

Ham Rag

Rockford Amateur Radio Association

September, 1982



WE'RE CIRCULATIN' A PEETISHUN TO
STOP TH' RUSSIAN WOODPECKER! WE'RE
GOIN' TO SEND IT TO BARRY GOLDWATER.

PRESIDENT'S LOG

Greetings all you suntanned, vacation tired hams. I'm finding it hard to get back to writing this commentary again. Old man summer just went by too fast his year.. I have noticed though that as I get younger, the faster they go. I hope that everyone enjoyed themselves in whatever or wherever they did or went.

I also heard that some of you took your spare Peso's and blew it on new equipment. *MUST BE NICE*. The hamfest groups around sure like that. Several antennas were reported going up and one came down while trying to go up. What can you say but better luck next time. HI!

Since we last got together, two club events took place: Field Day and the picnic. We all should give Russ/WD9FV1 and Don/N9AWZ a "very well done" for Field Day. I believe we had the highest score ever for the club. Using the team concept seems the way to go in the future. With a little more effort to work out some of the bugs, there is no reason we couldn't be on top.

By the way, for those of you who don't know, Don and his family will be leaving Rockford for the Windy City. Don will be entering denistry school at the University of Illinois. He ought to be a good one, he's been pulling our leg for a long time anyway! Someone said he has been collecting drills, chisels, and hammers for several months now. So when you talk with him - *BEWARE!!*

The other club event this summer was the picnic. A large herd of hungry hams and YL's and friends enjoyed juicy roast Piggy plus a variety of dishes consisting of beans, potatoes, salad, mosquitoes and bees. I don't think anyone left hungry. As usual, Jo Ann and Dale Landis did an excellent job on the porker. (*Dale seems to have a touch with them.*) Those who did not make the picnic missed a good feed. Somebody said there was a deer and an alligator running loose at the picnic. Hard to believe, although nothing surprises me anymore.

We (*Board of Directors*) have submitted a tentative schedule of operating hours for the ham station at Rock Valley College. Hopefully, by meeting time, I will have had some response from the college. I was informed by the college that the station is not nor will it be packed away, sold or given away. They would like to see it used on a regular basis. Hopefully we can come to an agreement that will help both groups. I believe, from past talks with them, we will have to provide a monitor during the hours we want the station open. I would like everyone to think about this and if you can or would like to help please let me know.

The October meeting is our annual election meeting. We will also have a program on computers and amateur radio. This program will be put on by local hams who have some practical experience along these lines.

December as of now is an open month. The board has decided **NOT** to have a Christmas party. We decided that everyone is too busy with family and other obligations. Also, we can probably obtain a better variety of locations, food and price for our dinner. We would like to call it the annual awards banquet instead, and have it in January.

FLASH——— KA9BOD/Gene is actually going to install a tower and beam before the snow flies. Anyone see a str in the East??? HI!

What have I forgot?? What about WB9OGD?? Hopefully Frank has or is recovering from his knee operation. You talk about bad luck, first his shoulder, now his knee. Either he just can't walk right or maybe he is so obstinate that his YL had to show him who is boss. HI! Get well soon —— RARA.

KB9UR/Bill will soon be off on another fishing(ha) trip. Have any of you ever seen any of his fish? Actually Donna catches the fish and Bill has his picture taken with them.

KB9IW/Steve has a new tower and antenna in the air. His signal went from S-1 to S-1½ at my QTH. Those 'S' units cost big bucks.

KC9BN/Dale has another rig and amp. He thinks two rigs on 20 meters at the same time will make him a big gun. Sorry Dale — *WRONG!!* What you need is 20K fed by those 2K. It's a jungle down there.

AK9N/Gene has now acquired a 2 wheel trailer on which he and I are going to mount a crank-up tower??? Ever see his garage and back yard??? Sue, his YL, is thinking about opening a used but nick junk shop. His ham shack is worse. Someday he may be as famous as W. Green.

Last but not least, N9CCE/Moe now has a video recorder and camera. Somebody please tell him he needs more than that to work 6 meters long path. HI!

See you September 10th - Rock Valley College -Building #1 - Room 222.

-73, KB9KH

El Presidente

(*alias-the LAME DUCK*)

Editor's QRM

Summer began with the crack of a bat and cries of "I got it! I got it!" A closer observation would have revealed a tall, rather off looking fellow lumbering across the outfield. After arriving at the point of impact, (*I did get there first occasionally*) the ball would hit the worst possible place - my hands. On the other hand my proficiency at the plate was simply astonishing. At least once per game, twice if the bases were loaded or the score was close, I would rip a vicious screamer. I would hit it farther than anyone else on either team. Straight up and caught by the pitcher or shortstop. So how was your summer?

The return of the HAM RAG brings the following good news. Potpourri will return next month with the latest in gossip. So, beware of and be careful if you happen to be talking near Chuck/N9CCH. Welcome to the staff Chuck and good luck. Our return brings bad news as well. Henry Choqe, who has been on the staff for several years, is gone. We will miss you whoever you are.

In our June issue we ran a photo of area Hams of 1940 asking who they were, Here is a list of teh answers so far.: 1) John Alexander, 2) Carl White, 3) Wes, 4) Ernie Storer/W9MAP, 5) Maurice Nelson/W9FL-(W9BRY), 6) Zymont Podgorny/W9MOS, 7) Claude Middleton/W9VZ-(W9RBT), 8) Art Anderson/W9WSG, 9) Paul Johnson/W9BNO, 10) Lennie Anderson, 11) Bob Brand, 12) LeRoy, 13) Carol Carlson/W9TET, 14) H. Doau/W9ORP, 15) Fred Newburg/W9PGQ, 16) Joe, 17) Jack, 18) Jack Hubbel, 19) Bob Coats, 20) Zigi, 21) Everett Hallquist/W9AGV, 22) Milt Carlson/W9FFQ, 23) ??, 24) Reggy Wells / W 9 G K I ,

Thanks to Dick/N9UN for his help in getting so many answers.

Novice and General classes are now forming. If you or someone you know is interested please note Tuesday, September 14, 7pm, at the Harlem Community Center, 900 Roosevelt Road. For more information please contact KI9G/Carol at 633-3249, AK9N/Gene at 654-0675 or KB9KH/Frank at 397-6966.

On Saturday, September 11, the 30th annual W9DXCC meeting and banquet will take place at the Holiday Inn, 1250 Roosevelt Road, in Glen Ellyn, Illinois. The action begins at 10:30 am and lasts till the late evening eyeballs are over. For more details call Gene/K9IKP or Larry/K9LUX.

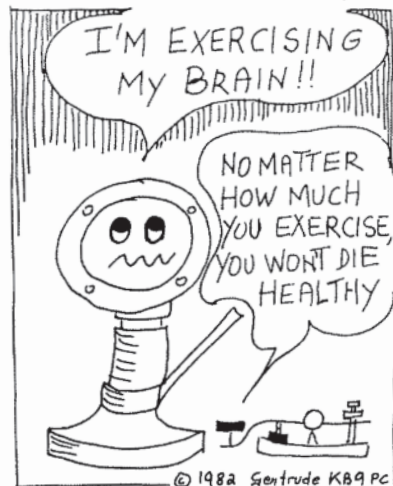
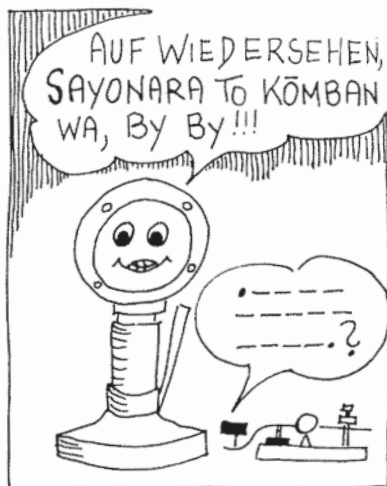
When reviewing the many pictures taken this summer by Carol/KI9G, we got to swapping one line captions for them. The little gem on the back cover brought us roar upon belly laugh. So get together with a couple of friends and try it. For our out of town readers they are Frank/KB9KH El Presidete on the left and Dale/KC9BN the club Treasurer on the right. They are our leaders!?

Word around town is that a certain nameless person who usually is the Net Control Station for a Wednesday 10 meter group now has training wheels on his motorcycle, It seems this daredevil broke a bone or two. So take his advice and be careful. Get well soon.

If you are looking for radio parts on 9th Street you missed it. J&M has moved to 1325 7th Street according to our inside man, Gene/K9IKP. He also reports that he will report the latest in DXing on page 5 of next months HAM RAG. Sorry, but the move of the store kept him away this month.

Well that's some of what's been going on this summer. I hope you have has as much fun as I have. Catch you down the electric bill.

-73, KI9F



CQ Contest

Welcome back from the summer full of activities, Field Day, the marathon, piggy roast (burp!), and the various antenna parties. Now we can come in from the garden, send the harmonics off to school, and wait for the fallen leaves to begin piling up in the yard..

Not much to report in the way of any loads and contest results. Paul/W90PD, did a super job last December in the ARRL 10 meter contest. He finished with 710 QSO's. 123 multipliers (states and countries), and over 167K points in the mixed mode category (both SSB and CW). That effort was good enough for a first place finish in Illinois. Nice going Paul. He is not content to rest on his laurels though; the last I heard the new tower was approaching ninety feet and is probably completed by now.

We had a Silent Key here since the last column. The RARA DX contest sort of rolled over and died. Only one entry came in, so as promised last time there will be no more. I would like to thank Gertrude/Kb9PC, for putting her time and effort into a lost cause.

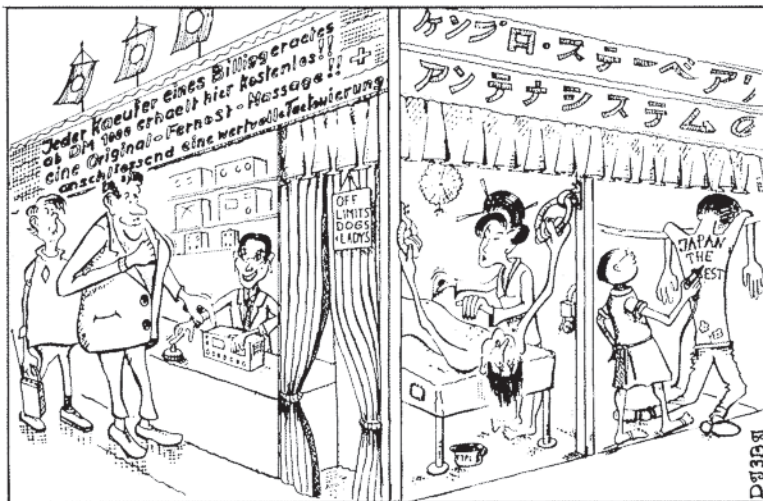
Elsewhere in this issue are the results of our Field Day endeavors, so I will not repeat them here. What I would like to mention is how well the "team concept" worked for us this year. Like anything else done for the first time (*in my memory*) there were some bugs that popped up, but we should be able to learn from them and improve next year. It was very pleasing to see everyone out there at the ski jump, especially for Saturday morning set up. Now if we move the 20 meter tower a little toward the east and get those guys in the tent to keep the noise down.....

By looking at the contest listings in the magazines, we can see that the start of the contest season is upon us. What took a page over the summer now occupies almost twice that much space. Let's dig a bit deeper and see what is coming up. It appears that the weekend of September 18 & 19 has enough contests alone to do most of us in for a whole year. The SSB version of Can-Am is one, the object here being to work US and VE hams. The CW portion is on September 25 and 26. The August issue of QST has the details. Also on the 18 and 19 is the Scandinavian Activity Contest CW type. Exchange signal report and consecutive serial number with LA, SM, OH, OZ, OX, OY, JW, and JX. There are a couple of countries there that I wouldn't mind working. More details are in September QST, page 85.

In that same issue are listed an even dozen states that will be active in various QSO parties during September and October. If you are still looking for a few for your WAS, there is an opportunity.

The annual Sweepstakes madness is just around the corner in November. Usually RARA has a good turnout for this one, but it was somewhat disappointing last year with only five entries for the club competition. Surely we can do better than that this time around. Find another member you know you can beat and challenge him -- winner take all - or at least a six pack and sirloin. There is a fellow down the road here that says the band isn't big enough for the both of us.

So much for this month. Hope to see you all at the September meeting.



73, Gene

cq-DL 6/82

"Free massage and valuable tattoo with purchase of any radio over \$500.00"

FIELD DAY

Well Field Day is over at last. Don and I are looking over this years results and we are very **PROUD** of all the club members who participated this year in Field Day. The Club made more contct points this year that last year.

In '81 our total QSO points = 2145
 claimed score (less bonus points) = 4290

In '82 our total QSO points = 3020
 claimed score (less bomus points) = 6040

We will have to wait until this fall so see how we did with respect to the rest of the nation.

Don and I would like to thank all the team captains for their cooperaion this year. These people as well as their team members conducted themselves in a very professional manner. I noticed a spirit of amateur radio not shown at too many functions this year. If one band died out, the members of that team instead of sitting back and relaxing would go to another team and help them out in any way they could. I also saw teams help one another set up and tear down their equipment. Thanks to all of you for showing the true spirit of amateur radio.

Special thanks to Dale/KC9IC - Harner's wife for the excellent job done on fixing the barbeque and hot dogs. They were great at 2:00 am. —

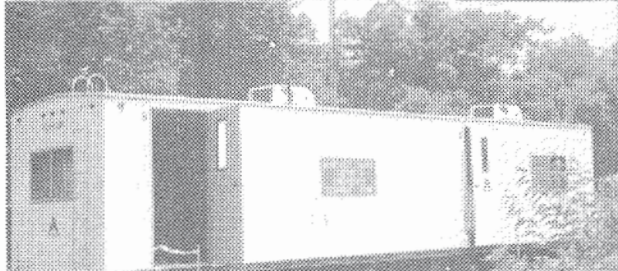
THANK YOU!!! Special thanks goes to the Winnebago County Sheriff's Emergency Response Team and the Sheriff's Department for the use of the trailer and generator.

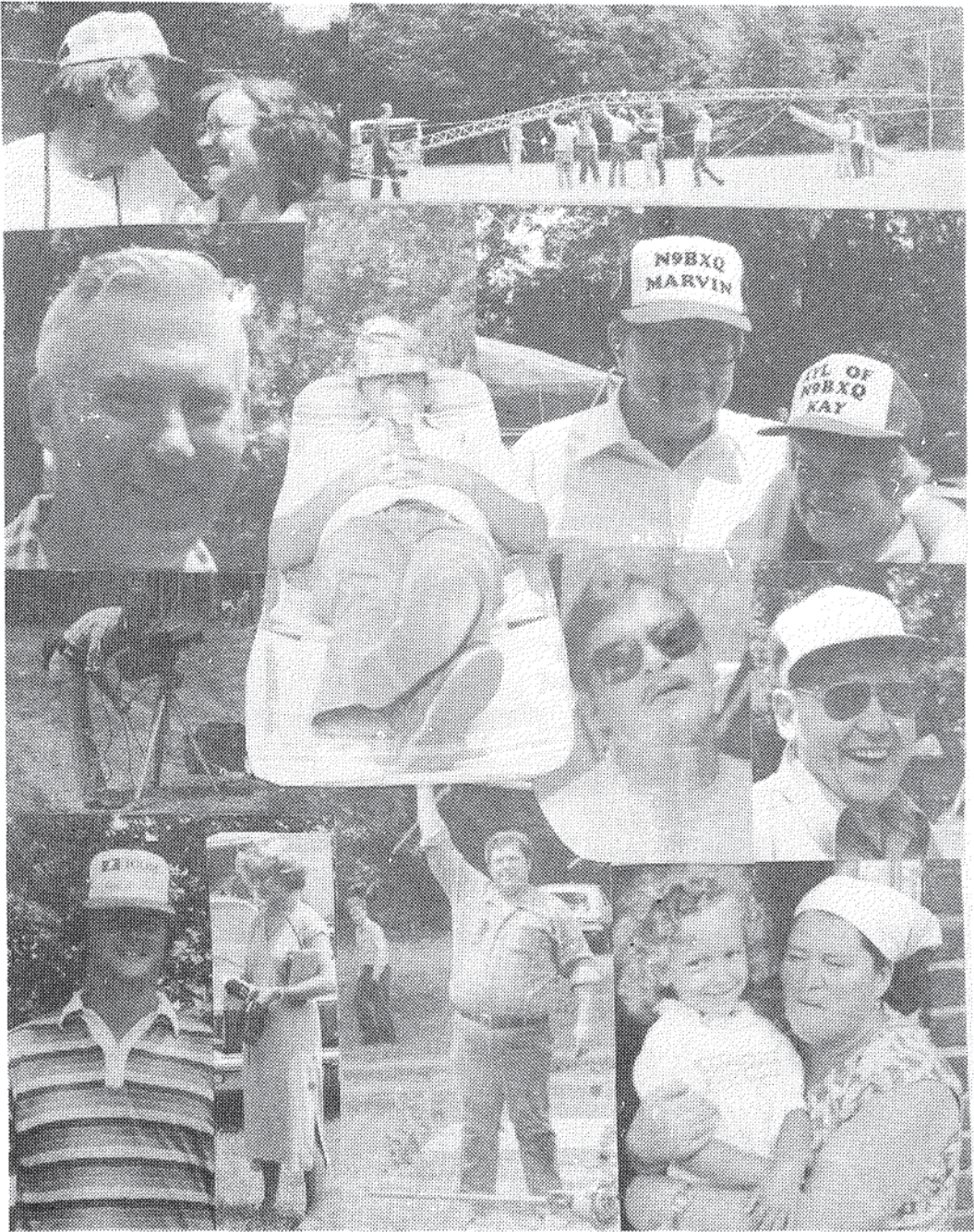
	1981		1982	
	CW	PHONE	CW	PHONE
160	--	--	--	30
80	91	107	96	217
40	540	66	448	466
20	--	428	149	372
15	27	74	--	267
10	--	98	--	238
6	--	--	--	44
2	--	26	--	--
	658	829	693	1634
	<u>x 2</u>	<u>x 1</u>	<u>x 2</u>	<u>x 1</u>
	1316	829	1386	1634
	<u>+ 829</u>		<u>+ 1634</u>	
	2145		3020	
	<u>x 2</u>		<u>x 2</u>	
	4290		6040	

Don/N9AWZ — Russ/WD9FVI

ROCKFORD AMATEUR RADIO ASSOCIATION, INC.
 P.O. BOX 1744, ROCKFORD, ILLINOIS 61110

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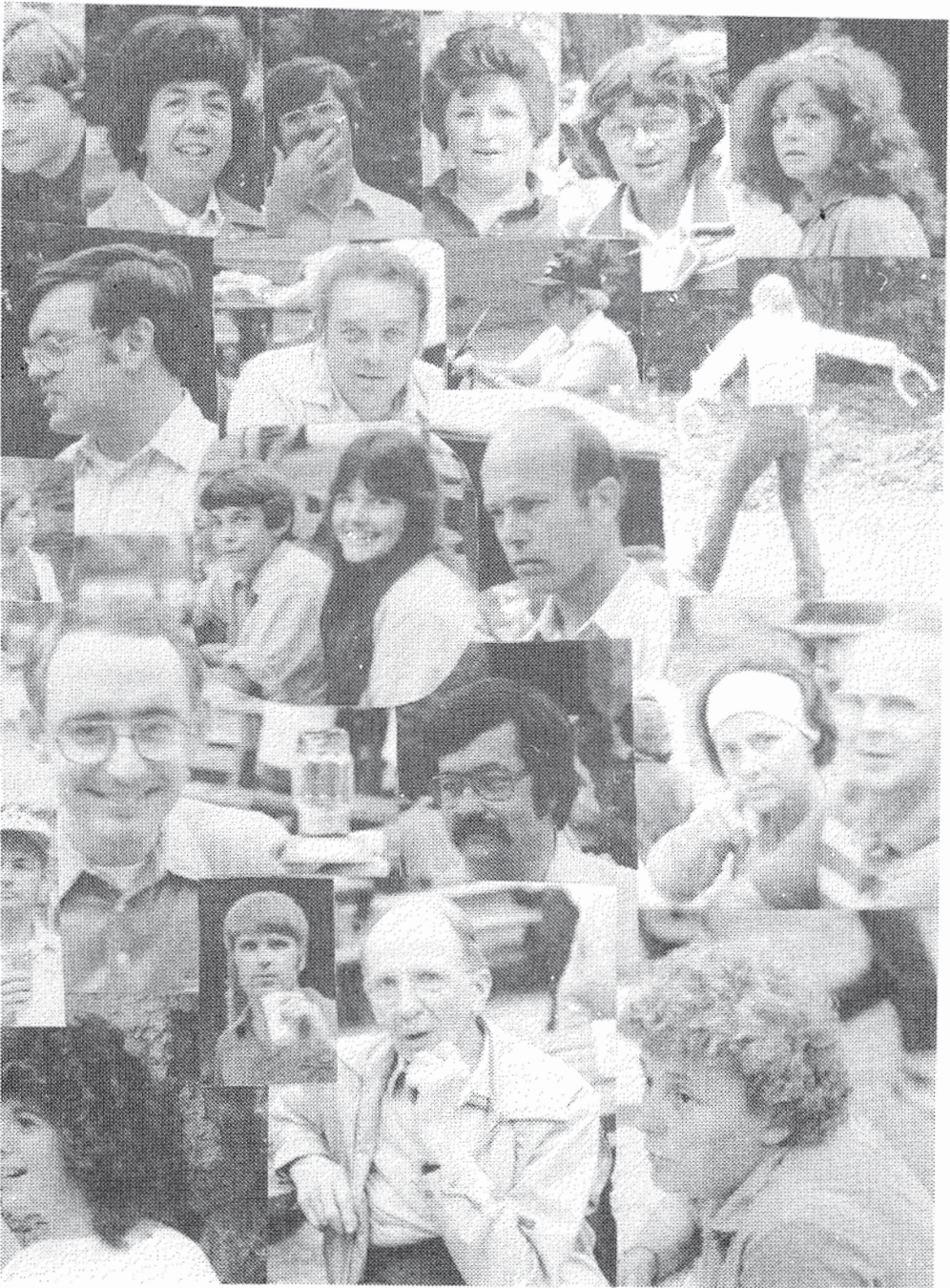




FIELD DAY PHOTOS CAROL KI9G GENE AK9N LAYOUT KI9G, -73

RARA PICNIC 1982





OHM'S LAW UNCONSTITUTIONAL

From the *GEARVAKF Bulletin*, May, 1979

In a surprise decision announced last Monday, the U.S. Supreme Court has ruled unanimously that Ohm's Law is unconstitutional. The ruling ends a seven year legal battle between the League of Radio Relaying Americans and the Anarchist's Radio Alliance over exclusive use of radio related mathematical formulae. The Court upheld the ARA's basic contention that Ohm's Law discriminates unfairly against those who do not understand radio theory and prevents their equal

access to the air waves.

The formulae associated with Ohm's Law may continue to be used as long as they are not regarded as immutable physical rules. In the future, all mathematical relationships between voltage, current, and resistance must be referred to as manifestations of "Ohm's Opinion."

Reprinted from the July issue of *Smoke Signals*, Yellow Thunder Amateur Radio Club, Baraboo, Wisconsin.

TIME OUT

Here is a little quiz devised by Barb Bennett, KA9BGH. You don't have to know much to get through this one. If you are a little rusty on theory, this is just what you have been looking for!

1. What is a volt?
2. What is resistance?
3. Two signals having frequencies of 144.098 and 144.174 Mhz are applied to the input of a receiver that tunes the 2-meter Amateur band. If the input stage exhibits high third-order intermodulation, the receiver will produce outputs when tuned to which frequencies.?
4. What is a rectifier?
5. The best aid for orienting a beam is _____?
6. What is antenna coupling?
7. What is image impedance?
8. What is amplitude modulation?
9. What is front to back ratio?
10. What is parasitic excitation?
11. Describe the maximum usable frequency?
12. What is stored energy?
13. What is direct propagation?
14. Define distortion?
15. Give an example of antenna efficiency.

ANSWERS

1. A quick flash of lightning.
2. A spouse who has a headache!
3. YES!
4. It varies from flowers to candy to a dinner at an expensive restaurant.
5. Getting it off the ground and into the air.
6. A method for creating little twometer antennas and rubber duckies.
7. Wearing blue-jeans to the boss's black-tie dinner party.
8. A form of silence treatment.
9. A perfect one is 36-24-36.
10. Informing the brother-in-law that he has 24 hours to move out.
11. The deadly tone of voice that gets the kids to turn off the TV and do the dishes.
12. A two year old justup from his nap.
13. An as yet unproved method of birth control.
14. The size of the fish that got away; the cost of her new dress; the gas mileage that the new car gets.
15. The ability of family members to detect freshly baked cookies no matter where they are hid.

AWARDS

THE CAMEL CORPS AWARD

The "Camel Corps Amateur Radio Club" from Newaygo County, Michigan offers a different "WAC", Worked All Camels. (how is that meant?) To qualify, work 10 camels. These are hams out of Newaygo County. A list with all contacts goes to:

Claire Rowe, WA8ZMS
Press Jones, N8UG, or
"Chick" Childs, KA8FIO.

OE - 6 - YL - AWARD

This award is issued by the "YL-Club Styra in Austria" for contacts after April 26, 1976.

US-stations must work 50 points. Each contact with a YL in OE6 counts 10 points, all other OE-YL's 5 points. All modes, all bands. Each YL may be worked again on any different band, GCR - list of qsl-cards in your possession) plus 10 IRC's to:

Gerda Krainer, OE6YKG
Box 122
A-8750 Judenburg - AUSTRIA

(NOTE: OE - YL's have a "y" as first suffix letter. Here is a list of some very active ones: OE6YKG, OE1YPA, OE1YRA, OE1YSS, OE1YZB, OE3YFA, OE5YFL, OE5YKM, OE7YMJ)

The MUNICH OCTOBERFEST AWARD

May be worked each year during the original Oktoberfest time August 1 to October 31. No band or mode lists. US stations need 10 points.

All stations from Munich and nearby count 1 point. Club stations (currently DBOCB, DFOMH, DF0MO, DF0OM, DK0MN, DK0MO, DL0MC and DL0MW) count 2 points. The "on-site" club station DL0MOF counts 4 points.

Applications with GCR-list and \$5.00 or 10 IRC's to the manager:

Juergen Jondral, DJ7LI
Einsteinstr. 157
D8000 Muenchen 80
W. Germany

XE - EA - AWARD

This award is issued by the "Iberia DX Club" and the "Mexico DX Club". It may be worked on any mode or band(s).

Class A: QSO with 8 EA districts and 3 XE districts.

Gold Seal: QSO with 9 EA districts and 4 XE districts plus X4F, Revilla Island.

In case a contest with one member of the "Iberia DX Club" and the "Mexico DX Club" is mandatory.

Application with GCR - list plus 15 IRC's or \$3.00 to:

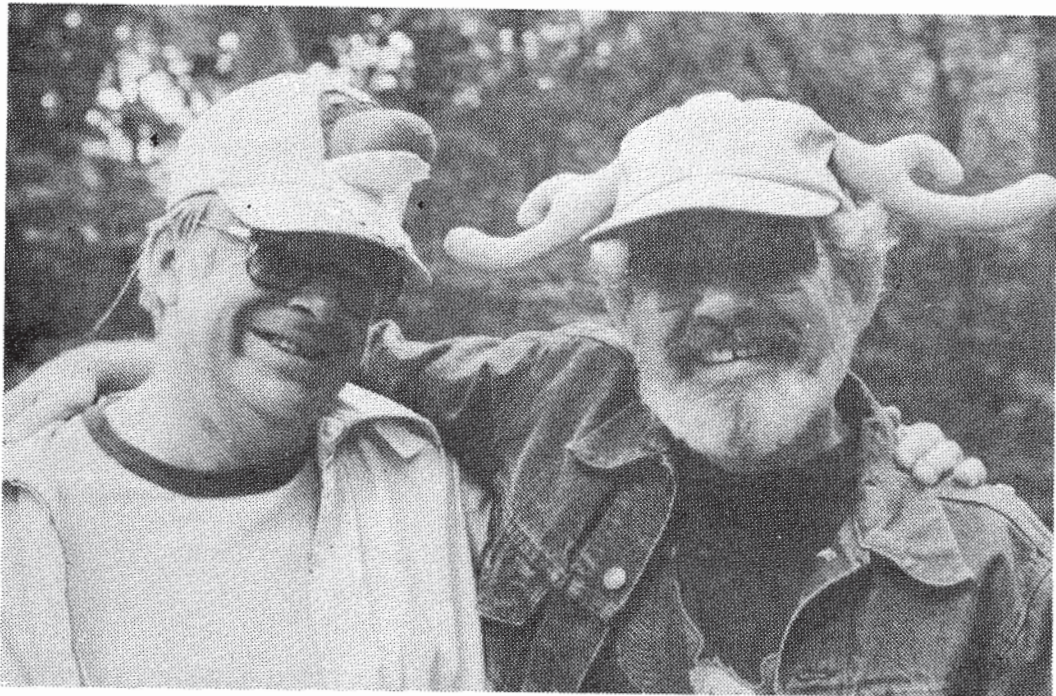
Mexico DX Club
P.O. Box 21-17
Mexico City 21 — MEXICO

or

Iberia DX Club
El Paular, 12-"Puerta de Sierra 3"
Majadahonda, MADRID - SPAIN

The Iberia DX Club has about 90 members in EA, members of the Mexico DX Club are: XE1AE, FX, GBM, KS, LCH, MDX, MMD, OD, OK, OW, OX, OZ, XF4MDX, 4B4MDX.

DE N9UN



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NETS;

28.7 Mhz. Monday 9:00 P.M.

50.4 Mhz. Nightly 9:00 P.M.

146.01/.61 Mhz. Monday 8:00 P.M.

BLACK HAWK VALLEY

TEN TEN INTERNATIONAL

28.925 Mhz. Wednesday 9:00 P.M.

21.130 Mhz. Thursday 9:00 P.M.