

GROUNDWAVE

Vol. 4, No. 3

VE3RC

December, 1953

Meeting

Time: Wednesday, Dec. 2, 1953, 2015 hrs.

Place: National Research Council, Sussex St., Room 2121.

Program: Electronic Parts Standardization, by Bruce Clifton-Lemesle.

The selection and approval of preferred components such as resistors, condensers, meters, switches, terminal boards and so on is a major problem with the Services and Government agencies when it comes to service spares and stores. In one instance one preferred type of resistor supplanted 30 that had previously been kept in stock. Similar savings are being made every week. Mr. Clifton-Lemesle will tell us of some of the tests that are carried out on manufacturer's products before approval.

LAST MEETING

Carl Epp made his description of the Mass Spectrometer so clear that most of us felt that it would be a cinch to build one. These machines are used to analyse the constituents of minute quantities of gasses by accelerating the particles of the gas through a magnetic field, around a corner, missing several obstacles and through a slit into a collector. As this collector fills up with charged particles, an electronic voltmeter weighs them, and with a few more bits of apparatus the whole secret content of the gas is written down on paper. Of course not everyone can read it. Many thanks Carl for some interesting information.

The TVI committee chairman, Jim Swail and Gerry Harbottle, reported on their work to date by showing the snooper set and the progress in filtering etc. Line filter and antenna filter (hi-pass) is all that is required. A new case has been made giving a completely shielded set. The set was exhibited for all to see and many were the comments of approval on the workmanship. Money was voted for the completion of the project and there was discussion re the service and general use of the set for club members and non-members.

BANQUET

The date has been changed to Wednesday December 9, 1953 at 1845 hrs. Tickets will be available at the regular meeting. Anyone wanting tickets and not at the meeting need only phone a member of the executive. Tickets will be \$1.50 per person. Dinner of the usual high standard, plus entertainment and music with prizes will be the program. The place is the Experimental Farm Cafeteria, at the Administration Building. Following the usual practice ticket sale will cease two days before the banquet, on Mon. Dec. 7. Please arrange to get your tickets on time.

For your convenience the ticket sellers are:

Phil Laprade, VE3KN, 974 Fisher Ave, 8-7380

Wally Johnstone, VE3LK, 72 Arlington Ave., 2-5273

Mailes Dier, VE3BCO, 6-5801

Carl Epp, 510 Hycroft Ave., PA2-7778

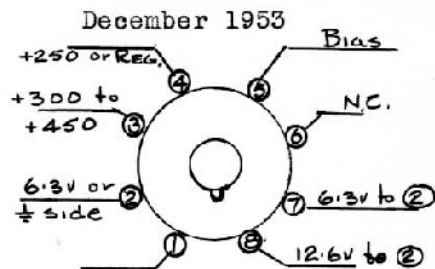
Ted Hollinsworth, VE3PG, 11 Kippewa Dr., 2-8320

Gerry Harbottle, VE3AGU, Kilborn Ave, Billings Br., 5-2215

Harry Hayes, VE3BEB, 150 Belmont Ave., 4-5554

ERRATA

Due to a shortage of help in the proof-reading department, the tube base diagram for the power plug connections was missing from some bulletins last month. The Editor appologizes most humbly for this omission. The missing plug is shown to the right.

A R E C

Here is a little problem to do some thinking on. How would you provide communication over about a five mile path in hilly country, in daytime only, on Sundays during the winter months? AC power available at the main location but no power at the other. Shelter and warmth at both places. Storage batteries etc could be taken to the second location. What freq. would you use? What antenna system? What equipment? Where would you find operators? If you have the answer to this or any part of it, Ham Radio could do a real service in helping the St. John Ambulance Corps perform its first-aid work in the Gatineau ski area. They require desperately a reliable communications link between Camp Fortune and Old Chelsea to notify the First Aid Post at Old Chelsea when the ambulance is needed for casualties. It would mean much less hardship for both the injured and the rescuers. Lets discuss it at the next meeting and see what our emergency rating is.

FOR SALE:

240 watt transmitter, power supply, modulator, and antenna tuner, --
Boyd Park, VE3CMO, 5-3524.

V.H.F.

From 3CAU we learn of some interesting things on 144 mcs of late. John has worked 3CAB in Bellville and 3MP in Smiths Falls has worked 3CAB and about 10 other stations. From the Quinte QRM we learn that 3CAB has been working Rochester every night since Aug, 29th. He has a total of 31 stations so far. He runs a 522 into an 829 with a five element beam and a converted TV front end for reception. 3CAU has also worked from Picton to Bellville with his mobile a distance of 25 miles. Looks like some people are active up there.

PORTABLE

Anyone interested in hand portable rigs? Maybe the bibliography from QST listed below will give you some ideas.

- July 49 A 10 meter handie-talkie
- Apr 51, P42 - A miniature transmitter for 220 mcs.
- May 51, P35 - A Civil Defence portable
- June 51, P60 - A low-drain 2m mobile transmitter
- Dec. 51, P11 - A portable 40 meter CW station
- Feb. 52, P 25 - A battery operated 2-meter portable station
- Apr 52, P 41 - A compact 2-meter portable station
- June 52, P 33 - A sling-back portable for CD - 28 mcs.
- Aug 52, P 24- A flea-power portable station - 2 tube.
- Feb 53, P 16 - The Detroit 10 m hand portable
- May 53, P 45- A hand-carried portable for 220 mcs.

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

President: Phil Laprade, VE3KN, 8-7380
V-Pres.: Wally Johnstone, VE3LX, 2-5273
Sect'y.: Mailes Dier, VE3BCO, 6-5801
Treas.& Editor: Gord Grant, VE3DY, 8-6468-R
Tech. Adv. Carl Epp. exVE4ABB, PA2-7778

