

HAM HOLIDAY

ARRL WEST GULF CONVENTION

SCARS

The July meeting of SCARS was held on the 8th at the Red Cross in Norman. 17 members were present when the meeting was called to order by prez Andi, WU5W. Treasurer Monte, WB5RZX reported that about \$1000 was in the account and the new duplexer had been paid for.

Old Business:

Field day log sheets are being processed by WU5W. Several operators failed to indicate what band they were operating and she needs this info to complete the processing. As in past years the park picnic pavilion was used for the operating site and a generator in the Red Cross van was used for power. We also had a balloon supported long wire antenna again this year. Although we didn't have as many operators this year and didn't have as many contacts it was a fun event for everyone who participated.

The new duplexer was installed on June 29th and seems to have improved the receiver sensitivity significantly. When the repeater was tuned up after the installation we were getting about 75 watts into the feed line.

About four more volunteers are needed for the Olympic Festival bicycle road race which will be held on July 23rd from about 7:30am until about noon. See Andi to sign up.

The emergency drill at Norman Regional Hospital took place as scheduled but due to other commitments the club did not participate in it.

New Business:

Dorinda, N5HUA, has been contacted by the Olympic Festival committee with a request for some more radio operators to help with dispatch of teams from their quarters to the various athletic event locations. It was understood that the operators

would be operating radios of the Olympic Festival on their frequencies and not be operating in the ham band. They were mainly looking for people with experience passing traffic on the radio. See Dorinda if you can help with this.

Monte advised that there were some repeater autodial slots available. If any member needs an autodial number and does not now have one contact WB5RZX by phone in the evening and he will try to arrange one for you.

**LAST CHANCE
To Pre-register**

Committee reports:

As stated above, the duplexer has been installed. We suffered from some lightning damage to the repeater during the fast moving storm that blew thru Norman on July 2nd. The controller audio section was damaged and no audio was getting to the transmitter. The N5KUK standby repeater was put into operation from Sunday afternoon until Monday evening when the main site repeater was repaired and once again operational.

NWS - It has been fairly quiet for the last month. NWS only requested assistance once or twice. With the fast moving storms we had during the period not much could be done as far as spotter reports were concerned. During the period we have received very few spotter reports via packet at the NWS station WB5PWY. The daily Oklahoma Thunderstorm Outlook has been discontinued until next year during the spring storm season. In it's place on the

packet system a general weather outlook containing information about the possibility of storm activity will be posted.

ARES - Nothing to report. KA5EFJ is on vacation and no report was available.

CORA - Ham Holiday will be the 28th thru 30th of July. The club plans to have two flea market tables. Bill Bunting of the Norman NWS office will present his Spotter Training seminar at 7pm on Friday evening.

The meeting adjourned at 9:50am without the usual door prize drawing. After the meeting a couple of other announcements were made. Although it cannot be officially confirmed, reports have come back to SCARS that two former club members, Marshall, WU5P, and Nora, N5KDX were recently married.

As mentioned above KA5EFJ was vacationing in the north country. Several club members have been trying to keep a sked with him but band conditions have not always been favorable. We have had a report that he still recognizes his call sign in CW but must have forgotten to take a key with his radio gear.

A reminder to repeater users. If you try to use an emergency autodial number to contact public safety officials DO NOT use a * prefix for the number. If you do, the repeater controller will say "PATCH CANCEL" and the call will not go thru. In addition if you redial the patch and the call gets connected you will not be able to hang up the phone at the end of the call. If you should get the "PATCH CANCEL" message, wait at least 15 seconds before trying to make the patch again. This allows enough time for the controller to reset and clear the patch cancel command.

Ken, N5KUK

JOIN US

Don't Delay!

Pre-register Today!

Ham Holiday

WHY NOT JOIN US

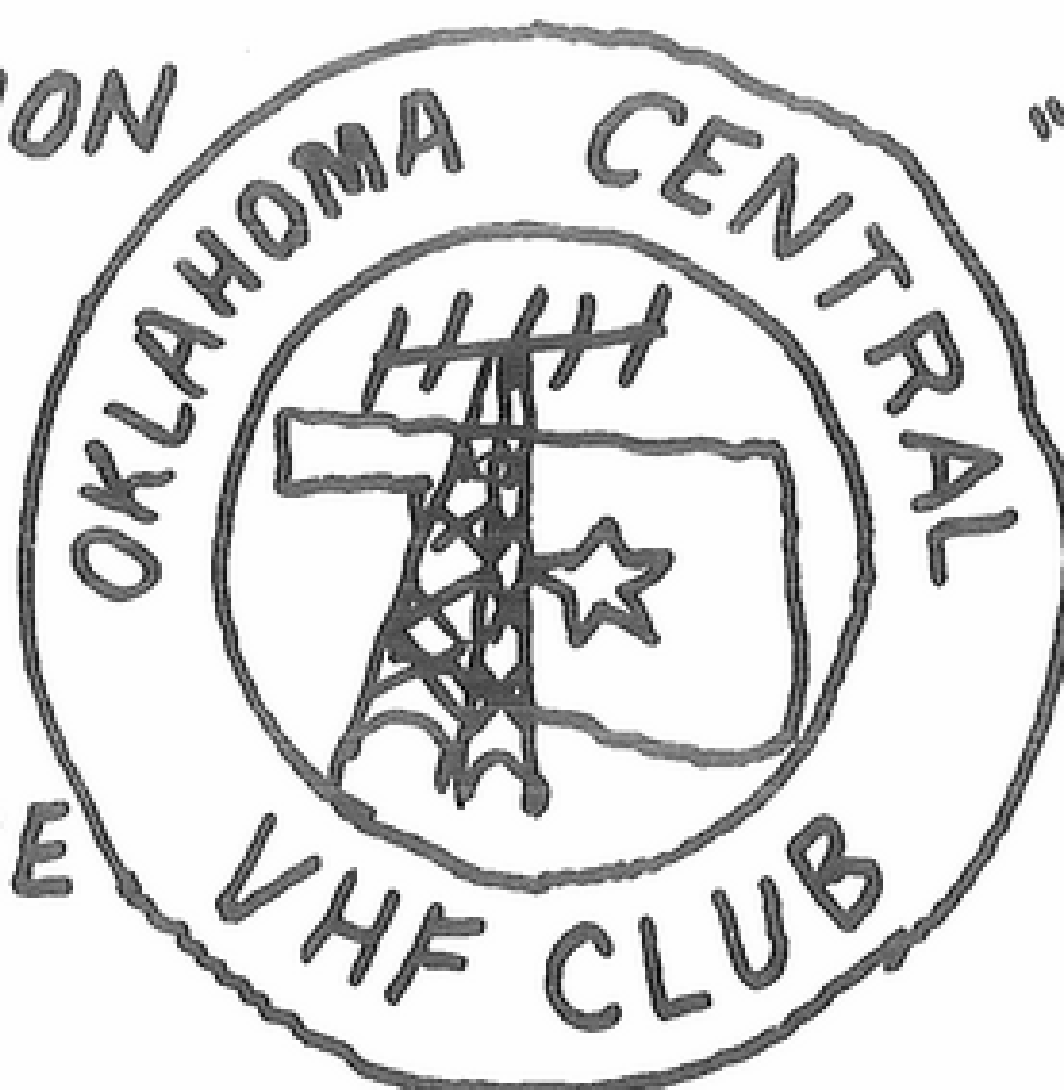
CLUB STATION

W5LOW

LOCATED AT
AND DEDICATED
TO

STATE

CIVIL DEFENSE



"CHEAPEST
CLUB

IN TOWN"

* PER PRESIDENT
JACK MUSE W5ZKZ

- ① SECOND OLDEST CLUB IN OKC
- ② FRIENDLY FAMILY ACTIVITIES
- ③ MONTHLY LUNCHEON MEETINGS w/YL's (3rd SAT)
- ④ AUGUST WATERMELLON FEED
- ⑤ FALL WEINER ROAST

I _____ Call _____
PRINT NAME

Street/Box _____ Apt _____

City _____ State _____ ZIP _____

Phone # for roster _____

Hereby, transmit my annual dues of \$ 5.00
in the: CLUB OFFICIAL INSERT CLUB NAME & NUMBER

Oklahoma Central VHF Club #2

For the year ENDING 1989 / Dec 31
year month

\$4.20 of amount is for a years subscription to
CORA Collector & Emitter.

Members SIGNATURE

NEW RENEW DROP

PIONEERED EARLY 6 & 2 M
AM / SSB ACTIVITY

PRE-REPEATER 2M WEATHER
NET FROM WX BUREAU HAD
SOME 60 CHECK - INS IN
40 TO 60 MILE RADIUS

\$5 /YEAR DUE JAN 1 (PRO-
rated for first time mem-
bers - \$2.50 for rest '89)

Mail to Ellard Foster,
5905 N W 42 OKC 73122.

Post Office requires this
for second class mailing
privilege.

**LAST CHANCE
To Pre-register**

**HAM HOLIDAY
ARRL WEST GULF CONVENTION
JULY 28 - 29 - 30
LINCOLN PLAZA
OKLAHOMA CITY**

LAST CHANCE!

1 AERONAUTICAL CENTER ARC

MEETS: FIRST THURSDAY, FLIGHT STANDARDS
BUILDING, FAA, SOUTH MACARTHUR 7:30 PM

PR TED ANDERSON, NYSM 685-4016
SE DOUG TEACHMAN, WODIA 392-5458
AsPR HAROLD TODD, WASVAQ 685-3685
AsVP CHARLIE GREENE, WASJGU 943-5631
EDITOR: BILL OLIVER & LUKE ELLIS 329-6333

2 CENTRAL OKLAHOMA VHF

MEETS: 11:00AM THIRD SATURDAY, THE BRICKS
RESTAURANT, 3100 N PORTLAND, OKC

PR JACK HUSE, WBSIKZ 691-1152
VP FRED BOARDMAN, WSNL 427-2505
SE JOE BUSWELL, KSJB 732-0676
TR ELLARD FOSTER, WSKE 789-6702
EDITOR: JOE BUSWELL, KSJB 732-0676

3 MID-OKLAHOMA REPEATER, INC.

MEETS: FIRST TUESDAY, 8 PM, COUNTRY HOMESTEAD
RESTAURANT, 3100 N PORTLAND, OKC

PR BOB MOORE, KASETA 799-1765
VP JERRY WETHORE, KDSIS 524-5080
S/T LINDA MOORE, KASNAV 799-1765

EDITOR:

4 OK CITY AUTOPATCH

MEETS: 7:30PM, THIRD TUESDAY

SALVATION ARMY, NW 50 & PENN
PR ROBERT SHAW, WASBQX 341-4763
VP DENNIS PATTERSON, WDSOSM 495-0769
SE LEONARD HANSTEIN, WSNEL 789-7201
TR LARRY DAVIS, KFSJH 722-4564
EDITOR: CHUCK WILHITE, KSNK 721-4926

5 OKLA UNIVERSITY ARC

MEETS: 7:30PM SECOND TUESDAY (SEP-MAY)

119 WILSON CENTER, 1334 S JENKINS
PR FRANK DONALDSON, NSIQJ 329-4172
VP JOHN MUSTENBERG, KESN 325-2382
S/T JIM GREENSHIELDS, WDSHPU 321-9981

6 ALTUS ASSOCIATION

MEETS: 7:30PM, SECOND THURSDAY, NORTH
MAIN FIRE STATION (CD) ALTUS

PR FRANK FERITTA, WASI1 482-1398
VP NONE
S/T MIKE SCHENKEL, WSVIU 482-1797
EDITOR: MIKE SCHENKEL, WSVIU 482-1797

7 BICENTENNIAL (76er) ARC

MEETS: 8:00PM SECOND TUESDAY
OKLA CITY COMMUNITY COLLEGE, ROOM 1NS

PR DENNIS MUSSEY, WASGTM 524-4760
VP BILL SKIPPER, KBSBS 392-4612
S/T JERRY SPROUL, WSAUH 354-2061
EDITOR: CHRIS EVERETT, KBS66Y 364-6794

9 WHEATSTRAW ARC

MEETS: 2:30PM SECOND SUNDAY, LOCATION VARIES.
SEE CLUB SECTION FOR DETAILS.

PR PERRY JONES, WSMGZ (Wiford) 772-6063
VP GEORGE MASCHINO, W566L (OKARCH) 263-7614
S/T JOE GARLAND, WASFLT (CALUMET) 893-2660
EDITOR: RALPH WILDER, WASPEKIMATONGA 623-5421

19 OKLA INDEPENDENT ARC

MEETS: 7:00PM SECOND TUESDAY
SOUTHWESTERN BELL OFFICES, PONCA CITY

PR VERNON TREIBER, Jr. NSANV 767-6260
VP TRUMAN STINER, WBSHRE
SE GLENN COKER, NSNFC
TR JIM DEL TORTO, KSFL 762-1221
EDITOR: MIKE MORRIS, NSJJR 765-6260

11 EDMOND AR SOCIETY

MEETS: ODD MONTHS, 3RD SUNDAY, 2:00PM EDMOND
EDC. DINNER, EVEN MONTHS, 3RD FRIDAY.

PR HAROLD WELLS, WASIKX 623-5191
VP MARTIN McGEE, NSLIS 947-4968
SE DAMN ROWELL, NSKMD
TR GLORIA GUINN, KBSBGM
EDITOR:

18 GREAT PLAINS ARC

MEETS: 2:15 PM FIRST SUNDAY
WOODWARD PUBLIC WORKS BLDG.

PR MINDLE HATCHETT, WASPLM (FT SUPPLY) 766-3561
VP BOB BAYLESS, WBOGAX NONE
SE ROD FORD, WBSOVT (GAGE) 923-7683
TR FREIDA PATTERSON, WSEOX (NDWD) 256-2111
EDITOR: LEON CARLISLE, KBSCZT

13 KAY COUNTY ARC

MEETS: 7:00 PM, THIRD THURSDAY, SEP-MAY,
PIONEER VO-TECH, PONCA CITY OK

PR MIKE MORGAN, NSLPZ 765-9539
VP STEVE HUSTON, KBSDOR 762-4726
S/T HARRY BEATIE, WDSOPR 765-3862
EDITOR: DAVE LAAND, KDSFY 762-8616

14 CIMMARON ARS

MEETS: 7:39 PM SECOND TUESDAY
WXSJ PLAYHOUSE, 827 S 13, FAIRVIEW

PR JACK KELLY, NSLEN (405) 227-4515
VP RAY BARNES, AR5I (405) 274-3334
SE DENNIS PAINTON, WKSJ (405) 764-3599
TR NADINE PAINTON, NSFMM (405) 764-3599
EDITOR: JACK DAY, NNSI (405) 227-3462

15 SOUTH CANADIAN ARS

MEETS: 9:30AM SECOND SATURDAY, RED CROSS BLDG
NORTH OF CAMPUS, NORMAN

PR ANDI WOLF, WUSM 799-5150
VP DORINDA SKAGGS, NSIva 799-5363
SE KEN BROWN, NSKUK
TR MONTE BATEMAN, WBSR2X 329-7485
EDITOR: KEN BROWN, NSKUK NONE

16 EDMOND AR CLUB

MEETS: 7:00PM SECOND MONDAY, SEE CLUB
SECTION FOR LOCATION AND TYPE

PR MARK NORTHCUTT, WDSBYI 755-4672
VP WENDELL COCHRAN, WBSISO 943-4708
S/T XAY NORTHCUTT, WDSBYJ 755-4672
TRUSTEE: DENNIS ORCUT, WBSISN 340-0034

CENTRAL OKLA RADIO AMATEURS

MEETS: 7:00PM FOURTH TUESDAY, RED CROSS
BLDG. 10 & HUDSON OKLA CITY (BACK DOOR)

PR FRANK TASSONE, AAS6I 341-4945
VP DORINDA SKAGGS, NSIUA 799-5363
SE MARSHALL MADDOX, WUSP 360-3205
TR TOM HANGHAM, KSLDI 677-5291

CORA COLLECTOR & EMITTER (USPS 116-150) IS
PUBLISHED MONTHLY BY CORA, INC, 1020 ARTHUR DR
MIDWEST CITY OK 73110. SECOND CLASS POSTAGE
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PAID SUBSCRIPTION: \$7.00 PER YEAR.

POSTMASTER: SEND FORM 3579 TO:
CORA, 1020 ARTHUR DR, MIDWEST CITY OK 73110

EDITOR: JOE HARDING, WASZNF 737-1044
CIRCULATION: BOB GRAHAM, WBSNSV 677-8685

LAST MONTH

I'm sorry about last month but I simply ran out of time before getting anything ready for the club's portion of the C & E. If our beloved Vice-President had been on his toes, he would have called me to see if I had anything ready, and if not, he would have generously volunteered to write his normal newsy column. But, no phone call, so no news from the club. Maybe next time he will do so. Hi Dennis.

FIELD DAY

Not only did I miss getting anything ready for the C & E, but I also didn't make it to Field Day this year. There are two things I always look forward to and one is Field Day. But, I had to satisfy my family and make a trip to the high plains of West Texas to visit in-laws. It is my understanding that the ones who attended had a good time as usual and made a lot of good contacts. I really hated to miss seeing all the good cw operators in action and also enjoying the good breakfast which I am sure Leonard and Larry cooked up.

SOMETHING FUNNY

I was snooping around on the bands one night recently to see what was on and while tuning across the 20 meter cw band, I just happened to hear Josef talking to someone with the name of Linda. Linda had given Josef a rather lousy signal report, but being the good-natured gentleman he was, he came back and thanked Linda, OM, for the report. After exchanging a few kind words, Linda straightened old Josef out and told him that she was a good lookin gal and not a hairy legged old man. I couldn't figure out why Linda had given Josef such a lousy report when he was booming in at my QTH. Well, she explained that later when she told him that she had goofed up and didn't have her filters set right. She finally gave him a 599. Sorry about that Mrs. Kukuk.

BUGCATCHER'S PROBLEMS

I know he doesn't think so at times but I really do like the old coot. And I was truly sorry to hear about your problems with the ticker Mac.

ELECTION TIME

It's that time of the year again folks when we start thinking about who we want to railroad into office next year. Seriously, our King, WA5BQX, asked for volunteers at the last meeting for a nominating committee, and two of our fine gentlemen and myself accepted this job. Mike, NSDDB and Jim, KASPSF, along with your's truly started an immediate search for well qualified people to fill these capacities. With

little effort on my part and a lot of effort on the other two gentlemen's part, some very fine folks have agreed to have their names placed before the club for consideration.

For the King of the Club, once again we are fortunate to have Bob Robert accept a nomination. Mr. Shaw has made a very good President and he truly deserves a second term. As of this date, we have not been successful in finding a worthy opponent for Bob Robert, but we will keep on trying to find someone before elections at the August meeting.

For Vice-President, we are blessed with three very fine individuals and it will be most difficult to vote for only one. First, we have Mr. Jim Bartlett, KASPSF. Jim owns and operates his own Private Eye firm and should make a good officer. I don't know if there is anything to the rumor that Jim is a relative of one of our former Governors or not.

We are also very fortunate to have Mr. Lee Allen, NSKXI, accept a nomination for Vice-President. As you all know, Lee owns and operates one of the largest Newt ranches in our good state.

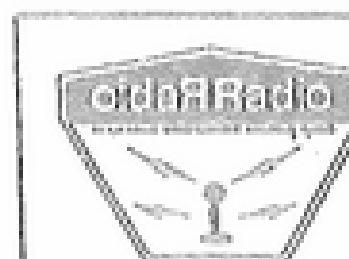
Last, and by no means least, we have Mr. Jim Nabors, W5JDH, who has promised to fulfil the duties of the Vice-President if elected. Jim is one of the old timers in the club and very active on the amateur bands since retiring from acting and singing. I'm sure everyone remembers Jim when he played Comer Pyle during his younger days.

It is the feeling of the nominating committee that any one of these men would make a good Vice-President of the club. It is also reported that all these men are very sharp when it comes to operating their computers and should make good editors for the C & E.

The Secretary of the club will be elected from a choice of two fine gentlemen. Our present Secretary, Leonard, W5MEL, has agreed to take on the responsibility for another year if elected. Everyone knows Leonard as the man who has seen the world and done everything there is to do, such as stuff a pool table full of balls in his mouth.

Opposition for Leonard will come from Tom Webb, WA9AFM. Tom is very active in the club and has been around for a long time. Although he doesn't possess a "5" call, don't hold this against him. He doesn't have a Yankee accent.

We searched and searched but found it an impossibility to find anyone to oppose our trusty Treasurer, Larry, KF5JN. Larry has been one of the finest Treasurers the club has had and has agreed to continue this position. If you haven't met Larry, he is the skinny one of the club. As usual, nominations will be taken from the floor. Everyone should be making plans to attend the August meeting and help elect the officers for the coming year.



OKLAHOMA
INDEPENDENT
AMATEUR
RADIO

These notes are from the 11 July 1989 Meeting.

It seems that the two main summer events went rather well this year. Field Day was well attended by HAMS from the area. The local news paper gave us some nice coverage, including pictures! I hear that around 430 QSOs were made. The reports were that everyone had a great time. It was held at the Kaw Lake Dam Overlook, which is a great site. The weather was IDEAL!

The area HAMS also turned out in force to help with the public safety duties at the 1989 Ponca City Grand Prix auto races. This is THE major event for this region of the Sports Car Club of America and Amateur Radio got some good exposure there, as usual. The WX was pretty good most of the time, but it did cause a lot of excitement Sunday morning when a major storm cell moved through. Lightning struck a tree in the spectator area, and one race crew member was temporarily injured by the jolt. I need to thank Dave Land, KDSFX for stepping in when I was called away. He organized the HAM roster for this event. Both these events were joint efforts of the OIDA and Kay County Clubs.

The digipeater has been moved to the water tower on lake road. This eliminated the interference between "Packett Rackett" and "Voice Noise". The next problem to crop up is apparent interference caused by a scanner in the area which is radiating on the input frequency of the repeater. This one may be hard to fix!

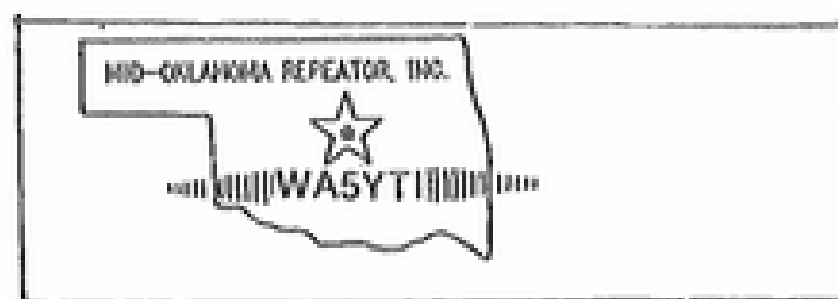
The annual September Ponca City Ham Fest was discussed. Interest was a lacking a little. We may just try to put on a Tail Gate Swap Meet this year. The main thing that would be missing from this would be testing. We'll see how this one turns out later.

NSJJR

No nominations will be made for an editor of the club since it was felt any of the three gentlemen running for the Vice-President's position will make an outstanding editor.

NEXT MONTH

Next month's write-up just might be my swan song as your editor for some time. I'm sure that will be a big relief for many of you. But, I have something saved for that one. K5NK



Due to The Homestead closing (again), our July meeting was postponed. An executive decision was made to accept the suggestion made by Jim, N5BEQ, to hold a joint July-August meeting at Ham Holiday. The meeting will be at 10 a.m. Saturday, July 29. Check the calendar in this issue for the room where the meeting will be held. By having the meeting at Ham Holiday, more members will be able to attend and we will have more time to find a new meeting place. Any suggestions would be greatly appreciated!

As most of you will realize, the call sign on .07/.67 has now been changed. All of the MORI repeaters are now under the callsign of KA5TDA. We thank Mike for taking on the responsibility of not only the maintenance but also the trustee-ship.

Since the .34/.94 repeater pair is a very popular frequency in the state of Oklahoma, and the club did not want to change that frequency, we have provided a feature on the .34/.94 repeater so that when there is a band opening we can PL the receiver and we will not have to listen to noisy signals from stations using other .94 repeaters. The PL is 141.3 (4A) or, if you are using ICOM equipment it is tone 22. If you do not have a PL encoder in your rigs, you can enter 94* from the tone pad and that will put the receiver in carrier access. After 5 minutes of inactivity, the receiver will automatically return to PL mode. I wish to make it clear that this is not to close this repeater or any of the MORI system. It is to make a cleaner machine to listen to and we hope that a large number of people will use this repeater as an open repeater.

During the weekend of Ham Holiday (July 29-30), the MORI repeater systems will have open autopatches for the convenience of out-of-town amateurs. The

INDIVIDUAL IMPRESSIONS

My brother Buzz, KDØTZ, and I attended Ham Com this year where the 75th Anniversary National ARRL meeting was held. A highlight for us was operating the WIAW/5 ham station and checking in on our "USA - MAUPIN" net at 1500 UTC Saturday morning. We talked with Net Control, Bill, KØIAU in Northome, MN and Walt, N4LPX in Gray, TN on 14.3 MHz SSB using a new IC-781 rig. There are 16 Maupin hams across the USA.

The flea market was full of goodies and a large number of commercial exhibitors were there. Ellard, W5KE, was busy in his "EX-EL" booth and we saw several other CORA hams at the hamfest. Strolling about Saturday, I noticed an attractive couple who seemed vaguely familiar. On Sunday morning we came across this couple again. To my surprise, they greeted Buzz as an old friend and he introduced me to Rick Kukuk, KG5GD and wife Linda, AA5GS. It turned out that we are all three members of ACARC and then I remembered them from past club meetings. Rick and Linda both hold Extra Class tickets. Rick is in aviation and met Buzz while seeking an airplane purchase loan when Buzz was a bank loan officer some years ago. Buzz accomodated him and they became good friends. When I told Rick and Linda about my microfiche Buckmaster surname callbook which

autopatches will revert to closed status at midnight and open again at 6 a.m. (* up, # down). Charlie, AA5HW, discovered that someone needed his amateur radio equipment worse than he did. Sorry to hear that and hope that publishing the list of equipment and serial numbers will help him recover some of it! Mirage B1016 amp SN 1300-819 Diawia SWR meters MFJ 1278 TNC Kenwood 711, SN7110167 Kenwood 430, SN4031654 Kenwood 2550, no SN Kenwood TR-7930, SN5102847 Kenwood TR-7800, SN1010138 Kenwood TH215, SN0010139 50 amp. power supply VIC 20 computer Mertz antenna tuner If anyone can help Charlie, we are sure he would be most appreciative. His phone number is 681-1145.

Hope to see members and any non-members who would like to attend at the Ham Holiday meeting!

Bob, KA5ETA

gave me the names, calls and addresses of all Maupin hams in the USA and enabled me to set up the "USA-MAUPIN" net, they were interested and asked me to find out how many other Kukuk hams were listed.

After we got back to OKC, I looked up Kukuk (a palindrome like radar that spells the same way backward as well as forward). I found two other Kukuk hams in CA and WA. I called Rick and he invited me over to visit and see their gear. I was impressed. Rick promised Linda a new TS-940s rig if she passed her Extra - which she did in April '88. They have a Pakratt TNC controlling an IBM computer, a Rohn tower that rises right up in the middle of their lovely home in a courtyard area and supports a 4-element KLM tri-bander beam, a 2-meter vertical above it and a twin sloper for 160, 80 and 40 meters. Rick added a quarter-wave counterpoise wire on the sloper between the two legs and sloped it downwards. He pruned it till he got a broadband radiation curve on 80 - almost as omnidirectional as a discone! He has the end of the counterpoise wire broken into 3 segments by insulators which can be jumpered to flatten almost any segment of the 80 meter band. His house is built on a slab and he broke out holes in the slab to bury his ground rods at the base of the tower.

Linda is secretary to the Vice Commander of Tinker Field and has worked at Tinker 25 years. She graduated from Moore High School. She is musically inclined and plays piano and organ. This may have helped her with her code at which she is quite proficient. She does not like to send above 20 WPM out of courtesy to slower receivers. Theory was at first a real challenge to her (the hardest part) but she has mechanical aptitude and even repairs her own lawnmower. Rick grew up in Chickasha and got into ham radio at the age of 12 in an Explorer Scout unit taught by George Moore, K5UHZ. Rick later moved to OKC and graduated from Capitol Hill High School. He delivers airplanes all over the world and Linda has been able to make contact with him over great distances via HF ham radio. They have contacted each other on 15 meters as far away as Taiwan. On 2-meter VHF FM, they have made contact as far out as 300 miles.

The two have traveled together to many parts of the world. Linda likes to QSO with hams in places they have been.

Charles E. Maupin, W5HQM

CORA HAM HOLIDAY '89 WEST GULF DIVISION CONVENTION JULY 28-30, 1989

LINCOLN PLAZA HOTEL AND CONVENTION CENTER
4445 LINCOLN BOULEVARD OKLAHOMA CITY, OKLAHOMA
GRAND PRIZE: YAESU FT-757GX
PRE-REGISTRATION PRIZE: YAESU FT 2700
MANY OTHER HOURLY PRIZES

IMPROVED FLEA MARKET AREA
TECHNICAL PROGRAMS FEATURING HAM - SCIENTISTS AND ARRL FORUM
BAR-B-QUE BANQUET ON SATURDAY EVENING

Programs begin on Friday evening and continue through Sunday morning. New this year will be a Wouff Hong. VE testing will be conducted on Saturday & Sunday, so come ready to upgrade. We will have our public access demonstration room featuring the latest technology in Amateur Radio, as well as the old favorites. Also this year, child care will be available at Ham Holiday. To reserve a place for your youngster, since space is limited, contact Dorinda Skaggs, 799-5363. As usual, the ladies will have a fabulous program. In addition to technical and non-technical programs, there will be the yearly meetings of the various organizations common to Amateur Radio -- Packet, MARS, Oklahoma Repeater Society, Inc. Sunday Morning Worship will be sponsored by the Oklahoma Baptist Hams. Again this year some of the largest dealers in the Southwest will be at HH89. The Flea Market will again be upstairs in the BIG convention area. Plan now to be ready to buy that rig or antenna that you've always "needed". QCWA will host a breakfast Sunday morning. Talk-in is on 147.03 +.

Complimentary Youth Pass

West Gulf Division Convention HAM HOLIDAY 1989

Lincoln Plaza
4445 Lincoln Boulevard

Friday, July 28, 7:00 p.m. to 9:00 p.m.
Saturday, July 29, 9:00 a.m. to 5:00 p.m.
Sunday, July 30, 9:00 a.m. to 1:00 p.m.

Ham Holiday is an annual gathering of Amateur Radio Operators (Hams). This pass is provided by Central Oklahoma Radio Amateurs to encourage youth involvement in Amateur Radio. We hope you will attend.

Must be 16 or under.

HH 89 IS BIGGER AND BETTER
SEND YOUR PRE-REGISTRATION IN TODAY!!!

PRE-REGISTRATION FORM

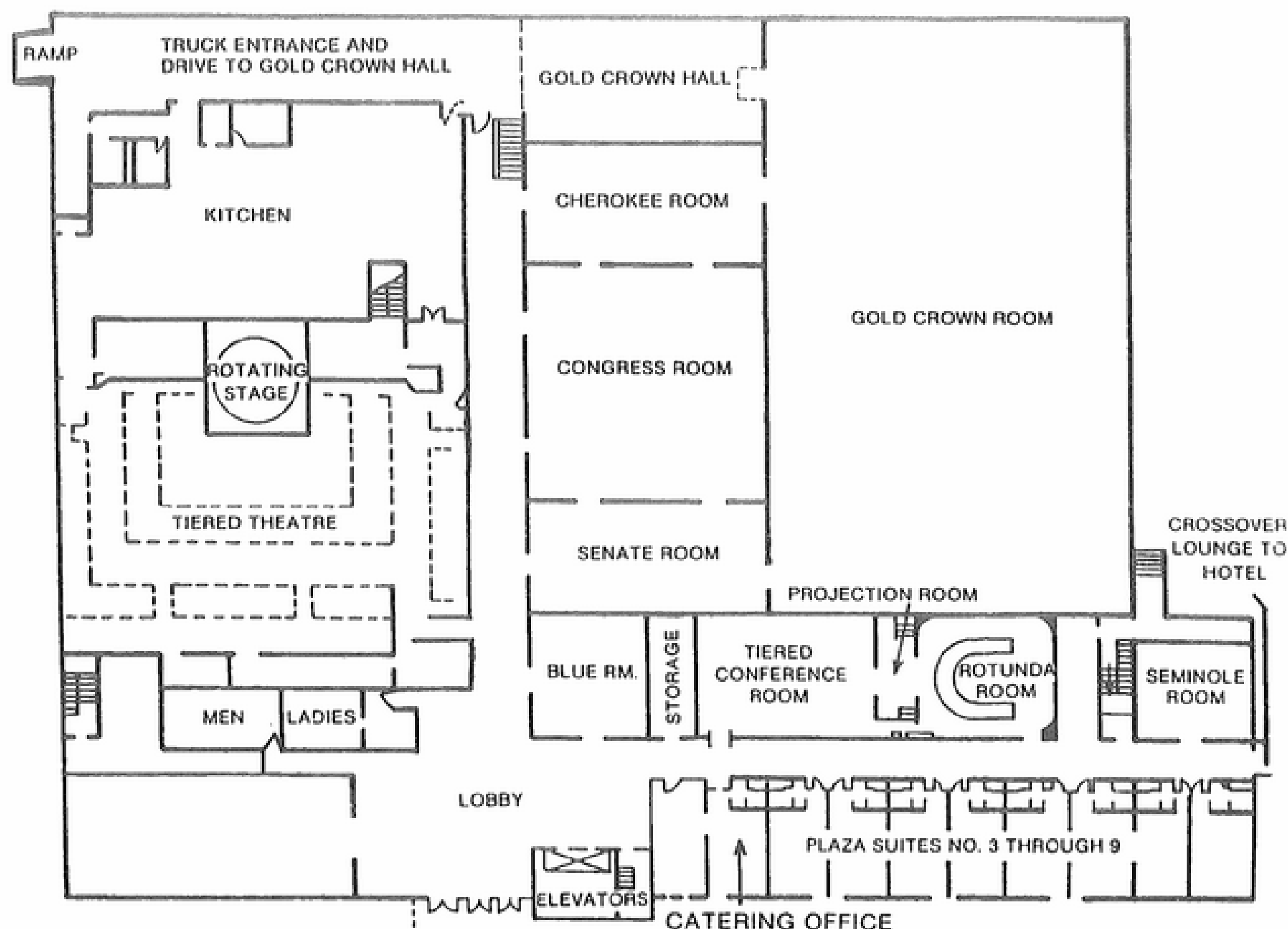
LAST NAME _____	FIRST NAME _____
ADDRESS _____	CALL SIGN _____
CITY _____	STATE _____ ZIP _____
ADDITIONAL REGISTRATIONS (NAME & CALL SIGN) _____	
_____ REGISTRATIONS	@ \$7.00 _____
RESERVE _____ FLEA MARKET TABLES	@ \$2.00 _____
RESERVE _____ BANQUET TICKETS	@ \$7.50 _____

(REGISTRATION(S) WILL BE MAILED TO YOU IF RECEIVED BEFORE JULY 17, 1989)
SEND PRE-REGISTRATION FORM WITH CHECK OR MONEY ORDER TO:
HAM HOLIDAY '89 PO BOX 850625 YUKON, OK 73085-0625
MUST BE POSTMARKED BEFORE JULY 24, 1989

NAM HOLIDAY 1989 PROGRAM SCHEDULE

<u>Friday July 28th</u>		
<u>Time</u>	<u>Topic</u>	<u>Room</u>
7:00 pm to 8:30 pm	Skywarn Storm Spotters Training School Presented by: Bill Bunting	Tiered Conf Room
<u>Saturday July 29th</u>		
10:00 am to 11:00 am	Basic Antennas for beginners. Presented by: Bob R. Shaw	Tiered Conf Room
10 am to 12:00 noon	Non- Technical Programs	Seminole Rm
10 am	MORI	Stars
10:30 am	Volunteer Exam Session	To be announced
11:00 am to noon	Packet Radio Presented by: J. Frank Fields	Tiered Conf Room
1:00 pm to 2:00 pm	RACES/ARES Presented by: Bennett Basore & Bob Tierney	Tiered Conf Room
1:30 pm to 2:30 pm	Lingerie/Fashion Show Presented by: AROUSE	Seminole Room
2:00 pm to 3:00 pm	Oklahoma Repeater Society Inc. Presented by: Joe Buswell	Tiered Conf Room
2:00 pm to ???	Bingo	Stars
2:30 pm to 3:30 pm	Zoomobile (attendance limited to 25)	Seminole
3:00 pm to 4:00 pm	Tri-Service MARS Presented by Ann Tierney	Tiered Conf Room
<u>Sunday July 30,</u>		
9:30 am to 10:30 am	Baptist Hams	Seminole
10:00 am	Volunteer Exam Session	To be announced
11:00 am to 11:45 am	League Forum	Stars
11:45 am	Awards	Stars
1:00 pm	Convention Closes	

SEE OTHER SIDE



**WELCOME TO THE 1989
HAM HOLIDAY AND ARRL WEST GULF DIVISION CONVENTION**

Sponsored by Central Oklahoma Radio Amateurs

Friday	7/28/89	Registration	4:00 pm to 8:30 pm
		Skywarn Storm Spotters	
		Training School	7:00 pm to 8:30 pm
		Hospitality Time	8:30 pm
Saturday	7/29/89	Registration	7:00 am to 4:30 pm
		Flea Market Setup	8:00 am to 9:00 am
		Flea Market Open	9:00 am to 4:00 pm
		Commercial Exhibits	9:00 am to 5:00 pm
		Programs	10:00 am to 4:00 pm
		Volunteer Exam	10:30 am
		Bingo	2:00 pm
		* Banquet	7:00 pm
Sunday	7/30/89	** Wouff Hong	12:00 midnight
		Registration	8:00 am to noon
		QCWA Breakfast	8:00 am to 9:30
		Flea Market	9:00 am to noon
		Commercial Exhibits	9:00 am to noon
		Baptist Hams	9:30 am to 10:30
		Volunteer Exam	10:00 am
		League Forum	11:00 am to 11:45
		Prize Drawings	11:45 am
		Convention Closes	1:00 pm

* banquet will be held at the Mayfair Center
3200 N.W. 48th, OKC

** gather near Registration for the Wouff Hong

SEE OTHER SIDE

BICENTENNIAL AMATEUR RADIO CLUB

"To Promote Radio Communications"

The Bicentennial (76er) meeting was held at 8:10 P.M. July 11, 1989 at the Oklahoma City Community College. Vice President Bill Skipper, KB5BS, called the meeting to order.

76er's meet every second Tuesday of each month at 7777 South May at the Community College on the second floor of the main bldg. room 2N7, (unless specified otherwise). If you need help finding the room go to the main entrance, an Information Center Desk clerk will help you.

The minutes of the last meeting were read and approved with no changes.

The Treasurer reported that the bank balance was \$608. The CORA withdraw was \$84.26 for members. This is \$0.35 per person per month. No other expenditures were pressing at this time.

REPEATER REPORT was given. Suggestions were to develop a repair date to replace the rebuilt power supply and sweeping of the station. This date is to be set within the next two weeks.

OLD BUSINESS included a discussion as to whether the 76ers and OKCCC Radio Club would remain together or split. This issue is very important to all so a decision was made to postpone further discussion until next the next meeting on August 8, 1989. At that time a final decision will be made. A telephone calling program to get more members to the next meeting was developed. Consideration was made to change the meeting site to South Community Hospital, site of the 76er repeater, since the meeting could be held earlier and that one room would be dedicated for the 76er meeting, i.e., there would not be a need to move from room to room as is now the case at OKCCC.

TUNING CLINIC was held at the college and the availability of the finest test equipment was available. The test consisted of frequency deviation, output power and other important functions. Most all that were checked passed with FCC standards the ones that did not were advised of the situation.



The ACCARC meeting for July 1989 was attended by 16 members and guests. It began at 19:30 and was presided by NY5W.

Tom gave the CORA report. He said Ham Holiday preparations are progressing satisfactorily. Incidentally, Tom is the new CORA Treasurer.

The Treasurer for ACARC, Doug, W0XA, reported that the second quarter, 1989 had:

Income (including antenna and rotor donation) of \$1044.00. Expenses (including antenna & rotor purchase) of \$1526.99. Balance of \$688.90.

Jack, WB5SVN, said the new 40 meter antenna had problems until some misassembled parts were correctly assembled. You know Murphy's law and a 50-50 chance.

Ted is the new CORA alternate for ACARC.

Conducting some future license classes was discussed.

The August meeting will be a joint venture with the V H F Club to consume some water-mellon. Look at the August calendar on the back of the C&E for the date and time and place. See you there. (Friday, 7:00 pm, Lyons Park, between Rockwell and Council Road on 36th Street). There will be no regular meeting in August.

The meeting was adjourned at 20:30.

Bill, K5KDR

INDIVIDUAL IMPRESSIONS

Ralph W. Rea, W5AA, has been my across-the-fence neighbor for 31 years but I only met him a few months ago through both of us working in the QSL Bureau. Ralph was born in a telephone exchange in Alfalfa, OK, later moving to Carnegie where he graduated from High School. He got his ham ticket at the age of 12 and was assigned the beginning 1x2 call of the 5th District. He later went to Kansas City and worked and studied radio and TV at the National Radio & TV School atop the 1st National Bank. Ralph got in on early day mechanical scanner TV tests at W9XAL. He passed his 2nd Class Radiotelegraph

and 1st Class Radiotelephone licenses and took a job at KASA, Elk City. He moved on to KIDW in Lamar, CO and helped build KOKO in La Junta, CO. They constructed a steel radio tower and had the call letters put on in large neon lights attracting much attention. Ralph met his future wife Pauline at this time when she came out to do a commercial program at the station. Ralph copied Trans-Radio Press News by code and typewriter at a speed of 35 WPM using hunt-and-peck on a typewriter. He later worked up to over 50 WPM. He went to Clovis, NM and worked at a police radio KNFA using phone for local and CW for inter-city communications. He later changed to a Clovis AM station for a while and moved on to Okmulgee, OK at KHBG. He moved to OKC and worked at KTOK. Ralph had aspirations to work for the FCC but ended up with CAA instead, at a Lebo, KS site midway between KC and Wichita. While there, an American Airline emergency landing took place and Ralph had to direct the plane to land. He saw it headed directly toward the tower and warned the pilot, averting a crash. At Lebo, Ralph's biggest headache was the gumbo mud around the site. Each day he had to have a garage remove it from his car before driving out to the site.

Desiring to have more hands-on experience with equipment, Ralph heard of the CAA Depot at Ft. Worth. He landed a job there and stayed for 16 years. During the WW2 years, Ralph worked weekends at WBAP, wearing a .38 caliber pistol for wartime security of the station. After the war when the FAA Center was set up in OKC, the Ft. Worth Depot was moved here and Ralph came with it. Here he worked his way up to become Chief of the Engineering Section before the time of his retirement.

Ralph's first ham rig was pp '45s in a TNT circuit with a '01A speech amplifier and '50 Class A modulator. His receiver was a Pilot Super Wasp. His first contact was with Raymond Willis, W5ATO. His main activity has been on 80 meter phone with some also on 20 meters. He does not care for CW, having done so much of it professionally. Ralph is active in the local QCWA group and has served as Chairman for several years. Ralph also belongs to the Society of Airway Pioneers, is a life Senior Member of IEEE, National Society of Professional Engineers, ARRL, and ACARC.

Charles E. Maupin, W5HQM

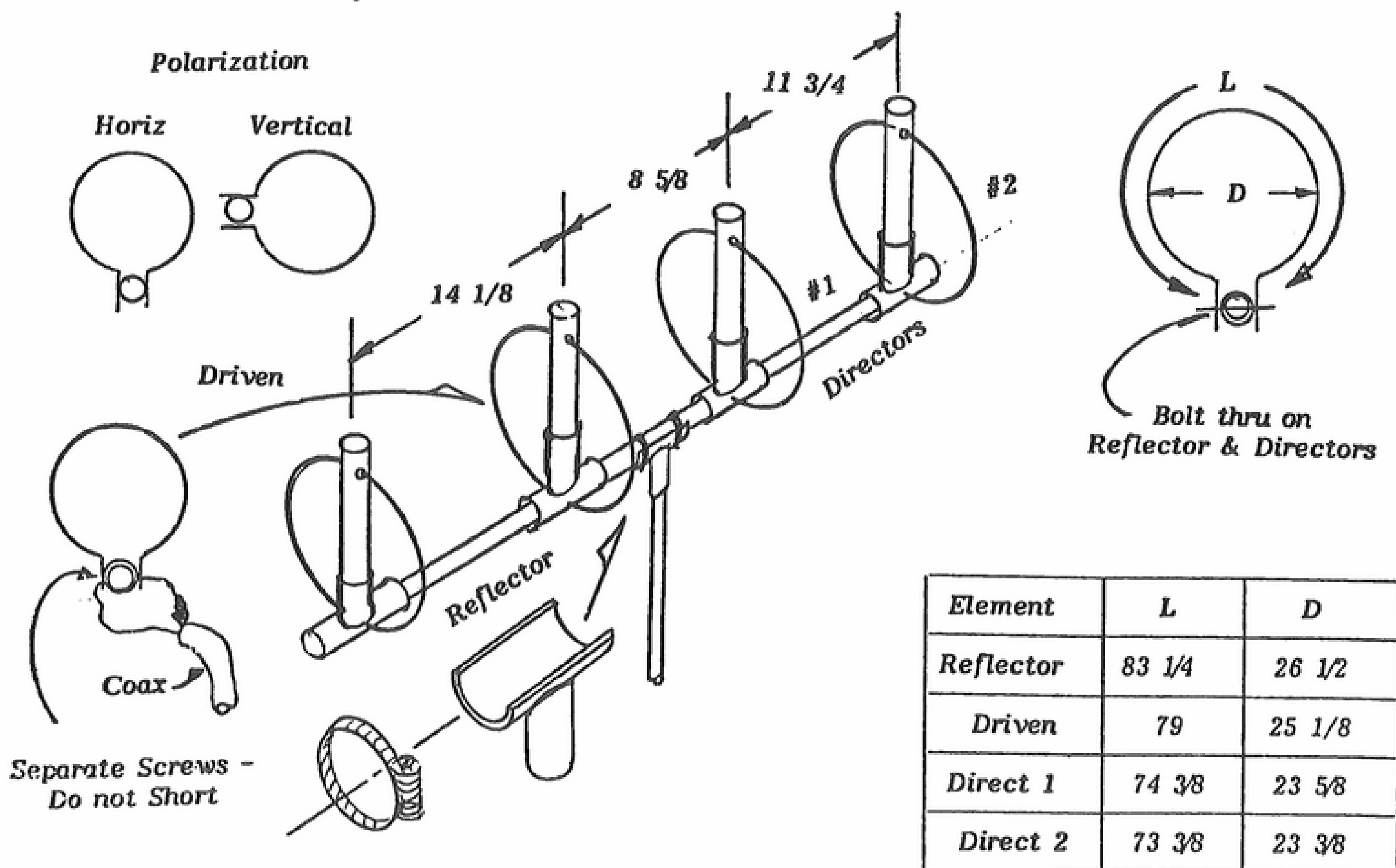
Submitted by KA6NIY from FEEDBACK

No! It is not a rare Norwegian Island DX Station. It is the answer to the question of how to boost your signal and reception on 2 meters at the lowest cost. If you have a "hand held" and want to talk across L.A., like I did, or you want to punch your SSB signal into a "DX" state, or you just want to know where that signal is coming from, then read on. The Low Cost 4 Element Loop Quad (LC4ELQ) is for you.

The basic design is that of a quad antenna except that the elements are loops not squares; construction is simple and inexpensive. The wellstocked junk box can provide all the parts.

Figure 1 shows the complete antenna. It is fabricated from a boom and mast of 3/4 inch schedule 40 P.V.C. They are joined by a P.V.C. "T" fitting which has had the "T" bar cut in half and stem glued to the mast. The cut section is clamped to the boom with a couple of 1 1/2 inch hose clamps. The clamps allow movement of the boom for balance and rotation for polarity. Each loop is made from #8 aluminum ground wire (Radio Shack #15-036). To assemble the elements to the boom, drill 1/4 inch holes through the boom for the reflector and directors and pass 1/4 X 1 1/2 inch bolts through the boom with two washers at each end. Bend hooks on the end of the wire loop and pass them around each end of the bolt. For the driven element, drill a 5/64th inch hole through the boom and use a 1/2 x #6 screw on each side with 2 washers to hold the wire and feed line. 50 ohm coax is connected directly to the antenna. For SSB and other horizontal polarization, place the boom at the top or bottom of the loops. For FM or vertical polarization, rotate the boom and retighten the hose clamps with the boom to the middle of either side of the loops. If you intend to mount the antenna outdoors, three pieces of fishing line should be strung through the loops to keep them from changing their relative position as this will affect the SWR. The antenna will work well at any height but will improve in performance at higher elevations. Initial results were good with it located six feet off the floor in my shack. It is now mounted above my tribander at 40 feet.

Judi, WB6SKE, helped me with some "on the air" measurements; the results of which are shown in figure 2 along with SWR measurements. Phil, N4VN, built a copy in 45 minutes without buying any material. Why not try one yourself? If you do, drop me a line or give me a call and let me know how yours works. De Nick K6KTS





GREETINGS FROM EARS!!!!!!!

WELL, AS I SAID LAST MONTH, I MISSED FIELD DAY AGAIN, BUT AS I UNDERSTAND IT, IT WAS VERY SUCCESSFUL. SOME 600 "OR MORE" CONTACTS WERE MADE, AND I BELIEVE THE FARTHEST WAS HAWAII -- TWO TIMES. SOME 75 TO 80 PEOPLE ATTENDED WITH 5 OR 6 RIGS OPERATING OVER AT THE OAK CLIFF VOLUNTEER FIRE DEPARTMENT GROUNDS. THE DINNER, CATERED BY CROCKETS, WAS VERY GOOD AND ENJOYED BY ALL WHO SIGNED UP FOR THE MEAL. GOOD GOING EARS!!

NOVICE CLASSES WILL BEGIN ON SUNDAY, SEPTEMBER 17, AT 2:00 P.M. THIS YEAR AT ST. JOHNS THE CATHOLIC CHURCH AT 8TH & LITTLER IN EDMOND. THIS WILL BE EARLY ENOUGH TO FINISH ALL CLASSES HOPEFULLY BY CHRISTMAS. IF YOU KNOW ANYONE

WANTING TO BECOME AN AMATEUR RADIO OPERATOR, PLEASE HAVE THEM COME TO THE CHURCH ON THE 17TH AND SIGN UP. THE FEE AGAIN WILL BE ONLY \$10.00 AND IS WELL WORTH IT. I HAVE ONE PERSON WANTING TO JOIN OUR GROUP.

JUST A HANDFUL OF VOLUNTEERS ARE STILL NEEDED FOR HAM HOLIDAY REGISTRATION; ONLY 2 HOURS PER SHIFT. IF ANYONE IS INTERESTED, CONTACT LEE VAUGHN, KASWIS, AND HE WILL LET YOU KNOW THE SHIFTS WHERE HE NEEDS YOU. HAM HOLIDAY WILL BE GREAT AGAIN THIS YEAR. IT WILL BE ON JULY 28TH, 29TH, AND 30TH. PLEASE TRY TO ATTEND.

THE 4TH OF JULY PARADE WENT VERY WELL. THERE WAS ONLY ONE PROBLEM I KNOW OF. A HORSE FELL AND DIED IN THE PARADE, PROBABLY OF HEAT EXHAUSTION OR HITTING ITS HEAD ON THE STREET IN THE FALL. I'M SURE THE OWNER HATED LOOSING THE ANIMAL. OUR CONDOLENCES! THE CROWD AROUND THE PARADE AREA SEEMED TO BE A LITTLE Milder

THAN LAST YEAR, AND ALL IN ALL, I THINK EVERYTHING WENT VERY WELL. THANKS TO ALL THE MEMBERS WHO PARTICIPATED AND HELPED OUT.

STAY TUNED TO THE MONDAY NIGHT INFORMATION NET FOR DETAILS ON THE AUGUST DINNER MEETING. IT WILL BE ANNOUNCED ON 147.135-.775 REPEATER.

73'S FOR NOW.

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THE AMERICAN RADIO RELAY LEAGUE, INC.

SECTION MANAGER

OKLAHOMA SECTION

QST—
OFFICIAL JOURNAL

From: Joe Lynch, N6CL

To: All West Gulf Division Radio Amateurs

As Section Manager for the Oklahoma Section (the host section) of the West Gulf Division, I would like to welcome you to this year's West Gulf Division Convention.

This Convention promises to be bigger and better than ever, with more seminars, dealers, a 10,000 square foot flea market, VE testing, the largest ARRL Forum anywhere and prizes galore. There are even plans for the whole family.

So, relax, take in some of the seminars, spend some money on something you have been putting off buying and enjoy our Oklahoma hospitality.

Best of 73.

Joe Lynch, N6CL

PRE-REGISTER NOW

SINCE 1914 - OF, BY AND FOR THE RADIO AMATEUR

My Science Experiment
For Mr. Jones 5 Grade Science Class
By Elmo Fuggwell

I have given lots of thinking to what my science experiment would be. My father Milt Fuggwell is a ham radio operator and he wanted me to do a experiment with electricity. Mom hates electricity. She says dad should be spending all his time watching TV with her, not listening to all those horrible noises form his radios in that little room in the basement.

She wants me to do a experiment with ananimals or learn to spell better, not waste my time like dad. She says that all the shocks dad has got from working on his radios has addled his brain. So I decided to make them both happy and do a experiment combining both electricity and ananimals on addleing brains.

I call my experiment THE EFFECT OF ELECTRICITY ON THE NURONS OF CATS. Because we just studied nurons last week and all I could find to experiment on was some of Mrs. Dinkleworths smelly cats next door. I would have liked to use a rat like a real sciencetist, but I could not afford one and dad kilt all of them in our gargage with his shot gun last year.

First I had to get the cat to cooperate with my experiment. I did this by hitting it on the head with a broom stick. This is all right because dad fell off the tower where he has all his ham radio antennas last year and landed on his head and mom says that's one of the reasons he ain't quite right. So the lump on the cats head is all part of my experiment.

After cooperating the cat, I tied it to a wood board with duct tape and hooked it up to the electricity. To make the connection I strapped a empty tuna can to the top of its head and grounded its tail to the water pipe. Dad says grounding to the water pipe is very important in radio.

Then I hooked the tuna can to the big red wire that goes to the box dad calls the linear. Then I threw what he calls the big switch. The cat let out a big scream and jerked a lot before it started to smoke. The smoke told me the cat was ruined because lots of dads radio experiments let out all kind of smoke when he turns them on. He says when the smoke gets out of a IC it's no good no more so I figured the cat was shot to.

This first experiment taught me that I left the electricty turned on too long so I took a photo of the cats

smoking carcase with moms polaroid to record the results of the experiment and went next store and caught another subject.

I made this cat real cooperative to. This time I just let it scream awhile and turned off the power before it started to smoke. I now prepared to test the cats brains. After carefull thought I decided the way to do this was to see if could still land on its feet when it was dropped.

Since the cats eyes were all bugged out and it was twitching a lot, I decided to give it plenty of time to get itself all turned around as it fell. So I decided to drop it off the top of dads radio tower in the back yard.

Here I thought up a very serious problem to my experiment. What if after landing on its feet the cat got up and ran away? I would loose a important experimental subject. To prevent this I tied a rope around the cats neck real tight.

After I climbed to the top of the tower I dropped subject two from the bag I put it in and it fell. At this point I discovered another error in my experiment, the rope I had chosen was not long enough and the cats head popped off when it came to the end. Like a good sciencetist I made use of this. I put the subjects head in the refrigerator for later study of its nurons.

I then went outside to see what had gone wrong. I had a a hunderd foot rope and dad told the city zoning inspector man that the tower were only a hunderd foot high when he came and fought with dad. To find my error I counted the ten foot sections and found there was 12 of them. Dad must have put two more in by mistake.

So I got more rope and cooperated subject cat three. This one took two lumps on the head to cooperate so I didn't hold in the big switch as long. I think everythig balanced out about right cuase this cats eye's bugged out real good to.

As I was climbing up the tower again with subject three my mother came home from the store. She opened the refrigerator to get some pop to mix her gin in and found subject two's head sittin on top of her lima bean cassolore and started to scream real loud. Then she come runnin outside just as I tossed subject number three off the tower.

Number three landed on its feet. This proved that electricity hadn't addled its brain and that dad was all right in his head to. I also obsurved

that the cat could run real well on the two of its legs that still worked. Mom kept yellin at me as I climbed down off the tower and she untied the cat.

It crawled out in the street and got run over by a cement truck and she yelled some more. I ran and got a butcher knife because I knew a real scientist would want to keep its head to study the nurons. I would have done a better job of getting the subjects head but the cat was squahed all flat from the truck.

Mom ran yelling back in the house and finished off her bottle of gin and left me alone. This was good because a real sciencetist thinks better alone and I had to think out the results of my experiments. I would have done more experiments but old Mrs. Dinkleworth saw subject number three get hit by the cement truck and me cut off its head to save its nurons for further study. She said she was going to call the police and got into a big fight with dad when he came home.

He told her if she didn't shut up he was going to get back on six meters and she'd never watch her TV again. When I told dad about my experiment he said he was real proud of me. Dad is letting me keep the nuron filled heads of my subjects in the refrigerator in the basement where he keeps his beer. He's real happy how I climbed the tower and says he has lots of work for me to do on his antennas this week and may even buy me a safety belt next year.

In keeping with the electricity part of this experiment I am writin my report on dads computer radio. I like typing on this thing because it beeps and lots of colored lights blink on the thing called the TNC while I type. I don't know why but the computer says my report is being stored on something called a hulliton board.

They call them bulliton boards because most of what is on them is a bunch of bull dads says. There is nothing on it about science like I hoped. Just a bunch of bull about beaconing.

My experiment was very succcessfull and I am planning more. I am very interested in brains and if you can control them with radio. The only thing I am worried about is that mom is making me go to a doctor to check my nurons and I hope he is not a ham because if he is my nurons are in big trouble.

FROM WA0AUQ
Via WB5FWE and K2GKK

Q. R. ZED cont.

international good will.

I think an occasional joke about Boris Badenov, restricted to the pages of *Collector & Emitter*, is not really very likely to topple the Soviet leadership or enflame world opinion. But the friendly phone call did bother me in that it would be a real shame if even one young radio amateur took some silly gags as justification for un-hamlike rudeness to anybody else on the airwaves.

Personally, I have never had an unpleasant contact with a Russian ham station. Which is a lot more than I can say for a number of other countries -- certainly including our own. Russian operators are well trained and unfailingly polite and precise in their station operation. I like 'em. I like to work 'em. When things were going badly between our nations, it was faintly reassuring to chat with a guy in Moscow or someplace over there and imagine that in a very small way at least *the two of us* were acting civilized. Now that the Soviet government appears to be trying to open up and liberalize its operation in some ways, it seems even more important to me that everybody remember the spirit of brotherhood that is supposed to be a hallmark of amateur radio.

So -- as I told my earnest caller -- I might continue to relate stories about old Boris from time to time, along with his beautiful, slinky, dark, nasty QSL secretary from Box 88, Natasha Bullwinkle... she of the threats to stick Tondelayo with her knife.

But my gracious. Just as Bill Buckeye is an exaggeration, just as Legendary Surf is meant to be a good-natured spoof on the 6's of the world -- and just as Zedd sometimes looks just a *leeetle* bit (if you look real, real hard) like a bodacious, braggadocious jerk -- Boris Badenov is for fun, and any connection with reality is strictly accidental, and not intended.

We don't do reality here. We don't even do windows. Please don't try to relate to reality anything that goes on here. I am not about to sing a love song to the Russians, but I am not exactly an admirer of Dingfod Armstrong or Harley Mincemeat, either. I'm doing jokes, men, not social commentary. Most every character in the column has one characteristic that I have to laugh at, or I would cry -- both in the column and in the reality of the airwaves.

And that's rudeness.

QSL BUREAU NEWS

The Fifth District QSL Bureau was well represented at Ham Com in the Arlington Convention Center this year. A new DX group, The Lone Star DX Association had a great QSL display with a prominent booth in the flea market area. QSLs from 316 countries were displayed along with many foreign QSL samples free for the taking. Lone Star also sponsored a hospitality room and Saturday evening presented a DX video entitled "Block Buster". The new group is located in Irving, TX and demonstrates an enthusiasm that should be more in evidence in the OKC area. Matter of fact, Lone Star may be a good group to take over the current Fifth District QSL Bureau activities unless more interest is forthcoming in our CORA area. We have a lot of active local DXers receiving their QSL cards through the Bureau but not one of these has offered to help the Bureau as an Assistant Manager. With the amount of cards to be processed currently increasing with the new sun spot cycle activity, unassigned letters will have to have their QSL cards held for quarterly (or more!) intervals before our small staff can process them and get them mailed out. Other states would like to run the Bureau and this may well happen

So don't pick on Boris. He's no worse or better than any of the others, and in realistic terms he's probably less characteristic of his real-life counterparts at home than anybody else who appears here.

As a matter of fact, the only character in the Zedd column I *really* like, and consider a real person, is Homer Klott. I didn't intend to let this out, but he is based on my own personal experiences when I was trying to get into ham radio. I still believe in him 100 percent, and I still have experiences regularly that make me realize how much he and I are alike.

Like not long ago, when I got back on 40 meters after an absence of several years, and learned that a transmitted signal on that band sets off my underground lawn-watering system.

Hey, what do you do to ground a system *that's already in the ground*? Does anybody have a diagram showing how you wrap a choke around a sprinkler head? Where do I hook the bypass capacitor leads -- to the puddles or to the mud? Does anybody have an underwater soldering iron?

Move over, Homer.

As N5ALG is fond of saying, "I wish I understood what I know about this..."

-- KU5B

if more do not volunteer in our CORA area.

Since Ham Com included the Diamond Jubilee national ARRL annual convention, many of the staff from Newington were on hand. The DXCC personnel processed more than 87 DXCC upgrades.

There are currently nine alphabet letters needing QSL managers in the Bureau. If you have the time and inclination to help, contact Joe Schilling 1409 SW 66 OKC, OK 73159 phone (405) 681-5884. Joe can mail your cards to you if you live out of the OKC area.

FCC ISSUED CALL SIGN UPDATE

District	Group A	Group B	Group C	Group D
	Extra	Advanced	Tech/Gen	Novice
0	WU00	KF0DF	N0KSI	KB0ESV
1	NW1X	KC1PG	N1GQB	KA1UAO
2	WQ2O	KE2NQ	N2JNE	KB2H2B
3	NV3C	KD3NJ	N3HEE	KA3UUF
4	AB4OX	KM4TJ	N4VYU	KC4LCG
5	AA5LY	KG5UV	N5OOJ	KB5JSS
6	AA6OI	KJ6VH	N6VIG	KC6ECG
7	AA7AM	KF7UG	N7MXE	KB7H2R
8	WT8H	KE8ZS	N8KWU	KB8HOK
9	WI9O	KE9QP	N9IOJ	KB9CYJ
Guam	KH2K	AH2GE	KH2DW	WH2AMF
Hawaii	"	AH6JU	NH6TK	WH6CDN
Alaska	"	AL7LG	NL7RY	WL7BVA
USVI	NP2E	KP2BP	NP2DD	WP2AGV
P.R.	"	KP4QE	WP4VX	WP4IKJ

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To Pre-register



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FLEA MARKET

LAST CHANCE
To Pre-register

JULY

HAM HOLIDAY
&
ARRL WEST GULF CONVENTION
JULY 28 - 29 - 30

28
HAM HOLIDAY

29

SUN	MON	TUE	WED	THU	FRI	SAT
30 HAM HOLIDAY	31	1 MORI	2	3 AERONAUTICAL CENTER ARC JOINT MEET	4	5
6 GREAT PLAINS ARC	7	8 O U 76'ERS CIMMARON ARC O'DAR	9	10	11 WATER MELODY 7 PM LYON PARK 36TH 136TH ROCKWELL + COUNCIL	12 SOUTH CANADIAN ARS
13 WHEATSTRAW ARC	14 EDMOND CLUB	15 OK CITY AUTOPATCH	16	17 ALTUS AREA A R A KAY COUNTY A R K	18 EDMOND SOCIETY	19 CENTRAL OKLAHOMA YHF CLUB
20	21 VE EXAM 6 PM RED CROSS BLDG	22 CORA COPA CORA CORA CORA CORA	23	24	25 EDIT NIGHT FOR C & E	26
27	28	29	30	31	AUGUST	

Q. R. Zedd

SPEAKING OF GLASNOST...

Q. R. Zedd, A5A, the world's mightiest DXer and all-around great guy, was out of town recently, flying around the planet in the VTOL jet plane of his own design. The great man does this every once in a while to give the deserving of other nations a chance to bask in his greatness and have, as they say, an eyeball.

In Zedd's absence, things grew quiet around Honor Roll Ranch, just a hoot and a holler south of town. Which gave Tondelayo time to paint some of the towers and supervise the harvesting of some mountain oysters, and Homer Klott the study time he needed to continue his memorization of the Morse letter "L." Some of the

boys from the South Canadian Amateur Radio Society, unable to have the usual fun of watching the great one operate, lit out for Colorado and other places where the temperature may be below 110.

The hiatus also gave your obedient author time to create this comment about an aspect of the Zedd column that seems to have worried a few guys.

It was back in the Spring, I think, when the telephone jingled and yours truly got the first call concerning the Zedd saga that he has received in, oh, maybe two years.

It was a nice feller, a fellow member of the amateur radio fraternity and subscriber to C&E, who had a bone to pick.

Namely, about our good friend and sometime star of the saga, the greatest DXer of the Soviet Union, Boris Badenov.

We have a lot of fun from time to time with Boris, who -- like our own Zedd -- manages to pull off a lot of

great radio feats, but seldom hesitates to proclaim himself as the greatest. All in good fun.

The problem alluded to by my caller, however, was that he works with some youthful radio amateurs (and ham aspirants) who sometimes take the jokes about Boris Badenov too seriously. My friend reported that some of his guys are quite young and quite patriotic, and they sometimes carried over their patriotic sentiments into an interpretation of the Zedd column.

In short, said my caller, his young guys sometimes tended to conclude that all real Russian radio amateurs must be jerks like Boris.

You can imagine the next mistake if somebody makes this first one. Intentional QRM on signals from UA-land, gross on-air comments to or about Soviet operators, etc. My caller was concerned that printed jokes about Boris Badenov might encourage such hooliganism, and damage

CONTINUED ON PRECEDING PAGE