
GROUNDWAVE

Vol 3, No. 7.

VE3RC

March, 1953

MEETING

Time: Monday Mar. 2, 1953, 2015 hrs.

Place: National Research Council, Sussex St., Auditorium,
First Floor.

Program: A talk and Demonstration on Mobile Equipment, by
Paul Vatcher, Pye Radio Company.

Mr Vatcher will talk about and demonstrate the mobile gear at present manufactured by the Pye Radio Co. for municipal services, construction firms, taxis etc. The circuits and manufacturing techniques of the Pye Co. should be of value to all mobile and VHF men. Mr Vatcher is used to demonstrating this equipment and should have some practical data for us.

LAST MONTH

We seem to be pushing Mobile this year. George Davis' talk on VHF problems left the Ed. with two pages of notes. When any speaker can provide enough facts to fill a page of notes he must have a good grasp of his subject. George's work on Mobile is well known to the to the VHF people in Ottawa and the call of VE3BBW/m is a familiar one on 50 mcs. And anyway, why shouldn't we push Mobile? Anyone who has used it knows the enjoyment of being able to telephone from your car. George's compact front-seat mobile-package brought forth some glowing and envious comments from those who inspected it. And the news has travelled farther. The Montreal club wants him to give a talk to their group soon. Also CQ has commissioned George to write up, with pictures and circuits, his latest 6-meter gear for the Spring Mobile issue. April or May it will be.

SPRING AUCTION

Well, this was really an auction if the comments can be believed. We ran over our time and had to leave a few items behind. Auctioneers Hal Walsh and Stu Gardiner did a bang-up job and managed about \$120. worth of business. The net profit to the club was \$13.06. Bidding was very spirited and the number of items far outclassed other auctions. Some of the highlights that were enjoyed by the 46 people there (best attendance this year) were; an amplifier, pp 6L6's, power supply, for \$5.25; a 6-qt. basket of 6X5's for \$1.35; a 5CP4 for \$1.; 8 808's for 65¢; a large carton of tubes for 65¢; a 750 volt power supply for 80¢ for \$8.00; a 12 volt vibrator supply for \$1.; an inductuner for 35¢; and these are only a few. Looks like Hams are just natural-born horse traders.

T-V-Ideas by Ralph Bunt, VE3MX.

Reports of TVI are increasing steadily and many Hams have voluntarily assumed quiet hours until their harmonics are suppressed or, in cases of adjacent channel (fundamental) overloading, until the local TV transmitter is in operation. The following general plan is suggested; (a) shield and filter the transmitter completely, (b) use co-ax feed between the Tx and the Ant. tuner, with provision for low-pass or harmonic filter, (c) take further club action to encourage the free installation of filters in individual TV set, whenever necessary, by the manufacturer (Admiral already has free I.F. traps available.)

75 METER CD NET

Starting on Thursday, Mar. 5, at 1915 hrs, VE3CDC, Doug Burrell, will be Net Control Station of a 75 meter CD net. Frequencies are 3730 to 3735 kcs. 3CDC or in his absence 3CDG will act as NCS. Fixed and Mobiles are invited, fone or CW, in a net for practice in Civil Defence Communication. All nets need practice in procedure. And that is what this one is for. The Net operation need only take as long as it takes to call in. If there is no traffic for the net, it will be declared until the next session. So this doesn't take much time. See you on Thursdays at 1915 hrs.

6-METER CD NET

The 50.4 mc CD net is trying a new net time as an experiment. It will meet at 1900 hrs on Tues. instead of at 2100 hrs. TV is the main reason for the change. So 1900 hrs until further notice.

BEACONS

For those who want to get on to the higher bands there is a dandy marker beacon on 150 mcs. It is operated by the National Research Council from their standard frequency lab with an estimated accuracy of one part in 100 million. It is modulated by a 1000 cycle tone (also standard freq.) and has a power output in the neighbourhood of 50 watts. Operation is continuous and polarization is vertical.

Another daydream of 3AGU and 3DY is a beacon for the 50 mc band. With VE9RB off the air we need something to tune up on. So maybe in the near future we will have a beacon of about 10 watts operating, probably on or near 51.0 mcs. Call may be VE3RC and location tentatively at the NRC also. More on this later if and when it takes shape.

ADS - WANTED

Command Receiver, 3-4 mcs, Doug Burrell, VE3CDC, 8-5061-J: 9-8630.

FOR SALE

807, 50g; 810, \$3.; 813, \$5.; 829, \$4.; 120 watt 2-meter tx, without power supply or speech amp., with modulator and co-ax relays and 4 xtals, all for \$40.; 2-902 CRTs with xformer, \$2.; speech-amplifier-driver, pwr supply, clipper, fone patch, 15 watt output to 500 ohm line; see Jim Swail, VE3KF, SH6-1457.

SCR 522 receiver, converted to 2 meters, \$8. 2- 200 to 450 mc lines oscillators, copper plated aluminum chassis, (uses 6J6's), \$5. Fixed freq. 6-meter mobile package, trunk mounted with remote control, 12 volt, (easily converted) bumper mounted antenna, all cables, connectors, remote control unit with speaker, \$50. G.A. Davis, VE3BBW, 8-2304-M.

Megger, Evershed and Vignoles, 250 v, \$10. Stu Gardiner, 3CAX, 3-7779.

Millen 90800 exciter-transmitter, complete, tubes and coils, for 80, 40, 20, 10, meters, 50 watts, \$35.; Sonar VFX 680 exciter, VFO or Xtal with FM, 2 built-in monitors for fone and CW, complete, 7 tubes, coils for 80, 40, 20, 10, and built-in power supply: Charles Poole, VE30J, PA2-3910:9-4833.

TA-120, partly converted, extra parts, \$15., Gord Grant, 8-6468-R.

ARCOVERS

30J and 3ACS solidly mobile now ---- 3CAU has a new harmonic - that's why he missed his skec~ eh! ---- 3MX is trying 40m fone ---- 30J's xyl is recovering nicely from an operation ----

GROUNDWAVE is published monthly by the Ottawa Amateur Radio Club, P.O. Box 204, Ottawa, Canada.

Pres: Hal Walsh, VE3BFW; V-Pres: Stu Gardiner, VE3CAX; Secty: Wally Johnstone, VE3LX; Tech, Adv., Meade Wood, VE3CMW; Editor: Gord Grant, VE3DY, 9-6057: 8-6468-R.