX 755	DALE OK 74838	
BRODIE, BILL	K5TOY 2537 EDGEWOOD DR	OKLA CITY OK 73113	7516781	DEL TORTO, RANDY	W5BAC 733 CITY AVE	MOORE OK 73160	7931361
BRODY, MARTIN	KASJUU BOX 14662	DEL CITY OK 73115	6729185	DEMARD, BILL	K5SKA 2317 NM 121	OKLA CITY OK 73120	7515137
BROPHY, GERALD	K5GCP 4013 VICKIE DR	NORMAN OK 73069	3290262	DENNIS, DWIGHT	W5SKH 709 E SUTHERLAND	ALTUS OK 73521	4824649
BROUDY, JEROME	W5NCJ 1920 WESTEROCKE TERR	OKLA CITY OK 73122	9472836	DENWALT, PAUL	K5CAT 3144 LONGRIDGE	DEL CITY OK 73115	6771092
BROWN, DOUG	W5SKAK 5813 NM 31	CROWELL TX 79227	6841726	DESTOLINSKI, LOUIS	W5H203 CRUCE	NORMAN OK 73069	3213344
BROWN, J.D.	W5MCS BOX 730	RUSH SPRINGS OK 73082		DICKENSON, ANGEL	W5H203 12610 E MAPLE BOX 25	COLDWATER KS 67029	
BROWN, MARK	W5SYTO 510 E BLAKELY			DIEHL, DALE	K5HUF 3912 NM 59TH	OKLA CITY OK 73112	9435438
				DILLARD, LARRY	W5SCH 308 WOODHOLLOW TRAIL	EDMOND OK 73034	
				DINSMORE, BOB	W5OET 6612 NM 26	BETHANY OK 73008	4955939
				DIRICKSON, DOROTHY	W5ELC 2201 SW 49	OKLA CITY OK 73119	6850725
				DIXON, EARL	W5ITH 101 E 10	WENONA OK 74884	2575584
				DOLLMEYER, CLARENCE	W5R2229 HARRINGRISD LAKEWOOD OK 73034		3417163
				DONOVAN, DONALD	W5OKJ 2524 MURRAY DR	HIGHEST CITY OK 73110	7377120

DORON, DR. CAROLKAONEK RT 2/6EN2
DORON, DR. STUARTKOD RT 2/6EN2
DOUGLAS, VERNON K9JTH 2121 SW 34
DONDY, DAVID KASAF 11 PIN OAK ST
DRUMELLER, CARL W5JJ 5824 NW 58TH
DRUMELLER, MAJ C.C.W5KVC7 WENTWORTH PL
DUCK, DONALD AESN 3913 SW 24
DUER, WES W4ZSL BOX 591
DUFFER, JAMES WD4AIR 10209 HOLLYHEAD WAY
DUNN, BOB KC5IH 7729 NW 26
DUNNHOOD, AUSTINKSJC 516 S CEDAR
DUNNHOOD, ROSS WBSKZ 516 S CEDAR
EASON, KENNETH K5WVZ 7132 NW 21
EDLUND, ROBERT W5DS ROUTE 2 BOX CS-36
EDWARDS, ED KASAF 508 S PARK
EGLE, DAVIS KASGBV 2735 POPLAR LANE
ELB, BOB WBSWJW 1042 LESLIE LANE
ELFERS, O.C. W5OUV RFD 2 BOX 20
ELIAS, RAFAEL CP1GH 5217 NW 115
ELLIS, DANIEL KASLPC RT 4 BOX 778
ELLIS, LARRY KOCTO RR 1
EMBRY, WOODY W5VAU 916 W BROOKS
ENG, CLARENCE K5BJJ 7900 NW 14
ENGEBRECHT, BETTYKASJLA RT 2
ENGEBRECHT, EDGARW5EGB ROUTE 2
ENGLISH, ART W5PTM 9604 NE 10
ESADOORAH, KEN N5BEW PO BOX 613
FAIRCHILD, BURT KASMC 9901 S ROSS AVE
FARRELL, A.E. K5EEN 4324 SE 16
FEDDERSEN, JOHN KASHRH 12023 ASHFORD DR
FERGUSON, DAVID K5SXJ 121 E PERRYLANE
FERRELL, LOUIS W5OGL 2823 CHEYENNE
FERRIS, DAVE W51OC RT 4 BOX 43
FIELDS, FRANK K5OQJ RR 2 BOX 239
FIELDS, KENNETH K5VFN BOX 435
FIELDS, ROBERT N5ALG 10101 MORNING GLORY D
FISH, JOHN K5GBN BOX 176
FISH, MARGARET W5SLP BOX 176
FISHER, DONALD W5SKB RT 1 BOX 140
FISHER, LU K5SDI 2317 PARK LAND RD
FISHER, MONTIE W5TSL BOX 19607
FITZGERALD, C.K.W5ZKY 2530 NW 56
FLATTERY, BILL K5ART 227 ELM DR
FLETCHER, JAMES W5MFA RT 1 BOX 319
FOILES, DELBERT W5SYN 1703 RICHWAY
FORD, GERRY KASKAG 402 - 15TH
FORD, KEN W5KHJ 1918 NW 22
FORD, ROD W5OVT PO BOX 253
FORREST, LEE W5HLZ 6208 SE 8
FOSTER, ELLARD W5KE 5905 NW 42
FRANKS, KEN W5HPL BOX 1159
FRAMPTON III, OTISW5UIY1015 MARSHALL AVE
FRANKLIN, GLEN K5LDL 512 S MACOMB
FRASER, JOHN W5ZIT 1206 NW 80
FREELAND, ROYDENW5KDC 2920 MORGAN RD NE
FRIEDHOF, SAM W5BXT BOX 10
FULTZ, WALTER K5FIT 216 MYRTLE DR
GALBRAITH, MARK N5EIH BOX 45651
GALWAY, JOHN K5HJTE 4904 S FAIRMONT AVE
GARD, BEN W5TFX RT 1 BOX 234
GARD, JEFF W5SCN RT 1 BOX 234
GARD, PAT W5TFY RT 1 BOX 234
GARDNER, TOM K5KIV RT 5 BOX 155
GARLAND, JOE W5FLT BOX 204
GEORGE, PRESTON K5CBA 1812 S. RANKIN
GERBER, SID W5K0Z 829 EAST BOUSE
GIBSON, DAVID K5SJ 413 QUAIL RIDGE RD
GILBERTSON, HAROLDW5RB 4515 S SANTA FE 84
GILLIAM, BETTY W5PMG 1400 ADAMS
GILLILAND, SHIRLYN5DLU 96JL8
GILLILAND, WILLIAMK5RHH96JL8
GILMER, RALPH W5GBV BOX 357
GLASS, GEORGE W5ZRU 13422 ROKA CIR.
GODDARD, KEN W5DTL 1021 N TABOR DR
GOFF, BRUCE K5C0R 2413 NW 113
GOODHEAD, ROBERTW5CZN 11017 ST CHARLES
GOULDEN JR, DARRELLW5VRE1107 FOREMAN RD NE
GOVER, SAM W5WHD 5400 S LEE
GRAFFING, ARTHUR K5SNC 10329 GLASCON DR
GRAHAM, DON W5TAN 4715 CHURCHILL DOWNS
GRAHAM, ROBERT W5NSV 3317 SE 24
GRANES, WALT K5IDB 1024 E MAIN
GREEN, JOE KASAX 915 THISTLEWOOD
GREENE, CHARLES W5JGU 3028 NW 33
GREENE, ROBERT W5LBK 2711 JEWELL DR
GREENSHIELDS, JAMESW5NPU319 WOODCREST DR
GREENSHIELDS, JIMW5HPU319 WOODCREST DR
GREGG, EARL N5AME 1732 NW 35
GRIFFIN, CLINT W5ZTG 2313 MICKEY ROAD
GRIFFIN, LARRY W5NYX 306 E KEY BLVD
GRIFFITH, JAMES W5ITV 903 PATRICIA DR
GRIFFITH, JOHN W5UOY RT 2 BOX 686
GRIGGS, WILLIAM N5CJH 504 E ST. LOUIS

TUTTLE OK 73089
TUTTLE OK 73089
OKLA CITY OK 73119 6344195
GUTHRIE OK 73044 2820556
OKLA CITY OK 73122 7893788
HAMPTON VA 23666
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OKARCHE OK 73762 2634411
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MUSTANG OK 73064
WOODWARD OK 73801 2562610
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MCLOUD OK 74851 3915304
NORMAN OK 73071 3277391
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CALUMET OK 73014 8932227
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ALTUS OK 73521 4821155
NEWCASTLE OK 73065 3874356
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ST PAUL PARK MN 55071
EL RENO OK 73036 2623573
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KAM OK 74641
TECUMSEH OK 74873 5983984
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ALTUS OK 73521 4827494
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HANSUM OK 73554 7822617
NEWALLA OK 74857
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OKLA CITY OK 73118 5252870
DEL CITY OK 73115 6771758
HIDWEST CITY OK 73110 7338110
TECUMSEH OK 74873 5983846
PONCA CITY OK 74601 7629096
WETUMKA OK 74883 4523408

GRINES, LEROY K5SRJ 2707 GRINES AVE
GRINES, MARY W5UCJ 2707 GRINES AVE
GROTHE, LARRY W5PVE 7800 NW 26
GUERRA, STEVE W5LCH 5100 EDGECLIFF
GUSONE, CHARLESW5N 5320 NW 114
GUYER, HAROLD K5LWY 628 N DALLAS
HAGARD, LEO N5DZO 1625 MEADOWBROOK
HAINES, YENDALL K5KIK 5369 HITCHEL AVE
HALE, JUNE K5LUF 3104 N MARKWELL
HALL, A.E. W5RUP 2508 NW 58 PLACE
HALL, PHIL K5SJJ RT 2 BOX 1441
HALL, O.E. W5S0C RT 2 BOX 238
HALLMARK, C.L. W5ZJH 121 ELMWOOD
HANSON, HAROLD W5LPV 937 NW 104
HANSTEIN, LEONARDW5H 5927 NW 45
HARAZDA, JOHN N5AZO 1905 JAWNEEN
HARDIN, LARRY W5BTO 5708 NW 36
HARDING, JOE W5ZHF 1020 ARTHUR DR
HARDY, HAROLD W5R0B 943 CHAUTAUKA
HARGROVE, LOYD A5S1 6112 SE 10
HARMON, JAMES W5DZY 3224 N RIDGEWOOD DR
HARRIS, EUGENE W5AEF 4901 NW 15
HARRIS, JOHN W5SLF 1900 SHOKEY HOLLOW RD
HARRIS, SHERWOODW5TXG 1216 N LEE
HARRIS, TRAVIS K5DZY 3840 NW 31ST
HARRISON, ROD W5D0H 6609 N MACARTHUR TERR
HARROLD, GARY W5TED 404 W GREENWOOD
HARTER, DAVE W5HIF 1628 W MAIN
HATCHETT, WINGELW5PLH PO BOX 11
HATHCOCK, RON K5EHR 10300 N BROADWAY
HAYES, DON W5NRD 508 MOCKINGBIRD N
HAYTON JR, THOMASW5RF RT 1 BOX 145
HAZELWOOD, CHESTERW5GLT 4 BOX 608
HAZELWOOD, LARRYW5NLS BOX 54925
HAZELWOOD, LARRYW5NLS 700 NW 48
HEATH, CLOYCE N5BHE 420 S MAIN
HEFNER, REX W5HCP RT 2 QUARTZ MTH LODG
HENDERSON, BELINDAW5H12332 NW 112 TERR
HENDERSON, LEN W5DLH RT 2 BOX 272
HENSON, RON W5TUU RT 2
HEPBRON, CLARENCEW5KJ 3417A BELT AVE
HESSE, LEROY K5JBJ 3212 NW 66
HICKEY, H.R. W5DHYT 1181 SE 44
HILL, WALTER W5H0T 4309 N WHEELER
HINES, WILLARD W5R0U RT 2 BOX 478
HORN, LARVERNE K5OK 191 JUNIPER DR
HODGES, FIMA LOUW5E90 BOX 67
HODGES, SONNY N5AKH BOX 67
HOFF, J. LESLIE K5WYE 110 SW 49
HOGUE, A.L. W5JL 4145 NW 51 TERR
HOFENSTEIN, LYLEW5S0Y 204 N EASTERN
HOLCOMB, HOLLIS W5ABL 204 S CAGLE
HOLTER, DAVID K5SCH 7412 NW 23
HOLDER, JOHN W5OOC 532 SILVER MEADOW
HOLTING, MAURICEW5AM 2736 SW 53
HOLLAR, DAVID K5FNO 716 N 4TH ST
HOLLAR, LEONARD W5FSN 710 S 10
HOLLAR, SUSAN K5F0C 316 N 4TH
HOLLEY, WAREFELW5H02524 NW 34
HOLTON, HERBERT W5T0Z RT 4 BOX 526
HOLZMAN, TONY W5PMH RT 2 BOX 326
HOOD, MELVIN W5WNO RT 1 SW-9
HOYTINS, JIM W5BFD 3008 NW 24
HORN, RANDE W5CXG 2207 S 11 ST.
HORNWITZ, CARL W5S0K 1801 LOGAN DRIVE
HOUSTON, DOYLE W5Y00 2321 CHERRY
HOWARD, PETE W5T0B 1521 LESLIE LANE
HOWELL, FRED W5W0S 3901 ROSEWOOD DR
HUBBARD, BILL W5H0R 3304 NE 36
HUCKABY, JOHN K5OOR 5503 S SUNNYLANE 87
HULSE, BILL W5HJ 7933 N TROOST
HUMPHREYS, BILL W5JYT 921 NW 87
HUNSEBERGER, PHILLIPW5FNT265 CEDAR AVE
HUTTENAN, WAYNE K5D0C 11921 O'CASEY
HUSTAK, JOE W5ZNO 6821 NW 27
HUTCHERSON, STEVENW5CTS80X 20829
HYATT, JOE W5S0K 914 S MAIN
HYATT, MARY ANN W5WNE 914 S MAIN
HYDE, PERRY K5LRS 2008 OAK
IMAN, JACK W5S0V 1025 SE 42
IRICK, FRANKLIN W5H0C 2601 ELMHURST
IRWIN, HERMAN W5NH 4345 SE 12
ISRAEL, HENRY W5IH 10301 BASSWOOD CANYON
IVERS, JOHN W5TFR PO BOX 622
JACKSON, MARGARETW5POX RT. 1 BOX 2148
JAKUBOWSKI, AL K5YPK RT 2 BOX 2
JAMES, BOB K5FW 2104 N MARKWELL AVE
JANKA, RAY W5REY 2708 WINDSOR BLVD
JAY, CHARLES W5DAR 6217 SE 9
JESSUP, BILL W5DZY 11824 AZALEA CT
JESSUP, ED W5R0N 11824 AZALEA CT
JESSUP, N.P. W5EHR 11824 AZALEA CT
JOHNSON, BILL W5B0J 4205 NW 33

EL RENO OK 73036 2621186
EL RENO OK 73036 2621186
BETHANY OK 73008 7897278
WICHITA FALLS TX 76302
OKLA CITY OK 73132 7223190
MOORE OK 73160 7947398
PONCA CITY OK 74601
TINKER AFB OK 73145 6729580
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MUSTANG OK 73064
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WETUMKA OK 74883 4525153
LONEWOLF OK 73455
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SPENCER OK 73084 7695348
HUGO OK 74743 3265418
ST LOUIS MO 63120
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BETHANY OK 73008 7893793
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FREEHOLD NJ 7728
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WEATHERFORD OK 73096 7727104
KINGFISHER OK 73750 3754411
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TECUMSEH OK 74873 5985294
CHOCTAW OK 73020 3913398
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CHICKASHA OK 73019 2240949
NORMAN OK 73069 3601819
WOODWARD OK 73801 2567683
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HIDWEST CITY OK 73110 7331341
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KANSAS CITY KS 64118
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ALTUS AFB OK 73521 4823017
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KINGFISHER OK 73750 3753783
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ANDREWS TX 79714
LEXINGTON OK 73051
HARRAH OK 73045 4542919
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HIDWEST CITY OK 73110 7326275
PIEDMONT OK 73078 3648761
PIEDMONT OK 73078 3648761
PIEDMONT OK 73078 3648761
OKLA CITY OK 73112 9467753

JOHNSON, GENE K. W5GTC 1632 VINE ST	NORMAN OK 73069	3216759	HASCHINO, GEORGE K5GGL RT 2 BOX 4	OKARCHE OK 73762	2637614
JOHNSON, KEVIN W5GTH 1632 VINE ST	NORMAN OK 73069	3216759	HAULDIN, TIM W5LTH 3033 SW 60	OKLA CITY OK 73159	
JOHNSON, LLOYD K5SIFX 632 S W 104 PL.	OKLA CITY OK 73139	7946125	HAUPIN, CHARLES W5HSH 2124 SW 69	OKLA CITY OK 73159	6856768
JOHNSON, TOM K5FJU 1702 FEDDERSON DR	EL RENO OK 73036	2625631	HAUPIN, DOUG W5SE6Z 618 9TH	WOODWARD OK 73801	2565442
JOHNSTON, GORDON W5BKH 7213 CROWNPOINT RD	OKLA CITY OK 73132	7219336	HAY, BOB W5ARC 1208 NW 122	OKLA CITY OK 73114	7512048
JOHNSTON, VICTOR K5KIX BOX 26384	OKLA CITY OK 73126	9642482	HAYNOR, BILL W5OCX 2717 NW 110	OKLA CITY OK 73120	7551122
JONES, BILL W5LTJ 12629 TEAKWOOD	EDMOND OK 73034	7713198	HCCALIP, RON K5SCAY RT 6 BOX 41	SHAWNEE OK 74801	2735974
JONES, DON K5URP 3444 SW 39	OKLA CITY OK 73119	6852380	HCCARTY, ROSS K5SNYU 11824 LARKDALE DR.	YUKON OK 73099	3245127
JONES, GORDON W5OU BOX 73	NORMAN OK 73070	3296075	HCCURIG, O.G. W5MZN 309 TIM HOLT DR	HARRAH OK 73045	4542381
JONES, JAMES L. K5PER 1021 SW 41	OKLA CITY OK 73139	6345253	HCCOLLOM, FRANK W5FM 2421 NW 118	OKLA CITY OK 73120	7513577
JONES, PERRY W5NGZ 711 N 5TH ST	WEATHERFORD OK 73096	7726063	HCCORMICK, GARY W5ETV 5012 NW 25	OKLA CITY OK 73127	9462898
JONES, ROBERT W5AGH 5120 OAK MANOR DR	OKLA CITY OK 73135	6725217	HCCORMICK, MARTIN W5AGI 3401 BAIRD DRIVE	EDMOND OK 73034	3410096
JUMP, RODNEY W5VOG 8709 S LINN AVE	OKLA CITY OK 73159	6817350	HCCONN, CHARLES W5UUX 226 HINDOGA DR	NORMAN OK 73069	3211061
KALEY, ORVILLE W5FUE 907 E DUKE ST	HUGO OK 74743	3263640	HCCOY, BOB W5BLU 421 HOLLY HILL RD	EDMOND OK 73034	3482032
KARHU, EDWIN W5KHJ 2725 NW 65	OKLA CITY OK 73116		HCCDANIEL, TOMMY W5NNH 12 CHICKASAW	SHAWNEE OK 74801	2734125
KARIMI, HOSS W5ZAI BOX 13194	OKLAHOMA NE 68113		HCCDONALD, JOE W5CCV 425 W MONROE	MANGUM OK 73554	7823454
KRAUFFMAN, KEITH K5SYH 716 WESTRIDGE TERR	NORMAN OK 73069	3507515	HCCDOWN, DON W5NPR 305 W PRATT	MIDWEST CITY OK 73110	7326749
KEARNS, JIM W5LFN 11312 WILLOW GROVE RD	OKLA CITY OK 73120	9475646	HCCELHANY, HOWARD W5FIN 701 S JENKINS	NORMAN OK 73069	3212109
KEETON, BURL K5ADE 7144 WOODRIDGE	OKLA CITY OK 73132	7224781	HCCELROY, MICHAEL W5SPH 5509 NW 66	OKLA CITY OK 73132	7222466
KELLEY, LOUIS K5OZO 5013 NW 19 TERR	OKLA CITY OK 73127	9420955	HCCENDREE, DEANNA W5SUN 812 N WILLARD	ALTUS OK 73521	4826777
KELLEY, ROBERT W5VJU 3400 BROCK DR	OKLA CITY OK 73119	6328433	HCCINNIS, A.L. W5NCR RT 2 BOX 161	CROMELL TX 79227	6552463
KELLY, JOE W5LFK 300 W MAIN ST	MOORE OK 73160		HCCINTY, REV JOHN K5SHI PO BOX 32180	OKLA CITY OK 73132	7215651
KENDRICK, KEN W5ECJ BOX 20567	OKLA CITY OK 73156	7514917	HCCLYNN, SUE W5CIT 8741 ROXBURY	OKLA CITY OK 73132	7223407
KENNER, CHARLES W5AFL 616 KESWICK CIRCLE	CHESAPEAKE VA 23320		HCCKENZIE, JESS W5FSY 2632 TRENTON	NORMAN OK 73069	3291543
KENNEDY, STEWARD C. K5JHI 1109 S 15 ST	CHICKASHA OK 73018	2244362	HCCKIN, WILLIAM W5MAY 604 N JUNIPER AVE	MIDWEST CITY OK 73130	
KENNEDY, WILLIE W5UCH RT 1 BOX 454	NORLE OK 73068	3290914	HCCKISSACK, H.R. W5SIB 4334 NW 53	OKLA CITY OK 73112	9476351
KENNEY, HERBERT W5ND 2909 LANSLOWNE LN	OKLA CITY OK 73120	8426535	HCCLAUGHLIN, JOHN W5SDA 1305 N ANITA PL	OKLA CITY OK 73127	4952728
KERR, JAMES W5SSIK 4109 NW 31ST	OKLA CITY OK 73112	9477098	HCCMASTER, DOUG K5BSW 9504 WILLOW WIND DR	MIDWEST CITY OK 73130	7323990
KERR, VIRGIL W5LIL 5909 NW 45	OKLA CITY OK 73122	7895834	HCCNEELY, T.J. W5JUB 5805 NW 31	OKLA CITY OK 73122	
KEUN, LARRY W5LTI 7700 NW 27	BETHANY OK 73008	7896097	HCCRAY, WALLACE W5LBN PO BOX 151	SEMINOLE OK 74868	3825221
KIDG, EDWARD K5AOY 10824 GREYSTONE	OKLA CITY OK 73120	7515094	HCCWORTER, PERRY W5SUR 3418 NW 29	OKLA CITY OK 73107	9461532
KIDD, JENNA K5SDU 10824 GREYSTONE	OKLA CITY OK 73120	7515094	HCCAD, PAUL W5TGG 1515 NW 45	OKLA CITY OK 73118	
KING, CHARLES W5KVK 4609 NW 56	OKLA CITY OK 73122	7894836	HCCEXS, OLIVER W5OGC BOX 236	SNYDER OK 73566	5692709
KING, RAY W5LTH 1404 SHERRY LANE	SHAWNEE OK 74801	2735215	HCCENG, GLORIA W5SPX 24 COMANCHE CIR	SHAWNEE OK 74801	2732787
KIRBY, NATHAN K5IMN BOX 355	SANDOWN NH 3873		HCCMEYERS, P.E. W5MIZ BOX R	SAN GABRIEL CA 91778	
KIRKLAND, R.A. W5SHM RT 1 WFOUST	BLUEJACKET OK 74333	5401228	HCCMICHAEL, FORD W5AIP 833 S FLOOD	NORMAN OK 73069	3214301
KIRKPLE, G.K. W5ONV 308 W JARMAN	MIDWEST CITY OK 73110	7372962	HCCMLAVAC, JACK K5SHP BOX 25082	OKLA CITY OK 73125	6864753
KOLB, JOSEPH W5JEB BOX 268	KEENE OK 73763	8223511	HCCMILLER, IVAN W5HFU 4513 NW 31	OKLA CITY OK 73122	9424160
KOWAR, PAUL W5CDO 11780 E ROBIN DR	MIDWEST CITY OK 73130		HCCMILLER, MELVIN K5KYL 11 SENECA	SHAWNEE OK 74801	2738110
KRAMER, KLAUS K5NUP 2212 S.W. 29	OKLA CITY OK 73119	6317223	HCCMILLER, RAY W5REC 1817 E ASH	ENID OK 73701	
KRUMME, JEFF K5CFM BOX 765 119 S CREEK	HOLDENVILLE OK 74848	3792691	HCCMILLS, ROY W5OXY PO BOX 10506	MIDWEST CITY OK 73140	
LADD, JAY W5SCPA BOX 116	MUTUAL OK 73853	9224682	HCCHOFFATT, LOUIS K5JLJ 210 N 6	PONCA CITY OK 74801	7622656
LADD, RICK W5SBOZ RT 1 BOX 142	VICI OK 73859	9954737	HCCHOLLEDAHL, JAMES K5SLS 320 SATURN	ALTUS OK 73521	6827938
LADD, VIRGINIA K5FYH RT 1 BOX 142	VICI OK 73859	9954737	HCCMOONEY, JOHN K5JCX 113 S ENGLISH	MOORE OK 73160	7948519
LADALY, GEORGE W5NTL 7920 NW 18	OKLA CITY OK 73127	7894073	HCCMOONEY, LARRY W5SPY 4212 BUTTOWNWOOD RD	FT WORTH TX 76133	
LAND, DAVID K5XL 2512 BONNIE	PONCA CITY OK 74801	7628616	HCCMOORE, BILL K5HTF BOX 26812	OKLA CITY OK 73126	
LANGER, LARRY W5ZKV 4816 NW 34	OKLA CITY OK 73122	9423733	HCCMOORE, BOB K5ETA 2812 SW 53	OKLA CITY OK 73119	6856010
LANKLEY, DAVID K5NC RT 1 BOX 571-7	CONOVER NC 28613		HCCMOORE, EDD W5GLC 312 JACKSON	PURCELL OK 73080	5273714
LANGSTON, JACK K5OFM 5724 NW 36	OKLA CITY OK 73122	9463863	HCCMOORE, GEORGE K5JHZ 1219 COLORADO	CHICKASHA OK 73018	2243861
LANKFORD, CRAIG W5SBOZ 4201 N GEORGETA	OKLA CITY OK 73118	5219795	HCCMOORE, H.J. K5BSY RR 1	WILLOW OK 73673	
LASH, LEE W5VZY 1403 N PURDUE	OKLA CITY OK 73127	9420177	HCCMOORE, ROBERT W5VBE 6901 N BARR	OKLA CITY OK 73132	7216142
LATHAM, DON W5OWH 442 E MOHR LANE	MUSTANG OK 73064	3763895	HCCMOORE, ROBERT K5SOD 2721 MERIDIAN PL	OKLA CITY OK 73127	9465713
LAWSON, BART W5NIX BOX 381	MOORELAND OK 73852	9945940	HCCMOORE, RON W5DEN 2225 RED ELM DR	EDMOND OK 73034	4780049
LAWSON, JIM W5STN RT 14 BOX 162	MOORE OK 73165	7946873	HCCMOORE, TOM K5ZXE 201 S. ELIZABETH	PAULS VALLEY OK 73075	2387295
LEATHERS, MIKE W5KFL 2229 MAPLE DR	MIDWEST CITY OK 73110	7327909	HCCMORGAN, SAM W5ZDY 500 E KERR	MIDWEST CITY OK 73110	7325970
LEE, GEORGE W5BNW 2410 NW 34	OKLA CITY OK 73112	9462754	HCCMORRIS, DON W5THN 2805 NW 22	OKLA CITY OK 73107	9427306
LEE, JOHN W5CCD RR 4 BOX 55	ARKANSAS CITY KS 67005		HCCMORRIS, GLENN K5MVM 305 E RICKENBACKER DR	MIDWEST CITY OK 73110	7375981
LEIBMAN, J.G. K5JL 2224 MORGAN RD NE	PIEDMONT OK 73078	3733758	HCCMORRISON, FRANKLIN W5JAY 1201 NW 107	OKLA CITY OK 73114	7517739
LEITCH, ROBERT W5TSK RT 2 BOX 432	WENOKA OK 74804	2572748	HCCMORSE, P.E. W5SVX 3809 NW 69 TERR	OKLA CITY OK 73116	
LEONATIS, AL W5UFB BOX 50074	MIDWEST CITY OK 73140	3240783	HCCMULINS, LARRY K5FEX 3509 PAMTEE	WOODWARD OK 73801	2563273
LESTER, MARY W5BOG 3001 GNAUL CREEK RD	OKLA CITY OK 73120		HCCMURTA, ED W5OYW 3100 NW GRAND BLVD	OKLA CITY OK 73116	8425444
LEWAND, MARC K5STT 7300 NW 19	BETHANY OK 73008	7876126	HCCMURTA, EDWARD K5LIL 4408 NW 47	OKLA CITY OK 73112	9469200
LEWIS, DON K5CTJ 928 KELLI DR	WATONGA OK 73772	6234551	HCCMUSE, JACK W5SZK 10100 S SHARTEL DR	OKLA CITY OK 73139	6911152
LEXIS, JOHN W5SJP RT 14 BOX 45	MOORE OK 73165	7943953	HCCMUSSEY, DENNIS K5SOT 319 NW 26	OKLA CITY OK 73103	5244760
LIEBHMAN, GUY K5GL 3128 LAKEVIEW MANOR D	BETHANY OK 73008	7879547	HCCNEIDEN, KAY K5IB 317 N AZALEA	BOOKER TX 79005	
LINGLE, WILLIAM W5SFM 3105 NW 39 TERR	OKLA CITY OK 73112	9432792	HCCNELSEN, JOE K5TJD 11705 N LEE	OKLA CITY OK 73114	7550544
LIPP, JAMES K5SYE 1501 OAKHILL LANE	OKLA CITY OK 73127	7895677	HCCNELSON, CLYDE W5SHR 1104 SW 65	OKLA CITY OK 73139	6346079
LISMAN, STAN W5SHF 1213 MARY LEE LANE	EDMOND OK 73034	3418166	HCCNELSON, DAVID W5SMT RT 3 BOX 155	TUTTLE OK 73089	3813057
LOCKE, C.E. K5SOD 309 NW 85	OKLA CITY OK 73114	8420814	HCCNELSON, JOHN W5AVK 2001 TEXAS ST	NORMAN OK 73071	3218566
LOELIGER, DONALD W5NHN 6320 NW 85	OKLA CITY OK 73132	7213963	HCCNELSON, RICK W5OSY 1901 N MURRAY BLVD	COLORADO SPRINGS CO 80915	
LOFFLAND, JOHN W5SSH 1232 E LOUISIANA	NORMAN OK 73071	3641349	HCCNEPTUNE, KEN K5EFJ 2614 S BERRY	NORMAN OK 73069	3217789
LONG, RAY W5TY 3207 NW 47	OKLA CITY OK 73112	9424314	HCCNEWCOMB, TED W5WNG 11216 N BRAUER	OKLA CITY OK 73114	7512801
LONGLEY, ROSS W5ZNV 1506 GLENWOOD	MOORE OK 73160	7944607	HCCNEYER, LEO W5LOT 2617 LOST TRAIL RD	EDMOND OK 73034	3413390
LOVE, JERALD W5ARF 4517 SE 27	DEL CITY OK 73115	6771078	HCCNICHOLS, VESTAL ACSD 5002 N. BEAVER	BETHANY OK 73008	7892319
LOVE, LESTA W5AMI 4517 SE 27	DEL CITY OK 73115	6771078	HCCNICKEL, E.J. W5UD 1510 S RENO	EL RENO OK 73036	
LOVEGROVE, JACK W5VAE 4432 NW 11 TERR	OKLA CITY OK 73107	9462966	HCCNOLAND, BILL W5FMD 412 S 10TH	YUKON OK 73099	3545018
LUBER, WILLIS K5GXI 3229 SW 71	OKLA CITY OK 73159	6821713	HCCNORTH, CHARLES W5DPY 118 N OSAGE	PONCA CITY OK 74601	7658136
LYNCH, A.Y. K5YYI RT 2 BOX 220	EL RENO OK 73036	2623363	HCCNORTHCUTT, MARK W5DYI 1509 BARCLAY RD	OKLA CITY OK 73120	8421086
LYNCH, SCOTT W5FOS 8600 S SHIELDS	OKLA CITY OK 73149		HCCNORTHCUTT, W.H. W5SETB PO BOX 38	CEMENT OK 73017	
LYON, ROBERT K5AYL 4409 WOFFORD RD	DEL CITY OK 73115	6777200	HCCOLIVER, BERNARD W5BMD BOX 416	GOLD BEACH OR 97444	
MACARTHUR, ALLAN K5KTC BOX 1231	NORLE OK 73068	8728578	HCCOLIVER, BILL K5KDR 414 WESTCHESTER CIRCL	NORMAN OK 73069	3296333
MACDONALD, D.C. K5GKK 5120 SE 49	OKLA CITY OK 73135	6724947	HCCORCUTT, DENNIS W5SIN 3201 S RANKIN	EDMOND OK 73034	3400034
MACDONALD, JUDY K5SJS 5120 SE 49	OKLA CITY OK 73135	6724947	HCCORR, ELBRIGE W5KLR 1129 ROSEDALE	PONCA CITY OK 74601	7655130
MACHELVE, BILL W5SJJ 5908 N STERLING DR	OKLA CITY OK 73122	7215705	HCCOWENS, BOB W5TIN BOX 204	YUCAIPI CA 92399	
MADOLE, ROBERT W5POC 10149 SOUTHRIDGE DR	OKLA CITY OK 73159		HCCOWENS, JOHN W5ONL 1610 N OKLAHOMA	SHAWNEE OK 74801	2730848
MAGERS, DOUGLAS W5LHD 3109 NW 62	OKLA CITY OK 73112	8428571	HCCPACE, ROBERT L. W5SCJG 1726 W ROSE OAK DR.	MUSTANG OK 73064	3763569
MANGHAM, TOM K5LDI 3913 S MAPLE	OKLA CITY OK 73129	6775291	HCCPAGACH, STEVE W5IDCW 708 PARK RD	YUKON OK 73099	3548516
MANKIN, HAVEN K5SXH 425 NW 38	OKLA CITY OK 73118	5240004	HCCPAINTON, DENNIS W5ECH CHESTER STAR RT BOX 8	FAIRVIEW OK 73737	
MANKIN, MARY LOUKB5TH 2833 NW 115 PL	OKLA CITY OK 73120	7552121	HCCPARSONS, NATHAN K5EUT 1101 N NORMAN	MOORE OK 73160	7946135
MARCH, RAY W5SBN 12100 SW 89	MUSTANG OK 73064	3763165	HCCPATTERSON, DENNIS W5SCS 3000 NW 19	OKLA CITY OK 73127	4950769
MARCS, LARRY W5SUC 2008 MILLCREEK RD	EDMOND OK 73034	3487000	HCCPATTERSON, FREIDA K5FKZ 2624 HANKS TRAIL	WOODWARD OK 73801	
MARRINAN, HORACE W5AYO 312 WILDEWOOD TERR	OKLA CITY OK 73105	8428949	HCCPEARSON, ROBERT K5SEB 2425 QUEENSBURY	MOORE OK 73160	7994101
MARTIN, DONALD W5REA 7102 B MONICKLE	TINKER AFB OK 73145	7333074	HCCPEDERSEN, JOHN W5DKQ 143 STILL ACRES	STILLWATER OK 74074	3773909

PEERY, HUBERT	WSGYX 305 E 45	SHAWNEE OK 74801	2734598	SHAM, JOHN	WBSJDE BOX 310	BEAVER OK 73932	6253368
PEIL, LEO	KASDUO BOX 544	CANTON OK 73724	8862998	SHAN, ROBERT	WASBXX 908 ELMWOOD DR.	EDWARD OK 73034	3414763
PERKINS, ALAN	WDSNR 100 SPRUCE DR	YUKON OK 73099	3546520	SHEAFFER, CHARLES	WMSML 2336 NW 46TH	OKLA CITY OK 73112	9485062
PERKINS, JACK	KSESF 5013 ALAN LANE	OKLA CITY OK 73135	6720367	SHEARER, LYNN	WDSINZ 10508 GREYSTONE AVE	OKLA CITY OK 73120	7514500
PERKINS, NEL	WASKDZ 5701 NW 114	OKLA CITY OK 73132	7225841	SHELTON, CECIL	KSKC 1212 SW 92	OKLA CITY OK 73139	6913632
PERRY, JACK	WBSURH 3108 NW GRAND BLVD	OKLA CITY OK 73116	8425606	SHEPARD, TOM	WBSLO RT 5 BOX 156A	GUTHRIE OK 73044	3480447
PETERS, RAY	WBSBTI 208 N JACKSON	MIDWEST CITY OK 73130	7326498	SHERA, PHILLIP	WBSHV PO BOX 7011	MOORE OK 73153	7992051
PETIT, ALVA	KASIDG RT 6 BOX 621	SHAWNEE OK 74801	2735195	SHERER, BILL	WBSMXC 4105 NW 62	OKLA CITY OK 73112	9421617
PIKES, JIM	KSYZK 2901 APACHE	WOODWARD OK 73901	2542319	SHERILL, PAT	WSPS 3721 NW 27	OKLA CITY OK 73107	9433219
PHILIPS, VERNON	WBYND 3821 SW 27	OKLA CITY OK 73108	6816861	SHIDLER, JIM	WBSYNO 1715 HILLSIDE	STILLWATER OK 74074	3770498
PHILLIPS, JIMMIE	WDSISL 2948 HILLCREST DR	MOORE OK 73160	7941490	SHIDELL, GARY	WBSJJK 328 MOHR LANE	MUSTANG OK 73064	3762832
PHILLIPS, LEON	WNAZP RT 2 BOX 270	MOOCLOUD OK 74851		SHOCKLEY, RALPH	WBNMCH 912 S CAIN	LIBERAL KS 67901	
PHILLIPS, MARY	WDSFIJ RT 2 BOX 270	MOOCLOUD OK 74851		SHONAKE, TERRY	WNAJE BX 73 200 HARRISON	PIEDMONT OK 73078	3732474
PICKENS, FRANK	WNSCR 3817 WINIFRED DR	FT WORTH TX 76133	2921279	SHULTISE, OUTDO	KSOJ 1519 24TH	WOODWARD OK 73801	2543269
PLUNK, HAROLD	KSGBF 2801 CAMELOT DR	OKLA CITY OK 73120		SIXES, ROBERT	WSDCK 12254 HILLMAN DR	LAKE PARK FL 33410	
POSSENRIEDE, BERNIE	WVKY9309 BROOKRIDGE	OKLA CITY OK 73132	7210720	SIXMS, LOREN	WNSCBF 209 WOCKINGBIRD DR N.	ALTUS OK 73521	4770921
PRINCE, ALFRED	ADSU BOX 32573	OKLA CITY OK 73123		SINGLETARY, BOB	WNSCH 2830 NW 22	OKLA CITY OK 73107	9466840
PROCKE, MARSH	WASUBO RT 2 BOX 144	BLACKWELL OK 74631	3632526	SIRILO, TOM	WSPZH 1114 TEAKWOOD	YUKON OK 73099	3543790
PULLIAM, FOY	WBSGLL 8006 NW 80	OKLA CITY OK 73132	7222076	SISLEY, HARRY	WBSHSH BOX 113	CARNEY OK 74832	9652660
QUIGLEY, BOB	KBSRS 1205 E CHANDLER	SHAWNEE OK 74801	2754190	SITTEL, CLARENCE	WNSYAO 2633 NW 45	OKLA CITY OK 73112	9474015
QUITTER, WALT	WNCB 367 BUCKINGHAM DR	STEPHENS CITY VA 22655		SJOBERG, RICHARD	WNSWXH 3844 RIVERSIDE DR	BETHANY OK 73008	7893476
RADER, JERRY	WNUCH 3121 NW 68	OKLA CITY OK 73116	8439236	SKAGGS, GARY	WBSULK 1048 NW 1	MOORE OK 73160	7996727
RAHAGE, JOE	WBSSTH 4401 S AGNEW	OKLA CITY OK 73119	6854814	SKILLERN, GRADY	WBSNAG RR 3 BOX 663	PONCA CITY OK 74601	7653411
RAUSCHER, AL	KSCXP 3308 PLEASANT DR	MIDWEST CITY OK 73110	7326357	SMITH, ASA	WBSVBY BOX 196	HARRAH OK 73045	
RAUDON, GLENN	WDSFVI 1133 WOODS	NORMAN OK 73069	3642897	SMITH, BOB	WASZAR 1409 LINCOLN	ALTUS OK 73521	4826268
RAY, R. L.	WOODD 13 E JANICE # 102	YUKON OK 73099	3546241	SMITH, CHARLES	WBSNUS 313 MERCURY	ALTUS OK 73521	4771098
REA, RALPH	W5AA 2213 SW 69	OKLA CITY OK 73159	6850888	SMITH, CLYDE	WSDI 207 S ROBERSON	WINGUM OK 73554	
REAL, RON	WNSCIG BOX 216	WELLSTON OK 74881	3562393	SMITH, GREGORY	WASLZN 8282 E 33 PL	TULSA OK 74145	3252418
RECER, KAREN	WBSMBX 2408 W BIG CEDAR AVE	EDMOND OK 73034	3417030	SMITH, ROBERT	WASBER PO BOX 574	NOBLE OK 73068	8723629
RECER, RON	KESH 2408 W BIG CEDAR AVE	EDMOND OK 73034	3417030	SMITH, WAYNE	WNSFEI 1312 SW 81	OKLA CITY OK 73159	6857450
REID, BILL	WNSDFH RT 1 BOX 166	MOORELAND OK 73852	9942336	SNEED, JOHN	WBSLER 4017 LEONHARDT DR	DEL CITY OK 73115	6773404
REID, DONNA	WNSDFG RT 1 BOX 166	MOORELAND OK 73852	9942336	SOMERS, CHARLIE	WBSGZU 2313 MARKWELL PL	OKLA CITY OK 73127	7871980
REUSSER, LARRY	K50YM 1832 W CEDAR RIDGE	MUSTANG OK 73064	3763085	SPARKS, JERRY	W5AVD BOX 846	NICOMA PARK OK 73066	7699545
RICHESON, PETER	KASCOI 409 W EULFAULA	NORMAN OK 73069	3293217	SPEER, BONNIE	WBSHAM 1400 MELROSE	NORMAN OK 73069	3217392
RICHMOND, GORDON	KBSXI RT 1 BOX 4	MOORELAND OK 73852	9945394	SPEER, JESS	WSSDJ 1400 MELROSE	NORMAN OK 73069	3217392
RIDGLES, BILL	W5AM 2647 NW 55 PL	OKLA CITY OK 73112	8420092	SPIVEY, JOHN	K5VGN 4705 N KELLEY	OKLA CITY OK 73111	4273519
RIDDLES, CARMEN	WNSOG 2408 NW 43 CIR	OKLA CITY OK 73112		SPROUL, JERRY	W5ALH 128 RANCHWOOD	YUKON OK 73099	3542061
RIDDLES, RUTH	WBSOKG 2647 NW 55 PL	OKLA CITY OK 73112	8420092	SROUFE, JAMES	W5SMH 805 CEDARDALE	OKLA CITY OK 73127	4952946
RIDGWAY, HOWARD	W5WSN 2400 NW 33	OKLA CITY OK 73112	9487610	STANDLEE, SERENAH	WNSREP RT 2 BOX 301	HEEKER OK 74855	2793975
RIDGWAY, VIRGIL	W7JTG 6449 N PENIEL	OKLA CITY OK 73132	7218411	STANLEY, DAVID	WNSCG 809 W FRANKLIN	SHAWNEE OK 74801	2734226
RIDINGS, WILLIS	W500 RT 1 BOX 74	FT SUPPLY OK 73841	6892291	STARK, BOB	W5IPN RT 1 BOX 22	PONCA CITY OK 74601	
RINEHART, CHARLES	WASERP.O. BOX 86	GRACEMONT OK 73042	9662486	STAUDT JR, OSCAR	WBSOCX 1414 N OAK DR.	GUTHRIE OK 73044	2826508
ROBERTS, ARTHUR	WIGOM 2941 NW 44	OKLA CITY OK 73112	9475347	STEHR, JOHN	W5ABC 614 SHALLEY DR	NORMAN OK 73071	3648761
ROCHELLE, JERRY	WBSWHH 513 SATURN	ALTUS OK 73521	4826636	STEHR, JOHN	W5ABC 614 SHALLEY DR	OKLA CITY OK 73107	9428668
RODGERS, NEAL	WAGJXD 405 N 9TH	PONCA CITY OK 74601		STEHR, JOHN	W5ABC 614 SHALLEY DR	EL RENO OK 73036	2624872
RODGERS, LEE	W5HGH BOX 348	BUFFALO OK 73834	7352400	STEPHEN, JIM	WBSOSZ 4208 NW 15	LOVE OK TX 75453	4472724
RODGERS, RICHARD	WBSYBZ 4400 WOODEDGE DR	DEL CITY OK 73115	6722416	STEPHENS, SAM	W5HID BOX 550	EDMOND OK 73034	3414874
RODGERS, ROBERT	WASSEEZ RT 2 BOX 366	TUTTLE OK 73089	3925562	STEPHENSON SR, H.A.	WNSDEC BOX 27	MIDWEST CITY OK 73110	
RODGERS, WILLIAM	WASRAQ 1121 SW 53	OKLA CITY OK 73109	6324375	STEPP, KEN	WNSDH 1109 APOLLO CIR	EDMOND OK 73083	3418486
ROLAND, DEWITT	KSCLS 3420 PARADISE DR	SPENCER OK 73084	7713145	STEVENS, JOHN	WBSBHE 1712 RULANE DR	MIDWEST CITY OK 73140	7328562
ROMINE, LARRY	WNSDFK 3913 SE 25	DEL CITY OK 73115	6770002	STEVENS, STEVE	WNSCJ BOX 976	OKLA CITY OK 73109	6347588
ROOKER, DONALD	K5SJV 7014 NW 61	BETHANY OK 73008	7212119	STEWART, HOLLY	KDSOL BOX 30614	OKLA CITY OK 73112	9461961
ROPER, BILL	KSEKC 906 VILLA DR	WATONGA OK 73772	6235934	STEWART, JACK	WNSFKE 1020 SW 26	STILLWATER OK 74074	
ROPER, DAVE	W870AA 7312 HUMMINGBIRD CIR	OKLA CITY OK 73132	7222151	STEWART, LARRY	WNSPOM 4138 NW 62	OKLA CITY OK 73107	9423714
ROSE, DANIEL	WNSRG 4015 ANCHOR DR	OKLA CITY OK 73107	9469307	STINE, LUCILLE	WBSKZ 1612 FRONTIER	YUKON OK 73099	3547685
ROSE, SIDNEY	WASTAR 3812 NW 27	OKLA CITY OK 73107	9465719	STINSON, TOMMY	W5OZE 2721 LYONS BLVD	YUKON OK 73099	3240220
ROTON, RAYMOND	WNSUB 1521 CAROL DR	EDMOND OK 73034	3416123	STOKES, GARY	WNSFVN 8940 BOB WHITE RD	CALUMET OK 73014	8932221
ROYCE, CHRIS	KBSOU 1623 SHEFFIELD DR	NORMAN OK 73071	3643848	STOKES, HENRY	KBSXN 10401 KENDAL AVE	CALUMET OK 73014	8932221
RUNL, RICHARD	WNSOLD RT 2 BOX 71	KINGFISHER OK 73750	3754843	STOKES, HARVIN	WNSNR RT 2 BOX 6	BETHANY OK 73008	4954228
RUNYON, ROBERT	AAO 6013 TIPI RD RFD 2	YUKON OK 73099	3731818	STOKES, ROSALIE	WNSLZD RT 1 BOX 3	OKLA CITY OK 73132	7213521
RUPERTO, EUGENE	W3KH RD 1 BOX 366	WEST ALEXANDER PA 15376		STORM, CLARA	WNSFT 6718 NW 30 TERR	TOMMYA OK 74653	6282889
RUSSELL, LOUIS	KASHMN BOX 1203	NORMAN OK 73070	3214036	STRAITON, GUY	WNSGZ 6404 STERLING DR N	NAYS LANDING NJ 8030	
RUSSELL, RANSEY	WSPBY 200 WALLACE	HOLDENVILLE OK 74848		STRECKER, OTTO	WNSO 214 N 11	MIDWEST CITY OK 73110	7326029
RYAN, ROGER	WASJXX BOX 458	NORMAN OK 73070	3646848	STRICH JR, GEORGE	WNSFVBOX 37 POST RD	SHIDLER OK 74651	7934091
SALEM, MICHAEL	WNS 1324 LINCOLN	NORMAN OK 73069	3215453	STROMAL, DICK	WNSKP 3308 RIDGEWOOD DR	CALUMET OK 73014	8932561
SARTORIUS, CHRISKASHMY	7261 SKYLARK LN	OKLA CITY OK 73132	7280058	STUCKEY, RAY	WNSRF BOX 274	CALUMET OK 73014	8932561
SARTORIUS, TIM	KASHMT 7261 SKYLARK LN	OKLA CITY OK 73132	7280058	STULTS, JAMES	K5RLM PO BOX 59	LITTLE ROCK ARK 72207	
SAUNDERS, DONALD	WNSISS 3008 CENTER ST	OKLA CITY OK 73120	7510404	STULTS, LEONA	WNSLTJ PO BOX 59	EAST SLIP NY 11790	
SAUNDERS, NILTON	O.WSATO500 S SOONER ROAD	MIDWEST CITY OK 73110	7323004	STUTTLE, CHARLES	WNSVYT 6118 LONGWOOD RD	OKLA CITY OK 73122	7211078
SCHALLENBERG, VANNIS	WNSBY 4013 NW 61	OKLA CITY OK 73112	9424394	SUCHANEK, STEPHEN	WNSJESS WANTACH AVE	BETHANY OK 73008	
SCHENKEL, MIKE	WNSYU 1211 SOUTH MAIN	ALTUS OK 73521	4821797	SULLIVAN, CHARLES	WNSYL 24817 NW 62	SHAWNEE OK 74801	2733843
SCHILLER, LEE	WNSLX 908 N MARSHALL	MIDWEST CITY OK 73110		SULLIVAN, DONALD	WNSRAX 7420 NW 19	BOSSIER CITY LA 71112	
SCHILLING, HEINZ	WNSZGP 1436 SW 64	OKLA CITY OK 73159	6852571	SULLIVAN, JIM	KASFCB 4411 N AYDELOTTE	OKLA CITY OK 73159	6856045
SCHILLING, JOE	WBSYKD 1407 SW 66	OKLA CITY OK 73159	6815884	SWANSON, LEE	WNSCPN 3253 CAROLINE DR	OKLA CITY OK 73121	
SCHLEGEL, BOB	WNSCJB 1013 E BROOKS APT E	NORMAN OK 73071	3647250	SHAPE, FRED	WNSFWD 1316 SW 71	OKLA CITY OK 73159	6856060
SCHLOEMMER, HANS	WNSHCG A-8962	GROEBMING 463 AUSTRIA	99999	TALTON, MAJOR	B.KASOMX 1705 OAKLAWN	NEWCASTLE OK 73065	3874497
SCHNEIDER, RONALD	WNSBK16 FLORENTINA	PLATTE CITY MO 64079		TANKERSLEY, BEN	WNSBNT 2545 SW 60	OKLA CITY OK 73118	5281537
SCHOENBERG, STAN	WNSZOF 800 N WESTERN	OKLAHOMA CITY OK 73106	2356993	TANKERSLEY, JON	WNSHCH RT 2 BOX 158A	BLANCHARD OK 73010	3925458
SCHOENHILS, HARRY	WNSIDEBOX 435	BETHANY OK 73008	7896433	TAYLOR, FRED	KASCHN 915 NW 31	CALUMET OK 73014	8932527
SCHOLING, FOREST	WNSST616 SW 51	YUKON OK 73099	6342961	TEACHMAN, DOUGLAS	WNSDXX RT 4 BOX 697	CALUMET OK 73014	8932527
SCHOLING, FOREST	WNSST616 SW 51	OKLA CITY OK 73109	6342961	TECH, FRED	KSGOE ROUTE 1	ROSTON OK 73855	5332926
SCHROEDER, DANIEL	KSPVL 3223 1/2 S WEST ST	STILLWATER OK 74074	3723383	TECH, VIRGINIA	WNSLTK ROUTE 1	SHAWNEE OK 74801	2739369
SCHULTZ, LEROY	WNSYZ 5216 SE 53	OKLA CITY OK 73135	6772216	THOMAS, JAMES	KASAAE RR 1 BOX 22	OKLA CITY OK 73112	9491963
SCOTT, MERRILL	WNSPTO 6204 NW 22	BETHANY OK 73008	4952829	THOMPSON, BILL	WNSIIX 537 N KICKAPOO	EDMOND OK 73034	3401234
SEALS, JAMES	KBSXN RT 1 BOX 139-S	TUTTLE OK 73089	3812005	THOMPSON, PAUL	WNSPT 3813 CROMWELL	OKLA CITY OK 73132	7215037
SEALS JR, FRED	WNSJZO 1005 WALNUT RD	NORMAN OK 73069	3211522	THOMPSON, W.H.	WNSVI 2505 STILL MEADOW RD	MOORELAND OK 73852	9942138
SEE, BOB	WNSPC 1708 E WOODLANDS	PONCA CITY OK 74601	7624426	THRELFALL, AL	KASLID 8316 NW 117	SHAWNEE OK 74801	2733033
SEIGNIOUS, JIM	WNSUHN 833 NW 115	OKLA CITY OK 73114	7516698	TICE, CARLA	WNSOON RT 1 BOX 63	GUTHRIE OK 73044	2823082
SELBY, RAY	KSLIX PO BOX 465	KINGFISHER OK 73750	3754354	TICE, RON	WNSPOD RT 1 BOX 63	PARIS TX 75460	7858367
SHAFFER, DAVE	WNSHT BOX 1501	ST PAUL MN 55111		TINGLER, JAY	WNSBNO 4203 BLAINE RD	PARIS TX 75460	7858367
SHARP, BILL	WNSGOF RT 1 BOX 930	WELLSTON OK 74881		TODD, ALVIN	WNSHTG RT 1 BOX 119	OKLA CITY OK 73159	6853685
SHAWPE, GLENN	WNSRKA 3000 GLEN OAKS	MIDWEST CITY OK 73110	7374594	TODD, BERTIE	WNSJL RT 6 BOX 88	OKLA CITY OK 73170	6912102
SHAW, IVIE	WNSVOS BOX 300	GOTEBG OK 73041	5384747	TODD, HAROLD	WNSWQ 1300 SW 62		
				TODD, TONY	WNSWJ 717 TURTLECREAK RD		

TOLMAN, BILL KASLM 1028 SW 67 PL
 TOWNSEND, H O WASHLT 2324 MORGAN DRIVE
 TOWNSEND, JIM WOSWCB 6610 S SHIELDS
 TRENT, JAY WOSZLP 2514 H GLENHAVEN TR
 TREIBER, VERN WSNW PO BOX 28
 TROTTER, GEORGE WMSND 402 W MAIN
 TUCK, BILL KSEA 3201 S WESTERN
 TUCKER, RONALD K51GB 1170 NW 108
 TUTOR, RONALD WAGOH RT 14 BOX 73
 VAN LANINGHAM, TEGWOSJMT2454 TOWNSEND DR
 VAN NORT, STAN WBSULY BOX 75252
 VAUGHAN, DEAN WOSNEJ PO BOX 266
 VEATCH, LARRY WDSOPZ 505 N IRVING
 VIEUX, PHIL WUSWV 60X 604
 VINSON, MARTIN WDSPEI 1784 KICKINGBIRD RD
 VON KICKLEN, FREDWOSFFE607 E OKLAHOMA
 WAGNEIS, LARRY K5RAR 3009 MCNILLIAN
 WATAM, BOB WBSOBV BOX 21
 WADDELL, DEAN WSNW 316 W MAIN
 WADDELL, CLEO WASSUD 920 N MERIDIAN
 WALKER, BILLY WSCFE BOX 2805
 WALKER, WILLIAM WSEKU 3025 SE 20
 WALL, STEVE WBSUTO BOX 222
 WANDLER, R.B. WSEDZ 642 BERYL DR
 WANN, MAX WBSOYS 904 GREENWOOD DR
 WARD, CLYDE WSCPA BOX 117
 WARNER, CHARLES KCSU 3301 GREENWOOD DR
 WARREN, BILL WBSZTO 4405 NISON RD
 WARRNER, JOHN WBSUBB BOX 917
 WARRNER, YVONKEWSTYN BOX 917
 WATKINS, GLENN WIRTH 102 E 2ND APT 302
 WATKINS, O.J. WBSOAX 816 N JENNIFER AVE
 WATKINS, RALPH WBSPPH 1414 N SHUTTEE
 WATTS, HARRY KCSOU RT 1 BOX 7
 WEBB, THOMAS WAPAFM 3021 BIG OAK DR
 WEIRICK, BOB WSBFF 2836 SW 87
 WEISER, HARRY KCSH 6105 SE 7
 WELDON, GEORGE WBSULI 914 ALBERT DR
 WETHORE, JERRY KOSLS 813 NW 21
 WHALEN, MICHAEL K5UV 26708 PRAIRIE HILLS D
 WHIFFLE, CHARLESWATY 1617 SE 6
 WHITE, DAVE WSNW BOX 323
 WHITE, DAVID WSDW 212 SKYLARK CT.
 WHITE, DAVID WBSLUI BOX 766
 WHITE, JAMES WAGOH 10109 S KLEIN AVE
 WHITE, HARVIN KSNOP 2108 S POST RD
 WHITE, ROBERT WBSFHZ 8324 S LINN
 WHITED, KATHY WBSNDG 1032 NW 26
 WHITED, REEVE WBSNW 1032 NW 26
 WHITEN, JOHN WBSWB 7926 NW 21 APTA6
 WHITMAN, PHIL WBSAPM 1309 POLK
 WHITNEY, ORVILLEWABE 3720 NW 60
 WILDER, RALPH WBSPPX 811 N BUREFORD
 WILEY, MIKE WBSOH 4304 N AYDELOTTE
 WILHITE, CHUCK KSHV 7144 COMANCHE AVE
 WILHEMIN, DAVE AISH 331 COURTLAND
 WILLIAMS, BOB WSPJH 316 NW 164
 WILLIAMS, BOB WBSLHR 1505 SUNDAY
 WILLIAMS, GEORGESENK 2801 SW 60
 WILLIAMS, JAY WSTXF 1504 POTOMAC
 WILLIAMS, JIM K5WRL 6400 NW 30 TERR
 WILLIAMS, LARRY KASHPI 7028 S LINN
 WILLIAMS, RANDALLWBSCHM7417 NW 31
 WILLIAMS, WILLIAMWBSJMT 3652 SURREY VALLEY DR
 WILLIS, RAYMOND WSAO 401 N MAIN ST.
 WILSON, C.C. WSCIL 4116 NW 30
 WILSON, NORMAN WSELO 601 E ARBOR DR
 WILSON, ODIS WBSLNX BOX 6280
 WILSON, RICK WBSSTD BOX 14
 WILSON, WALLACE WNAVBT 6345 NW 63 APT 177
 WILKINGHAM, BOB KASHOV 5217 N BRUNSON
 WITT JR, SIDNEY KSMW 2541 NW 50
 WITTMANN, DALE WBSBOA RT 6 BOX 256
 WOLF, EARNEST K5YD 611 NW 94
 WOOD, GILLA WSNUT RT 1 BOX 152
 WOOD, RICHARD K5AWN 3400 EASTWOOD CIR
 WOOD, THELMA WBSWBJ 4740 ELN VIEW DR
 WOODRUFF, WILLIAMK5YVI ROUTE 2
 WOODS, HARRY KASIOA 2133 SW 77
 WOODS, MARICE WASHOG 6420 N HILLCREST
 WOODS, MIKE WSNAG 1812 NW 31
 WOODS, WALTER KUSEP 1416 N PENN
 WOODS, WILLIAM WDSJOE 513 S. FLOOD
 WOODNORTH, CHARLEYWSDKZ131 LAKESIDE DR
 WOODY, T VAN WSPMX 2517 NW 62 APT 40
 WOOLDRIDGE, WILLIAMWBSLNB921 NE 13
 WORD, J.W. WASKFT 3700 N SHANNON
 WORTHAM, BART WSNW 1512 VULCAN CIR
 WORTHAM, JOHN WBSH20 10300 KENDALL AVE
 WRIGHT, FRED KSHFN 2822 SE 25TH
 WRIGHT, J.A. ABAR RT 5 BOX 1084
 WRIGHT, LLOYD WBSIOI 3120 NW 63
 WRIGHT JR., WILLIAMKSCGN2105 RAMBLING ROAD

OKLA CITY OK 73139 6340413
 NORMAN OK 73069 3294426
 OKLA CITY OK 73149 6325445
 HIGHEST CITY OK 73110 7321598
 BLACKWELL OK 74631 3630935
 CHEROKEE OK 73728 5962329
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 YUKON OK 73099 3246097
 MIDWEST CITY OK 73110 7378784
 FRANKLIN NC 28734
 OKLA CITY OK 73116 8436811
 EDMOND OK 73034 3416076

MUSTENBERG, JOHNKESN BOX 157
 WYATT, BILL WSCNH R RT 2 BOX 204-2A
 WYKE, JEFFREY KASISG 1609 FARMINGTON
 YONE, FRANK WSCIJ 2009 MACKENZIE
 YONE, KAY KASHZS 2009 MACKENZIE
 YORK, CHARLES WASSFFG 3700 NW 64
 YOUNG, JOHN WSOBH 11613 OKDALE ST
 ZACHRY, H.B. KCSIS 3505 ROLLING LANE
 ZANIL, RICH KKANC BOX 114
 ZIETLOW, JOHN K9NIC 309 N SILVERWOOD DR
 ZUCK, MELVIN WASSOPF STAR RT C BOX 294

WANNETTE OK 74878 3832232
 WOODHARD OK 73801 2563248
 NORMAN OK 73069
 YUKON OK 73099 3240772
 YUKON OK 73099 3240772
 OKLA CITY OK 73116 8423918
 OKLA CITY OK 73108 2328050
 YUKON OK 73099 3546414
 MIDWEST CITY OK 73110 7327255
 MOLOUD CA 96057
 MIDWEST CITY OK 73110 7332765
 KINGSTON OK 73439 5643842

ALPHABETICAL BY CALL

USAA RALPH REA 2213 SW 69
 KASAAE JAMES THOMAS RR 1 BOX 22
 WPSAAY LARRY BUGG 7620 NW 20
 NSABC JOHN STEHR 614 SHARLEY DR
 NSARE CRYVILLE WHITNEY 3720 NW 60
 NSAW JERALD LOVE 4517 SE 27
 NSABL HOLLIS HOLCOMB 304 S OGLE
 K5SAC RAYMOND DAWSON 7308 LANCET LN
 K5SAC RAY DAWSON 7308 LANCET LANE
 W5ACD REEDY BOOKER BOX 324
 W5ACD EARL KEETON 7144 WOODBRIDGE
 W5AEF EUGENE HARRIS 4301 NW 15
 W5AEJ DEAN VAUGHAN PO BOX 266
 KASAFD DAVID DOWDY 11 PIN OAK ST
 KASAFD ED EDWARDS 508 S PARK
 WAPAFM THOMAS WEBB 3021 BIG OAK DR
 WBSAGI MARTIN MCCORMICK3401 BAIRD DRIVE
 K5SAH DAVE DAILEY 1105 NE 22 ST
 NSAH BILLY ATKINS 321 N POST RD
 KL7AHB ANDY CLARK 1125 SE 34
 NSATP BOB BRATTON 129 EAST CLEVELAND
 W5AIP FORD MICHAEL 833 S FLOOD
 W5AIP JAMES DUFFER 10209 HOLLYHEAD WAY
 K5AJM MAURICE HOLDING 2736 SW 53
 NSAHN SONNY HODGES BOX 67
 NSALG ROBERT FIELDS 10101 MORNING GLORY
 NSAHN DEAN MADELI 316 W MAIN
 NSAHN MIKE WOODS 1812 NW 31
 NSAHN VERN TREIBER PO BOX 28
 K5AOT ROBERT CARLILE 117 E MARSHALL
 KASAGY EDWARD KIDD 10624 GREYSTONE
 NSARV JUNE ALLEN 7309 S DOUGLAS AVE
 W5AS HOWARD BAKER 5928 N REIMOND
 NSASK LARRY CHRISTIAN 3301 N COLLEGE
 NTATO DR. DON BAKERS 4028 NW 10
 W5ATO RAYMOND WILLIS 401 N MAIN ST.
 NSAUR RAYMOND ROTON 1521 CAROL DR
 NSAVE TERRY SHENAKE BX 93 200 HARRISON
 NSAHN JERRY SPROUL 128 RANCHWOOD
 NSAUP JERRY ASLER RT 4 100 ALMA
 W5AVK JOHN NELSON 2001 TEXAS ST
 NSAVO JERRY SPARKS BOX 346
 NSANE EARL GREGG 1732 NW 35
 NSANI LESTA LOVE 4517 SE 27
 KASAYO JOE GREEN 915 THISTLEWOOD
 NSAYO ROBERT LYON 4409 WOFFORD RD
 NSAYO HORACE MARRIHAN 312 WILKWOOD TERR
 NSAZO JOHN HARAIDA 1905 JAWEN
 NSAZO MILTON O. SANCERS500 S SOONER ROAD
 NSAZP LEON PHILLIPS RT 2 BOX 270
 NC4B WALT QUITTER 367 BUCKINGHAM DR
 W7BBA LEWIS DAVENPORT 1037 SW BINKLEY
 WBSBPV RALPH GILMER BOX 357
 NSBOG MARY LESTER 3001 QUAIL CREEK RD
 WBSBOW RAY MARCH 12100 SW 29
 WBSBEL CLEMEN CLEMELL PO BOX 59
 WSEEP SERENA STANDLIFE RT 2 BOX 301
 WSBEO JIM BUSHALL 1304 W PARK PL
 KASBER ROBERT SMITH PO BOX 574
 NSBEW KEN ESAMODAN PO BOX 613
 NSBFD JIM HOPKINS 3008 NW 24
 WSBFF ROD WEIRICK 2836 SW 87
 WBSBHE JOHN STEVENS 1712 RULANE DR
 K5BJJ CLARENCE ENG 7900 NW 14
 KASBJG JUDY MACDONALD 5120 SE 49
 WBSKCI RONALD SCHNEIDER6 FLORENTINA
 WBSKJU BILL JOHNSON 4205 NW 33
 N7BND BERNIE OLIVER BOX 416
 NSBNC BEN TANKERSLEY 2505 SW 60
 NSBNC GEORGE WILLIAMS 2801 SW 60
 NSBNE CLOYCE HEATH 420 S MAIN
 WBSBOA DALE WITTMANN RT 6 BOX 256
 WBSBOZ RICK LADD RT 1 BOX 142
 WBSBOX ROBERT SHAW 908 ELWOOD DR.
 NSBRK RANDY DEL TORTO PO BOX 755
 NSBRK RANDY DELTORTO 733 CITY AVE
 K7BSY H.J. MOORE RR 1
 WBSBTO LARRY HARDIN 5708 NW 86

OKLA CITY OK 73159 6850896
 ROSSSTON OK 73855 5332926
 BETHANY OK 73008 7894180
 NORMAN OK 73071 3648761
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 DEL CITY OK 73115 6771078
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 PARIS TX 75460 7855168
 HAWAIIAN OK 73554 7823073
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 YUKON OK 73099 3247917
 OKLA CITY OK 73119 6853803
 FORGAN OK 73938 4873421
 ENORMAN OK 73071 3297391
 NORMAN OK 73069 3290699
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 MIDWEST CITY OK 73110 7378469
 OKLA CITY OK 73120 7515094
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 PIEDMONT OK 73078 3732474
 YUKON OK 73099 3542061
 SHAWNEE OK 74801 2755717
 NORMAN OK 73071 3218566
 NICOMA PARK OK 73066 7699545
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 DEL CITY OK 73115 6771078
 NORMAN OK 73069 3644301
 DEL CITY OK 73115 6777200
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 YUKON OK 73099 3545885
 MIDWEST CITY OK 73110 7323004
 MCLOUD OK 74851
 STEPHENS CITY VA 22655
 OKLA CITY OK 73109 6346514
 MANGUM OK 73554 7822617
 OKLA CITY OK 73120
 MUSTANG OK 73064 3763165
 WATONGA OK 73772 6235559
 HEEKER OK 74855 2793975
 OKLA CITY OK 73106 2960348
 NOBLE OK 73088 8723629
 NORMAN OK 73070 3294467
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 PLATTE CITY MO 64079
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 GOLD BEACH OR 97444
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 SHAWNEE OK 74801 2754263
 VICI OK 73859 9954736
 EDMOND OK 73034 3414766
 DALE OK 74838
 MOORE OK 73160 7931361
 WILLOW OK 73673
 OKLA CITY OK 73132 7215596

WBSBT	RAY PETERS	208 N JACKSON	MIDWEST CITY OK 73130	7326498	WSDVY	JAMES HARMON	3224 N RIDGEWOOD DR	MIDWEST CITY OK 73110	7326303
WBSBJ	BOB MCCOY	421 HOLLY HILL RD	EDMOND OK 73034	3482032	WSDW	DAVE WHITE	BOX 323	PAULS VALLEY OK 73075	
WBSB	BART WORTHAM	1512 VULCAN CIR	EDMOND OK 73034	3417054	WSDW	DAVID WHITE	212 SKYLARK CT.	NORMAN OK 73070	3609659
WBSBND	JAY TINGLER	4203 BLAINE RD	SHAWNEE OK 74801	2739033	WSDMR	CHARLES JAY	6217 SE 9	MIDWEST CITY OK 73110	7326275
WBSBM	GEORGE LEE	2410 NW 34	OKLA CITY OK 73112	9462754	WSDIA	DOUGLAS TEACHMAN	RT 4 BOX 697	BLANCHARD OK 73010	3925458
WBSBY	VAN SCHALLENBERG	4013 NW 61	OKLA CITY OK 73112	9424394	WSDYI	MARK NORTHCUTT	1509 BARCLAY RD	OKLA CITY OK 73120	8421086
WBSBXI	SAM FRIEDHOFF	BOX 10	KAN OK 74641		WSDYT	H.R. HICKEY	1181 SE 44	OKLA CITY OK 73129	6721712
WBSBXH	GORDON JOHNSTON	7213 CROWNPOINT RD	OKLA CITY OK 73132	7219336	WSDZ	LEO HAGARD	1625 MEADOWBROOK	PONCA CITY OK 74601	
WBSBZQ	CRAIG LANKFORD	4201 N GEORGIA	OKLA CITY OK 73118	5219795	KASDZQ	LOUIS KELLEY	5013 NW 19 TERR	OKLA CITY OK 73127	9420955
KJSC	ALWANDA CLARK	5825 NW 47	OKLA CITY OK 73122	7893893	KSDZV	TRAVIS HARRIS	3840 NW 31ST	OKLA CITY OK 73112	9423797
KASCAY	RON MCCALIP	RT 6 BOX 41	SHAWNEE OK 74801	2735974	KFSE	TOM CASSADY	2242 DUBLIN RD	OKLA CITY OK 73120	7511194
KSCAZ	PAUL DENMALT	3144 LONGRIDGE	DEL CITY OK 73115	6771092	KSEA	BILL TUCK	3201 S WESTERN	OKLA CITY OK 73109	6346628
KSCBA	PRESTON GEORGE	1812 S. RANKIN	EDMOND OK 73034	3410751	WASEAI	RON CRON	2428 SW 46	OKLA CITY OK 73119	6810896
WASCBF	LOREN SINHS	209 MOCKINGBIRD DR	N. ALTUS OK 73521	4770921	KCSEB	ROBERT PEARSON	2425 QUEENSBURY	MOORE OK 73160	7994101
NOCOD	JOHN LEE	RR 4 BOX 55	ARKANSAS CITY KS 67005		WSECEJ	KEN KENDRICK	BOX 20567	OKLA CITY OK 73156	7514917
NSCCV	GERALD BOWMAN	PO BOX 356	MOORELAND OK 73052	9945381	WSECEM	DENNIS PAINTON	CHESTER STAR RT BOX	FAIRVIEW OK 73737	
WSCCV	JOE McDONALD	425 W MONROE	NAMUM OK 73554	7823454	WSECEP	CARL BRADBURY	RT 1 BOX 96	FT SUPPLY OK 73841	7663581
NSCCN	CURTIS BROWLEE	3033 ROLLINGSTONE RD	OKLA CITY OK 73120	7512458	NSEDT	C.Y. CHANDLER	1833 1/2 NW 7	OKLA CITY OK 73106	2329005
WSDCCX	BILL MAYNOR	2717 NW 110	OKLA CITY OK 73120	7551122	WSEDZ	R.B. WANKLER	642 BERYL DR	SAN ANTONIO TX 78213	7339632
WSDCG	PAUL KONAR	11780 E ROBIN DR	MIDWEST CITY OK 73130		WSEED	R.C. ARENS	2804 ORLANDO RD	OKLA CITY OK 73120	7513117
WSDCGN	JEFF GARD	RT 1 BOX 234	HOLDENVILLE OK 74848	3793112	WSEEZ	ROBERT ROGERS	RT 2 BOX 366	TUTTLE OK 73089	3925862
WSDGZ	DAVID STANLEY	809 W FRANKLIN	SHAWNEE OK 74801	2734226	KASEFJ	KEN NEPTUNE	2614 S BERRY	NORMAN OK 73069	3217789
WBSCHC	RUSSELL BLACKARD	423 NE 16	OKLA CITY OK 73104	2363875	WSEGB	EDGAR ENGEBRECHT	ROUTE 2	OKARCHIE OK 73762	2634411
WSDCHO	DOYLE CURTIS	525 SW 102	OKLA CITY OK 73137		WSEGT	DOUG MAUPIN	618 9TH	WOODWARD OK 73801	2565442
WSDCIG	RON REAL	BOX 216	WELLSTON OK 74881	3562393	KASEHR	RON HATHCOCK	10000 N BROADWAY	EDMOND OK 73034	3483558
NSC1J	FRANK YONE	2009 MACKENZIE	YUKON OK 73099	3240772	WSEHR	N.P. JESSUP	11824 AZALEA CT	PIEDMONT OK 73078	3648761
NSCIL	C.C. WILSON	4116 NW 30	OKLA CITY OK 73112	9464032	WSEIH	MARK GALBRAITH	BOX 45651	TINKER AFB OK 73145	6774995
KOC10	LARRY ELLIS	RR 1	COLUMBIA MO 65202		WSEIP	J.C. BEVILL	2924 SHIRLEY LN	OKLA CITY OK 73116	8423897
WSDCJB	BOB SCHLEGEL	1013 E BROOKS APT E	NORMAN OK 73071	3647250	WSEJY	ALVIN TODD	RT 6 BOX 88	PARIS TX 75460	7858367
WSDCJG	ROBERT L. PACE	1726 W ROSE OAK DR.	MUSTANG OK 73064	3763569	KDSEK	WADE ANDERSON	205 BELLAIRE DR	MOORE OK 73160	7945144
NSCJH	WILLIAM GRIGGS	504 E ST. LOUIS	NETUMPA OK 74883	4523408	KSEKC	BILL ROPEP	906 VILLA DR	WATONGA OK 73772	6235934
WSDCKG	RANDLE HORN	2207 S 11 ST.	CHICKASHA OK 73019	2240949	NSKXU	WILLIAM WALKER	3025 SE 20	DEL CITY OK 73115	6704015
NSCLS	DEWITT ROLAND	3420 PARADISE DR	SPENCER OK 73084	7713145	WSELG	DOROTHY DIRICKSON	2201 SW 49	OKLA CITY OK 73119	6730725
NSCHW	BILL WYATT	R RT 2 BOX 204-2A	WOODWARD OK 73801	2563348	KSELL	MERVIN ADLER	812 BELLE AIRE AVE	EDMOND OK 73034	3415405
WBSCHM	RANDALL WILLIAMS	7417 NW 31	BETHANY OK 73008	7897810	KASELM	BILL TOLMAN	1028 SW 67 PL	OKLA CITY OK 73139	6340412
KASCOI	PETER RICHESON	409 W EUFULA	NORMAN OK 73069	3273217	WSELO	TOM SHEPARD	RT 5 BOX 156A	GUTHRIE OK 73044	3480447
WSDCPA	CLYDE WARD	BOX 117	WASHINGTON OK 73093	5276182	KDSEM	A.E. FARRELL	4324 SE 16	DEL CITY OK 73115	6776587
WSDCPA	JAY LARD	BOX 116	MUTUAL OK 73853	9224682	WSENB	JOHN WHITEN	7926 NW 21 APTA6	BETHANY OK 73008	7894776
NSCPN	LEE SWANSON	3253 CAROLINE DR	BOSSIER CITY LA 71112		WSENP	JOSEPH CARTER	7021 NW 48	BETHANY OK 73008	7895512
KCSOR	BRUCE GOFF	2413 NW 113	OKLA CITY OK 73120	7516276	NSEO	OTTO STRECKER	214 N 11	TOKKAMA OK 74653	6282889
KCSOS	DEL D. CANADA	1112 SW 60	OKLA CITY OK 73139	6344306	NSEOG	CARMEN RIDDLES	2408 NW 43 CIR	OKLA CITY OK 73117	
WSDCSM	DENNIS PATTERSON	8300 NW 19	OKLA CITY OK 73127	4950769	KDSEP	WALTER WOODS	1416 N PENN	OKLA CITY OK 73107	5262705
KSCCTJ	DON LEWIS	828 KELLI DR	WATONGA OK 73772	6234551	WSEOR	JOHN MCLAUGHLIN	1305 N ANITA PL	OKLA CITY OK 73127	4952728
WSDCTH	PAUL DANIELS	305 SE 24	PARIS TX 75460	7851179	WSEOH	GENE DAVIS	324 N YOUNG	BILLINGS OK 74620	7253498
WSDCTS	STEVE HUTCHERSON	BOX 20829	OKLA CITY OK 73156	7218064	WSEOH	CHARLES RINEHART	P.O. BOX 96	GRACEMONT OK 73042	9662486
NSCTT	SUE MCGLYNN	8741 ROXBURY	OKLA CITY OK 73132	7233407	KASESA	BILL BOLAND JR	3008 RAMON TERR	EDMOND OK 73034	3480123
KBSCH	DOUG MCMASTER	9604 WILLOW WIND DR	MIDWEST CITY OK 73130	7323990	KSESF	JACK PERKINS	5013 ALAN LAKE	OKLA CITY OK 73135	6720367
WBSCHB	LARRY DILLARD	308 WOODHOLLOW TRAIL	EDMOND OK 73034		WSESO	EMMA LOU HODGES	BOX 67	FORGAN OK 73730	4873421
KASCHT	DAVID HOLDER	7412 NW 23	BETHANY OK 73008	7892764	WSEST	FOREST SCHOOLING	616 SW 51	YUKON OK 73099	6342961
KSCXP	AL RAUSCHER	3308 PLEASANT DR	MIDWEST CITY OK 73110	7326357	WSEST	FOREST SCHOOLING	616 SW 51	OKLA CITY OK 73109	6342961
KASCMX	FRED TAYLOR	915 NW 31	OKLA CITY OK 73118	5231537	KASETA	BOB MOORE	2812 SW 53	OKLA CITY OK 73119	9566010
WSDCZN	ROBERT GOODHEAD	11017 ST CHARLES	OKLA CITY OK 73132	7213592	WSETB	M.W. NORTHCUTT	PO BOX 38	CEMENT OK 73017	
KKOD	DR. STUART DOROWITZ	2/6EN2	TUTTLE OK 73089		WSETO	RICK WILSON	BOX 14	DAYTONPORT OK 74026	
KASDAU	JENNA KIDD	10824 GREYSTONE	OKLA CITY OK 73129	7515094	WASETV	GARY MCCORMICK	5012 NW 25	OKLA CITY OK 73127	9462898
NSDBH	JOHN YOUNG	11613 OAKDALE ST	YUKON OK 73099	3546414	KASEUB	ROBERT BRADBURY	8212 NW 92	OKLA CITY OK 73132	7226880
NSDBM	KEN STEPP	1109 APOLLO CIR	EDMOND OK 73034	3414074	KSEUT	NATHAN PARSONS	1101 N NORMAN	MOORE OK 73160	7946135
KASDBY	BETTY BRADLEY	3208 ROCK HOLLOW RD	OKLA CITY OK 73120		WSEVP	ROBERT ALLEN	7309 S DOUGLAS AVE	OKLA CITY OK 73139	6721701
KASDCG	C.E. LOCKE	309 NW 85	OKLA CITY OK 73114	8420814	WSEY2	LEROY SCHULTZ	5216 SE 53	OKLA CITY OK 73135	6772216
KASDCI	WAYNE HUNTERMAN	11921 O'CASEY	YUKON OK 73099	3246991	WDSFAM	WILLIAM LINDLE	3105 NW 39 TERR	OKLA CITY OK 73112	9432792
NSDCK	ROBERT SIXES	12254 HILLMAN DR	LAKE PARK FL 33410		KASFCB	JIM SULLIVAN	4411 N AYDELOTTE	SHAWNEE OK 74801	2733842
WSDICK	STEVE PAGACH	708 PARK RD	YUKON OK 73099	3548516	KASFCB	LINDA BRANDT	132 WESTCHESTER AVE	NORMAN OK 73069	3215081
KASDCB	MIKE CREWS	5709 NW 115	OKLA CITY OK 73132	7221376	NSFE	CARL COMPTON	8 SQUOYAH	SHAWNEE OK 74801	2754005
NSDEC	H.A. STEPHENSON	SR BOX 27	LONE OAK TX 75453	4472724	KASFEF	SUSIE ATKINSON	3113 WILSHIRE TERR	OKLA CITY OK 73117	8428914
NSDEW	RON MOORE	2225 RED ELM DR	EDMOND OK 73034	4780049	WDSFEI	MARTIN VINSON	1784 KICKINGBIRD RD	EDMOND OK 73034	3401855
WSDDFG	DONNA REID	RT 1 BOX 166	MOORELAND OK 73052	9942336	WDSFEY	WAYNE SMITH	1312 SW 81	OKLA CITY OK 73159	6857450
WSDDFH	BILL REID	RT 1 BOX 166	MOORELAND OK 73052	9942336	WASFFE	FRED VON WICKLEW	7 E OKLAHOMA	WEATHERFORD OK 73096	7723527
WSDDFK	LARRY ROMINE	3913 SE 25	DEL CITY OK 73115	6770002	WASFFG	CHARLES YORK	3700 NW 64	OKLA CITY OK 73116	8423913
KSDDFH	JACK LANGSTON	5724 NW 36	OKLA CITY OK 73122	9463863	WASFFZ	RICHARD BUCHHOLTZ	25406 SE 7	DES MOINES IOWA 50315	
NSDFT	DICK CRAWFORD	4103 SE 14	DEL CITY OK 73115	6770170	WAFOS	SCOTT LYNCH	3600 S SHIELDS	OKLA CITY OK 73149	
KASDGY	HUGH BENSON	4428 NW 45	OKLA CITY OK 73112	9464864	KDSFI	M.T. CRONENNETT	2566 CYPRESS	NORMAN OK 73069	3250095
KBSOI	LU FISHER	2317 PARK LAND RD	WOODWARD OK 73801	2561601	WDFIH	HOWARD MCELHANNY	701 S JONKINS	NORMAN OK 73069	3212109
KADJW	RENDA BRUMBELOE	7204 NW 31	BETHANY OK 73008		WDFIJ	MARY PHILLIPS	RT 2 BOX 270	MOCLUND OK 74851	
KBSOK	LAVERNE HOAG	191 JUNIPER DR	FREEMOLD NJ 7728		KASFIT	WALTER FULTZ	216 MYRTLE DR	TEJOMESON OK 74873	5933984
WSDONG	RUTH RIDDOLES	2647 NW 55 PL	OKLA CITY OK 73112	8420092	WDSFKE	JACK STEWART	1020 SW 26	OKLA CITY OK 73107	6347583
NSDKO	JOHN PEDERSEN	143 STILL ACRES	STILLWATER OK 74074	3773909	WDSFYF	REUBEN CASTLEBERRY	10204 S SHARTEL DR	OKLA CITY OK 73139	6911070
NSDKZ	CHARLEY WOODWORTH	131 LAKESIDE DR	ALTUS OK 73521	4824292	WDSFKG	ED BLACKWELL	9304 S MCKINLEY	OKLA CITY OK 73139	6913494
KISOL	HOLLY STEWART	BOX 30614	MIDWEST CITY OK 73140	7326562	KASFKH	VIRGINIA LADD	RT 1 BOX 142	VICT OK 73859	9554737
NSDLH	KEN HENDERSON	RT 2 BOX 272	SPENCER OK 73084	7695348	KASFKX	LARRY MULLINS	3509 PANTEE	WOODWARD OK 73801	2563273
NSDLN	VICKI ADKINS	BOX 32735	OKLA CITY OK 73123	7226195	KASFKZ	FREIDA PATTERSON	2624 HAWKS TRAIL	WOODWARD OK 73801	
NSDLU	SHIRLY GILLILAND	96JL8	JONES OK 73049	3956973	KSFLL	JIM DEL TORTO	239 COOLIDGE	PONCA CITY OK 74601	7621221
KASDMX	MAJOR B. TALTON	1705 OAKLAWN	OKLA CITY OK 73121		WSFLO	NORMAN WILSON	601 E ARBOR DR	MIDWEST CITY OK 73110	7379258
WDOZ	ANSEL DICKENSON	12610 E MAPLE BOX 25	COLUMBIA MO 65202		WASFLT	JOE GARLAND	BOX 204	CALUMET OK 73014	8932660
WSDOPR	HARRY BEATTIE	304 E DETROIT	PONCA CITY OK 74601	7653862	NSFM	FRANK MCCOLLUM	2421 NW 118	OKLA CITY OK 73120	7513577
KASOPT	JIM CLEMMER	7728 NW 29	BETHANY OK 73008	7877356	KASFMH	JEFF KRUMME	BOX 765 119 S CREEK	HOLDENVILLE OK 74848	3792691
WSDOPY	CHARLES NORTH	118 N OSAGE	PONCA CITY OK 74601	7658136	WSFHX	T VAN WOODY	2517 NW 62 APT 40	OKLA CITY OK 73112	8421663
WSDOPZ	LARRY VEATCH	505 N IRVING	PONCA CITY OK 74601	7623678	KASFNH	DAVID HOLLAR	716 N 4TH ST	WEATHERFORD OK 73096	7727104
KADRB	DICK COHEN	9205 KNIGHTS BRIDGE	OKLA CITY OK 73132	7331359	KASFOC	SUSAN HOLLAR	716 N 4TH	WEATHERFORD OK 73096	7727104
WSDORF	RAY STUCKEY	BOX 274	SHIDLER OK 74651	7934091	WASFSN	LEONARD HOLLAR	710 S 10	KINGFISHER OK 73750	3754411
WSDS	ROBERT EDLUND	ROUTE 2 BOX CS-36	CRESCENT OK 73028	9693651	WDSFUE	ORVILLE KALEY	907 E DUKE ST	HUGO OK 74743	3263640
WSDOSH	ROD HARRISON	8809 N MACARTHUR TERR	OKLA CITY OK 73132	7220911	KASFUU	TOM JOHNSON	1702 FEDDERSON DR	EL RENO OK 73036	2625631
WSDOTL	KEN GODDARD	1021 N TABOR DR	OKLA CITY OK 73107	9464973	WDSFVE	LARRY GROTHE	7800 NW 26	BETHANY OK 73008	7897298
WSDUC	LARRY MARKS	2008 MILLCREEK RD	EDMOND OK 73034	3487000	WDSFVI	GLENN RAWDON	1133 WOODS	NORMAN OK 73069	3642897
KASDUO	LEO PETL	BOX 544	CANTON OK 73724	6862998	KSFVL	DANIEL SCHROEDER	3223 1/2 S WEST ST	STILLWATER OK 74074	3723383

WASFW	GARY STOKES	8900 BOB WHITE RD	YUKON OK 73099	3547685	WASIFR	JOHN IVERS	PO BOX 622	ANDREWS TX 79714	
WSEF	BOB JAMES	2104 N HARKNELL AVE	OKLA CITY OK 73127	7399026	V510B	RONALD TUCKER	1190 NW 106	OKLA CITY OK 73114	7224907
WASFW	BILL HOLLAND	412 S 10TH	YUKON OK 73099	3545018	KCSIH	BOB DURN	7729 NW 26	BETHANY OK 73008	7893866
WASFW	FRED BUFFINGTON	2665 CHATEAU	NORMAN OK 73069		W5IH	HENRY ISRAEL	10301 BAGSMOOD CANYON	OKLA CITY OK 73132	7223849
W5GAI	SKIP CAMERON	2909 WINDSOR BLVD	OKLA CITY OK 73127	9422606	WAS11X	BILL THOMPSON	537 N KICKAPOO	SHAWNEE OK 74801	2797359
W5GAM	RONALD TUTOR	RT 14 BOX 73	MOORE OK 73160	7948254	W5SILE	NIZAM U AHMAD	6808 S HARVEY PL	OKLA CITY OK 73139	
K5G8F	HAROLD PLUNK	2801 CAMELOT DR	OKLA CITY OK 73120		W5SINF	STAN LISMAN	1213 MARY LEE LANE	EDMOND OK 73034	3418166
K5G8N	JOHN FISH	BOX 176	CALUMET OK 73014	8932227	W5SINT	DAVID NELSON	RT 3 BOX 155	TUTTLE OK 73089	3813057
K5G8V	DAVIS EGLE	2735 POPLAR LANE	NORMAN OK 73069	3217570	W5IPN	BOB STARK	RT 1 BOX 22	PONCA CITY OK 74601	
W5G8X	OSCAR STAUDI JR	1414 N OAK DR	OUTHRIE OK 73044	2826508	KAS1PX	LLOYD JOHNSON	632 S N 104 PL	OKLA CITY OK 73139	7946123
K5G8E	FRED TECH	ROUTE 1	CALUMET OK 73014	8932527	W510	RAY BRYAN	BOX 249	KINGSTON OK 73439	5642177
W5G8L	CHESTER HAZELWOOD	4 BOX 608	OKLA CITY OK 73121	4271439	KAS10A	HARRY WOODS	2133 SW 77	OKLA CITY OK 73159	6953790
K5G8M	WALTER COX	RT 1 BOX 83	ARCADIA OK 73007		WAS10H	BILL BLAWLEY	RT 1 BOX 109	ENARS OK 74831	
W5G8E	TOM CHILDERS	16017 NELSON RD	NORMAN OK 73071	3218491	KCS1R	JAMES BENNETT	10417 LEICESTER	YUKON OK 73099	3240749
W5G8Z	GUY STRATTON	6404 STERLING DR N	OKLA CITY OK 73132	7213521	W5S1RB	RALPH BARTON	310 NW 32	OKLA CITY OK 73118	5210330
W5G8E	BILLY WALKER	BOX 2806	NORMAN OK 73070		W5S1RL	DEE CORDRY	1403 S HILES	EL SEMI OK 73036	2500130
KASGFI	JOHN BICKEL	BOX 72	NEEVEN OK 74855	2792038	V5160	BEN ALLEN	101 W. GLENH DRIVE	LOMOCK OK 73034	3404264
W5G8FL	LOUIS FERRELL	2823 CHEYENNE	WOODWARD OK 73801	2542610	KCS1S	H.B. ZACHRY	3505 ROLLING LANE	HIDESTY CITY OK 73119	7327255
K5G8L	GEORGE MASCHINO	RT 2 BOX 4	WYATCHE OK 73762	2637614	KCS1S	JERRY WETHORE	813 NW 21	OKLA CITY OK 73116	5245080
WASGAK	JOE NYAIT	914 S MATH	KINGFISHER OK 73750	3753783	KAS1S8	JEFFREY WAVE	1609 FARMINGTON	NORMAN OK 73069	
W5G8IH	LUTHER BOOTON	2125 SANDRA DR	MIDWEST CITY OK 73110	7304320	W5S1SH	JENNIE PHILLIPS	2948 HILLOREST DR	MOORE OK 73140	7946190
W5G8P	FRED CLARY	RR 1 BOX 144A	BLACKWELL OK 74831	3623995	W5S1SH	DENNIS ORCUTT	3201 S NADIN	EDMOND OK 73034	3400004
K5G8K	D.C. MACDONALD	5120 SE 49	OKLA CITY OK 73135	6748947	W5S1SH	A.B. CLARK	5825 NW 47	OKLA CITY OK 73122	7938893
K5G8X	WILLIS LUMER	3229 SW 71	OKLA CITY OK 73159	4821713	W5S1S0	WENDELL COCHRAN	4308 NW 26TH	OKLA CITY OK 73107	7824308
K5G8L	GUY LIEBHART	3123 LAKEVIEW HAVEN	BETHANY OK 73008	7874547	W5S1SS	DONALD SAUNDERS	3046 CENTER ST	OKLA CITY OK 73120	7510404
W5G8L	EDD MOORE	312 JACKSON	PURCELL OK 73480	5278714	KCS1T	MARC LEONARD	7300 NW 19	BETHANY OK 73008	7874126
W5G8L	RICHARD KIRK	RT 2 BOX 71	KINGFISHER OK 73750	2754843	W5S1TH	EARL DIXON	101 E 10	WENOKA OK 74884	2575584
W5G8L	JOHN HARRIS	1700 SMOKEY HOLLOW	KIDWORTH OK 73034	3480148	W5S1TV	JAMES GRIFFITH	903 PATRICIA DR	TECHNICH OK 74873	5903846
W5G8L	RAFAEL ELIAS	5217 NW 115	OKLA CITY OK 73132		W5S1W2	LYNN SHEARER	10508 GREYSTONE AVE	OKLA CITY OK 73120	7514506
W5G8H	ROBERT JONES	5120 OAK HAVEN DR	OKLA CITY OK 73135	6755217	W5S1VY	CHARLES WHIFFLE	1617 SE 6	MOORE OK 73160	7937446
W5G8H	MIKE WILEY	4304 N ANGELOTTIE	SHAWNEE OK 74801		AUSJ	HUGH COLEMAN	1741 S AIR DEPOT	MIDWEST CITY OK 73110	
K5G8N	WILLIAM WRIGHT	JR. 2105 RAYSLING ROAD	EDMOND OK 73034	3414076	KASJ	DAVID GISSON	413 ORAIL RIDGE RD	NORMAN OK 73069	
W5G8V	G.L. KINAPPLE	308 N JARMAN	MIDWEST CITY OK 73110	7307252	W5S1J	FRANKLIN MORRISON	11201 NW 107	OKLA CITY OK 73114	7517739
W5G8F	BILL SHARP	RT 1 BOX 930	WELLSTON OK 74881		K5J8	JOE BUSWELL	3312 IDLEWILD	MIDWEST CITY OK 73110	7720676
W5G8P	ARTHUR ROBERTS	2941 NW 44	OKLA CITY OK 73112	9425342	K5J8J	LEROY HESS	7312 NW 6A	OKLA CITY OK 73116	8481339
K5G8P	GERALD SHAFIN	4013 VICKIE DR	DEL CITY OK 73115	6729185	W5S1JY	GARY SHIDELL	328 MOHR LANE	MUSTANG OK 73064	3762832
W5G8Z	JIM STENEN	4206 NW 15	OKLA CITY OK 73107	9428664	W5JCB	ELMO BLACK	413 NE 28 TERRACE	OKLA CITY OK 73105	5236467
W5G8Z	KEVIN JOHNSON	1832 VINE ST	NORMAN OK 73069	3216759	W5JCH	A.M. BELL	2713 CASHION PL	OKLA CITY OK 73112	9469648
W5G8Z	GENE K. HARRIS	1432 VINE ST	NORMAN OK 73069	3216759	KASJCY	JOHN MOONEY	113 S ENGLISH	MOORE OK 73140	7948519
W5G8H	DENNIS MASSEY	312 NW 26	OKLA CITY OK 73102	2444760	W5JEB	JOSEPH KOLB	BOX 368	OWEENE OK 73763	1023511
WASGAM	JAMES WHITE	10109 S KLETA AVE	OKLA CITY OK 73139	6715339	W5S1FJ	BILL MACKELVIE	5808 N STERLING DR	OKLA CITY OK 73122	7215705
WASGAM	DOX LATHAM	442 E MOHR LANE	MUSTANG OK 73064	3762832	W5S1FL	BERTIE TODD	RT 6 BOX 88	PARIS TX 75460	7858367
W5G8Y	RAY LUMIN	304 GREENWOOD DR	MIDWEST CITY OK 73110	7313757	W5JOC	JAMES BUCHANAN	3114 WHEELER AVE	BETHANY OK 73008	4952777
W5G8Y	HUBERT PEERY	206 E 45	SHAWNEE OK 74801	2734590	W5S1J0	CHARLES GREENE	3020 NW 33	OKLA CITY OK 73112	9435631
W5G8J0	CHARLIE POWERS	2313 HARRISON PL	OKLA CITY OK 73127	7621701	W5S1NB	MARTIN STOKES	RT 2 BOX 6	CALUMET OK 73014	8932221
W5G8J	FRANKLIN CARTER	RT 2 BOX 336	CHOKTAW OK 73020	6912182	KCS1J	PHIL HALL	RT 2 BOX 1441	HARRAH OK 73045	4542085
W5G8H	BOBBIE SPEER	1440 NOLAN	NORMAN OK 73069	3217300	W5J1	CARL DRUMELLER	5824 NW 58TH	OKLA CITY OK 73122	7893788
W5G8H	KAREN REGER	2408 N BIG CEDAR AVE	EDMOND OK 73034	3417039	K5J1C	AUSTIN DUNNHOOD	516 S CEDAR	SHATTUCK OK 73858	9302685
W5G8G	HANS SCHLUMMER	A-8762	EDMOND OK 73034	3417039	KASJCR	LARRY ARNOLD	4107 N SHAWBROOK DR	MIDWEST CITY OK 73110	7322830
W5G8I	JOHN TANKERSLEY	RT 2 BOX 15CA	NEWCASTLE OK 73065	3374497	K5J1A	J.G. LEISMAN	2224 NORMAN PD NE	PIEDMONT OK 73078	3733758
K5G8D	JOHN CLEMENT	4906 N MERIDIAN	OKLA CITY OK 73112	9425342	KASJLA	BETTY ENGBRECHT	RT 2	OKMACHE OK 73762	2634411
W5G8D	MAURICE WOODS	4420 N HILLCREST	OKLA CITY OK 73116	8421458	KASJLZ	LOUIS MOFFATT	210 N 6	PONCA CITY OK 74601	7622654
KASGEP	JACK MILANO	BOX 25082	OKLA CITY OK 73123	6748759	W5S1NT	TED VAN LANINGHAM	2454 TOWNSEND DR	EL RENO OK 73036	2621675
K5G8H	FRED WRIGHT	3322 SE 25TH	MIDWEST CITY OK 73110	7378784	W5S1OE	WILLIAM WOODS	519 S. FLOOD	NORMAN OK 73069	3297465
W5G8V	IVAN MILLER	4513 NW 31	OKLA CITY OK 73122	9426160	K5J1H	STEWART C. KENNEDY	1109 S 15 ST	CHICKASHA OK 73018	2244362
W5G8H	LEE ROGERS	BOX 343	SARFALO OK 73834	7352400	KASJ10	PAUL CALVIN	BOX 462	NEWKIRK OK 74847	3828968
KASJ10	WATFIELD HOLLEY	2524 NW 34	OKLA CITY OK 73112	9435600	W5S1RF	THOMAS HAYTON JR	1 BOX 145	OKLA CITY OK 73111	4732577
KASJ1V	BOB WHITTINGHAM	5217 N BRUNSON	OKLA CITY OK 73112	9430706	K5S1TE	JOHN GALLWAY	4004 S FAIRMONT AVE	OKLA CITY OK 73129	6705472
K5S1H	HARRY MEYER	6105 SE 7	MIDWEST CITY OK 73110	7326716	W5J1G	VIRGIL RIDGWAY	6449 N PENIEL	OKLA CITY OK 73132	7218411
KASJ1Z	DELINDA HENDERSHAW	4232 NW 112 TERR	OKLA CITY OK 73120	7550362	K5J1H	VERNON DOUGLAS	2121 SW 34	OKLA CITY OK 73119	4344195
W5G8H	HARRY SIZLEY	BOX 113	CARNEY OK 74802	3852660	WASJ1D	T.J. MCNEELY	5805 NW 31	OKLA CITY OK 73122	
W5J1Z	LEE FORREST	6705 SE 8	MIDWEST CITY OK 73110	7372334	KASJ1J	MARTIN BRODY	BOX 14462	OKLA CITY OK 73113	7516781
K5S1H	REV JAMES HOGINTY	BOX 32189	OKLA CITY OK 73132	7215651	K5J1D	WILLIAM WILLIAMS	3652 SUNDALLY DR	MIDWEST CITY OK 73110	7374343
W5S1H	DAVE SNEFFER	BOX 1501	ST PAUL MN 55111		KASJ1W	EARL CONNER	RT 1 BOX 137A	LEVINGTON OK 73051	5275188
W5S1P	DON MCGOON	905 N PRATT	MIDWEST CITY OK 73110	7326749	WASJ1X	NEAL RODGERS	405 N 9TH	PONCA CITY OK 74601	
W5S1P	JIM GREENSHIELDS	19 WOODCREST DR	NORMAN OK 73069	3217981	WASJ1X	ROGER RYAN	BOX 458	NORMAN OK 73070	3446848
W5S1P	JAMES GREENSHIELDS	19 WOODCREST DR	NORMAN OK 73071	3217981	W5J1T	BILL HUMPHREYS	921 NW 87	OKLA CITY OK 73114	8430622
W5S1M	CHARLES JAMPTIN	2124 SW 18	OKLA CITY OK 73159	6856788	K5S1Z	PAUL BRYANT	320 SE 10	MOORE OK 73160	7939496
K5S1P	MARTIN WHITE	2109 S POST RD	MIDWEST CITY OK 73130	7328133	W5J1D	FRED SEALS JR	1005 WALNUT RD	NORMAN OK 73069	3211522
W5S1RC	CLYDE NELSON	1104 SW 65	OKLA CITY OK 73139	6346079	KASJ1G	GERRY FORD	402 - 15TH	WOODWARD OK 73801	2545342
KASJ1H	JOHN FEDDERSEN	12023 ASHFORD DR	YUKON OK 73099	3547685	W5S1RK	DOUG BROWN	5813 NW 31	OKLA CITY OK 73122	9472826
W5S1V	PHILLIP SHERA	PO BOX 7011	MOORE OK 73153	7992051	W5S1R	DR. SAM COLLINS	4201 NW EXXV AN/PM	NEOLA OK 73114	8401895
W5S1T	RONALD BRAGG	BOX 25082	OKLA CITY OK 73125	6864308	W5S1S	DARRELL BOUCHER	RT 1	OKMACHE OK 73762	
W5S1T	RON BRAGG	11104 NW 115	YUKON OK 73099	3732824	W5S1DC	ROYDEN FREELAND	2760 NORMAN RD NE	PIEDMONT OK 73078	3732660
K5S1T	BILL MOORE	BOX 26212	OKLA CITY OK 73126		K5S1DR	BILL OLIVER	414 WESTCHESTER CIRCLE	NORMAN OK 73069	3294333
W5S1TL	PAUL ASPLIN	6902 NW 57	BETHANY OK 73008	7874286	W5S1DI	MEL PERKINS	5701 NW 114	OKLA CITY OK 73132	7225841
W5S1UC	FRANKLIN TRICK	2901 ELMHURST	OKLA CITY OK 73120	8462312	W5S1E	ELLARD FOSTER	5905 NW 42	OKLA CITY OK 73122	7896702
W5S1L	ROBERT ASHBY	2837 NW 19	OKLA CITY OK 73107	9425375	W5S1FL	MIKE LEATHERS	2229 MAPLE DR	MIDWEST CITY OK 73110	7327990
W5S1R	BILL HUGGARD	3300 NE 36	OKLA CITY OK 73121	4272537	W5S1FT	J.W. WARD	3700 N SHANNON	BETHANY OK 73008	7891365
W5S1T	WALTER HILL	4309 N WHEELER	BETHANY OK 73008	7893793	W5S1H	CLARA STORM	6718 NW 30 TERR	BETHANY OK 73008	4956228
W5S1Z	SAM STEPHENS	BOX 550	EL RENO OK 73036	2524872	W5S1HJ	EUGENE RUPERTO	RS 1 BOX 366	WEST ALEXANDER PA 15376	
W5S1Z0	JOHN WORTHAN	10300 KENDALL AVE	YUKON OK 73099	3244077	W5S1KJ	EDWIN KARMU	2725 NW 65	OKLA CITY OK 73116	
KASJ1S	VAY YONE	2009 MACKENZIE	YUKON OK 73099	3244077	W5S1KH	KEN FORD	1918 NW 22	OKLA CITY OK 73106	5283770
W5S1B	LOYD HARGROVE	6112 SE 10	MIDWEST CITY OK 73110	7323841	KASJ1K	KENDALL HAINES	5369 MITCHEL AVE	TINKER AFB OK 73145	6729580
K5S1B	KAY NELSON	317 N AZALEA	BOOKER TX 79005		W5S1LR	ELBRIGE ORA	1129 ROSEDALE	PONCA CITY OK 74601	7855130
W5S1BI	H.R. WICKISSACK	4334 NW 53	OKLA CITY OK 73112	9476351	W5S1OZ	SID GERBER	829 EAST BOUSE	MIDWEST CITY OK 73110	7371050
KASJ1V	BRUCE BARNES	BOX 974	NOBLE OK 73063	8725518	W5S1PH	PHIL WHITHAM	1309 POLK	ALTUS OK 73521	4823781
W5S1CC	DAVE FERRIS	RT 4 BOX 43	ANADARKO OK 73005		W5S1PH	DAUGHT DENNIS	709 E SUTHERLAND	ALTUS OK 73521	4824649
W5S1DE	HARRY SCHOENHALS	BOX 435	BETHANY OK 73008	7894433	K5S1T	DAVID BAUGH	3913 N SHANNON AVE	BETHANY OK 73008	7874183
KASJ1G	ALVA PETTIT	RT 6 BOX 621	SHAWNEE OK 74801	2735195	KASJ1C	ALLAN MACARTHUR	BOX 1231	NOBLE OK 73068	8728578
KASJ1G	MAX COCHRAN	3201 NW 42	OKLA CITY OK 73112	9423925	KASJ1D	JOE BURN	409 NE 60	OKLA CITY OK 73105	
KASJ1D	JENNIE CASH	BOX 1355	WENOKA OK 74884	2572243	W5K1UJ	CLARENCE HERRON	3417A BELT AVE	ST LOUIS MO 63120	
W5S1FB	DONALD CHAMBERS	318 S HARDING	ENID OK 73701	2390373	W5K1VA	PHIL VIEUX	BOX 604	HAYSVILLE OK 73057	

W500K	CHARLES KING	6009 NW 54	OKLA CITY OK 73122	7694836	KASMPH	ARHITA DOMMAN	RT 1 BOX 57	HARMON OK 73832	9392475
KAS00K	VICTOR JOHNSTON	BOX 26384	OKLA CITY OK 73126	9542482	KASMP1	LARRY WILLIAMS	7028 S. LINN	OKLA CITY OK 73159	6814971
K500L	MELVIN MILLER	11 SENECA	SHAWNEE OK 74001	2738110	W500RO	DON HAYES	508 MOCKINGBIRD N	ALTUS OK 73521	4824366
K500V	TOM GARDNER	RT 5 BOX 155	GUTHRIE OK 73044		W500SV	ROBERT GRAHAM	3317 SE 24	DEL CITY OK 73115	6778685
W500LAE	EUGENE BIRAU	308 DEBOTE LN	TECUMSEH OK 74873	5985631	W500TL	GEORGE LAGALY	7920 NW 18	OKLA CITY OK 73127	7894073
W500LAF	JOE CARLTON	716 E COMMERCE	ALTUS OK 73521	4824459	KAS00T	KLAUS WRAPER	2212 S.W. 29	OKLA CITY OK 73119	6317223
KAS00F	WAYNE CAMPBELL	7237 SEMINOLE TERR	OKLA CITY OK 73132	7214294	W500UT	GILLA WOOD	RT 1 BOX 152	SHAWNEE OK 74801	2731394
W500BK	ROBERT GREENE	2711 JEWELL DR	ARLINGTON TX 76016		W500UX	REGGY WHITED	1032 NW 26	MOORE OK 73160	7991457
W500LON	STEVE GUERRA	5100 EDGECLIFF	WICHITA FALLS TX 75302		KAS00VU	ROSS MCCARTY	11824 LARKDALE DR.	YUKON OK 73099	3245127
K500E	FRED CHAPMAN	1202 WESTLAKE	NORMAN OK 73069	3645595	W500YX	LARRY GRIFFIN	306 E KEY BLVD	MIDWEST CITY OK 73110	7338110
K500I	TOM HANAWAY	3913 S MADLE	OKLA CITY OK 73129	6775291	W500ZS	LARRY HAZELWOOD	700 NW 48	OKLA CITY OK 73118	8486400
K500L	GLEN FRANKLIN	512 S WACONS	EL RENO OK 73035	2623573	W500ZS	LARRY HAZELWOOD	BOX 54925	OKLA CITY OK 73154	8424403
W500LER	JOHN SHIED	4017 LEONARDOT DR	DEL CITY OK 73115	6773404	AR00	ROBERT RAYMON	6013 TIPI RD RFD 2	YUKON OK 73099	3731818
W500FK	JOE KELLY	300 W MAIN ST	MOORE OK 73160		AC50	VESTAL NICHOLS	5002 N. BEAVER	BETHANY OK 73008	7892319
W500FN	JIM KEARNS	11312 WILLOW GROVE	OKLA CITY OK 73120	9475446	W500RA	DAVE ROPER	7312 HUMMINGBIRD CIR	OKLA CITY OK 73132	7222151
W500LO	PAUL DAYS	1525 GLENWOOD	MOORE OK 73160	7958180	W500BV	BOB VOTAW	BOX 21	BETHANY OK 73008	4950030
W500LH	DOUGLAS WAGERS	3109 NW 62	OKLA CITY OK 73112	8428571	W500DU	CLAUDE COOK	2216 KEENS DR	MUSTANG OK 73064	3769175
W500LR	BOB WILLIAMS	1505 SUNWAY	OKLA CITY OK 73127		W500EA	JACK COCHRAN	204 W MARSHALL DR	MIDWEST CITY OK 73110	7328029
K500IL	EDWARD MURTA	4408 NW 47	OKLA CITY OK 73112	9469200	W500EZ	BOB DINGMORE	6612 NW 26	BETHANY OK 73008	4955739
W500IL	VIRGIL KERR	5909 NW 45	OKLA CITY OK 73122	7055834	W500OC	OLIVER MEERS	BOX 236	SNYDER OK 73566	5692709
K500LX	RAY SELBY	PO BOX 465	KIMFISHER OK 73750	3754354	W500HD	R. L. RAY	13 E JANICE # 102	YUKON OK 73099	3546241
W500NB	WILLIAM WOOLRIDGE	921 NE 13	OKLA CITY OK 73104	2323452	W500HK	AL BRUNING	RT 4 BOX 100	CHOCTAW OK 73020	3902983
W500NX	ODIS WILSON	BOX 6290	MOORE OK 73153	7944616	W500HY	LYLE HAHNSTEIN	204 N EASTERN	SHAWNEE OK 74801	2737386
K000T	LEO NEYER	2617 LOST TRAIL RD	EDMOND OK 73034	3413390	K500J	DAVID SHULTISE	1519 24TH	WOODHARD OK 73801	2543289
KAS00PC	DANIEL ELLIS	RT 4 BOX 779	SHAWNEE OK 74801	2751478	K500K	CECIL SHELTON	1212 SW 92	OKLA CITY OK 73139	6913632
W500PV	HAROLD HANSON	937 NW 104	OKLA CITY OK 73114	7516097	W500K	COY DAY	RT 3 BOX 1630	OWASSO OK 74055	
KAS00RS	PERRY HYDE	2008 OK	DUNCAN OK 73533	2522746	W500KJ	DONALD DONOVAN	2524 MURRAY DR	MIDWEST CITY OK 73110	7377120
K500LS	JAMES MOLLEDAUL	320 SATURN	ALTUS OK 73521	4827938	W500LO	PAUL ABEL	RT 8 BOX 180	SHAWNEE OK 74801	2734622
W500LT1	LARRY KEIN	7700 NW 27	BETHANY OK 73008	7891097	W500LX	LEE SCHILLER	908 N MARSHALL	MIDWEST CITY OK 73110	
W500LTJ	BILL JONES	12629 TEANWOOD	EDMOND OK 73034	7713198	K500HM	LARRY REUSSER	1832 W CEDAR RIDGE	MUSTANG OK 73064	3763985
W500LTJ	LEONA STULTS	PO BOX 59	CALUMET OK 73014	8932561	W500NL	JOHN OMENS	1610 N OKLAHOMA	SHAWNEE OK 74801	2735948
W500LTK	VIRGINIA TECH	ROUTE 1	CALUMET OK 73014	8932527	W500O	WILLIS RIDINGS	RT 1 BOX 74	FT SUFFLY OK 73841	4892291
W500LTH	TIM HAULDIN	3033 SW 60	OKLA CITY OK 73159		W500PP	NELVIN ZUCK	STAR RT C BOX 294	KINGSTON OK 73439	5640842
KAS00TH	ARNOLD BARTON	RR 1	MOORELAND OK 73852	9945976	W500OC	JOHN HOLDER	532 SILVER MEADOW	MIDWEST CITY OK 73110	7375806
W500LUI	DAVID WHITE	BOX 766	MOORELAND OK 73852	9945574	K500OD	CARL BOWER	107 E PULASKI	SHAWNEE OK 74801	2738553
K500LU	KENNY BONGARDNER	2 BOX 141	TUTTLE OK 73089	3312548	K500OU	HARRY WATTS	RT 1 BOX 7	VICT OK 73059	9954761
KAS00LV	HAROLD GUYER	628 N DALLAS	MOORE OK 73160	7947398	W500U	GORDON JONES	BOX 73	NORMAN OK 73070	3254075
W500LX	RAY KING	1404 SHERRY LANE	SHAWNEE OK 74801	2735215	W500UN	O.C. ELFERS	RFD 2 BOX 20	LOGAN OK 73849	8375492
KAS00ZD	AL THRELFALL	8316 NW 117	OKLA CITY OK 73132	7215637	W500VT	ROD FORD	PO BOX 253	GAGE OK 73843	9213081
W500ZD	ROSALIE STOKES	RT 1 BOX 3	CALUMET OK 73014	8932221	W500LJ	EVERETT COX	9624 CASTLE RD	OKLA CITY OK 73132	7214617
K500ZF	BOB ALWARD	711 N 1ST	TECUMSEH OK 74873	5985149	W500IX	BOY MILLS	PO BOX 10506	MIDWEST CITY OK 73140	
KAS00ZLN	GREGORY SMITH	8282 E 33 PL	TULSA OK 74145	3252418	W500YN	ED MURAR	3100 NW GRAND BLVD	OKLA CITY OK 73116	8425444
A18H	DAVE WILHEMIN	331 COURTLAND	ELYRIA OH 44035		W500ZE	TOMMY STINSON	2721 LYONS BLVD	OKLA CITY OK 73107	9423214
KESM	RON REGER	2408 W BIG CEDAR AVE	EDMOND OK 73034	3417030	W500A	* ACAC	POSTAL STATION 18	OKLA CITY OK 73149	
W500CJ	JEROME BROUDY	1920 WESTBROOKE TERR	NORMAN OK 73069	3290362	K500DE	MARY BRYAN	BOX 249	WINSTON OK 73439	5642177
W500CH	BOB SINGLETARY	2830 NW 22	OKLA CITY OK 73107	9466840	W500BY	RAMSEY RUSSELL	200 WALLACE	HOLDENVILLE OK 74042	
W500CN	LELAND BLACK	726 WOODS	NORMAN OK 73069	3293227	W500PC	BOB SEE	1708 E WOODLANDS	PONCA CITY OK 74601	7124426
W500CP	REX HEFNER	RT 2 QUARTZ MTN LODGE	LOHMEYER OK 73855		W500PH	FRANK ARNOLD	608 HOLLOWAY DR	MIDWEST CITY OK 73110	7372582
W500CR	A.L. MCINNIS	RT 2 BOX 161	CROWELL TX 79227	6852453	W500PIH	MICHAEL MCCLROY	5509 NW 66	OKLA CITY OK 73132	7222466
W500CS	J.D. BROWN	BOX 730	CROWELL TX 79227	6841726	K500PER	JAMES L. JONES	1021 SW 61	OKLA CITY OK 73139	4345253
KAS00EX	DR. CAROL BOROM	RT 2/6EN2	TUTTLE OK 73089		W500PFK	RALPH WILDER	811 N BURFORD	WATONGA OK 73772	6235421
W500EL	LEONARD HANSTEIN	5927 NW 45	OKLA CITY OK 73122	7697201	W500PFV	RALPH WATKINS	1414 W SHUTTEE	EL RENO OK 73036	2620436
W500EP	DICK STROUHAL	3308 RIDGEMOOD DR	MIDWEST CITY OK 73110	7338029	W500PD	RON TICE	RT 1 BOX 63	MOORELAND OK 73852	9942138
W500GZ	PERRY JONES	711 N 5TH ST	WEATHERFORD OK 73096	7721063	W500PHJ	JAMES DAWSON	1005 PINE OAK DRIVE	EDMOND OK 73034	3416337
W500HIF	DAVE HARTER	1628 W MAIN	OKLA CITY OK 73106	2360491	K500PIA	IRVING APPEL	1145 NW 26	OKLA CITY OK 73106	5290132
W500I1Z	R.E. MEYERS	BOX R	SAN GABRIEL CA 91778		W500PJE	STEPHEN SUCHANEK	55 WATKINS AVE	EAST SLIP NY 11730	
W500LH	N.A. KIRKLAND	RT 1 WFOUST	BLUEJACKET OK 74933	5401228	K500PJ	BOB WILLIAMS	316 NW 184	EDMOND OK 73034	3415529
W500LJS	CHARLES SMITH	313 MERCURY	ALTUS OK 73521	4771078	W500PLG	CHARLES KEINAMER	16 KESWICK CIRCLE	CHESAPEAKE VA 22020	
K500KJ	SIDNEY WITT JR	2541 NW 50	OKLA CITY OK 73112	9499642	W500PLH	WINDLE HATCHETT	PO BOX 11	FT SUFFLY OK 73841	7403561
W500LN	HOBE BURGAN	2504 NW 119	OKLA CITY OK 73120	7511846	W500PNO	BETTY GILLIAM	1400 ADAMS	ALTUS OK 73521	4827404
W500LNT	H O TOWNSEND	2324 MORGAN DRIVE	NORMAN OK 73069	3254425	W500PL	CECIL CASH	1892 SMITH AVE	LANTON OK 73501	
W500LX	GLEN COCHRAN	1925 STERLING DR	OKLA CITY OK 73127	9427148	W500PHH	TOMMY HOLZHAN	RT 2 BOX 336	CHOCTAW OK 73020	3913096
W500NG	TED NEWCOMB	11216 N BRADY	OKLA CITY OK 73114	7512801	K500PNT	PHILLIP HUNSBARGER	235 CEDAR AVE	ALTUS AFB OK 73521	4823017
W500NM	JERRY ROCHELLE	513 SATURN	ALTUS OK 73521	4824236	W500POW	LARRY STEWART	4138 NW 62	OKLA CITY OK 73112	9461461
KAS00NN	LOUIS RUSSELL	BOX 1203	NORMAN OK 73076	3214931	K500POX	MARGARET JACKSON	RT 1 BOX 2148	LEXINGTON OK 73051	
KAS00OC	BURT FAIRCHILD	9901 S ROSS AVE	OKLA CITY OK 73159	3245215	W500PDC	ROBERT MADOLE	10149 SOUTHRIDGE DR	OKLA CITY OK 73159	
W500PA	JAMES FLETCHER	RT 1 BOX 319	NEWCASTLE OK 73065	3874056	W500POX	GLORIA MENG	24 COMANCHE CIR	SHAWNEE OK 74801	2732787
KAS00PK	GARY ALEXANDER	2001 CANARY LN	ALTUS OK 73521	4829857	W500PS	PAT SHERRILL	3721 NW 27	OKLA CITY OK 73107	9432179
W500RG	DANIEL ROSE	4015 ANCHOR DR	OKLA CITY OK 73107	9407397	W500PT	PAUL THOMPSON	3813 CROMWELL	OKLA CITY OK 73112	9491963
W500S	MICHAEL SALEN	1324 LINCOLN	NORMAN OK 73069	3219453	W500PTH	ART ENGLISH	9604 NE 10	MIDWEST CITY OK 73130	7323401
W500SD	GEORGE TROTTER	402 W MAIN	CHESTER OK 73028	5962526	W500PTQ	MERRILL SCOTT	6204 NW 22	BETHANY OK 73008	4952828
KAS00UL	LOYD CARRELL	316 MOISELLE DR	MIDWEST CITY OK 73110	7321449	W500PWO	FRED SHOPE	1316 SW 71	OKLA CITY OK 73159	6856045
K500UT	N.B. CATLIN	BOX 412	BUFFALO OK 73834	7352050	W500PXY	LARRY MOONEY	4212 BUTTWOOD RD	FT WORTH TX 76133	
KAS00VN	GLENN MORRIS	305 E RICKENBACKER	MIDWEST CITY OK 73110	7375681	W500PZ	ROBERT WHITE	3324 S LINN	OKLA CITY OK 73159	6819222
KAS00W	NATHAN KIRBY	BOX 355	SANDOWN IN 0873		W500PZ	TOM SIRILO	1114 TEAKWOOD	YUKON OK 73099	3542790
KAS00YY	CHRIS SARTORIUS	7261 SKYLARK LN	OKLA CITY OK 73132	7289058	W500Q	CECIL BORIN	3244 S. KLEIN	OKLA CITY OK 73109	6341960
W500Z1Z	ROSS DUNNITHOOD	516 S CEDAR	SHATTUCK OK 73853	9493685	K500Q	ROBERT MOORE	2721 MERIDIAN PL	OKLA CITY OK 73127	9455713
AESN	DONALD DUCK	3913 SW 24	OKLA CITY OK 73108	6810133	K500OR	JOHN HUCKABY	5503 S SUNNYLANE W	OKLA CITY OK 73135	6724089
KESN	JOHN HUSTENBERG	BOX 157	WANNETTE OK 74878	3812230	W500OY	HARVEY BATES	419 MONTEREY AVE	LIBERTY MO 64068	
W500BH	HERMAN IRWIN	4345 SE 12	DEL CITY OK 73115	6771309	W500OYH	CARLA TICE	RT 1 BOX 63	MOORELAND OK 73852	9942138
K500C	DAVID LANGLEY	RT 1 BOX 571-7	CONOVER NC 28613		K500OJ	FRANK FIELDS	RR 2 BOX 239	LAWRENCE KS 66044	
K500C	ARTHUR GRAFING	10329 GLASCOW DR	YUKON OK 73099	3240613	W500OLL	FOY PULLIAM	8006 NW 30	OKLA CITY OK 73132	7222076
K500C	RICH ZANNI	BOX 114	MOULDER CA 95057		W500ONK	CHARL HOROWITZ	1801 LOGAN DRIVE	NORMAN OK 73069	3601819
W500ND	HERBERT KENNEY	2909 LANSOWNE LN	OKLA CITY OK 73120	8426595	K500NN	RICHARD WOOD	3400 EASTWOOD CIR	DEL CITY OK 73115	6770363
W500ND	KATHY WHITED	1032 NW 26	MOORE OK 73160	7991457	K500OU	CHRIS ROYCE	1623 SHEFFIELD DR	NORMAN OK 73071	3643848
W500NR	ALAN PERKINS	100 SPRUCE DR	YUKON OK 73099	3546520	W500OY	JAMES CURRY	6045 SW 22	OKLA CITY OK 73128	6825185
W500NFV	GEORGE STRICH	JR BOX 37 POST RD	HAYS LANDING NJ 08300		W500YI	BILL JESSUP	11824 AZALEA CT	PIEDMONT OK 73078	3648761
W500NI	BILL HULSE	7933 N TROOST	KANSAS CITY KS 64118		AB4R	J.A. WRIGHT	RT 6 BOX 1084	FRANKLIN NC 28734	
KAS00IX	BART LAWSON	BOX 381	MOORELAND OK 73852	9945940	W500RAQ	WILLIAM ROGERS	1121 SW 53	OKLA CITY OK 73109	6324375
K500K	CHUCK WILHITE	7144 COMANCHE AVE	OKLA CITY OK 73132	7216225	W500RAX	DONALD SULLIVAN	7420 NW 19	BETHANY OK 73008	
W500NL	FRED BOARDMAN	2900 BIRD DR	OKLA CITY OK 73121	4272505	W500RB	HAROLD GILBERTSON	4515 S SANTA FE	OKLA CITY OK 73109	6344822
W500NR	TOMMY MCDANIEL	12 CHICKASAW	SHAWNEE OK 74801	2734125	W500RC	BOB MAY	1208 NW 122	OKLA CITY OK 73114	7512048
KAS00NT	TIM SARTORIUS	7261 SKYLARK LN	OKLA CITY OK 73132	7289058	W500RCR	FRANK PICKENS	3817 WINIFRED DR	FT WORTH TX 76133	2921279

WASREA	DONALD MARTIN	7102 S MCNICOLE	TIMBER AFB OK 73145	7333074	WBSUOE	JOHN SHAW	BOX 310	BEAVER OK 73932	6253368
WASREC	RAY MILLER	1817 E ASH	ENID OK 73701		WBSUOH	THOMAS BOWEN	1005 PATTERSON DR	MOORE OK 73160	
WASREC	MARK D. ADAMS	901 BRETT	EDMOND OK 73034	3487947	WBSUOV	CHARLES BURSEY	RT 1	CROWELL TX 79227	6552387
WASREY	RAY JANKA	2708 HINDSOR BLVD	OKLA CITY OK 73127	9424146	WASUOY	JOHN GRIFFITH	RT 2 BOX 486	PONCA CITY OK 74601	7628076
WCSRH	WILLIAM GILLILAND	2012 GOLDEN OAKS	JONES OK 73049	3995693	KSURJ	PERRY MCWARTER	3418 NM 29	OKLA CITY OK 73107	9461532
WCSRH	BILL COURTRIGHT	11824 AZALEA CT	OKLA CITY OK 73127	4951636	WBSUWH	JACK PERRY	3108 NM GRAND BLVD	OKLA CITY OK 73116	8425606
WBSRHH	ED JESSUP	2707 GRIMES AVE	PIEDMONT OK 73078	3648741	WASUTO	STEVE WALZ	BOX 222	CHEROKEE OK 73728	5962047
WBSRJ	LEROY GRIMES	3009 MCILLIAN	EL RENO OK 73036	2621185	WASUTR	ODIE BRIDGEWATER	413 E WILLIAMS DR	MOORE OK 73160	7991193
WBSJR	LARRY VORHEIS	3000 GLEN OAKS	BETHANY OK 73008	7899629	WBSUUX	CHARLES MCCOY	226 HINDSA DR	NORMAN OK 73069	3211061
WBSRYA	GLENN SHARPE	PO BOX 59	HIGHWEST CITY OK 73110	7374594	YSAN	MICHAEL WHALEN	20708 PRAIRIE HILLS	CHARRAH OK 73045	4543791
WBSLH	JAMES STULTS	BOX 176	CALUMET OK 73014	8932561	WSUW	H.H. THOMPSON	2505 STILL MEADOW RD	EDMOND OK 73034	3401234
WASRLP	MARGARET FISH	BOX 162	CALUMET OK 73014	8932227	WSUW	LOUIS DESTOLINSKI	11037 CRUCE	NORMAN OK 73069	3213344
WBSRM	WILBUR BENSON	RT 2 BOX 478	DOVER OK 73734	8284211	WBSWAE	JACK LOVEGROVE	4432 NM 11 TERR	OKLA CITY OK 73107	9462966
WBSRP	WILLARD HINES	BOX 5362	OKLA CITY OK 73114	4781583	WASVAD	HAROLD TODD	1300 SW 62	OKLA CITY OK 73159	6850685
WBSRP	SAM BARRETT	943 CHAUTAUCUS	NORMAN OK 73070	3212601	WASVAV	WOODY EMBRY	916 N BROOKS	NORMAN OK 73069	
WBSRDB	HAROLD HARDY	2229 HUNNIBIRD	NORMAN OK 73069	3212890	WBSVBE	ROBERT MOORE	6501 N BARR	OKLA CITY OK 73132	7216142
WBSRB	CLARENCE DOLLMEYER	29 GLENDA DRIVE	LAMEEDHND OK 73034	3417160	WBSVVB	ASA SMITH	BOX 196	HARRAH OK 73045	
WBSRB	CHARLES COFFEY	8404 NM 101	YUKON OK 73099	3543385	WBSVVB	JIM TOWNSEND	6610 S SHIELDS	OKLA CITY OK 73149	6325445
WBSRR	JOHN BEATTY	1205 E CHANDLER	OKLA CITY OK 73132	7215395	WBSVVB	STEVE STEVENS	BOX 976	EDMOND OK 73083	3413486
WBSRS	BOB GUILLEY	102 E 2ND APT 302	SHARREZ OK 74001	2784190	WBSVVB	KENNETH FIELDS	BOX 435	MCCLLOUD OK 74851	3915304
WBSRT	GLENN WATKINS	227 ELM DR	JOPLIN MO 64801	4821155	WBSVVB	BERNIE POSSENRIEDE	8309 BROOKRIDGE	OKLA CITY OK 73132	7210720
WBSRT	BILL FLATTERY	2508 NM 58 PLACE	ALTUS OK 73521	8436890	WBSVVB	A.B. CHANEY	BOX 108	WENOKA OK 74884	2575801
WBSRP	WILLIAM WICKIN	604 N JUNIPER AVE	OKLA CITY OK 73112	7226195	WBSVVB	J.B. BILLS	BOX 455	HOLDENVILLE OK 74048	3793992
WBSRP	GEORGE ADKINS	BOX 32735	MIDWEST CITY OK 73120	7226195	WBSVVB	VERNON PHELPS	3821 SW 27	OKLA CITY OK 73108	6816861
WBSRG	GRADY SKILLERN	1001 N MURRAY BLVD	OKLA CITY OK 73120	7226195	WBSVVB	MARY ANN HYATT	914 S MAIN	KINGFISHER OK 73750	3753783
WBSRG	RICK NELSON	4109 NM 31ST	PONCA CITY OK 74501	7653411	WBSVVB	ROONEY JUMP	8709 S LINN AVE	OKLA CITY OK 73159	6817350
WBSRG	JAMES KERR	3213 N SHANNON AVE	COLORADO SPRINGS CO 80915	80915	WBSVVB	FRED HOWELL	3901 ROSEWOOD DR	MIDWEST CITY OK 73110	7331341
WBSRG	LYEAL AMOS	7014 NM 61	OKLA CITY OK 73112	9477098	WBSVVB	IVIE SHAW	BOX 300	GOTEBO OK 73041	5584747
WBSRG	DONALD ROWER	1939 S.W. 11	BETHANY OK 73008	7695298	WBSVVB	DARRELL GOULDER	JR1107 FOREMAN RD NE	YUKON OK 73099	
WBSRG	BILL DEMAND	2317 NM 121	BETHANY OK 73008	7212119	WBSVVB	JIM WILLIAMS	6400 NM 30 TERR	BETHANY OK 73008	7890769
WBSRG	DONALD FISHER	RT 1 BOX 140	OKLA CITY OK 73108	2028050	WBSVVB	LARRY BREWER	14685 S E 23	CHOCTAW OK 73020	3908126
WBSRG	LUCILLE STINE	1612 FRONTIER	OKLA CITY OK 73120	7515137	WBSVVB	KENNETH EASON	7132 NM 21	BETHANY OK 73008	7892200
WBSRG	O.E. HALLEY	RT 2 BOX 238	NORMAN OK 73069	3874943	WBSVVB	MELVIN HOOD	RT 1 SW-9	MCCLLOUD OK 74851	9445612
WBSRG	JOHN LOFFLAND	1232 E LOUISIANA	STILLWATER OK 74074	3925486	WBSVVB	MIKE SCHENKEL	1211 SOUTH MAIN	ALTUS OK 73521	4821797
WBSRG	JESS SPEER	1400 MELROSE	TUTTLE OK 73089	3641349	WBSVVB	CHARLES STUTTLE	6118 LONGWOOD RD	LITTLE ROCK ARK 72207	
WBSRG	O.J. WATKINS	916 N JUNIPER AVE	NORMAN OK 73071	3217302	WBSVVB	ROBERT KELLEY	3400 BROCK DR	OKLA CITY OK 73119	6328432
WBSRG	CLEO WADDE	1025 SE 42	NORMAN OK 73069	7321085	WBSVVB	LEE LASH	1403 N PURDUE	OKLA CITY OK 73127	9420177
WBSRG	JACK INAN	3909 NM 69 TERR	MIDWEST CITY OK 73130	7321085	WBSVVB	DON BOWERS	8200 NM 87	OKLA CITY OK 73132	9427738
WBSRG	R.E. MORSE	5320 NM 114	OKLA CITY OK 73116	7223190	WBSVVB	THELMA WOOD	4740 ELM VIEW DR	DEL CITY OK 73115	6722747
WBSRG	JAMES SROUFE	305 CEDARDALE	OKLA CITY OK 73132	4952946	WBSVVB	RALPH SHOCKLEY	912 S CAIN	LIBERAL KS 67901	
WBSRG	DAVID PEARSON	121 E PERRYLANE	OKLA CITY OK 73127	4952946	WBSVVB	SAM GOVER	5400 S LEE	OKLA CITY OK 73109	6342510
WBSRG	SIDNEY ROSE	3812 NM 27	MUSTANG OK 73064	9465719	WBSVVB	JOHN ZITLOW	309 W SILVERWOOD DR	MIDWEST CITY OK 73110	7332765
WBSRG	DON GRAMM	4715 CHURCHILL DOWNS	OKLA CITY OK 73107	9465719	WBSVVB	BOB ELS	1042 LESLIE LAKE	NORMAN OK 73069	3645523
WBSRG	JIM LAWSON	RT 14 BOX 162	NORMAN OK 73069	7946873	WBSVVB	CHARLES SHEAFFER	2336 NM 46TH	OKLA CITY OK 73112	8435052
WBSRG	JOE RANAGE	4401 S AGNEW	MOORE OK 73165	6854814	WBSVVB	BILL RIDDLES	2647 NM 55 PL	OKLA CITY OK 73112	8435092
WBSRG	GARY HAROLD	404 W GREENWOOD	OKLA CITY OK 73119	6854814	WBSVVB	KEN FRANKS	BOX 1159	BETHANY OK 73008	4951494
WBSRG	BEN GARD	RT 1 BOX 234	MUSTANG OK 73064	3793112	WBSVVB	HOWARD RIDGWAY	2400 NM 33	OKLA CITY OK 73112	9467610
WBSRG	PAT GARD	RT 1 BOX 234	HOLDENVILLE OK 74048	3793112	WBSVVB	JACK TIPTON	RT 1 BOX 119	GUTHRIE OK 73044	2823082
WBSRG	BILL BRODIE	2537 EDGEWOOD DR	MOORE OK 73160	7949404	WBSVVB	VIRGINIA BENEDICT	RT 1 BOX 69	HITCHCOCK OK 73744	8255302
WBSRG	MARY LOU HANKIN	2833 NM 115 PL	OKLA CITY OK 73120	7552121	WBSVVB	DALE DIENL	3912 NM 59TH	OKLA CITY OK 73112	9435438
WBSRG	BOB OWENS	BOX 204	YUCAIPA CA 92399	7552121	WBSVVB	BILL SHERER	4105 NM 62	OKLA CITY OK 73112	9421617
WBSRG	JOE NELSEN	11705 N LEE	OKLA CITY OK 73114	7552121	WBSVVB	RICHARD SJOBERG	3844 RIVERSIDE DR	BETHANY OK 73008	7893476
WBSRG	A.L. HODGE	4145 NM 61 TERR	OKLA CITY OK 73112	9464299	WBSVVB	J. LESLIE HOFF	110 SW 49	OKLA CITY OK 73109	
WBSRG	MAJ C.C. DUMELLER	7 WENTWORTH PL	OKLA CITY OK 73107	9427306	WBSVVB	KENNETH BECKLOFF	RT 1 BOX 90A	OAKWOOD OK 73458	8913499
WBSRG	DON MORRIS	2805 NM 22	OKLA CITY OK 73128	6852867	WBSVVB	O.G. MCCLURG	309 TIM HOLT DR	HARRAH OK 73045	4542381
WBSRG	RICHARD BAKER	2400 S MACARTHUR	NORMAN OK 73069	3217634	WBSVVB	JESS MCKENZIE	2632 TRENTON	NORMAN OK 73069	3291543
WBSRG	PETE HOWARD	1521 LESLIE LAKE	OKLA CITY OK 73113	9464299	WBSVVB	HAVEN HANKIN	425 NM 38	OKLA CITY OK 73118	5240094
WBSRG	PAUL HEAD	1515 NM 45	TECUMSEH OK 74873	5465994	WBSVVB	GORDON RICHMOND	RT 1 BOX 4	MOORELAND OK 73852	9945394
WBSRG	HERBERT HILTON	RT 4 BOX 526	OKLA CITY OK 73173	5465994	WBSVVB	DAVID LAND	2512 BONNIE	PONCA CITY OK 74601	7628516
WBSRG	TOMMY TODD	717 TURTLECREEK RD	WENOKA OK 74884	2572748	WBSVVB	HENRY STOKES	10401 KENDAL AVE	YUKON OK 73099	3240220
WBSRG	ROBERT LEITCH	RT 2 BOX 432	OKLA CITY OK 73141	3245418	WBSVVB	JAMES SEALS	RT 1 BOX 139-S	TUTTLE OK 73089	3812005
WBSRG	MONTIE FISHER	BOX 19607	HUGO OK 74740	7559440	WBSVVB	JOHN BULGER	6795 CONNAIR RD RM 22	EL RENO OK 73036	2625758
WBSRG	RON HENSON	RT 2	PONCA CITY OK 74601	4830402	WBSVVB	CLARENCE SITTEL	2633 NM 45	OKLA CITY OK 73112	9474015
WBSRG	JAY WILLIAMS	1504 POTOMAC	ALTUS OK 73521	9424314	WBSVVB	MALLACE WILSON	6345 NM 63 APT 177	OKLA CITY OK 73132	7226916
WBSRG	SHERWOOD HARRIS	1216 N LEE	OKLA CITY OK 73112	9424314	WBSVVB	RICHARD ROGERS	4400 WOODEDGE DR	DEL CITY OK 73115	6722416
WBSRG	RAY LONG	3207 NM 47	HOLDENVILLE OK 74048	3793149	WBSVVB	JAMES LIPP	1501 OAKHILL LANE	OKLA CITY OK 73127	7895677
WBSRG	YVONNE WARRINER	BOX 917	SHARREZ OK 74001	2784119	WBSVVB	STAN BOLIN	812 S ST PAUL	MIDWEST CITY OK 73130	7332239
WBSRG	BILL WARREN	4405 SISON RD	NORMAN OK 73069	3215311	WBSVVB	JOHN SPIVEY	4705 N KELLEY	OKLA CITY OK 73111	4273519
WBSRG	JACK BICKHAM	2600 BEAURIE DRIVE	OKLA CITY OK 73123	3649561	WBSVVB	KEITH KAUFFMAN	716 WESTRIDGE TERR	NORMAN OK 73069	3407515
WBSRG	ALFRED PRINCE	BOX 32573	NORMAN OK 73069	3649561	WBSVVB	JOHN LEWIS	RT 14 BOX 45	MOORE OK 73165	7943953
WBSRG	CHARLES WARNER	3301 GREENWOOD DR	OKLA CITY OK 73109	6321922	WBSVVB	EARNEST WOLF	611 NM 94	OKLA CITY OK 73114	8483425
WBSRG	KEN BURDICK	616 SW 40 TERR	OKLA CITY OK 73071	3640030	WBSVVB	JOE SCHILLING	1409 SW 66	OKLA CITY OK 73159	6815884
WBSRG	GLENN BASINGER	1511 ROCKRIDGE G	HOLDENVILLE OK 74048	3793149	WBSVVB	CHARLES SULLIVAN	5012 W GEORGE GREEN	OKLA CITY OK 73122	7211978
WBSRG	JOHN WARRINER	BOX 917	BLACKWELL OK 74631	3632523	WBSVVB	DON BAUCON JR	RT 2 BOX 2	MONTGOMERY AL 36109	
WBSRG	MARSH PRONKNEY	RT 2 BOX 144	MOORE OK 73069	3215311	WBSVVB	AL JAKUBOWSKI	2821 CHERRY	HARRAH OK 73045	4542919
WBSRG	WILLIE KENNEDY	RT 1 BOX 454	EL RENO OK 73036	2621185	WBSVVB	BOYLE HOUSTON	1708 RICHWAY	WOODWARD OK 73801	2567683
WBSRG	MARY GRIMES	2707 GRIMES AVE	EL RENO OK 73036	2621185	WBSVVB	DELBERT FOLLES	510 E BLAKELY	PONCA CITY OK 74601	
WBSRG	E.J. NICKEL	1510 S RENO	MIDWEST CITY OK 73140	3240783	WBSVVB	MARK BROWN	FRONTE 2	RUSH SPRINGS OK 73082	
WBSRG	AL LEONATTIS	BOX 50074	OKLA CITY OK 73116	8437230	WBSVVB	WILLIAM WOODRUFF	1715 HILLSIDE	WATONGA OK 73772	6225965
WBSRG	JERRY RAGER	3121 NM 68	OKLA CITY OK 73132	7215963	WBSVVB	TOMMY BOND	9805 RITTER RD	STILLWATER OK 74074	3770498
WBSRG	DONALD LOELIGER	8320 NM 85	OKLA CITY OK 73114	7516654	WBSVVB	A.Y. LYNCH	RT 2 BOX 220	OKLA CITY OK 73132	7215706
WBSRG	JIM SEIGNIOUS	1219 COLORADO	CHICKASAW OK 73018	2243884	WBSVVB	DAN BATCHELOR	621 NM 39	EL RENO OK 73036	2622363
WBSRG	GEORGE MOORE	80X 75252	OKLA CITY OK 73147	3240783	WBSVVB	JIM PHARES	2901 ARACHE	OKLA CITY OK 73113	5210123
WBSRG	STAN VAN HORT	1111015 MARSHALL AVE	ST PAUL PARK MN 55071		WBSVVB	RAY BARNES	RT 1 BOX 166	WOODWARD OK 73801	2542319
WBSRG	JUNE HALE	3104 N MARSHALL	BETHANY OK 73008	7897295	WBSVVB	HOSS KARIMI	BOX 13194	LONGDALE OK 73755	2743334
WBSRG	DON JONES	3444 SW 39	OKLA CITY OK 73119	6852880	WBSVVB	WALLACE MCRAE	PO BOX 151	OKAHA NE 68112	
WBSRG	GEORGE WELDON	914 ALBERT DR	HUGO OK 74740	7559440	WBSVVB	BUD SMITH	1609 LINCOLN	SEMINOLE OK 74868	3825221
WBSRG	GARY SKAGGS	1048 NM 1	MOORE OK 73160	7996727	WBSVVB	EARL COUCH	209 N KIMBERLY	ALTUS OK 73521	4826268
WBSRG	DEANNA MCENREE	812 N WILLARD	ALTUS OK 73521	4826777	WBSVVB	WALT GRAVES	1024 E MAIN	TECUMSEH OK 74873	5983212

Continued on page 19



LEONARD HOLLAR, WA5FSN
SECTION COMMUNICATIONS MANAGER

Just because we are almost into July is no reason to relax our guard on Bad Weather. Have your antennas successfully withstood the strong winds we have had in the past month or so? Mine shows several small things that could get worse- slipped clamps, frayed ropes, and loose guys that can quickly get worse, once they start. Have seen a lot of verticals, both amateur and commercial leaning every direction. Just because something stood for a long time doesn't mean it will stand forever. Things do age- even me. HI.

We have word of several schools who are or plan to offer amateur radio classes in their curriculum this next term. Perhaps there are more that I have not heard of. Would like to. It is a golden opportunity, if handled properly, to really promote amateur radio.

Woodward group received some GOOD publicity for their work with the Gage Marathon. We need to work for all the good publicity that we can to improve our image.

We have had some weird and bad propagation on the low bands that caused some real problems on the evening traffic nets. But many persevering operators stayed right in there and worked hard and got the job done. All of the evening nets can use your help, from just checking in - taking traffic - helping log weather and taking a turn as net control. It can be rewarding. We may not run as tight a ship as could be, but we do get the job done. Each of us doing it our own way with a common goal in the end. Moving traffic.

May 1982 Traffic Report.

Net.	QTC	QNI	Sessions	WX
O.P.E.N.	23	283	5	
O.P.O.N.	43	177	20	
Sooner	81	382	26	
O.T.W.N.	347	419	26	314
O.L.Z.	103	198	31	
O.N.O.N.	124	406	26	
N.W.O.T.N.	8	310	18	
Q.C.W.A.	20	177	5	

ESTIMATING WIND SPEED

From time to time one has reason to have an idea on just how hard the wind is blowing. A big antenna party is one example. There are many suggestions available, but most involve smoke drift or other means which are not always at hand here in Oklahoma.

One way of estimating wind speed is readily available, at least here in the land of balmy breezes. It is also one which nearly always attracts the attention of the amateur wind expert. The following guide is therefore offered so that all may know which way the wind blows.

0-5 knots Silk blouse - any movement will be caused by the occupant.

5-10 knots Silk blouse - movement by occupant may be slightly distorted by wind.

10-20 kts Light synthetic blouse and/or skirt show curves beneath.

20-30 kts. Cotton and heavy synthetic skirts and blouses show hidden curves; light skirts start to lift.

30-40 kts Loose fitting pants start to flutter; heavy skirts start to lift.

40-50 kts Wool skirts may blow above waist.

50-60 kts Unaltered 36C, and 38D, start to flutter.

60-70 kts Light cotton and synthetic blouses start to blow away.

70-80 kts. Haltered 36C, and 38D, start to flap.

80-90 kts Unaltered 36B, flatten completely when facing into the wind.

90-100 kts Unaltered 44D, flatten completely when facing into the wind.

Over 100kts; Heavy sweat suits show hidden curves.

SOURCE: Snonymous

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OK DX

NEXT MEETING: July 12, 1982 6:00 pm - ?????
LOCATION: The Waterhole Restaurant
3333 NW Expressway, OKC

All hams interested in HF DXing are cordially invited for a relaxed evening of fun and information.

We were very pleased to have Bill KG6RH with us at the June meeting. Bill was with the FAA and traveled extensively around the Pacific Trust Territory. (also ex-KC6SX) We really enjoyed his company and hope he continues to attend OK-DX!

Hope to see everyone at Ham Holiday 82! There will be two programs of special interest to DXers! First, there is a slide/tape presentation of the TYAI (Benin) DXpedition. This has received excellent reviews and should be very interesting. Also, we have filmed up the film on the N2AA "super contest station" for showing on Sunday. I saw this one at Ham-Com and it is outstanding! Imagine a station with 12 operating positions, about 20 - 100' + towers, backup Alpha 77-DX amps for each position and a home-brew 75 meter four-element Yagi! This is a film for everyone in the family. You DXers come and cry your heart out!

ON THE BANDS

C9 - Mozambique - We understand that there is an OH operator there with permission to operate. Listen 21.295 around 1430 UTC.

AFRICA DXPEDITION - by Dr. Ed Richmond W4MGN. Ed has written, giving the following schedule for proposed dates of operation. Listen mostly 15 & 20 meters on the usual DX frequencies.

ARRIVAL	CALL	ARRIVAL	CALL
July 7	EL2AG	July 27	PH8CL
July 9	5Z4CZ	July 31	PK0??
July 13	9V5JM	Aug. 3	W4MGN/3B8
July 20	5Z4CZ	Aug. 8	S79ARB
July 22	D68AM	Aug. 12	5Z4CZ

PACIFIC DXPEDITION - AD1S and N5DLM
Oh no - here goes another "plug" for George & Vicki's upcoming trip! In case you forgot-mark on your calendar these dates:

KC6WS (Federated States of Micronesia)
August 4-8

KC6WS (Republic of Belau) August 8-11
AD1S/KH0 (Saipan, N. Marianas) August 11-14
KX6OS (Republic of Marshall Islands) Aug. 14-16

CW will be transmitted 25 KHz up from bottom of band-listening up 2-3 KHz. SSB operating mostly split on 3.800, 7.090, 14.205, 14.280, 14.332, 21.305 and 28.605 Mhz. Look on the band with stateside propagation. QSL direct to AD1S.

DXCC NOTES - The new DXCC country list has been printed and is available from ARRL for a SASE. It shows most of the new prefixes, country name changes and deletions. Also, the DX advisory committee has voted to delete Serrana Bank, Bajo Nuevo and 824 Neutral Zone. Look for American Phoenix to disappear soon since the USA has apparently relinquished all claims to Canton Island.

Do you still need Crozet? PB8WG has been heard on the YL1SSB - 14.332 Mhz around 1200-1230 UTC long path.

DF8MP/XZ allegedly works for the Rangoon government and has permission to operate from Burma. He has mostly worked Europeans around 21.250 on the DK9KE net. He was supposed to show for a list of North Americans on 12 June but no propagation. We'll keep listening and let you know.

See you at the OK - DX meeting. Good DX.
De AD1S

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.....
* DON'T DELAY - MAIL IT TODAY! *

Below is another copy of the reservation form for the VHF Club celebration (in case you forgot to send one in last month). Dont delay; do it now!

VHF-25 RESERVATION FORM

MAKE CHECK TO: VHF-25. MAIL TO: T.W. STEVENS (W5VCJ), BOX 976, EDMOND OK 73083

NAME _____ OLD CALL _____ NEW CALL _____

ADDRESS _____

DEADLINE IS

July 10, 1982

HURRY!

NAME(S) OF GUEST(S) _____
(ALSO-CALL, IF ANY)

RESERVATION FOR ONE MEMBER @ \$13.00 = 13.00

RESERVATION FOR GUEST(S) @ 10.00 = _____

AMOUNT ENCLOSED _____

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The South Canadian Amateur Radio Society

THE JUNE MEETING ALREADY???.....

The regular monthly meeting of SCARS was held on Saturday, June 12, 1982 at the Red Cross building in Norman. The president, KU5B, called the meeting to order. W5SQJ was first to gain the floor with his motion that the meeting be adjourned. The motion died for lack of a second, and W5SQJ was warned that one more suggestion of that nature would gain him a toss into the mud hole. Wb5UUX gave the Treasurer's report and also the CORA report. The EC report from AF5X followed. W5MCJ reported that the club station was/is in good working order.

The ARRL affiliation plans are apparently going along on schedule according to letters which have been received by KU5B. Jack then gave the floor to W5SQJ (along with a reminder about the mud hole). Jess then said that the club will hold Field Day operations from the sight at the Red Cross on June 26-27. Since the committee still had not found a generator, the club voted to buy a generator from the treasury. KU5B volunteered to look for one which has a price not to exceed the agreed limit.

KU5B, Jack, gave the club a good program on the basics for Field Day operation.

HOW HIGH IS THE WATER MAMA (glub)?.....

Some members of SCARS were called into action on May 19, 1982 when the South Canadian River began to rise and approach the flood stage due to heavy rains upstream. N5DWN and W5MCJ, along with Wb5UUX were first into action. Ford, W5AIP, called AF5X, the emergency coordinator. Before the evening was over, several area amateurs had taken part in maintaining watch on the river as well as monitoring the situation at the emergency shelter for the Red Cross. The stations which acted as net controls during the activity were: N5DWN, KA5COI, N5ALG, and W5MCJ.

Fortunately, relatively little actual flooding took place and evacuations were minimum.

wa5rpp

ZEDD CERTIFIED AS UNIQUELY SUPERIOR OPERATOR

In an unprecedented but obviously praiseworthy move, the FCC has made a significant change in its incentive licensing system, and has given the first callsign allocation in the new series to Oklahoma's greatest, Q.R. Zedd.

Henceforth, Zedd, whose exploits during the January 3CØ expedition finally stirred the FCC to action, will be known on the bands by the nation's first modern one-by-one, A5A.

"I am honored to be given the nation's first modern one-by-one callsign," said the modest Zedd in a telephone interview from his home QTH, Honor Roll Ranch south of Norman. "However, the honor is certainly -- in all modesty -- nothing more than I richly deserve."

The FCC is expected to announce momentarily that others may attempt to win the new license class ranking above the Amateur Extra, to be known as Amateur Superhuman. Some of the test criteria have been leaked in Washington and they include the following:

MORSE CODE REQUIREMENT: demonstrated ability to send on a hand key and receive perfect copy for a period of one hour at 100 WPM. A blunt pencil must be used.

THEORY REQUIREMENT: a grade of 95 or better on a six-hour written essay test

covering, but not limited to, everything that has ever been said about electronics, spaceship technology, raising orchids and junk collecting.

PRACTICAL REQUIREMENT: The applicant must go to a Radio Shack store of his choice and there select the necessary parts to go home and within a period of 72 hours construct and successfully launch an Oscar satellite.

It is understood that numerous complaints have already been received at FCC headquarters from those saying the easy test will cheapen this most coveted license. There has also been a letter from Wayne Green, saying there should be no license tests at all.

Zedd, long known as the greatest among all but the most myopic, finally caught the FCC's attention, as was stated earlier, during the 3CØ expedition. Zedd did not go, but he was among the policemen sitting on Martha's transmit frequency Thursday afternoon, January 28, when an operator in 2-land came on the frequency as he had every afternoon at 2100Z, operating a laughing machine and CW keyer running at random.

Zedd, of course, joined the others in condemning these nerdy practices, and in fact completely covered the frequency for four minutes with a brilliant speech. When he unkeyed, however, the 2-nerd had been joined by a 4-nerd doing much the same stuff and running a telephone busy signal as well.

Unfortunately for the 4-nerd, this broke Zedd's legendary patience and he unveiled a bit of electronic wizardry which was then only in the testing stages.

Zedd activated a new, experimental direction-finding device using a pair of triangulated 32-element 15-meter quads on 350-foot towers at opposite ends of Honor Roll. After getting readings, he called his friend and sometimes-critic, the great Bill Blast (of the daily Blast Off DX net) on a discreet frequency and got a beam heading from the Pacific northwest which dovetailed exactly with his own readings. Zedd thus had the 4-land nerdy culprit pinpointed within a circle of plus or minus 18 inches.

Bringing the power of his biggest linear amplifier up to snuff (although he never dips the nasty stuff himself, preferring genuine latakia pipe tobacco roasted -- as genuine latakia must be -- over Syrian camel dung), Zedd then switched off the dummy load to one of his modest antennas in order to call the offending 4-nerd and read him the riot act.

Alas, some changes had been made in the coax connections only moments before by Tondelayo Schwartz, Zedd's blonde, nubile, 19-year-old QSL secretary and constant companion, so when Zedd imagined he was switching to a modest 10-over-10, he was actually going to a new 1200-element stack of yagis at 400 feet which had never been tested on the air for fear of injuring somebody. Not knowing of the coax change, when Zedd keyed his exciter, he sent eastward and southward an ERP that has been estimated at something in excess of four trillion megawatts.

Fortunately for innocent bystanders, including members of a SWAT team from the Long Island DX Club touring the 4's neighborhood with directional loops liberated from an old World War II movie, the beam of Zedd's stacked array was almost as narrow as that of his direction-finding gear, or his point of view on the ERA, and he had taken the precaution of calibrating his motorized drives so that the bolt of rf that leaped into the sky was aimed correctly and precisely not only in terms of azimuth, but elevation.

Parenthetically, we must explain that Zedd is working on a QST article which will outline his latest calculations for maximum impact of rf at any given site on the globe. He is perfecting a formula which will allow anyone, from novice on up, to figure quickly the best tilt angle of his antenna, as well

as the proper azimuth, in order to bring the signal down at the most appropriate skip distance for one-hop or multiple-hop propagation. For those wishing to pursue this matter, we are authorized to reveal that the basic calculation is as follows:

$$T=D(nm) \times K/F+SA/ti-pi-Z$$

where T is of course the tilt angle above the horizontal; D represents the great circle distance to the targeted station in nautical miles; K represents the latest Boulder K-index; F is the frequency in MHz; SA is the sun angle at the equator; ti is local time; pi are square (whereas cornbread are round), and Z stands for GMT. Calculation of the sun angle at the equator, a crucial part of the calculations, is at present a secret and (C) Q.R. Zedd, Inc., Honor Roll Ranch, PO Box 73, Norman, Okla., 73070.

Well, to make a long story short, a horrific blue bolt of rf was seen to crash into the antenna farm at the QTH of the nerdy 4. When members of the DX club, local police and firemen, and the 4's new widow reached the shack, they found all his equipment charred beyond recognition and the operator himself, as described by one of the other radio amateurs, "looking like a chicken fried steak in cowboy boots."

Zedd expressed regret over the incident, and he was of course promptly cleared of any wrongdoing by the county coroner, the ARRL, the Supreme Court of the United States, and a special ethics committee called immediately by the South Canadian Amateur Radio Society. Zedd pledged to discontinue experimentation on the precision rf antenna system pending government tests to see how many milliwatts the human body might withstand when the power is aimed with such unreal precision.

The special license was issued immediately by the FCC when they heard details.

Zedd has been forced to hire 100 new security guards at his ranch to keep out

other DXers trying to steal the rf aiming device so THEY can use it to certain individuals who appear on the DX station's transmit frequency.

(EDITOR'S NOTE: Zedd was so busy with acceptance speeches, etc., at presstime that the reporter was unable to secure from him a proper response to the many dastardly attacks made on his reputation recently by misguided unfortunates who imagine operators such as Texas's Dingfod Armstrong or California's Hiram Tikitoki are worthy to shine Zedd's PL259s. We will, however, pursue this matter even though Zedd's latest ascension would tend to prove that there is only one who is The Greatest.)

--KUSB

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JUNE MINUTES - ACARC

Vice President, Hollis Holcomb, N5ABL, brought the June meeting to order promptly at 8:00pm with 36 members and guests present.

Holly reported on plans for Ham Holiday during the CORA report. Bob Graham, WB5NSV, brought the solid state final amp for WR5AVH for all to see. John Mooney and Bob Graham have worked long and hard to get the amp built and installed so we might enjoy more reliable and less expensive repeater operation.

Since little was offered in the way of official business, Holly turned the floor over to Bob Graham at 8:20pm. Bob entertained and educated us with an excellent presentation on how to interface amateur equipment with the telephone system. Bob explained a solid state circuit which would couple your equipment to the phone line in full duplex operation without coils or transformers while maintaining full isolation! Great job Bob - thanks!

A reminder-if you have not made plans for Ham Holiday, your running out of time. Why not do it now. Its going to be better than ever this year!

Jim Seignious WB5UHW
Secretary ACARC

The weather warning form found in this issue may be Xeroxed to use as a reference during severe weather. The format of the bulletins issued on the OCAPA 22/82 repeater by the National Weather Service will correspond to the form for easy copying.

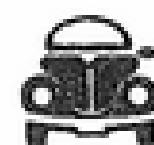
This form is currently in use at all the media outlets served by the amateur operators, plus at National Weather Service, National Severe Storms Lab, Red Cross, and state, county and city civil defense E.O.C.'s.

By issuing this "pre-warning" the amateur network can save one to five minutes over the teletype system, plus assuring a backup in the event of failure of that system.

Only counties served by the Oklahoma City NWS office appear on the form. They are in alphabetical order. In general practice, it has been found efficient to place a checkmark or an "X" in the blank beside the county if the whole county is included. If a section of a county is included, write in "SE", "SW", or "NE 1/3" to eliminate any errors.

Blanks at the bottom may be used to check the source of your information or to log times of relays at other repeaters. Time of issue and date may be logged in the upper right.

Make the system better through your cooperation and public service abilities. Help an agency get the information faster! de WD5DYI



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The National Weather Service Forecast Office in Oklahoma City
will soon be issuing the following warning;

SEVERE THUNDERSTORM WARNING

FLASH FLOOD WARNING

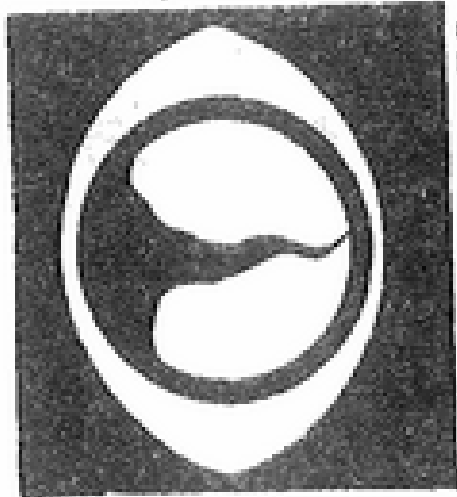
TORNADO WARNING

In effect until _____ for the following counties in Oklahoma:

ALFALFA	COTTON	JACKSON	NOBLE
ATOKA	CUSTER	JEFFERSON	OKLAHOMA
BECKHAM	DEWEY	JOHNSTON	PAYNE
BLAINE	ELLIS	KAY	PONTOTOC
BOYAN	GARFIELD	KINGFISHER	POTTAWATOMIE
CADDO	GARVIN	KIOWA	PUSHMATAHA
CANADIAN	GRADY	LINCOLN	ROGER MILLS
CARTER	GRANT	LOGAN	SEMINOLE
CHOCTAW	GREER	LOVE	STEPHENS
CLEVELAND	HARMON	MCCLAIN	TILLMAN
COAL	HARPER	MAJOR	WASHITA
COMANCHE	HUGHES	MARSHALL	WOODS
		MURRAY	WOODWARD

Location of Cell _____ Moving _____ At _____ mph
16/76 _____ 22/82 _____ / _____ Civil Defense _____

This information is relayed as a public service by amateur radio
operators from the Radar Room of the National Weather Service, OKC.



SKYWARN

GREAT PLAINS A.R.C.

Our June meeting started with 11 members and 2 guests present. The secretary and treasurer's reports were read and approved. N5CCV reported that we had 18 sessions during the June nets with a total of 310 checking in and 8 routine traffic. He also reported that the club had received numerous compliments on the May swapfest. He also called ARRL and reported that the assignment of E.C. is up to the local club or group of clubs.

WB5OVT thanked everyone that helped with the Gage Marathon.

The club felt that the booth at the trade fair was a success this year especially when the maps, weather watch posters and club sign were put up. A closed circuit TV was set up with a video tape on clouds, storms, tornadoes, etc.

Also to attract attention was a teletype. We had 2-meter and HF rigs in the radio line. All this was coordinated by KD5JR. Many thanks Bill.

Five logos were submitted to the members present for consideration. Those contributing were WB5OVT, WN5LUI, WB0PGD. After all had been viewed the club decided by majority vote to adopt WN5LUI's logo with some modifications for the stationary and patches if any are purchased. WB0PGD's design was adopted to be put on the backs of club jackets. The club decided to have a stamp made with the club logo and stamp our own stationary.

WA5PLW reported on duplexers. After discussion WA5PLW made a motion to buy a set of Waycom cavities. Motion carried. N5CCV appointed Windle to handle the transaction. KD5JR made a motion that these duplexers be purchased for GPARC repeater and to be used for this repeater only. Motion carried.

Field day is June 26 and 27 and chairman K0C10 appointed the following committees:
KD5JR - co-chairman and securing the site.
WB0PGD - obtain the generator.
N5CCV Obtain the camper to operate from.
KD5JR-N5EOY - set up antenna and tower.
WA5YQQ- Securing radio equipment.
N5CCV - Make war on the chiggers!
Work on net - food preparations.

Sounds like things are well under way. As usual everyone is in store for lots of fun hamming and visiting!

N5CCV reported that the two sets of ARRL publications came in. He had already gave the Mooreland library their set and appointed N5EOY to take the other set to the Woodward library.

K0C10 reported that their have been some problems during storm nets. After discussion it was decided that the following conditions and procedures will be observed:

1. If one mobil is talking to another mobil and net control needs the frequency, he has the authority to ask them to move to another frequency. Let net control know when you're back.
2. Make all transmissions to net control and keep it short.
3. Check in with your call sign only and your location. After checking in use only your suffix.
4. If have an emergency such as a tornado sited use "Break, Break".
5. Net control should identify the storm net frequency periodically.
6. Net control has total control.
7. Radar has the right to call spotters direct.

OTHER HAPPENINGS

WB5OVT will be featured in Mars. He is the first one from GPARC. Congratuations Rod!

WB5EGZ was over heard to say that if the storm nets didn't slow up people were going to start wondering about the late night meetings at the radar site!

K0KKEK had a first recently. He got to drive home on dry roads one night after helping K0C10 man the communications center in Coldwater

during a storm watch!

W4ZSL and WB5OVQ received battle scars. Hail broke their windwheilds during a storm watch.

WB0PGD and WB0QGW are managing the Mooreland swimming pool. We have had lots of amateurs visiting us! And, have even had offers of volunteer help from some. We told them we accepted all volunteer help and even offered to let WB5MZZ sell popcorn pool side!

GPARC again provided communications for the Gage Road Runner Maration. Those helping were WB0PGD, WB0QGW, KB5XI and his YL Joy, WN5LUI and his YL Debbie, WB5OVR, N5EPO, WD5BOZ, WA5OUV,, and his YL, WB5OVT and his YL Lois, WB5OVQ, W5KFK, and N5CCV. The ages of the runners ranged from 13 to 72. One handicapped young man ran the full 26+ miles. This year he had a newly designed cross country wheel chair and beat his time last year by 4 hours! First place was won by Tip McCubbins from Enid in 2 hours 40 minutes and 23 seconds! Mr Glenn Ditton age 72 completed the entire race and was far from last!

And then there are the storm nets. Boy! talk about a bunch of blurry eyed weather spotters. During May it seemed we worked all day and watched clouds all night. We were out watching clouds many more times than the net was offically called up. We were offically called out 7 times in May and once so far in June at the time of this article. Some of the nets were call out by the National Weather Service in Oklahoma City. Spotted were hail, high wind, hard rain, and numerous tornados. We worked closely with the Woodward law inforcement not only helping with spotting but also flood control, damage survey, and motorist assistance.

Our largest number of checkins was 34 and the smallest 15. Those checking in were:

WB5EGZ	WB5MDD	WA5PLW	N500	N5EPI
KD5JR	N5EOY	W5KFK	WA5YQQ	W5ZUS
K0C10	WB5OVQ	WN5LUI	W0DOZ	K2K0KD
WB0PGD	W5HGH	WD5ECH	WA5OUV	AB5N
WB0QGW	WD5PQK	WB5OVT	K05OU	N5GE
KB5XI	KA5DUO	KA5AAE	N5EPJ	WB5UBB
N5CCV	WB5MZZ	N5EPO	WB5BOZ	N5APB
K5JJC	K5JC	KA0KEK	W4ZSL	N5OU
KI5P	WB5ECP	WA0XS	W5HPZ	WD5HUT
				WD5GUG

We want to thank every one that checked in to the Sever Weather nets and helped out. Also the XYL's that were spotting with their OM's! A thanks also goes to theamateurs that either were visiting in the area or traveling through that checked in and helped with the spotting.

We are very proud of our success with the Sever Storm Nets and the high degree of professionalism with which everyone conducts themselves. We are also happy to report the continued growing cooperation between GPARC and the law enforcement!

If I have left anyone out of the nets I sincerely apologize. I wrote this months article while working in the office at the swimming pool!

73's WB0QGW

GLEN HALL


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6-2

Jim's Gems

de: normally, five bachelors enjoy quietly!

June 21, 1982

LEGEND	SIREN #	CALL	3	4	5	6
			6	20	3	17
			1	15	5	19
			82			
	12	WB5PNZ				
	14					
OK	21					
DEAD	23					
	24	WASRAQ				
SOUND	25	W5QAC				
	32	K5LDI				
MOVED	34	KH6ITE (K5SHU) (KH6JUM)				
NO SHOW	41					
OR	42	K5AHU				
	43					
	45					
	52					
	53	K5HQP K5HFN				
	61	K5SJV				
	62	K5VRL				
	63	K5AHU (W5BTL)				
	64	W5STAR				
	65	N5BWW				
	71	N5ANG				
	72					
	73					
	74	KD5AW				
	78					
	81	K5HRH				
	91					
	93	N5CTT				
	96	WB5RUP				

June 21, 1982

IRREGULARS NOTED INCLUDE THE FOLLOWING:

KA5ETA, Bob Moore; WB5TMW, Dick Baker;
WB5ZKZ, Jack Muse; WB7UIY/5, Terry Frampton;
N5BFD, Jim Hopkins; K5SKA, Bill Demand;
WB5UBB, John Warriner; KD5IS, Jerry Wetmore;
WB6GMI, Bob Jones; KH6JUM/5, Fran Galway.

Also, you'll notice from the chart that some regulars who have spoken up, have not shown up. SO, some of those sites ARE available. If you would like one of them at High Noon on the 1st and 3rd Saturdays (weather permitting) each month (or share one with someone), lemme know.

These are Oklahoma City sirens as you can see from the list but any one can listen and watch. We try to get rounded up by 11:45 and done and gone by 12:15 on MORI's .94 repeater.

n5beq, jim

FOR SALE - Hy-Gain 18 AVQ 5-band vertical.
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Here's a list of Oklahoma City Sirens by site numbers and addresses:

- 12 Water Tank, S.W. 89 and Linn
- 14 John Adams School, S.W. 37 & Goff
- 21 Southern Hills School, 7700 S. Kentucky
- 23 Rancho Village School, 1401 S. Johnson
- 24 McKinley School, S.W. 53 & Shartel
- 25 3416 S. Robinson
- 32 Hathaway Park, S.E. 38 & Lindsay
- 34 Bodine School, 5301 S. Bryant
- 41 Lythe Park, N.W. 7 & Green Vale
- 42 Canadian River, 2200 S. Portland
- 43 Jackson School, S.W. 26 & Villa
- 45 Westwood School, 1701 Exchange
- 52 Woodson School, 600 N. High
- 53 Crooked Oak School, S.E. 15 & Eastern
- 61 4529 N.W. 36
- 62 Harlow Park, N.W. 19 & Harlow
- 63 3801 N.W. 10
- 64 Madison School, N.W. 30 & Independence
- 65 Sequoyah School, 2400 N.W. 36
- 71 1236 N.W. 36
- 71 Hawthorne School, 2300 N.W. 15
- 73 Wilson School, 2215 N. Walker
- 74 Jim Thorpe Building
- 78 Hicks Addition, N.E. 23 & Liberty (maybe, this site is questionable)
- 81 Surrey Hills Elementary School
- 91 Longfellow School, 1201 N.E. 28
- 93 Burbank School, N.W. 65 & Independence
- 96 Coronado Heights, 5911 N. Sapulpa

This makes for a total of 28 sites at closed institutions, like schools not open on Saturdays or defunct fire stations, with only 9 attended regularly.

That means 19 of you out there could be doing the Oklahoma City E.O.C. a big favor if you'd speak up, show up, look, listen and report what you find each time.

TNX, in advance, n5beq, jim

AGE SAGE: HOW TO TELL WHEN YOU'RE GROWING OLDER, OR, IS THERE REALLY LIFE AFTER 40?: if you're 17 around the neck, 42 around the waist and 99 around the golf course.

n5beq, jim

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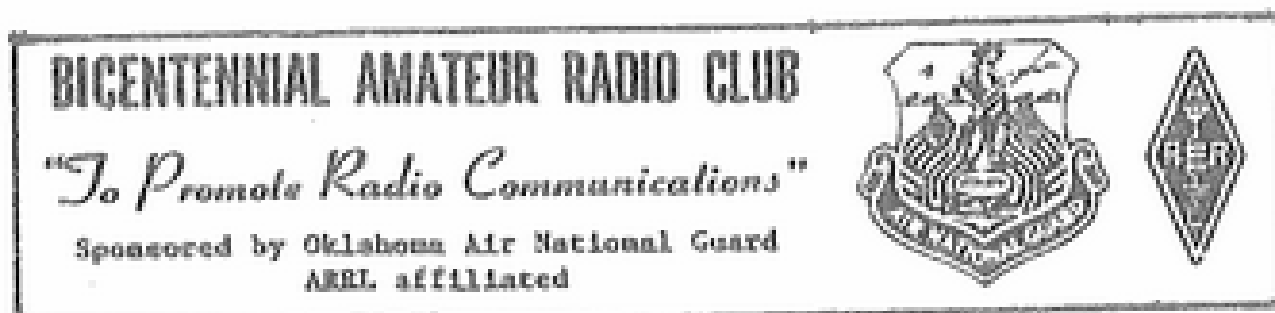
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MINUTES FOR JUNE MEETING

Meeting called to order by Jim Buswell N5BEQ, Vice President.

Secretary Report: Minutes were submitted as published in C&E. Motion was made and seconded to approve minutes as published in C&E.

Treasurer Report: Due to the absence of the treasurer, there was not a prepared report.

CORA Committee Report: Jim Hopkins N5BFD reported on last month's meeting of CORA. Some of the subjects discussed were as follows:

1. Preparations for Ham Holiday 82.
2. Reminder to all to pre-register as this will determine the amount that can be spent on prizes.
3. Seven commercial dealers are confirmed and about seven more are almost sure to be there.
4. B.C.D. Electronics requested a flea market table but will be required to be in commercial area.
5. Parking situation. You are on your own to find parking as the Myriad will not have any special deals for in and out traffic, and it will cost you each time you come in.
6. Sheraton Century Hotel has rooms available to HH82 for \$50 per room. No limit to number of occupants.

Introductions followed: There were 25 members and guests present. Two new members were signed up. Welcome to Allen Busiek N0DWD and Mike Kramer K5HUP.

Field Day Report: Dick Baker passed out a map with our site and the job assignments to each one present. Each manager was questioned as to his progress on getting things ready for FD82. A motion was made that the Club purchase some hamburger meat and condiments so we could cook hamburgers for sale to people who might want to eat on site. Motion carried with the limit of \$100 to be spent. Dick read the rules for FD82 as published in May QST and answered the questions which arose.

There will be a committee meeting of the interested people at Granada Mobile Village Clubhouse on June 19, at 9:00 A.M.

Meeting was adjourned for a short break at 8:35. Introductions were made for people arriving during break.

Nomination Committee for President:

The committee brought before the club three names which they have contacted as possible candidates for president. They are as follows: Jim Buswell N5BEQ, Jim Hopkins N5BFD, and Dale Moore W5VME. The nominations were opened from the floor and one additional name was nominated. Dick Baker W5TNW was nominated by Jim K5SXN.

Election was called and was held by Club Secretary Jerry Sproul N5AUH. The presidential election was won by Jim Buswell N5BEQ. Since Jim was our Vice President, that left a vacancy in the vice president position, which will be filled at our July meeting. If you are interested in this job, please make your presence known.

New Business: Jim N5BFD mentioned that the new talking clock on the repeater sometimes covered up the person you are talking to and wondered if it might be muted when carrier is present on repeater.

A motion was made by Bruce KC5CR that we go back to old system of having separate dues for repeater and club. He thinks that is reason some people are not renewing their club affiliation. The motion was seconded by Ted W5JNT. The motion was tabled until next month's meeting.

Repeater Committee: Don AE5N reports that they are in the market for a 450MHz rig so the autopatch can be remoted and cut down on our high phone bill. Jim K5SXN said he had a couple available for use.

Jim N5BEQ, our new President, announced that he still had some silver anniversary of statehood QSL cards for sale at \$3.75 per hundred if anyone is interested.

Meeting was adjourned at 9:05.

Jerry Sproul N5AUH, Secretary

JBS:cs

At the time this goes to print, Field Day 82 is five days away. Unfortunately, by the time you read this it will probably be over with, so I don't get one last chance to recruit operators. I will say that if you did not go you missed out on some good free food, compliments of, (naturally) the 76ers. Don't be surprised if you see our group listed first in the 2A (battery power) class in the November issue of QST.

At the last meeting, a motion was made to go back to the old club dues system of a four dollar per membership assessment, plus an optional repeater support fee of ten dollars. I might point out that the repeater fee is entirely optional and has no implications as to who may use the repeater or autopatch. Everyone who feels strongly for or against this motion is encouraged to attend the July meeting.


Speaking of the repeater, it has been up and down for the past couple of weeks, but our repeater technical crew of Don AE5N and Dick W5TNW, is working on the problem and may have the system working by the time this gets in your mailbox. I might add that people who complain about the repeater to me are telling the wrong person. I am only responsible for the legal operation of the repeater and am not even on the technical committee. This disclaimer is put in because I have absolutely no control over the technical committee's decisions or actions (I hope I didn't lose any friends with that one).

Bruce KC5CR


PHONE BAND EXPANSION - YES OR NO ???

Those of you who read my May article will recall the article on the FCC proposed article on expansion of the 20 meter phone band to include 14.150 to 14.200 MHz. This combination NOI/NPRM is assigned Docket number 82-83. The FCC has extended time on comments for this until August 16. This is mainly because of a request by the ARRL to do so. Editorial neutrality prevents me from expressing my own views in the C & E, but I can encourage everyone to express their comments to the FCC. Most people seem to think that their comments wouldn't make a difference one way or another, but they don't realize that a surprisingly small number of people actually send comments to the FCC, making it possible for your comments to actually make a difference. The ARRL has submitted a plan that would give an exclusive extra class subband in this area, but that doesn't seem to matter to Gettysburg. The ARRL plan is said by the League's board of directors as "A compromise between relief of domestic congestion and non-interference to foreign operators already in the segment of 14.150 14.200."

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43

FREQUENCY	LOCATION	AREA	CALL	FREQUENCY	LOCATION	AREA	CALL
52.68-52.525	OKC	C	K5JL	147.75-7.15	Tuttle	SW Cent.	KB5XN
				7.75-7.15	Grove	NE	K5PJR
144.61-5.21	Broken Arrow	NE	WA6HNO	78/18	Tulsa	NE	WB5EVU
4.77-5.37	Eufala	E. Central	WB5OBV	"	Ada	C	WB5PKJ
4.87-5.47	Tulsa	NE	AB5M	"	Seiling	NW	KA5CJG
4.89-5.49	Yukon	C	WA5EYV	81/21	OKC	C	K5JL
6.01/61	Hugo	S	WB5TTU	84/24	El Reno	C	KB5RJ
01/61	Calumet	C	K5GDE	87/27	Stillwater	N. Cent.	WR5ASW
01/61	Beaver	NW	WR5ATW	"	Tulsa	NE	WR5ASX
04/64	Granite	SW	W5CHE	90/30	Concharti Mtn	NE	WR5AWA
04/64	Cavanal Mtn.	E	WR5AII	"	Byron	NW	WD5GJN
07/67	OKC	C	K5ELL	93/33	Edmond	C	WB5ISN
10/70	OKC	C	WR5ASI	"	Muskogee	E. Cent.	WA5UMS
10/70	Tulsa	NE	K5LAD	96/36	Big Cabin	NE	WA5ICW
10/70	Ardmore	S	W5RFX	"	Laverne	NW	WD5CSW
13/73	Woodward	NW	W5HGH	"	Byars	S	WA5IQH
"	Stillwater	N. Cent.	WR5AFS	99/39	Tulsa	NE	WB5NJU
"	Duncan	S	WR5ATV	"	Moore	C	K3TGY
16/76	OKC	C	KC5CH/R				
"	Bartlesville	NE	WR5ADO	222.28-3.88	Waurika	SW	WA6HGK
"	Elk City	W. Cent.	WB5FBU	2.30-3.90	Tulsa	NE	WB5BET
19/79	Altus	SW	WR5ANX	2.34/3.94	Muskogee	E. Cent.	WB5AOH
"	Ardmore	S	W5BLW	"	Grove	NE	K5PJR
"	Miami	NE	WR5AHY	2.46/4.06	Pryor	NE	KC5FM
22/82	OKC	C	K5JL	2.50/4.10	OKC	C	N5BEQ
"	Tulsa	NE	WA5LVT	3.34/4.94	Tulsa	NE	K5LAD
25/85	OKC	C	WR5AVM	"	Enid	N. Cent.	WR5ABW
"	Muskogee	E. Cent.	W5EJK	2.70/4.30	Yukon	C	KC5IR
28/88	Norman	C	N5MS				
"	Tulsa	NE	WA5LVT	437.25-425.25	OKC	C	W5LIL
"	Lawton	SW	WR5AJV	439.25-427.25	Grove	NE	K5PJR
31/91	Shawnee	C	W5SXA	439.425-427.425	Tulsa	NE	WA5LVT
"	Kingfisher	C	pend.	442.85-447.85	OKC	C	
34/94	OKC	C	K5VRL	443.825-8.825	OKC	C	WD5AII
"	Tulsa	NE	WA5LVT	448.0-443.0	Yukon	C	KC5IR
"	Enid	N. Cent.	WR5ABW	448.9-443.9	OKC	C	N5SW
"	Durant	S. Cent.	pend.	448.65-443.65	Del City	C	K6DBR
37/97	Ardmore	S	N5AO	449.1-444.1	Tulsa	NE	WR5AHN
"	Ponca City	N. Cent.	W5HZZ	"	OKC	C	WA5TRS
"	Claremore	NE	N5TM	"	Altus	SW	WR4ANX
40/7.00	OKC	C	WB5TKG	449.2/444.2	Tulsa	NE	WA5BPS
6.625-6.025	Norman	C	WA5RPP	"	Edmond	C	WR5AWJ
.655/6.055	Bartlesville	NE	K5ULZ	449.3/444.3	OKC	C	K5JL
147.60-7.00	Tulsa	NE	WA5YPT	"	Tulsa	NE	K5LAD
7.63-7.03	Edmond	C	WR5AWJ	449.4/444.4	Muskogee	E. Cent.	WB5AOH
66/06	Pryor	NE	KC5FM	"	Enid	N. Cent.	W5HTK
"	Norman	C	W5OU	449.6/444.6	Tulsa	NE	N5ANY
69/09	Oologah	NE	WA5LVT	449.7/444.7	OKC	C	WD5FAM
"	Choctaw	C	K5EGQ	"	Ponca City	N. Cent.	W5TXF
72/12	Edmond	C	WD5FEI	449.85/444.85	OKC	C	WA5CZN
"	Guymon	NW	WD5EII	449.8/444.8	El Reno	C	pend.
147.72/12	Mooreland	NW	KA5CJG	449.85/444.85	Claremore	NE	N5TM
75/15	Enid	N. Cent.	WR5ABW	449.975/444.975	Moore	C	K3TGY

(concluded next column)

Ham Holiday '82 Pre-registration (see page 13)

CORA ROSTER CONTINUED

W5ZDI	CLYDE SMITH	207 S ROBERSON	MANGUM OK 73554	
K5ZFF	FRANK CREEKHORE	8509 EASTERN	OKLA CITY OK 73131	4780273
W5ZOP	HEINZ SCHILLING	1436 SW 64	OKLA CITY OK 73159	6852571
K5ZHD	JAN COX	9624 CASTLE RD	OKLA CITY OK 73132	7214617
W5ZIT	JOHN FRASER	1206 NW 80	OKLA CITY OK 73114	
W5ZKI	WOODY BELL	RT 1 BOX 15	MINCO OK 73059	3424112
W5ZKJ	HAROLD BRAY	1309 SW 67	OKLA CITY OK 73159	6850683
W5ZKV	LARRY LANGER	4814 NW 34	OKLA CITY OK 73122	9423733
W5ZKY	C.K. FITZGERALD	2530 NW 56	OKLA CITY OK 73112	8429108
W5ZKZ	JACK MUSE	10100 S SHARTEL DR	OKLA CITY OK 73139	6911152
W5ZLP	JAY TREAT	2514 N GLENDAVEN DR	MIDWEST CITY OK 73110	7321598
W5ZNF	JOE HARDING	1020 ARTHUR DR	MIDWEST CITY OK 73110	7321044
W5ZNO	JOE MUSTAK	6821 NW 27	BETHANY OK 73008	7898587
W5ZNM	ROSS LONGLEY	1506 GLENWOOD	MOORE OK 73160	7944607
W5ZOF	STAN SCHONBERG	800 N WESTERN	OKLAHOMA CITY OK 73106	2356993
W5ZOI	LLOYD WRIGHT	3120 NW 43	OKLA CITY OK 73116	8436811
W5ZOY	SAM MORGAN	500 E KERR	MIDWEST CITY OK 73110	7325970
W5ZRU	GEORGE GLASS	13422 POKA CIR.	NEWALLA OK 74857	
W5ZSL	MES DUER	80X 591	WOODWARD OK 73091	
W5ZWM	C.L. HALLMARK	121 ELMWOOD	PONCA CITY OK 74601	7423640
W5ZXB	DONALD H DAVIS	3709 SPRINGLAKE DR	OKLA CITY OK 73111	4278384
K5ZXE	TOM MOORE	201 S. ELIZABETH	PAULS VALLEY OK 73075	2387195
W5ZZO	CLINT GRIFFIN	2313 MICKEY ROAD	DEL CITY OK 73115	6771758

SPACE FOR ADDITIONS & CHANGES



Altus Area Amateur Radio Association met at 19:30 hrs on June 10, 1982 at the North Main Fire Station. Ten members were present for the club meeting. Those who attended were: W5SMJS, Chuck; W5SKRH, Dwight, K7BSY, Shorty; W5VUM, Bobby; KA6KTX, Bill; W5FGV, Charles; W5VXU, Mike; W5SST (now W5EUA), Brent; KA5MPK, Gary; and KA5KVU, Dennis.

Chuck Smith, W5SMJS, presided over the meeting. A Thank You letter was read to the assembled group concerning the club's participation in providing the communications in Fun Run II at Quartz Mtn. State Park. It was signed by Bob Ottman of the Altus Chamber of Commerce.

With no further business, the club adjourned to the Friendship Inn for coffee at 20:00 hrs. The next club meeting is scheduled for July 8, 1982 at the same time.

* * *

Loren Simas, W5GIF, the A.A.A.R.A. secretary was not present at the June club meeting for being out of town on business. However a short report follows:

The club bank account stands at \$48.16 dollars.

Club dues are needed for the following:

W5LAF 82-03	W5NRQ 82-05
W5RIM 82-01	W5MCS 82-06
W5MCS 82-04	W5UCV 82-04

BEGINNING HAM RADIO CLASSES

Do you know someone who wants to enter the fascinating world of amateur radio?

If so have them contact Al Bruning, W850HK, at (405) 390-2983, that is in Choctaw.

Classes will start on Monday July 5th at the 7th Day Adventist Church, 3rd & Maupin in Choctaw. They should be registered by 26 June, but - call Al as soon as you read this and there will probably be room.

Triple-Header Fun (See pp. 13-14)

Three hamfests for the price of one: C.O.R.A.'s annual HAM HOLIDAY, plus the ARRL State Convention, plus a Computerfest combine to make this year's event bigger and better than ever.

We are incorporating the "Computer Craze" this year for those who are interested in this facet of amateur radio. It might even spark an interest in those who never thought anything about it before.

Central Oklahoma Radio Amateurs are proud to welcome the American Radio Relay League for their annual Oklahoma State Convention to be held in conjunction with HAM HOLIDAY '82. Here's the chance for all you ARRL members to get in on some official business of the League.

This is the ninth year of HAM HOLIDAY, and we are pleased with our growth from a mere 350 in attendance the first year to over 900 in pre-registration alone last year. We have become one of the best hamfests in the country, and we don't have to travel to Dayton for it—it's right here in the middle of Oklahoma!

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Edmond Amateur Radio Club
P.O. Box 76252 / Okla. City, Ok. 73147

Stan Van Nort - W8SUIY
Secretary - Treasurer

"JUNE" DINNER MEETING

The June dinner meeting was moved up about 3 days to May 31. This being a holiday was a perfect excuse to get outside and have a picnic. Everything was set for an outdoor affair at Dennis Orcutt's plantation..... However, as we all know it rained and rained and.... Well you know the rest of the story. As a result the heavy rain left the place in a swamp, according to Dennis, which was unacceptable for picnics. Plans were modified and a hamburger cook-out at Stan's house, your editor, was readied.

A group of 25-30 (including kids, babies, and in-laws) showed up and the Royal Chef wipped up a mess of Hamburgers and Hotdogs. With a little help from the other ladies, salads, chips, baked beans, and dessert was on hand for the extras.

Everyone enjoyed the food and socializing. The Royal guest of honor was John Bohan, N5DBO, who has been absent from meetings for the past year. Jim Shidler noted he would drive from Stillwater to OKC anytime for Free FOOD. Your editor here, (& Chef) observed to young boys to really wolf down several hamburgers and hot dogs, which put Howard Thompson to shame.

I would like to thank everyone who brought an item with them, and extra thanks to Glen Cochran, Mark Northcutt, and Dennis Orcutt. A special Thank You goes to Annette who was the hostess.

THE "CRC" SYSTEM IS NEAR

The computer repeater controller system is due any day now as of this typing. The donation process for financing is almost complete. We have collected over \$1,200.00 and other individuals are sending in their pledges today. The club officers are really impressed with the response and know that in the long run each member will benefit.

For those not present at the meeting I will include here a few notes on what the CRC system will do, and what it is made from.

- * CPU: 8085AH
- * Memory: EPROM, RAM, & E²PROM.
- * Functions: Autopatch, Repeater timing, (time-out, hang time, & etc.) CW or Voice synthesized identification, remote-base control, noise & kerchunker filtering, audio delay (mutes squelch tail & Touch Tone), Time of day clock, & voice synthesized announcements.
- * Special Features: Legal reverse autopatch, with the voice synthesizer announcing call-sign of station being called. Courtesy tones and telemetry tones. Phone number readback and speed dialing. Also 10 emergency speed dialing numbers. Two receiver inputs and two transmitter outputs. Analog measurement capability, such as temperature, signal strength, or frequency error. (16 channels of measurement) Remotely configurable by assigned operators.
- * And several more items which take time to detail.

Anyway you can see the device does many common repeater controls and then some extra. As far as each member (user) is concerned it will not be that complicated. We will give everyone a new club ID card that will have simple instructions on the back for user functions. The control operators are the ones that will be stuck with a large folder of information. Me and Mike Salem have seen the machine operate and we know you won't be disappointed. If you haven't sent a donation, please call me or Dennis.

PUZZLE ANSWERS FROM LAST MONTH

- 26= Letters of the alphabet
- 9= Planets in the solar system
- 8= Sides on a stop sign
- 12= Signs of the zodiac
- 88= Piano Keys
- 3= Blind Mice (see how they run)
- 11= Players on a football team
- 7= Wonders of the world
- 1001= Arabian Nights
- 54= Cards in a deck with jokers
- 13= Stripes on the American flag
- 32= Degrees Fahrenheit at which Water Freezes
- 29= Days in February in a leap year
- 18= Holes on a golf course
- 90= Degrees in a right angle
- 200= Dollars for passing Go in Monopoly
- 4= Quarts in a gallon
- 24= Hours in a day
- 1= Wheel on a unicycle
- 5= Digits in a zip code
- 57= Heinz Variety
- 1000= Words that a picture is worth
- 64= Squares on a chess board
- 40= Days and nights of the Great Flood

Well, did you pass? Must have gotten 20 correct answers to pass. (High Standards)

MORE PUZZLES

- 10= N one & TD _____
- 2001 = SO _____
- 16= D in an O _____
- 212= D at which WB _____
- 4= T2 in the US _____
- 6= P on a IHT _____
- 9= L of a C _____
- 3= P in a F _____
- 26= A to the USG _____
- 10= N in a P _____
- 60= S in a M _____
- 640= A in a S _____
- 365= D in a Y _____

AND

How do you give change for a \$1.00 dollar bill using exactly 50 current U.S. coins?

NEXT MEETING - JULY 1st, FIRST THURSDAY

Location to be announced on the air, hopefully using the new CRC system.

FOURTH OF JULY PARADE - SATURDAY JULY 3

Don't forget the parade, it will be held on Saturday JULY 3 at 10:00AM. Parade route starts at NW 21st and Clarkson and goes north on Clarkson. Reviewing stand will be located at 22nd & Clarkson by the Citizens Tower.



June 18, 1982 - Iceland -

D E T E R I O R A T A

(w. apologies to Max Ehrmann.)

Go placidly amid the noise and haste and remember what joy there may be in SIMPLEX. As far as possible, be on good terms with all CONTROL OPERATORS. Speak your truth quietly and clearly and listen to others, even the OVER DEVIATED. Avoid loud and aggressive persons for their AUDIO IS TOO LOUD. If you compare your STATION with others, you may become vain and bitter for always there will be greater and lesser RIGS than yours. Enjoy your achievements as well as your plans. Keep interested in your career for if someone should steal thy RIG, you must fill the time somehow. Exercise caution in all thy affairs for the world is full of trickery. But let this not blind you to what virtue there is; many persons strive for high ideals, AND, BESIDES, THE RIG HAS AN OFF SWITCH. Be yourself, especially do not feign LEGALITY. Neither be cynical about 220, for in the face of QRM and disenchantment, peace may

still be found UP THERE. Take kindly the counsel of the years, gracefully surrendering the things of DICK BASH. Nurture strength of spirit to shield you in sudden RIG FAILURE. But do not distress yourself with imaginings. Many fears are born of F.C.C. rumor. Beyond a wholesome discipline, go easy on yourself and don't CONTEST too much for you are a child of HIRAM PERCY MAXIM, no less than the BANDS and the MODES, you have a right to EXPERIMENT. And whether or not it is clear to you, the PROPAGATION is COLLAPPSING as it WOULD. Therefore, be at peace with THE F-LAYER, WHATEVER you conceive it to be and WHATEVER YOUR RIGS AND ANTENNAE, in the noisy HASSLE OF OPERATION, keep peace with your LOGBOOK. With all its QRM QRN AND BROKEN RADIOS, it is still a beautiful HOBBY. Be Cheerful. Strive to be happy.

Anon.

(submitted as a favor for a former resident of the local area as part of that person's reaction to having been here [and partly mine, for that matter!], n5beq, jim.)

What They Say And What They Really Mean

YOU HAVE MY SUPPORT: "You do it, and I'll take the credit."

IT'S IN THE PROCESS: "We forgot about it until now."

I HAVE A CONFLICT: "My wife won't let me go."

IT FITS MY SCHEDULE: "She's visiting her sister."

AN EDUCATIONAL INNOVATION: "Anything we didn't do last year."

A PROJECT: "Any activity requiring more than ten minutes."

A PROGRAM: "A project requiring more than one phone call."

IT'S BEING COORDINATED: "His secretary eats lunch with mine."

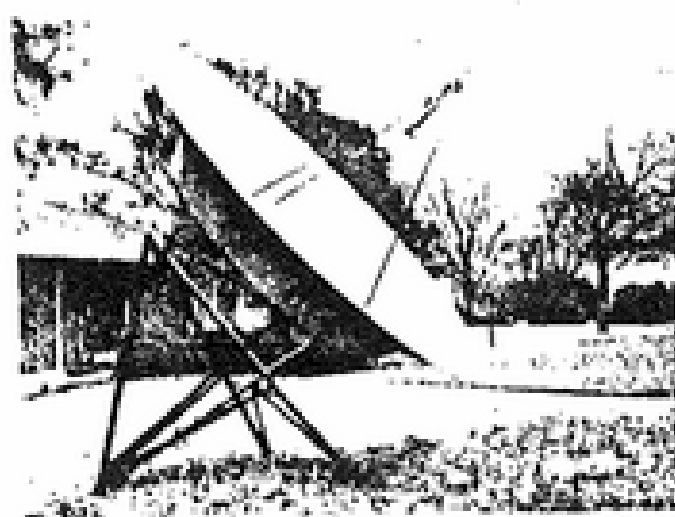
A RELIABLE SOURCE: "I just met this man."

AN INFORMED SOURCE: "The guy who told the man I just met."

-From the ARNS May Bulletin

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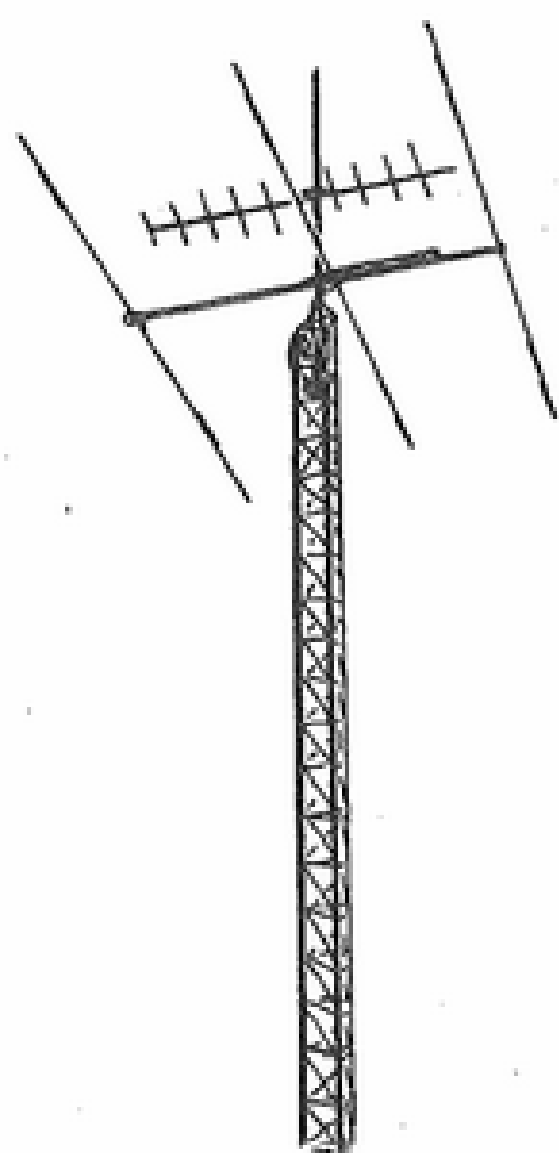
H A M H A P P E N I N G S REFER TO CLUB SECTION FOR SPECIFICS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
JULY				EDMOND CLUB MEETS	AERONAUTICAL CENTER CLUB MEETS	
				1	2	3
4 Independence Day		M O R I GREAT PLAINS TRI-CITY		ALTUS		S C A R S
5	6	7	8	9	10	
WHEATSTRAW	SEOARA	76'ers SHAWNEE		K A Y	V H F	
11	12	13	14	15	16	17
	A R E S	AUTOPATCH			HAM HOLIDAY ARRL STATE CONVENTION ALL ROLLED INTO ONE See Page 13	COMPUTER FAIR CONVENTION
18	19	20	21	22	23	24
MORE HAM HOLIDAY F U N	E D I T Collector & Emitter	SHAWNEE (No formal CORA Meeting this month except at Ham Holiday)			Mail C&E (Call Joe at 737-1044 if you can help)	
25	26	27	28	29	30	31

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★ MOSLEY ★ CUSHCRAFT ★ K L M ★ HY-GAIN ★ TELEX ★

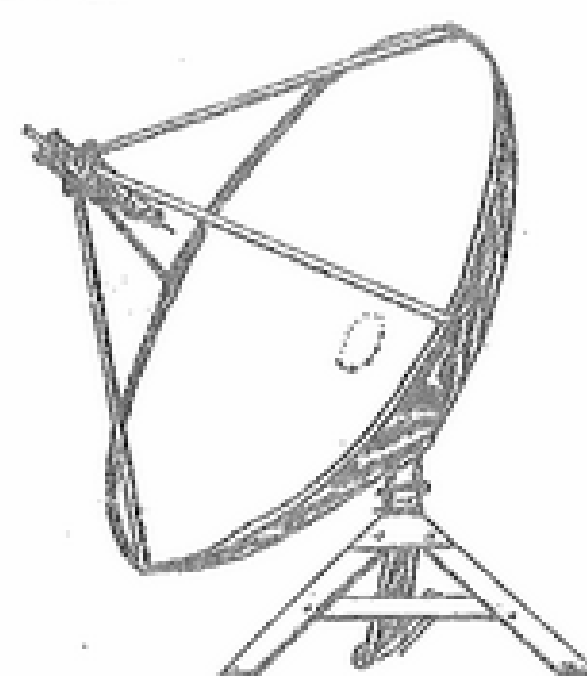
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FRIDAY10-7
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