

# HAM RAG

Affiliated with ARRL

NET meets each Monday at 9:00 P.M. local time on 28.7 megahertz



MAY 1, 1976 MEETING

ROCK VALLEY COLLEGE  
Room CL 1 — Room No. 222

7:00 p.m.

A Visit by our Vice Director  
of the Central District

EDMOND A. METZGER, W9PRN

Also

FRANK REITER, K9UWO, WILL DISCUSS  
PLANS FOR FIELD DAY

PRESIDENT'S LOG

At this writing, we have slipped into the month of May. Plans can now be made for that antenna work you want to get done this summer.

At our May meeting, we will be privileged to have with us for the evening the Vice Director of the Central Division of A.R.R.L., Edmond A. Metzger, W9PRN. I hope we will have a good turnout for this meeting. It will give the members a chance to meet the Vice Director and possibly hear about some of the things the A.R.R.L. is doing.

Also at our May meeting, we will have Frank Reiter, K9UWO, bring us up to date on the activities for Field Day. As you probably already know, we are going to be at Clyde Aspling's QTH this Field Day. Frank has a lot of excellent ideas for a successful program this year and will be calling on the membership to help make it a success. He is in need of some tents for storage of food, etc. for that weekend. If anyone can help, please call Frank at 968-1650. Let us all help in whatever way we are asked because the more people we involve, the easier the task.

The Novice Class is coming along on schedule, and some members of the class have already passed their code tests and are waiting for the written examination from the F.C.C. The other members of the class are also in a position where, with a little more time, they will pass their code tests.

The Ham-Fest Committee is at work getting things organized for August 29, 1976. Tickets for the Ham-Fest will be mailed out shortly. Paul Dean, WB9HGZ, the Chairman, has already received notice that the main prizes are here. Paul is very anxious about this year's Ham-Fest because we already have had a good response from people we have asked for help.

Be sure to read the next issue of the Ham-Rag for details about the Annual Picnic to be held Sunday, July 18.

Remember, let's all turn out for the May meeting and meet Mr. Metzger. See you Friday, May 14, at 7:00 p.m., Rock Valley College!

73 John Wacker

WN9SGF

May 4, 1976

CONGRATULATIONS are in order for the following people:

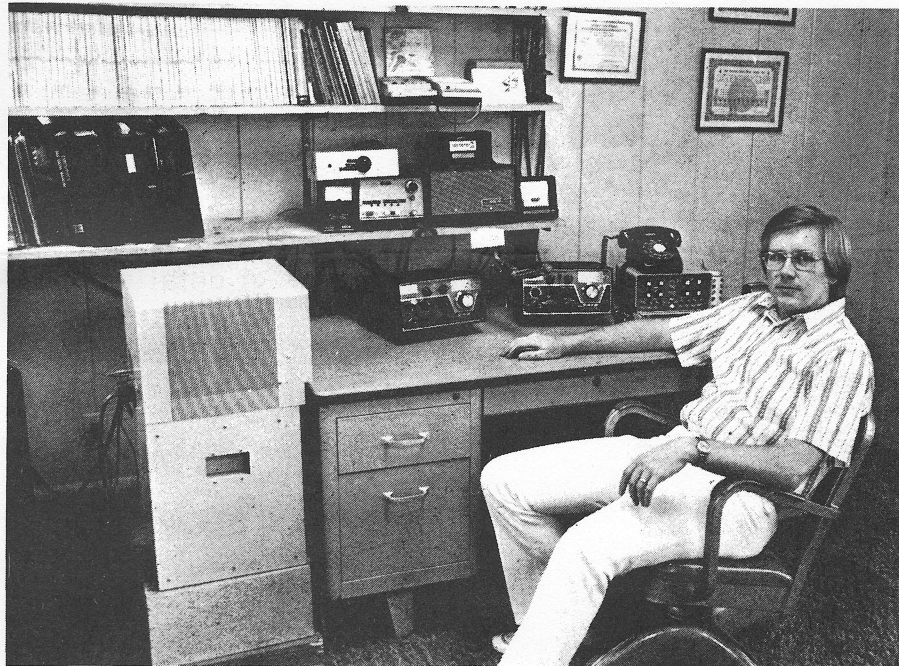
Shari Harlan WM9SFT, whose biography which ran in the last issue of the Ham-Rag was reprinted in its entirety by Yellow Thunder Amateur Radio Club, Inc. in their paper "Smoke Signals."

Next is Vic Sheilds K9UIY of Freeport, one of our members, who placed 6th in the state in the 42nd A.R.R.L. November Sweepstakes. Vic ran up a total of 78,064 points which represents 574 contacts in 22 hours of operation.

Next is Ralph Shaff WB9HHH, who has worked 140 countries with 136 countries confirmed and still reaching out to contact others. Ralph enjoys DX very much and it is always nice to hear that he added another contry to the list.

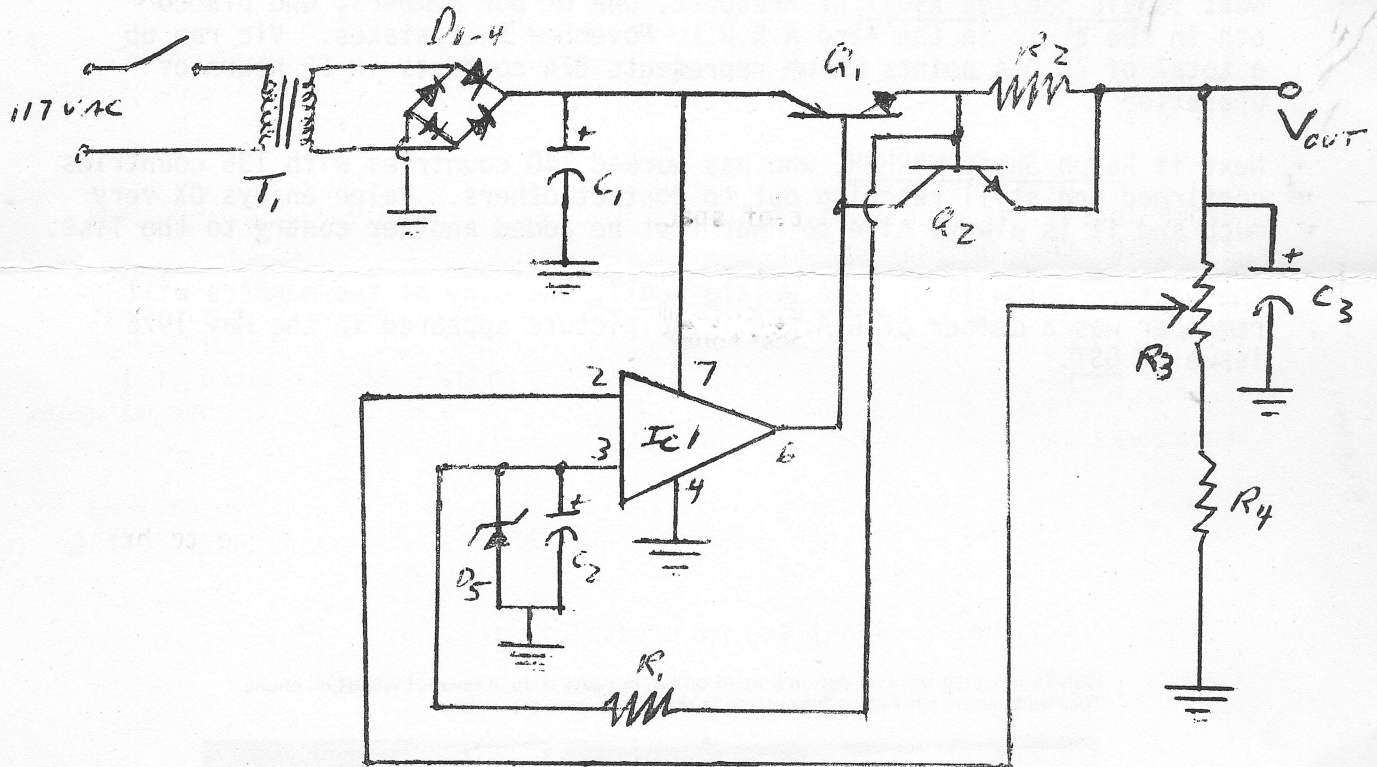
The picture below is of Pete Grillo W6RTT, who many of the members will remember was a member of R.A.R.A. The picture appeared in the May 1976 issue of QST.

W6RTT operated this fine station himself on cw, but gave it up in favor of W6RR on phone. The combination worked, as Pete placed in the top ten on both modes.



- REGULATED POWER SUPPLY -

Here's a simple variable regulated DC power supply. It will provide 2-25 VDC at up to 500 ma.  $R_2$  is the current limit register. The output may be shorted indefinitely without damage. Be sure to heat sink  $Q_1$ .



Parts List:

$C_1$  1000mf 50V

$C_2$  50mf 10V

$C_3$  10mf 50V

$D_{1-4}$  1N 4001

$D_5$  3 to 4 Volt Zener

$IC_1$  741

$Q_1$  2N3055 (Heat Sink)

$Q_2$  2N5133

$R_1$  1K $\Omega$   $\frac{1}{2}$ W

$R_2$  1.5 $\Omega$  1W (Adjusts Max Current)

$R_3$  10K $\Omega$  Pot

$R_4$  2K $\Omega$   $\frac{1}{2}$ W

$T_1$  Pri: 117 Vac Sec: 25 Vac @  $\frac{1}{2}$ Amp

Some time ago I was reading a construction article in one of our leading ham journals. With each paragraph I became more and more interested, knowing that I had a majority of the parts required. Near the end of the piece the author dropped the bombshell when he pointed out that one of the components went the way of the Abominable Snowman and the DoDo Bird. Since the item was a specialized crystal filter, impossible to reproduce, the project rapidly became a faded memory.

On May 9th, starting at 1:00 p.m., some of our cherished memories can be revived when the backroom stock of the former H & H Electronic Store goes on sale. Having been fortunate to have a sneak preview, I found that there are really such things as Johnson Aramic Shaft Couplers, Thordarson Transformers (two cases of them,) and mint condition Air Duct Coil Stock.

Dick Goetz, owner of the LaFayette Store and owner of these crown jewels, is running out of space and is liquidating these treasures at better than Hamfest Prices.

For the new novice, this may be your only chance to build that first rig exactly to the specs found in that article. For the older ham, it may be the last time you will see some of these components and it is sure to bring back fond memories. For those of us who tend to lose manuals, there are two boxes of assorted Heathkit material.

The location is the old Skandia Garage on Sixth Avenue next to the fire station off Seventh Street. There will also be a place to bring your equipment to swap or sell.

And, no, I didn't see my crystal filter.

DE K9KTS

ROCKFORD AMATEUR RADIO ASSOCIATION, INC.

P.O. Box 1744, Rockford, Illinois 61110

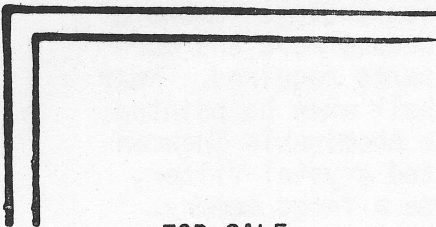
OFFICERS - - - - - 1976 - - - - - DIRECTORS

Pres.	John Wacker	WN9SGF	399-1695	Paul McBride	W9NKQ	399-7973
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HAM RAG EDITOR - Art Nelson, WB9HNJ, 633-8647

Your questions, suggestions, and criticisms are invited. Phone any time.

**TRADER'S CORNER**

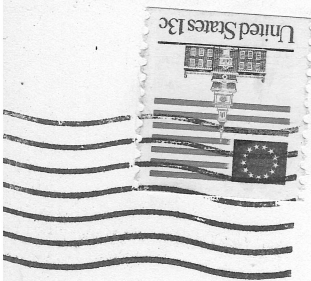


FOR SALE:

1. Novice Special - Heathkit DX60B Transmitter with 5 International Crystals - \$100.00
2. For the 6 + 2 Meter Enthusiast - Hallicrafters SR 34AC Transceiver with National VFO. Get into Oscar on the CW Mode - \$175.00

Jim Michna, WB9PBY, 968-7380

Paul Dean, WB9HGZ  
317 Shaw Street  
Rockford, IL 61108



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



**FIRST CLASS**