

IN the DARC

MARCH

The Monthly Journal Of The Dallas Amateur Radio Club
W 5 F C - W R 5 A B Y

SCHOOL BELLS RINGING AGAIN !

Monday February 6, 1978 marked the beginning of the Spring semester of the DARC's licensing classes, and the occasion was a roaring success. 165 students enrolled, and Club Education Officer Harlan Holiner, WB5LTE was all smiles. This semester marked the second offering of classes at Hillcrest High School, and while the Fall semester enrollment was down from the previous year, Monday's turnout was encouraging. Credit must go to all who worked so hard to get the word out via the media, as we heard many students comment about hearing of the classes on radio, newspapers etc.

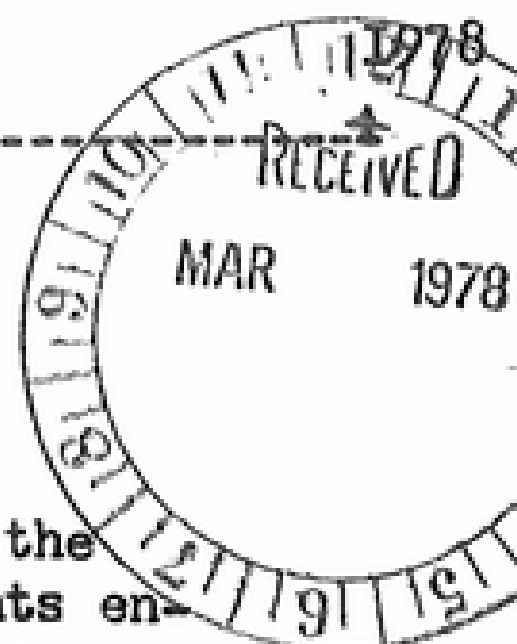
I think everyone who was there will agree that we had a great turnout of very enthusiastic prospective novices. I'm sure our great staff of novice instructors will have their hands full ! It was also gratifying to see so many familiar old faces out to upgrade. Possibly the examples of two very well known personages, one a repeater trustee, the other a President, (I hate to mention names) served to spur everyone to action.

In case you were not able to make it out, we've included some excellent pix furnished by our ace photog Jim Nash, K5BDC. Please turn to the following pages and meet our fine staff of instructors and see some of the excitement you missed.....

Y L S MEET

Rumors were flying hot and heavy this month about a meeting of the DARC YL's at the Bonanza, located at Lemon and Northwest Highway. It was reported, unreliably I might add, that insurrection was discussed at length. I know that Sara, Linda, Wilma, Lorene, Norma, Pat, Jeannine, Dee, my own XYL, and some of the others present, would not really think of anything like that, WOULD THEY ?? Another meeting is now in the works, although time and place are still undecided. Those YL's wishing to attend should give Tiger a call at 328-6474.

BY THE WAY, What's this about some guy, Patrick I think the name is, who was invited to attend but was unable to because of a prior commitment to Granny's Dinner Playhouse????? He does WHAT?????.....



Please send any additions or corrections to Gordon Turner, WB5OYL
call on 28/88 214-233-8822, or send to PO Box 2694, Dallas 75221

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2 IARC CLASS	3 West Coast Com- puter Faire, San Jose, Calif.	4 ARRL DX Contest 4-5 Phone YL-OM Contest 4-5 CW ECI Sale, QGWA Dallas WYatts
5 Teays ARC Ham Fiesta Circle- ville, Oh. Sterling-Rock Falls, Ill. Ham	6 West Coast Bull- etin 3540 khz A-I 22 wpm 8 pm PST W6ZF	7 DARC Meeting Amsat Eastcoast Net 3850 khz 8 pm EST Also Mid. & West Nets-8pm CST 7PST	8 PARK Meeting Flano	9 QGWA Fort Worth IARC Business Meeting	10 Jefferson Barr- acks ARC Hamfest Auction St. Louis Mo.	11
12 Felt To	13 RWK Meeting Richardson	14 CRW Council Meeting Amsat Nets (same time and freq.)	15	16 KC Club Fort Worth	17 ARC Meeting Arlington	18 ARRL DX Contest CW 18-19 Midland ARC Swap- fest Computer Hobbyis Group
19 Toledo MRA Aucti- on/Hamfest, Toledo Oh. Tri County ARC Hamfest Jeff- erson, WI.	20 HARC Meeting Hurst West Coast Bulletin 3540 khz, A-I 22wpm 8 pm. PST W6ZF	21 SKDC ARC Meeting Amsat Nets	22	23	24	25 PARK Sidewalk Sale BARTG Spring RTT Contest, ARRL Great lakes Div. Muskegon, Ill. CQ kW WFX Contest
26	27 GARC Meeting Garland	28 TI ARC Meeting Amsat Nets	29	30 IARC Meeting Irving	31	

THE EDITORS CORNER

Well, it seems I've inherited this job, at least until some fool, er other individual steps forward to assume the task. It seems a shame that no one is willing to put forth the effort required to keep our club newsletter going in it's current style. I think everyone will agree that Frank did a fine job of pushing this publication to the top of the list of club papers. We owe him a vote of thanks. I'll try to maintain the paper the way you want it, but I'll need help from everyone. If you would like to present an article for consideration there is a typing guide enclosed in this issue. Get up on your soapbox, discuss current projects, offer suggestions, anything you feel is important, or even trivia or humor, type it up and send it to me at 1934 B Tarrant Pl., Dallas, 75208.

I'm DISSAPOINTED at CQ magazine these days. After reading the comments of the editorial staff in regard to the press release from the "Communications Attorney Service" ie KING Richard B. Cooper, about his attempt to petition Congress for unlimited bands for his "subscribers", (read that illegal CB'ers), I felt moved to air my feelings about Mr. Cowan's heritage, and to tell Mr. Cooper what he could do with his suit. Funny thing, they wouldn't let me print it in a family publication!

Next month I'm going to talk about some lovely operating practices I've heard lately on 2m FM.....

Until Then, 73 Pete

BY THE WAY.....A special vote of thanks to those who helped last month: to Brenda, WB5WFZ, for hauling everything downtown and patiently waiting for Bill and I to find out if we'd paid the bill at the post office, to Bill, WB5TOO, for paying the bill, to Bob, WA5ZNZ and his lovely wife Mary, WB5KWD for putting up with a house full of paper and doing the worrying, to Jim, WB5GER, for giving me a backache, to Frank, WB5AYY, for his invaluable training, but most of all, to Bob's odd looking maroon and white toilet with the funny designs on it, without which we all would have been in BIG TROUBLE.....

THE DALLAS AMATEUR RADIO CLUB, INC.

IN THE DARC

Manuscript Typing Guide

Send All Manuscripts To:

Banks (Pete) Campbell Jr.
1934 Tarrant Pl. #B
Dallas, Texas 75208

COPY MUST COME WITHIN DARK LINES

- TYPE SINGLE-SPACED LINES, ON ONE SIDE OF PAPER ONLY -

INSTRUCTIONS ---

- Place this guide under a clean sheet of plain white 8½" X 11" paper, and insert in typewriter.
- Width of actual typed copy must not exceed 7".
- Articles submitted not conforming to these specifications, whether typewritten or handwritten, may suffer a delay in publication, due to having to be re-typed.
- Regardless of form submitted, ALL ARTICLES WILL BE CONSIDERED FOR PUBLICATION.



Handwritten signature and date: 2-9-78

H A M F U N

* * *

Seems lately all members of the DARC board of directors have had to swear off drinking DrPepper, 7up, and big Oranges. Looks like they're all hooked on COKER COLAS.....

Submitted (?) by Harlen WB5LTE

* * *

Did you hear about the DARC board of directors recent field trip and DX-pedition last month ?

It seems they sailed down the RIVERS of the DAVIS mountains flying the DARC BANNER, eating MORTON potatoe chips, GRAHAM crackers, and CAMPBELL's soup, but ended up drinking too much SCHULTZ III, and feeling ALBURY good ran aground in the SANDERS...!!!.....

Submitted by WB5LTE, WB5TOO, WB5WFZ

* * *

Q. Can you please tell me why amateur radio operators are called "Hams" ?

A. There are several explanations given for the nickname and no universal agreement as to the origins. Personally I like the explanation offered in a recent letter from William J. Mockler, an old time first class radio telegraph operator from St. Louis.

Says Bill: "The term comes from the landline Morse Code operators of 50 to 100 years ago, who used to refer to incompetent telegraphers as 'ham and eggs' operators, meaning that they were only good enough to earn 'ham and eggs' money." When amateur radio began to come into its own after the turn of the century, the old term was good-naturedly self-adopted by the fledgling amateurs. I'm sure we'll receive several letters offering different explanations in the coming weeks. We'll print them too.

The Dallas Times Herald

* * *

Heard a good one lately? Send it in. We'll print it.....

* * *

"PRESIDENTIAL PATTTER"

While I don't anticipate that this will become a "regular monthly" feature, there were a couple of things on my mind (Yes "Geeber", I do have one - I think??) that I wanted to bring up.

First, the thirty-one hardy souls that braved the less than desirable elements to attend the regular February monthly meeting were treated to a very excellent presentation on a highly specialized form of insanity (*The Art of Contesting*) and all should be ready to tackle the D.A.R.C. QSO Party, which will be history by the time that you read this. My thanks to Barry W5GN for a fine program. Any more volunteers? Hint to the Program Chairman: *Geeber, How about one on the fine art of DX'ing.* If there is something that you would like to see in the form of a program, drop a hint to Jim WB5GBR. I'm sure that he will welcome them. It's not an easy job.

Second, another fine treat, in the form of an extra large plate of brownies (*Courtesy of Tiger WB5MRB*) was won by Jeff Standifer WB5WAJ, one of our newest members. I know that Jeff enjoyed them and I know that they were good, because I got a sample. For those that weren't there on February 7th, I was "Aggie-ized" for the second month in a row. Tiger found out it was my birthday and presented me with an "Aggie Birthday cake," a brownie with a lighted match in it. (*Thanks Tiger, it was very tasty.*) Yes, I said, "the second month in a row." If you didn't make it in January, Phil K5PC presented yours truly with a maroon toilet seat from my alma mater (*Along with some complimentary?? remarks.*) Thanks to you also, Phil. "Geeber" and Pete WB5RQR will attest that it has been mounted in the usual place of honor directly accross the hall from the ham shack.

Third, the gauntlet has been thrown down and the challenge issued. My informants tell me that the YL's have everything already organized for Field Day and plan to strap it on the OM's. They have their equipment lined up and battle plans drawn and are working on their operating schedules already. If the OM's plan to respond to this challenge, they need to see Mark WB5BFQ and get signed up. I admit that it is early, but the early bird wins the contests.

Fourth, I was very pleased to see 137 people show up for registrations at the classes on February 6th. We expect to pick up a few more late comers during the second week. I would like to wish these students well as they seek to get a license or upgrade their license. I hope I speak for the entire club when I say that if they need help, the D.A.R.C. stands ready to help any way that we can.

Finally, I'd like to say that the D.A.R.C. is a club based on communication. If you have any ideas, suggestions or criticism, please bring it to the attention of one of the Board of Directors. That's what you elect them for. To serve you and the club. Let us know what you like and don't like - what you want and don't want. If you don't tell us, we can only assume that you are pleased with what you are getting.

Robert W. "Bob" Coker WA5ZNZ

* * *

ATTENTION

THIS IS A COPY OF A SHORT NOTE THAT I FOUND IN A CB MAGAZINE. (ALTHOUGH I CANT REMEMBER WHICH ONE.

THOUGH THE OLD IMAGE OF THE HAM DOWN IN THE BASEMENT SURROUNDED BY RACKS OF EQUIPMENT, POUNDING AWAY AT HIS TELEGRAPH KEY, HAS BEEN REPLACED BY THE HAM SITTING IN FRONT OF COMMERCIAL TRANSCEIVER, HOLDING A MICROPHONE, THERE ARE STILL THE BRASS POUNDERS WHO INSIST ON BUILDING EVERYTHING THEY USE JUST AS THERE ARE HAMS WHO ONLY USE STORE BOUGHT EQUIPMENT BECAUSE THEIR MAIN INTREST IS TO SIMPLY TALK WITH NEW AND OLD FRIENDS MUCH IN THE SAME MANNER OF THE AVERAGE CB OPERATOR. IN BETWEEN THE BASEMENT BRASS POUNDERS AND THE COMMUNICATOR IS VIRTUALLY EVERY EXPERMENTAL INTREST POSSIBLE IN ELECTRONICS ALL MADE POSSIBLE BY A LITTLE SQUARE OF PAER CALLED A AMATUER RADIO LICENSE. INTRESTED IN TELETYPES (RTTY) ITS POSSIBLE WITH A HAM LICENSE GOT THE ITCH TO PUT YOUR OWN EXPERMENTAL TV STATION ON THE AIR, THAT HAM LICENSE IS YOUR PERMIT TO DO IT. WANT TO BOUNCE SIGNALS OFF THE MOON HAMS HAVE BEEN DOING IT BOR YEARS, MAYBE YOU WOULD LIKE TO BE ABLE TO MAKE PHONE CALLS FROM YOURC CAR WITHOUT MA BELL GETTING A WEEKS WAGES A MONTH FOR THE PRIVILAGE. YOU CAN DO IT WITH A LITTLE EFFORT AND LITTLE MORE THAN THE COST OF A CUP OF COFFEE, IF YOU USE A REPEATER WITH A AUTOPATCH, NEXT TIME YOU SEE A CIVILIAN WITH A WALKIE TALKIE DANGLING FROM HIS OR HER BELT FIGURE ITS A HAM USING THE LOCAL REPEATER. REMEMBER THAT FOR THE EXPERMENTER AND THE COMMUNICATOR HAM RADIO IS WHERE ITS AT.



THE MIKE

"OBSERVE-REPORT"



VOLUME VII

NUMBER 9

MARCH, 1978

CALL BREAK DOWN

There were a total of 1,009 calls reported to the Dallas Police Department by members of the Community Radio Watch for the month of January. These incidents are broken down as follows:

Disturbances.	30
Minor Accidents	644
Major Accidents	47
Drunks.	6
Thefts.	1
Burglaries.	7
Burglar Alarms.	5
Prowlers.	2
Assist Officer.	1
Injured Persons	3
Fire Call	1
Parking Violations.	4
Abandoned Property.	5
Open Building	1
Criminal Mischief	8
Suspicious Persons.	16
Attempt Suicide	1
Street Blockages.	177
Complainant for Info.	9
Racing-Speeding Cars.	2
Others.	39

The above 1,009 calls were reported by members of the below listed 27 CRW groups.

CRW 6	CRW 16	CRW 32	CRW 55	CRW 85
CRW 7	CRW 19	CRW 36	CRW 59	CRW 90
CRW 8	CRW 23	CRW 44	CRW 61	CRW 105
CRW 10	CRW 25	CRW 45	CRW 66	
CRW 11	CRW 27	CRW 49	CRW 79	
CRW 12	CRW 30	CRW 50	CRW 80	

GOOD NEWS & BAD NEWS

First, the good news: The thefts of two-way radios dropped during the month of January to a low of 234. This is the lowest monthly total since April of 1975, right after the current trend was noticed and we started keeping records. The bad news is that that is still 7.8 radios a day! It is still not too late to mark yours!

COUNCIL CORNER

Those attending the February CRW Council meeting were treated to a surprise Valentine Cake and coffee along with an outstanding program on Home Fire Prevention presented by Firefighter Ed Rohr of the Dallas Fire Department and a second surprise double feature movie. The second film was "CB Radio - A New Hue and Cry" which featured some of the ways two-way radio users can help in the war against crime. It even mentioned the CRW Program and interviewed Officer Richard Blackwell of the Palo Alto, California P.D. Palo Alto modeled their CRW Program after ours based on correspondence between our two Departments in October, 1973.

Groups represented at the February meeting were: Dallas Power & Light, Dallas Amateur Radio Club, Dallas County REACT, Central Freight Lines, Dallas Emergency Corps, Creative Devices Company, Wilshire Television, Kilos CB Club, Speck's Refrigeration Service, Garland Amateur Radio Club, and Marsh Lane CB Club. A door prize was won by Gerald Whisenhunt of the Kilos CB Club.

Don't forget the March meeting on March 14th at 8:00 PM at the City of Dallas Building at 1500 W. Mockingbird Lane at the rear cafeteria entrance. The program will be a film called "An Act of Love" - the story of Parkland Memorial Hospital and will be presented by Mr. Carl Geiger, Assistant Director of Community Relations for the Dallas County Hospital District. Then, in April, Mr. Bob Melton, the Dallas County Treasurer, will present a program on "Community Involvement."

Also scheduled for later in the year will be tour (with samples) of the local Coors distributor (CRW 45) and a tour of the new Police and Fire Communications Center in the new City Hall. Get in the habit of coming each month now and you won't miss these two when they come up.

The Council meetings are always on the second Tuesday of each month and are held at the above location.

DARC EQUIPMENT INVENTORY
December 6, 1977

1. Motorola Repeater C73MHY-3101AT, S/N RD0776A

Consists of:

TU-139A Metering Panel
Bendix Micro-Match 412R5
TLN4235A Transmitter
TLN3889A Receiver
TLN4238A Power Supply
TLN8777A D. C. Control Module
TLN1305A Distribution Panel
TLN4236A Blower Assembly
HAL Devices ID-1A Repeater Identifier
Antenna, DB-224 6DB Gain
Western Electric 247B T. T. Decoders (2 each)
Motorola Hand Microphone

2. Sinclair Laboratories Duplexer, Model #F150-4E w/Cabinet

3. Motorola Repeater, Tube Type (Transmitter inoperative)

4. Antenna, Lone Star 6DB Gain, 2 Meters.

5. Cushcraft Antenna, 4 Element Beam, 2 Meters.

6. Collins KWM-2, S/N 11538, with A.C. Power Supply, Phone Patch,
Hand Mike, and Manual.

7. Match Box w/SWR, Johnson 250W.

8. Hammarlund HQ-110 Receiver

9. Amplifier, 1KW, Hallicrafter HT-41, S/N 341-001-211939

10. Generator, 6KW w/Trailer, w/three 50' Extension Cords, #12 wire.

11. Telephone Answering Machine, Sanyo

12. Sound Projector, 16MM, Ampro.

13. Antenna, 9 Element Beam, 2 Meter (on Trailer)

14. Recorder, R/R Tape, Webcor, Monophonic.

15. Clock, 11" Wall, G. E. Telechron

16. Pliers, Hand Staple, Neva-Clog J-30

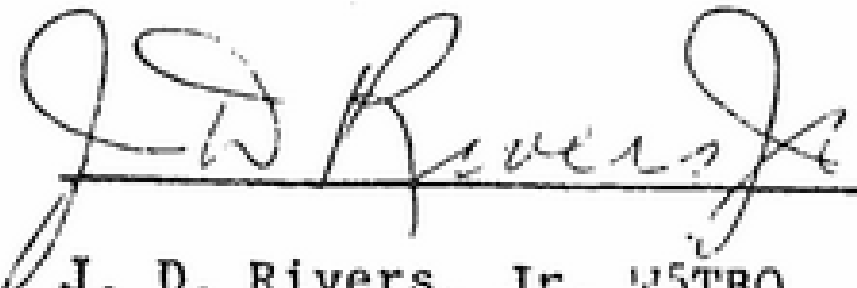
17. Dictachron Time Answering Equipment, Model #DCTA-M1, S/N #57
with Instruction Manual, and Spare Tape.

18. D. L. Post-A-Fix Postage Stamp Applier

DARC EQUIPMENT INVENTORY
December 6, 1977

19. QST Magazines, 1935 thru 1956, with Binders.
20. QST Magazines, 1957 thru 1976
21. HAM RADIO Magazines, April 1968 thru Dec. 1969
22. File Cabinet, two Drawer.
23. Ticket Drawing Cages, 2 each.
24. Antenna, Tape Dipole, HyGain, w/100' RG-58/U
25. Travel Trailer, 22 foot, complete.
26. Floor Fan
27. Teletype, Model 19, w/o table.
28. Grid Dip Oscillator, w/ Coils
29. Teletype , Model 19, Complete with Table.
30. Terminal Unit, Teletype, Solid State (Homebrew)
31. Mo-Dem, Dataphone 804B (2 items)
32. Sinclair Duplexer, 450 MHz, complete.
33. Sinclair Duplexer, 450 MHz, missing some cables.
34. Co-Axial Cable, DB2046, 130'

<u>ITEMS</u>	<u>Location of Items</u>
<u>ITEMS</u>	<u>LOCATION</u>
#1, #2	ONE ENERGY BUILDING
#3, #4, #34	FAIR PARK
#5	N. W. S. , Ft. Worth
#6	Barry Merrill, W5GN
#7, #8, #13, #24, #27	Club Trailer
#9, #10, #11, #14, #32, #33	Jim Sanders, WB5GBR
#12, #15, #16, #17	Rick Albury, W5SOQ
#18, #30, #31	Jerry Dunn, WB5ULN
#19, #20, #21, #22, #23, #25, #26, #29	Bill Cantrell, WA5YPI
#28	J. D. Rivers, W5TBQ


 J. D. Rivers, Jr. W5TBQ
 Property Inventory Officer
 Dallas Amateur Radio Club

THE MAILBOX

19 January, 1978

From: WB5OYL Gordon Turner

To: Newsletter Editor

Illegal Operators Beware ! You Will Be Caught !

For over one year repeater listeners in the greater New Orleans area have experienced deliberate and malicious interference much the same as the Dallas/Ft. Worth area have. Unidentified transmissions in New Orleans consisted of obscenities and the sound of a laughing box. While hiding behind a cloak of "bureaucratic indifference" area hams used DF equipment and documented the case before presenting it to the local office of the FCC. With the assistance of Bob Bradley, K5EDV, of the New Orleans FCC office, the offenders were identified and an airtight case was prepared against them, while area hams believed that nothing was being done to alleviate the matter.

The culprits were driving at a high rate of speed while transmitting in an effort to avoid location by conventional DF techniques, but the FCC nabbed two hams, technically competent, who thought that they were able to use their skills to avoid detection.

On November 2, 1977 in the U.S. District Court in New Orleans, La., K5NY, John R. Souvestre and WB5AWN, Keith M. Schexnayder were released on \$2,000 personal appearance bonds after pleading guilty to three counts. The U.S. Attorney dropped five others.

This same thing is happening in other locations around the country. Take heed... The message is clear. Deliberate interference will not be tolerated and you will be caught. The time is now to clean up your act if you are one of the offenders.

We should all remember these points if we are suddenly faced with an unauthorized operator on the air.....

DO NOT acknowledge that they are operating illegally. Try to keep them on the air so that a SWAT team can monitor their transmissions. If you are not directly involved with the QSO go to an alternate frequency and notify a member of the SWAT team and tape record the QSO, if you have the means, so that it can be reviewed later. People who interfere get their jollies by having an audience. Never recognise them. They cannot get as much if they are not recognized. A statement to them that they are operating illegally does no good. This is what they want to hear. Instead, engage them in a good QSO and let the authorities have a chance to DF them. They will be caught and eliminated. In the process a stolen rig may be discovered.!!.....

Thanks for the letter Gordon, we AGREE.....

BIT'S AND PIECES

* * *

WORLDS LARGEST ANTENNA FARM being built by the Navy is meeting opposition from local residents in Michigan. Seems they want more definitive studys on the effects of the ULF, (57 hz!) emissions thru the 2,284 miles of antenna now being buried. The system is designed to communicate with submerged nuclear subs all over the world. Focal point of the "beam" system is about 300 ft. beneath the sea.!!..

* * *

THE FCC PLANS ACTION on the crop of Amateur gear that comes with II meter receive capability. It'll become illegal to sell this gear to anyone! I guess this will include some fine Collins receivers, but I wonder what they'll do about the Kenwoods, new Tempos etc. ? Yaesu may be the biggest offender but they are not the only ones.....



Check out the expressions here.....



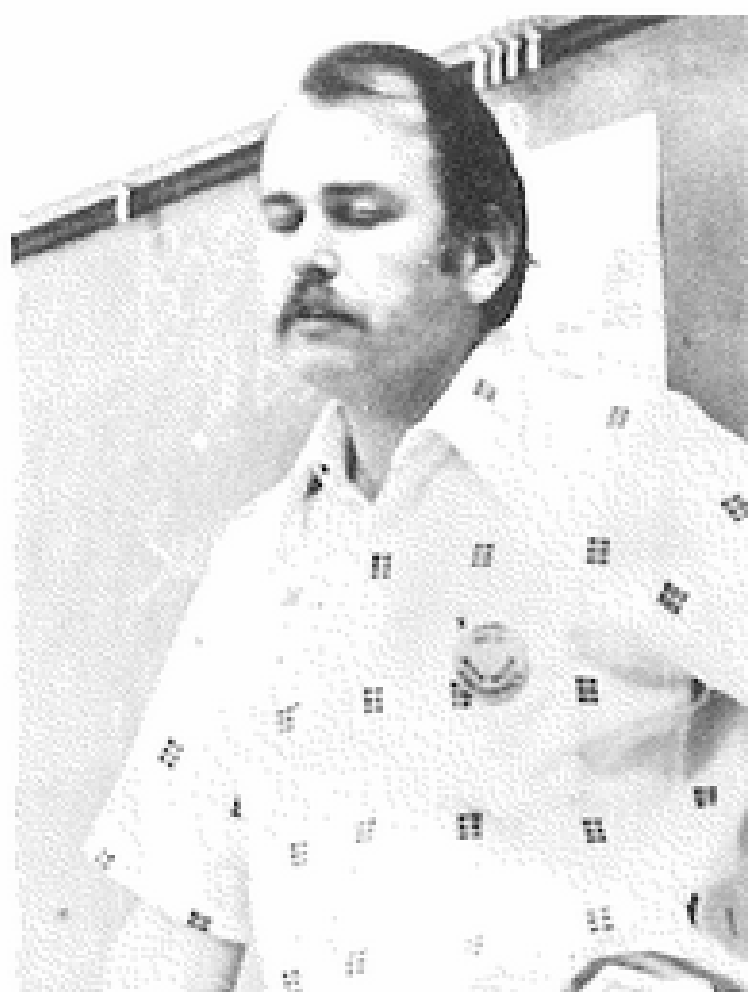
Think I'll add an SCR here an' really mess em up.!..



Sara turned into a heavy drinker.....



I didn't know that.....



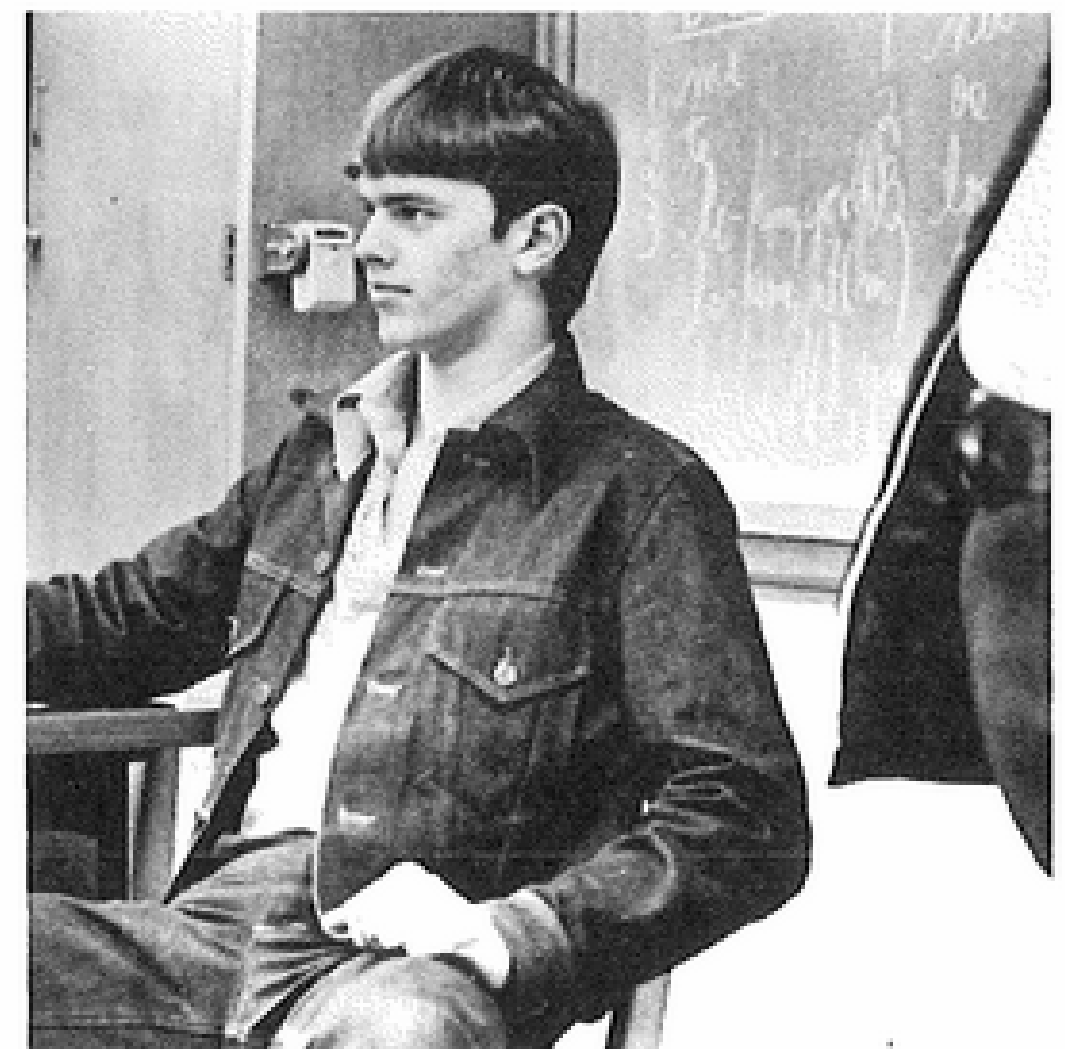
I KNEW he'd ask that.....



Rick thought it was
Saturday nite.!.....



The students are getting younger every year.....



How're ya gonna explain this John ???

* * *

Due to circumstances beyond her control Wilma didn't get the minutes of the last meeting to me in time this month, so we'll publish two next month.....

May be quoted or excerpted without prior permission provided IN THE DARC and author are credited.



The Big Cheeses Harlan Holliner WB5LTE
Bob Coker WA5ZNZ



Bill Morton WB5TOO

Registration. . . .



Introduction. . .



Class Begins. . .



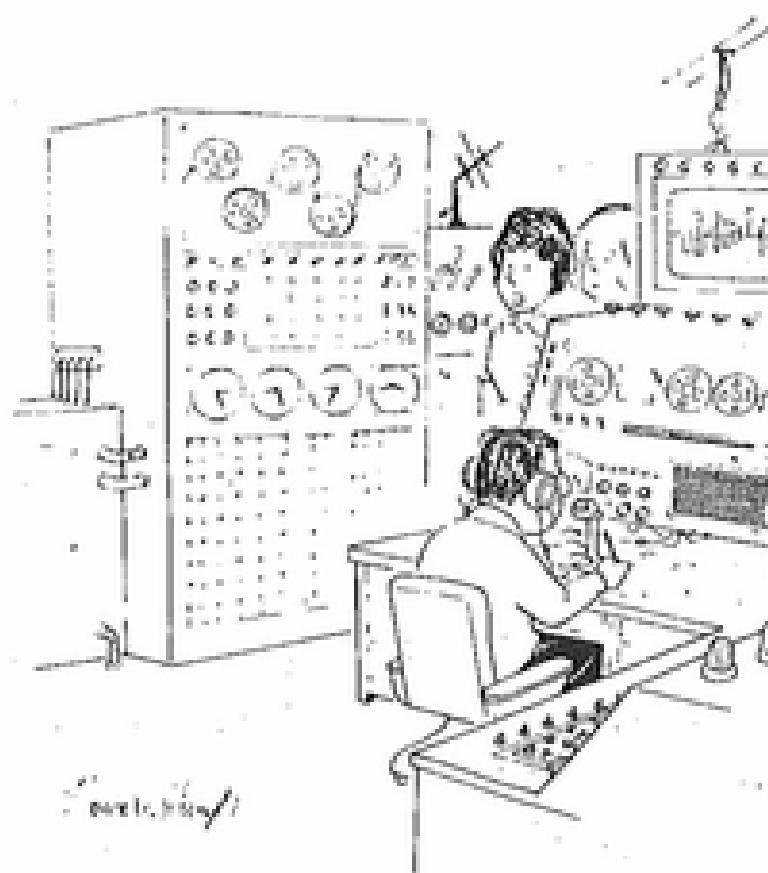
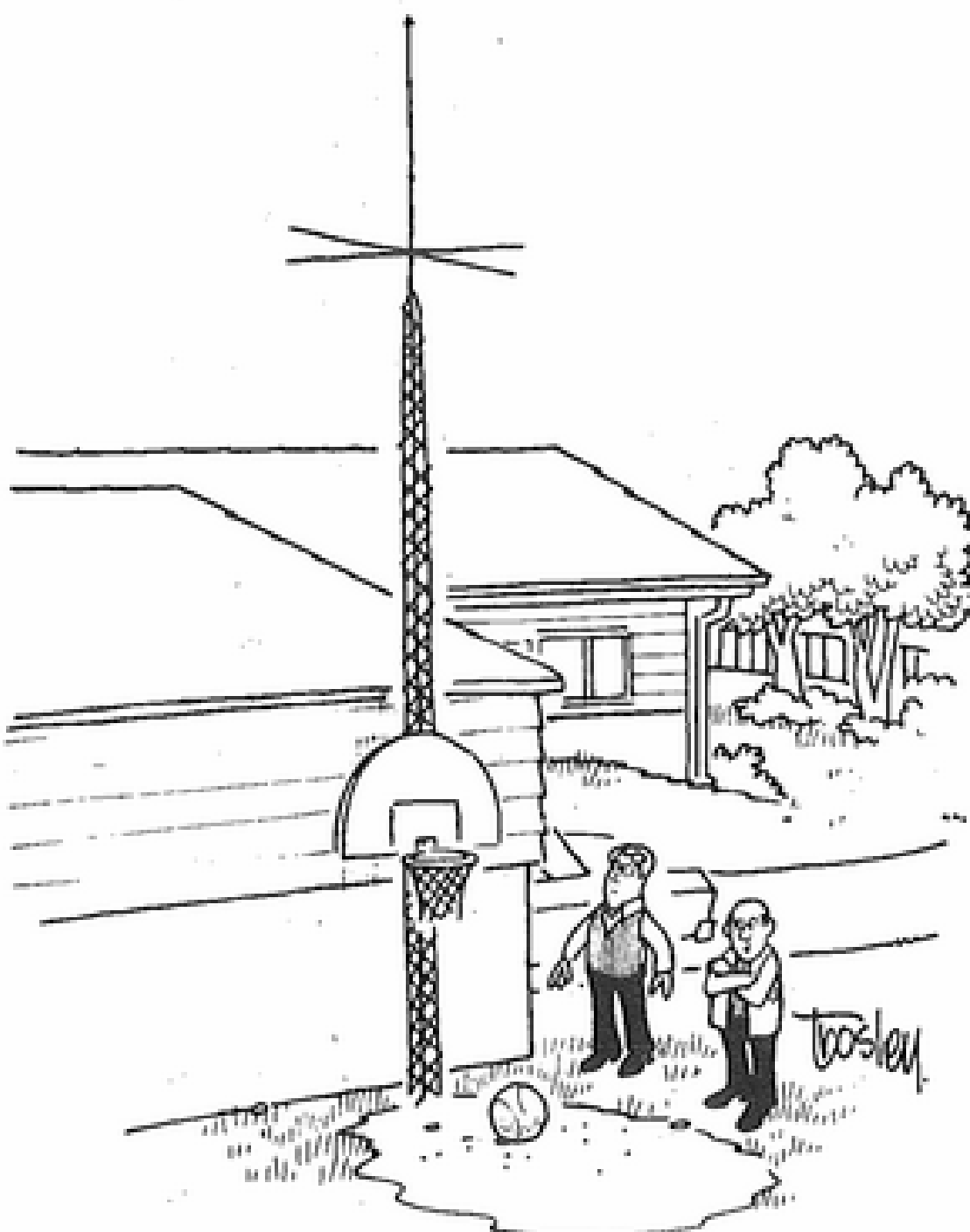
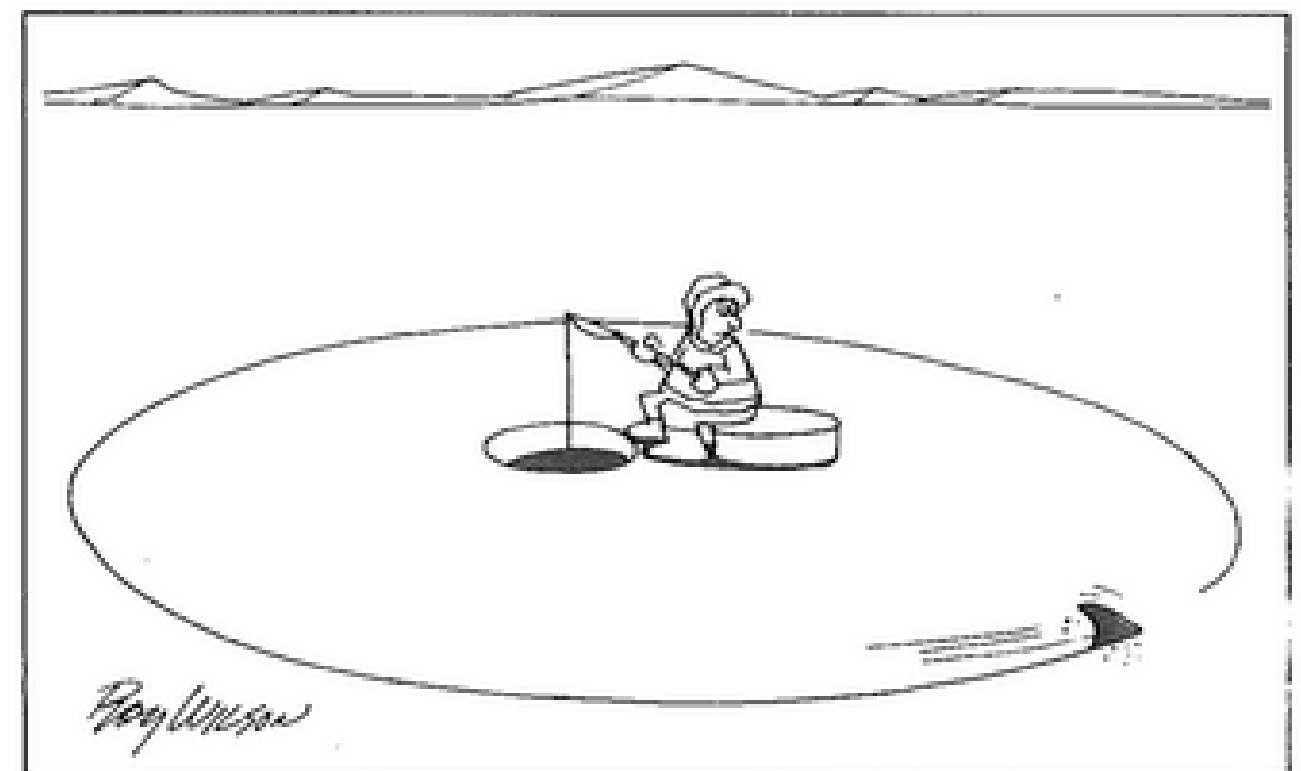
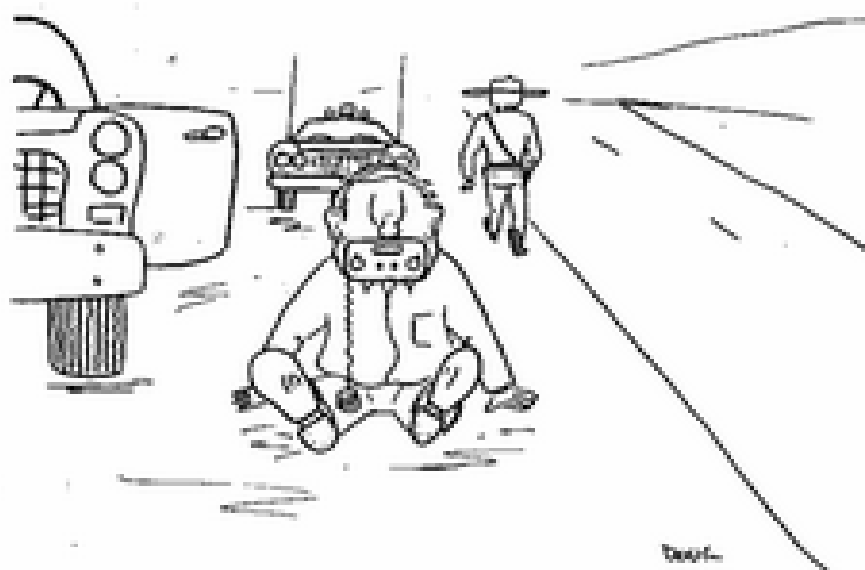
We are sure that several eagle-eyed CRW members will spot a new telephone number for Police, Fire and Ambulance emergency service in the new telephone book white pages that will be delivered during March. The new number will be 744-4444. However, please don't use this new number for Police service until it is publicized by the news media.

To use this number too soon will result in the Fire Department having to transfer your call to the Police Department.

The present time table calls for both Fire and Police Departments to move into the new City Hall on April 1st. But again, the move will be publicized in the news media and after that date, the new phone number will be all you need to reach Ambulance, Fire or Police emergency service.

CRW Coordinator Bob Coker's phone number will also be changed, but it is not known at this time what it will be. You will be advised in next month's edition of "The Mike" or as soon as it is known.

We would imagine that Officer Prestenburg has a much higher regard for the CRW Program after an incident that occurred January 4th. He was directing traffic at an intersection and due to bottleneck, directed a woman to go straight ahead. She just sat and waited, indicating that she wanted to turn right. He motioned again for her to go straight and she still refused to move. He walked over to her car to ask her for her driver's license and when she rolled the window down to say, "You've got to be kidding," he made the mistake of sticking his arm into the window at the same time she decided to drive off. He was dragged some 75 to 100 feet before the speed of the car threw him to the street. A CB'er, who witnessed the incident, called REACT on Channel 9 and got some help on the way. The woman was arrested a couple of blocks away, still tied up in the traffic jam that Prestenburg was trying to keep her out of. Officer Prestenburg was treated and released for minor injuries to his right knee and right shoulder. The malicious motorist was arrested and charged with Aggravated Assault on a Police Officer.



"I'll bet this is why your signal is so SHAKEY ON SATURDAY AFTERNOONS."

"It started out as a simple ham station, but that's how Arnold is ... when he gets involved in something, he goes all out."

"I spent \$1572.30 getting all set up, and now I can't think of a thing to say."

TIGER TALES

If you've heard a QSO on 22-82 in French lately, it was Doris-WB5NNO and Jon-WB5OXZ. Doris set a sked with Jon so some of her French students could converse via Amateur Radio. Sounded as if all enjoyed it....even though I didn't understand..HI!

Rick-W5SOQ, is sporting a beard these days. It looks Groovey!

The old "sign-up" sheet is back at the DARC meetings. A number was picked and some home made brownies were given. This may become a monthly deal.....you better come to the meetings!

W5GN-Barry gave a great talk on contesting. It was very detailed and it was just too bad the snow kept the meeting count down to about 35 sturdy souls.

WB5WFZ-Brenda tried both Feb. 7th. and 8th. to fly to Midland, but the snow cancelled the flights. Oh, Well, Pete-WB5RQR was probably glad he didn't have to eat his own cooking. Brenda was not "running away from home"....her Grandmother is ill!

As promised.....Dee and Bill-WB5MUF new phone number is 288-0460. If anyone else has a new QTH or number let me know so we can all keep our Blue-Books up to date!

Guess what Henry-WB5TYD, Jim-WB5TAP, and Bill-WB5TOO have been up to.....I don't know, they didn't tell me either!

I NEED NEWS.....PLEASE CALL 328-6474.....PRETTY PLEASE!!!!!!!!!!!!

George-WB5NNZ will be going back into the hospital around the end of Feb. for surgery the 1st. part of March. I know the whole club wishes him good luck and a fast recovery.

WA5ZNZ-Bob found out what an Aggie Birthday cake was. He had 1 presented to him at the Feb. meeting. He wouldn't tell us his age!

Pete-WB5RQR and Brenda-WB5WFZ are the new editors of the DARC. They seem to be enjoying it.....every time I call there one or the other, or both are working on it. As far as I am concerned, the Bulletin, of any club, reflects it's members! Our members seem to really miss the DARC if there is none, or it is late. The DARC

Bulletin is FOR the members, and by the members, and without news from the members there cannot be a Bulletin! Lets all try to send, or call, something in at least every couple months!!

WA5NEF-Jim and Floyd-W5IPG were on 40 meter phone lately..... they both will try to do some operating (and work, HI) Field Day. We need Ya'll, the phone numbers to call are in last Bulletin....We are out to win this year!

A couple of months ago W5HJN, Abilene, ran a phone patch for Sara-WB5UJU, to her Mother. Mom was very surprised to find out HJN was her best friends car mechanic.....small world, isn't it?

SUPPORT YOUR CLUB.....COME TO MEETING!

WEAR YOUR BADGE, you worked hard
for that call!!!!

Love & Kisses,
WB5MRB!

M O R E O N T H E Y L M E E T I N G

* * *

Here's a late report on the YL meeting as filed by Tiger, WB5MRB.....

Last month nine of the YL's that "manned", (c-we ain't libbers, HI!) the "all YL station" at Field Day 77, got together to discuss Field Day 78. The girls hope to make this an almost monthly get-together. Sometimes radio topics come up, but mostly we intend this to be an evening of "girl talk" and dinner. The next one will be Feb. 28 at 6:30 pm at the Bonanza Steak house located at Northwest Highway and Marsh Lane. They ask that we all gather in the private meeting room before going thru the food line. The dinner is "dutch treat", and all DARC YL's are cordially invited to attend,sorry guys this is YL's ONLY ..!!.....

Hope to see you all there, Tiger

P.S.....for more info call Tiger at 328-6474

Q R P O P E R A T I O N

* * * * *

How many of you have lost interest in ham radio? How many of you are new hams who think you must have 1,000 watts and a multi-thousand dollar station in order to enjoy your new hobby? How many of you are tired of not having a challenge in working anyone you can hear? I did not fall into any of these categories, but I had the mistaken idea that one must have the best equipment to enjoy my hobby.

One day while frantically trying to answer a CQ from a Russian station, I forgot to advance the carrier control on my Ft IOI E. After what I considered to be a wasted call, I was just moving the control up to give me 100 watts when I was totally amazed to hear the Russian answer with my call ! I received a 579 report, to my utter amazement. I later checked my power output and discovered that I was delivering a whopping 2 watts to the antenna! What followed was a revelation that every QRPer goes through. If I could work that station with 2 watts, how many more could be worked? In a mere 3 months I have worked 49 states, (Alaska being the last one needed) 27 countries, and only lack Australia for Worked All Continents. I have discovered the thrill of working a rare DX station amongst immense pile-ups. I have found that most serious QRP operators are among the best operators in the world. I would rather try to work WWV with a police whistle than to compete against most of them.

Don't be discouraged by the last few statements though. QRP operators are not born, they learn because sometimes it's the only way you may be heard! It's much easier than you think to be a really good operator.

Let's look at rigs and see what's really needed. If you like to build, QRP is just the thing for you. There are lots of good rigs that can be built for very little money. If at all possible build your rig with a VFO, instead of a crystal controlled rig. As an alternative, use a variable crystal oscillator to give you a few khz to move around in. If you go CW only your choice of circuits is almost unlimited. A class C amplifier will work just fine, but it's a good idea to keep the signal as clean as possible ie, no chirps, clicks etc. There have been several good ideas in magazines over the last few years.

If building is not your bag, there are several very good rigs on the market. The best known of these is the Ten-Tec Argonaut model 509. This excellent little transceiver offers features found in much more expensive equipment. It also has SSB, which is something that is difficult to build for a reasonable amount of money. Moving on, there is the Heathkit HW-8. While technically a kit, anyone can assemble one and the finished product is probably better than most of us can brew up. The modifications for the HW-8 are endless, your imagination can be your guide.

Next month we'll discuss antennas and maybe a few operating tips.

73 and good QRP DXing

Pete WB5RQR

* * *

T H E D A R C M A R K E T

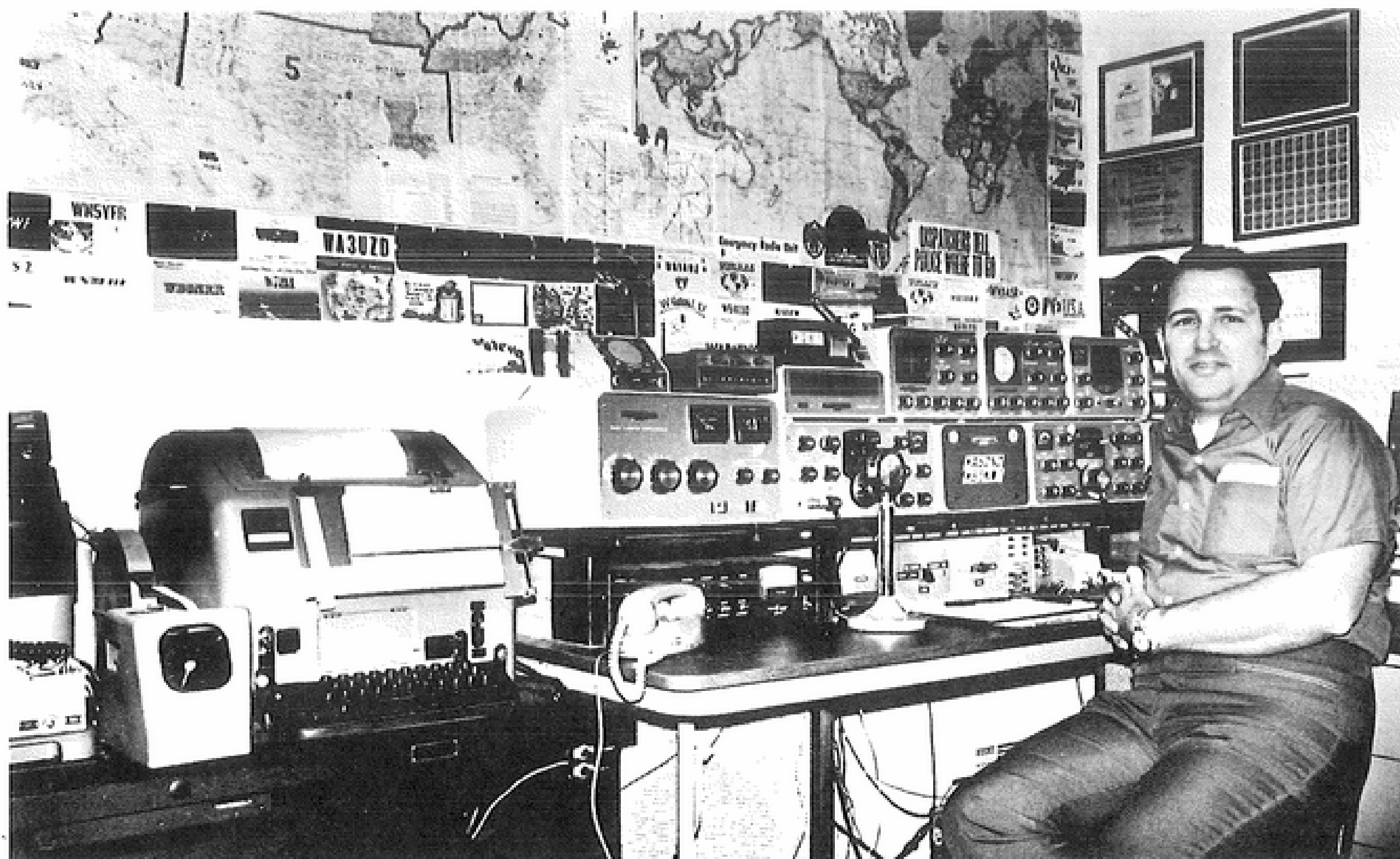
Need instruction booklet for 14 AVQ/WB HyGain Vertical Antenna, 40-10 meters, contact M.C. Herd Jr, WD5HXW phone 381-1505 Dallas

MOTRAC/MOTRAN OUTBOARD RECEIVER wanted. Must be in good condition. Call Frank, 351-3151 after 6:30 pm.

MODEL 28 ASR for sale. Good condition, but may need some adjustment. \$300.00 Call Frank, after 6:30 pm, at 351-3151

HAVE LEFTOVERS from the sidewalk sale? Advertise them in the DARC MARKET.....FREE... make the XYL happy and unload that stuff.....

A LITTLE ABOUT BOB.....



Mr. Bob Coker, WA5ZNZ has assumed his new office for the year as President of The Dallas Amateur Radio Club. Bob graduated from Texas A&M University with a BBA degree in accounting. While serving with the Army in Korea, Bob visited HL9USA and it was love at first sight. After returning to this country Bob obtained his first license in July of 1969 as WN5ZNZ. Bob upgraded to Technician class in January 1971 and remained there until February of 1977 when he upgraded again to General class. Bob upgraded again in April 1977 and currently holds an Advanced class ticket. Bob served the DARC as Treasurer in 1977 and as a member of the Board of Directors from 1975 until 1977, when he was elected President.

Bob is employed as a Police Officer with the City of Dallas where he has served with distinction. He was instrumental in the formation of the Community Radio Watch program and is currently Coordinator for that program.

Bob is a Life Member of the ARRL and holds station appointments of OO, OPS, and OVS. He is also a member of both Dallas and Tarrant county RACES, and is a past President of the City Employees of Dallas Amateur Radio Society.

Bob's wife, Mary is also interested in Amateur Radio and currently holds a Technician class license as WB5KWD. They have two daughters who, unfortunately, have not become interested in their parent's hobby.

Bob is active on 80 thru 2 meters and is currently involved in VHF-RTTY operation. He's been working on 6 meter WAS, but is also enjoying chasing DX on 20 Meters.

We are fortunate to have a president with the ambition and talent of a man like Bob, and I'm sure we'll all benefit from his having served us. If you haven't had the opportunity to meet Bob yet, he is almost always at the sidewalk sale at ECI on the first Saturday of every month. Look for him and stop and say hello.

FOR A SUPER PRINTING JOB

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Dallas, Texas 75207

(Without his help we never would have made it !)

REPEATER INFORMATION AND OPERATING PROCEDURE

The WR5ABY two-meter repeater uses a receive frequency of 146.28 mc, and a transmit frequency of 146.88 mc. The Trustee is Jim Sanders, WB5GBR. The repeater is an "open" repeater, carrier-squelch access, and is located at One Energy Square, adjacent to North Central Expressway, in near-North Dallas. The repeater features an "open" outward telephone interconnect facility, which is available to all users. However, before attempting to use the repeater or its telephone interconnect facility, PLEASE READ THIS ENTIRE SECTION CAREFULLY.

PRIORITY OF COMMUNICATIONS

- One Emergency Traffic (As defined by FCC R&R's). RACES Nets. Urgent Traffic.
- Two Technical QSO's concerning general Amateur Radio operation.
- Three General (Shooting-the-bull) QSO's.
- Four Telephone Interconnect - To be accessed only after all other traffic has been concluded.

OPERATING PROCEDURE

- TO ACCESS THE DALLAS POLICE DEPARTMENT - Call the repeater as you would any other Amateur Station, then without unkeying your transmitter, press the numeral 3 on a telephone-type tone-encoding pad five times. Unkey your transmitter. Note that your call to the repeater must last at least three seconds before you start sending tones. You will hear a dial-tone briefly, and the repeater equipment will begin automatically dialing the police department. When the police operator comes on the line, say "This is CRW 6..." then make your report. If the operator asks for a call-back number, tell her that CRW 6 does not have a call-back number. The repeater has a time-out timer which will turn off the repeater and disconnect the line. This timer is set for approximately two minutes, 45 seconds. If your call will take longer, press the numeral 1 on your tone-pad before this time elapses. This will reset the time-out timer. This procedure may be repeated as many times as necessary to finish your call. (Note: This feature applies to the police access line ONLY.) Before calling the police, have all the information (location, address, direction, nature of report, description, etc.) clearly in mind. Speak to the operator slowly and distinctly. When your conversation is terminated, give your call and clear with the repeater, making this transmission last at least three seconds; then without unkeying your transmitter, press the numeral 3 one time. The repeater will then disconnect and return to the normal mode.
- TO ACCESS THE TONE-TEST FEATURE - Call the repeater as you would any other Amateur Station, making this transmission last at least three seconds. Without unkeying your transmitter, press the numeral 3 on your tone-pad three times. The repeater will begin transmitting a steady tone, indicating that your tone-pad probably works. To disconnect the tone, clear with the repeater, transmitting for at least three seconds, and then press the numeral 3 one time.
- TO ACCESS THE TELEPHONE-INTERCONNECT FEATURE - Call the repeater as you would any other Amateur Station, making this transmission last at least three seconds; then without unkeying your transmitter, press the * on your tone-pad one time. Unkey your transmitter, and

listen for a dial-tone, then key your number. Limit the length of your call to less than two minutes, forty-five seconds. Clear with the repeater, making the transmission last at least three seconds, then press the # on your tone-pad one time. The repeater will then disconnect and ID. Use caution, common-sense, and consideration to the other repeater users when making a telephone call --- don't make absurd calls. **DO NOT BREAK ANY QSO TO MAKE A TELEPHONE CALL UNLESS IT IS OF AN EMERGENCY NATURE.** This is considered quite rude on this repeater. Make no commercial calls.

- Monitor the repeater before you use it. Don't enter a QSO unless you can add something to the subject at hand.
- Always enter a QSO giving your call first --- don't say "Break".
- "Break, Break" or "Break, Break, Break" may only be used when you have emergency traffic or need to access the police department for some significant reason.
- When desiring to make a contact, all that is necessary is to indicate that you are on frequency. Give your call, then say "monitoring".
- If you wish to call some specific station, give that station's call sign, then your call sign. This may be repeated once or twice. If the other station does not respond, you may be reasonably assured that he is not monitoring the frequency, and further calling on your part will only serve to litter the airways.
- Have consideration for the other 300-plus users --- limit the length of your QSO to the shortest possible amount of time, particularly during the daylight hours up to about 10 pm. Save the longer QSO's for the late-night hours. Best yet, move the other station off to a simplex frequency or another repeater. We want your participation, but please understand that there are many other users.....
- Remember that this repeater is equipped with a time-out timer set at approximately two minutes, forty-five seconds.
- Use good operating practice. Remember that there are many listeners outside of the Amateur Community that judge us by the way we conduct ourselves on the air.
- Don't tailgate. Allow a couple of seconds between responses to allow someone else to enter the QSO or move another station off frequency.
- Use minimum power necessary to maintain good communications.
- If you're "not making it" into the repeater, don't press the issue. Wait on your call until you are within useable range.
- If you must test your tone-pad on the repeater frequency (or any other testing, for that matter) wait until periods of relative inactivity. Avoid testing during the peak daytime periods. Best yet, do as broadcast stations do, and test after Midnight.
- Remember that the same rules of courtesy and etiquette apply on the radio as they do face-to-face.

CALLING THE REPEATER - Is done in the same way as you would call another Amateur Station --- your transmission is begun with your call, and the repeater's call. When you are ready to terminate your traffic to the repeater, give your call, and the repeater's call.

COMMERCIAL TRAFFIC is forbidden by the FCC R & Rs, and the Rules are strictly observed by the Trustee with regards to such traffic. Commercial Traffic is regarded as that traffic which results in monetary benefit to one of the parties involved, or traffic which is directly relevant to one's business. In other words, one may not call to order a pizza, call a service station to provide road service, call one's secretary to check on any calls relative to one's business, and one may not attempt to sell things over the air. One may, however, call someone else and have them place the call for road service, etc.; one may call one's secretary and ask her to lunch, or enquire about personal calls. Use discretion; if in doubt, don't do it. All calls are subject to spot interpretation and control by the Trustee.

THE DALLAS AMATEUR RADIO CLUB, INC.

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