

HAM-A-GRAM

Vol 1, No. 7

WOOD COUNTY AMATEUR RADIO CLUB

April, 1966

Club News

March 14, the Wood County Amateur Club met again and started with Pres. Dick Sprout $\kappa 8HWU$, opening the meeting.

The highlights of the meeting were the definite procurement of the fair grounds for the Ham-A-Rama.

The club also purchased from $\kappa 8UGC$, Butch, his TA-33 Sr. beam.

W $8HW$ D, Fred Gossman, gave a talk on meters, how they worked and the different circuits for measuring voltage, resistance and amperes. You did a very good job Fred. I'm sure I can say for the club, thanks.

The new callbook came in so the last one was raffled off for two-bits a chance Steve McEwen, $\kappa 8BVK$, is now the owner of the old one.

The next meeting is an important one for those adventurous members and non-members of the club. The first transmitter hunt on 6 meters this year will be some time this month. All the information will be brought out then. Attend the next meeting, April 11, and find out where, when, and the time to start. The fun season is getting ready to start.

NEWS 'N VIEWS

By BETTY SPROUT, W $8GUD$

After being in a state of confusion here for weeks, guess we'd better get out "news and views" column started.

We never realized how nice 6M mobile was, until we got lost on our way to Fort Knox, Ky. In case you didn't know—Dick and I always manage to get lost at least once on each trip! After stopping for a coffee break—we got started off on the wrong road, but a fella "ham" in Cincinnati got us straightened out. We enjoyed the drive down, and arrived at the Fort at 1700. Met our boy and got settled in a guest house, then toured the place. It was really quite an experience, and quite impressive too. On Wednesday morning 1500 were graduated, and ready to go home for a short 16 days. Now I know why they get up so early in the morning down there. They train with the tanks all nite—too close for me, and there is all types of firing both day and night. We didn't have time to see their radio station, but there is one there.

(Continued on page 2)

Hams And The Weather Net

Last month I said there would be more on the U.S. Weather Bureau and the Amateur Radio Severe Weather Net operating on 50.168 and 145.8 Mc.

First off the Weather Bureau covers not only Lucas and Wood Counties but also Fulton, Henry, Williams, Defiance, Paulding, Putnam, Hancock, Van Wert, and Allen as well. It's quite a large chunk of land and the more information obtained from the hams in this area would give them more instant information for evaluation.

In the past, it has been observed that the hams can get information to and from the weather bureau faster than most public services and political radio systems. Being a ham, I am naturally partial to Amateur communications. Never the less, it has been proven in the past that hams have been on the air faster than other networks under emergencies.

Knowing what to report when you see something is important. Useless interference and confusion can be avoided if reporting a storm is concise and brief. So get on and get off being brief and speaking plainly. There may be someone else with something at the same time.

The following information was put out by a weather forecaster and one of the top men at Toledo Weather bureau.

Dianne's Dilemmas

A "black box" has ten binding posts mounted on it. An ohmmeter measurement between *any* pair of terminals indicates 2 ohms resistance.

Questions What is inside the black box?

EASIER REMOVAL OF BATTERIES FROM HOLDERS

Penlight cells in test instruments or transistor devices are sometimes difficult to remove from the battery holder for replacement. The designer's success in tucking the batteries into a recess, or out-of-the-way corner, is least appreciated at that moment.

Before slipping a replacement battery into place, wrap a strip of plastic electrical tape around it near one end (to clear the clip in the holder). Bring the ends of the tape together to form a projecting tab about a half-inch long. This tab is easily grasped with pliers or fingers, the next time the battery needs removal.

This tells what to look for and how to report it.

REPORTING THE WEATHER

When you see the following:

1. Hail $\frac{1}{2}$ inch or larger. Do not go outside if larger than 1 inch. Estimate.
2. Strong gusty surface winds of 50 mph or more. (Large trees bending over).
3. Funnel cloud or clouds.
4. TORNADO.

How to report it to Net Control Station or Weather Control.

1. Location of Occurrence. Give major highways, intersections or nearest city.
2. Time of Occurrence in (R) or EST.
3. Direction towards which the occurrence is moving. (towards the northeast, east, or southeast etc.)
4. Approximate speed if possible, but not necessary.

WEATHER PHASES

Severe Weather Forecast Phases will be GIVEN to all Nets whenever Severe Weather occurs.

Phase 1. Severe Weather Forecast for thunderstorms, hail and gusty surface winds of 40 mph or more.

Phase 2. TORNADO WATCH. Severe thunderstorms, large hail and damaging surface winds 60 mph or more and 1 or 2 Tornadoes.

Phase 3. TORNADO WARNING. A Tornado has been sighted. Give location of Tornado, direction of movement and also the time sighted.

Phase 4. A TORNADO HAS STRUCK IN A GIVEN COMMUNITY. (example, A Tornado has hit Toledo, Ohio at 1635 EST with total destruction to buildings). Request all emergency equipment, Civil Defence and Red Cross mobilize immediately in that area.

Phase 5. ALL CLEAR. Severe thunderstorms are no longer a threat to this area.

Please follow these Severe Weather Phases along with the types of Severe Weather that is outlined in the above Weather Sheet.

By: W $8EW$ W USWB
Weather Control Station

Please post near your rig. More copies are available upon request from the Ham-A-Gram, 217 South Grove St. Bowling Green, Ohio 43402.

Next Club Meeting—
April 11, 1966
Court House

VIEWS AND NEWS

(Continued from page 1)

We hear Paul W8QZK is driving a new car. Is that right Paul? Also saw Paul and Helen's, Pauls wife, name in the Sunday Blade.

I was very surprised and pleased to meet the future wife of Berny, WA8IXU. Sure wish you both the best of everything, and perhaps someday we'll have another new member in our Club. Congratulations!

And we welcome another new member—Roy Blair—who can also be heard on WFOB Fostoria. Hope you enjoy the meetings, Roy. We're glad to have you as our newest member.

Millie suggested having a women's column. Featuring recipes, household hints, and things like that, which would be of interest to our female readers. I think that is a good odea, so how about that, Millie? I know Larry appreciates all the help he can get. This paper is really quite a job. You are doing a good job, Larry.

There was a good showing of members at the annual CD meeting. Next time Mr. B—should have a larger room, as there was such a good attendance at this last one.

A couple a weeks ago there was a very good article in "The Daily Sentinal-Tribune" on the operations of various groups during tornado season etc. Our AREC and RACES nets do take part in this. Here at this QTH we have 2 receivers set up. One to listen to Toledo frequency and one on 50.360 during bad weather etc.

Our Club Treasurer, Butch, K8UGC, has moved to Perrysburg. Butch will still be at the meetings, and after all we still should be able to work him on 6M. I just bet he'll have his antennas up before Larry, WA8CJK gets his up there on his roof. I hope you will like your new home, Butch.

Guess that is about all for this time. We're ready for the next job handed out in this direction. If we all do a fair share, this year's 'Ham-A-Rama' should be bigger and better. And for sure it will be easier. We are a bit more experienced now and even have more help.

C U next month.

Answers Here's hoping you didn't have to break open that mysterious 'black box' to find out what was in it. A little cogitation should have revealed that ten 1-ohm resistors would do the trick. The resistors were all tied together at one end, the remaining ends went to the 10 binding posts.

ARRL Publications. Log Books etc.
Contact Paul Businger, W8QZK of
Businger Appliance, Weston, O.

STATIC

I don't remember now where I had been that evening, but I had stopped in at George's, the old pro around our part of the country. He had been a ham long enough in the Two area to have an early W2 call . . . and that goes back quite a long time. Anyway, I had been a Novice for a very short time, and couldn't really say I had even been on the air. That was the main reason I had stopped to see George. When I got there, Paul was there having a cup of coffee. Paul was Radio Officer for the community CD group and ran the two-meter RACES net. Of course that was what had gotten me into ham radio.

CD needed a station at my end of the township, I agreed, so they installed a Gooney box, antenna, and facilities to operate mobile. It was too much of a temptation to have that equipment standing around and usable only during drills. Soooo, there got to be another ham.

As a novice I was using a borrowed receiver that was about as selective as a blindfolded man throwing darts, and a transmitter that was home-brewed around an early Stancor circuit. Basically, it was a 6L6 and a power supply. Must have put out all of 15 watts when everything was leaning in the right direction.

I had run up an end-fed Zepp antenna and had cobbled together an antenna tuner out of a couple of old AM radios.

On 40 I could hear people calling me every once in awhile although I couldn't seem to hang on the them long enough for a good QSO. I think every Novice in 8-land was operating 40 that year. One or two brief contacts showed that my signals seemed to touch down at about S4 in Western Penna. and at about S9 in 9-land. But I couldn't for the life of me raise one of those 8's that were CQ-ing madly all over the band. And I couldn't seem to get through them.

On top of that my two 40M crystals were right around the spots that Radio Moscow came blasting through on every night. Anyway, I had looked enviously at the wide open spaces in the 80M Novice band and had gone out and gotten crystals to get in there for some action. Only trouble was, I didn't seem to be going out.

An end-fed Zepp is fed with twin lead (remind me to tell you about how not to string twin lead, sometime). As part of my tuning system I had installed one of the Handbook twin lamp indicators on the twin lead. If I could believe it, I was getting 14 watts down the twin lead and 1 watt up it on 80. I also had a No. 47 lamp with a pick-up coil in the coil of my antenna tuner and a little neon bulb that I could play across various

contacts to find where the power was going. According to all the rest of these I was loading the transmitter and putting lots (relative, that is, on a 15 watt basis) of power up that twin lead.

I was a little worried that I wasn't tuning things right and was getting a harmonic instead of 80. I had borrowed George's wave meter to check this out and found that I was clean. Still, those darned twin lamps said I wasn't getting power to the sky wire. Sooo, I had stopped for some advice.

Well, we mulled things around for a little while and finally George proposed we go have a look at it. That was a real promising idea, even though it was pushing midnight. So, off we went. It was only about 12 miles between our houses.

George and Paul looked things over a little to get the circuit in mind and then started testing things out. Finally, we put together a bundle of resistors that represented the 300 ohms so that we knew there wasn't any mismatch. And still the twin lamps said no forward power. George finally asked if I could drop that antenna down where it could be reached. So, we tied the key down and dropped the wire and George and Paul lit up the neighborhood (at least it looked that way at 1:00 in the a.m.) running that little neon bulb up and down the wire.

The evening ended with two words of advice from the Old Pro: "Throw those blinkety blank twin lamps in the corner somewhere and get in there and work some other guys". And, relative to the clobbered up antenna tuner, "Don't try and gussy it up any, because then it probably won't work."

More another time.

Woman,s Korner

This little item is directed mainly to one individual, but anyone who wants to use it is invited to do so.

It seems that whenever there is a picnic held by the club this person always yells for baked beans. So he wouldn't have to wait for summer to come I thought I would put the recipe in front of him so he could have his wife make them for him. Of course the portions would vary with the amount of people eating them.

1 large can of pork & beans

Loads of diced onions

4 or more slices of bacon cut up.

Add enough catsup to pot to make it good.

Mix well and lay 2 or 3 slices of bacon on top. Bake at 425 degrees for 30 to 45 minutes.

Serve

Good luck Mrs. Dennis on keeping him happy.

for sale or trade

FOR SALE—2 mtr home brew Transceiver, 20 watts, recently re-condx with new tubes, with 5 element yagi beam, and antenna rotor. Transmitter has a 6AH $\frac{1}{2}$ osc, 12-AT7 tripler, 5763 doubler, 2E26 final. Has a service socket for various voltages with socket for VFO. Can be used to excite a rig of higher power. Operates as a 2 and 80 meter transmitter. Stages are slug tuned, except final plate tank. Feeds with 150 or 300 ohm twin line. Has dual conversion receiver, with solid state power sply. 21 watts input. Receiver employes a 6BA6 rf amp, 6C4 osc, 6AS6 mix $\frac{1}{2}$ 6BE6 convtr (1430 to 176kc) and and first i.f., $\frac{1}{2}$ 6BE6 xtal osc; 6BA6 2nd i.f. @ 176kc 6BA6 3rd i.f. at 176kc; $\frac{1}{2}$ 12AX7 1st A.F. $\frac{1}{2}$ 12AX7 bfo; 6AL5 2nd det. A.V.C. & A.N.L. 6AQ5 output. All for \$100.

Also Eico mod 625 tube checker with latest chart and book—\$15. Eico mod. 324 sig gen. with book \$15. Heath VF1 with homebrew pwr encased in nice cabinet with small electric clock \$20 with inst. manual Heath GD1 grid dip with book \$20.

Hy-Gain Hy Tower, 10 months and 65 countries old. Operates 10-80. New \$79.95—used \$25. Call Luckey 833-3831 around 6 p. m. or write, or call personally at 411 Krotzer St. W8ERH, Rev. J. V. Bigelow.

FOR SALE—1KW of cw power. Operates on 20 and 40 meters. 3,000v at $\frac{1}{2}$ amp . . . Finals (2) 4-250A. Price \$200—willing to talk. Contact Rothlisburger, 928 Clark St., B.G.

\$30 CAN TAKE IT. 8,000 v, center tap transformer. First call — first serve. Contact Dick, K8HWU, Bloomdale, Ohio.

T-150, 80-6 mtr Xmtr. Good working condition. Built in VFO and pair of 6146 in final. Call Dick, K8HWU.

FOR SALE — 2 mtr., 20 w. Xcvr., 5 element beam with rotor. Contact Rev. Bigelow, Luckey, Ohio.

FOR SALE: SX-117 Rcvr., R48A Spkr. \$250.00. Heathkit Ham-Scan, 50.00. No marks on chassis, excellent condition. Presently interconnect-ed. Call Larry Reitz, WA8CWD 28863 Oregon Rd., Perrysburg, O. Phone (419) 693-9156.

FOR SALE: Keystone K-27 Capri Movie Camera 8mm, 3 f1.8 lens on turret. Light meter (mounted on camera). Built in haze and type A filter. Case and All books incl. Price—\$85.00
Call Larry Reitz, WA8CWD, 28862 Oregon Road, Perrysburg .O.

FOR SALE—BG 10 VFO, DX 40 xmth HR 10 rcvr (2 months old). Call Ken WA8FBH, Box 225 Wayne, Ohio.

FOR SALE—for obvious reasons, I have to much gear.
1-HQ 140X Receiver
1-HC 10 Sideband adapter
1-Swan 120, 20 mtr xcvr with AC pwr supply, mint condx
1-Heath SB 400 xmtr nearly completed (new). Call W8QZK, Paul, Weston, Ohio, Phones 669-2363 or 669-2765.