

GROUNDWAVE

Vol 13, No. 4

VE3RC

January 1963

MEETING

Time: Wednesday 9 Dec. 1963, 2015 hrs. EST (0115Z)
Place: N. R. C. Sussex St., Room 3001.
Program: The Alouette Satellite by Jack Bloom.
Coffee and ragchew.

Jack Bloom has been associated with the Alouette project almost from the start. He will tell us some of the things that have happened since Keith Brown talked to us last year at this time. He will also tell us something about the data received from the satellite and how it is being processed at DRB.

The question box will be on hand and if there is any time left technical questions will be answered.

BANQUET

The banquet will be held sometime in April at the Bruce MacDonald Hotel, on Carling Ave. The exact date and other details will be announced as plans are firmed up.

CODE CERTIFICATES

How many copied the ARRL qualifying run on 18 Dec. ? We know of two at least who did and they are well on their way to copping that prize. Next (and last for this contest) qualifying run will be on 16 Jan, '63. If you are going to try at all, get practiced up on the high speed nights and then try this one on the 16th.

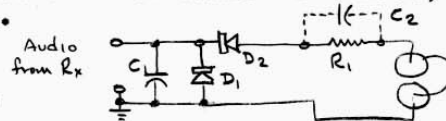
EQUIPMENT BUILDING CONTEST

The entry forms for this contest will be available at the February meeting. From the interest shown thus far it looks like a good number of fellows are getting ready. Remember the closing date is the April meeting.

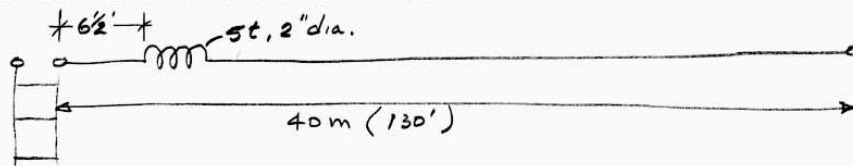
TECHNICAL TIDBITS

From the RSGB Bulletin, Sept. 62, -'The T-5er Approach To CW Reception'. By deliberately introducing severe distortion of a CW audio beat note, considerable relief from fatigue is claimed.

The circuit is very simple and is shown at the right. The diodes can be any type such as 1N34. The values of C1, C2 and R1 may be juggled to produce the desired response.



From the RSGB Aug. 62 is described the DL7AB all-band antenna. Claimed to work from 3.5 to 28 mcs.



ADS

For Sale: CR91A Receiver, excellent condition, aligned, new tubes; Steve Chisholm, VE3ATU, 2408 Drury Lane, 828-1635.

Clearing out all surplus parts, almost all in new condition, list on request; Oscar Sandoz, VE3CRA, 722-8519.

T-R mobile power supply, 12v, Jim Swail, VE3KF, 746-1437

SSB HF filter-type exciter, requires abt 6 hrs to finish, price can be dickered; Jim Swail, VE3KF, 746-1437.

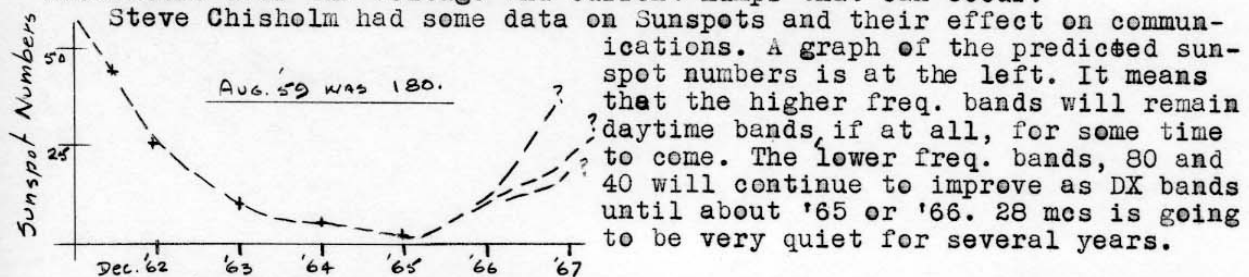
Wanted: 913A CRT of equal,; Steve Chisholm, VE3ATU, 828-1635

ALL NUMBER CALLING

Next May or so the Bell Telephone Co. will convert to all number calling as an adjunct to long distance dialing. As a result the exchange names will disappear and everyone will have a seven digit number. The B.T.Co have already made a start in educating the public to the new system in their information service. Since it is inevitable anyway (or if you can't beat them, join them) and it is an assist in traffic handling, we will be using the ANC system for telephone calls in the Groundwave.

LAST MEETING

Burt Coy, VE3GI, gave us some sober food for thought by reviewing the fundamentals of power supply design with special reference to the use of silicon diodes. He had also some good hints on how to ease the silicon rectifiers over the voltage and current humps that can occur.



The technical question period produced some very interesting material and should be repeated soon.

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Listen for the Capital City Net on Sundays, 2100 hrs, 3540 kcs. (0200Z)

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

President:	Gerry Wells,	VE3CDS,	12 Sutton Place, Ott. 5,	728-1369
V-Pres:	Burt Coy,	VE3GI	9 Pineglen Cr. rr2, City View	825-1387
Sect'y:	John Hart,	VE3CDI	479 Fraser Ave., Ott 13,	722-5116
A/Sect'y	Pete Dale,	VE3EYI,	678 Sherbourne, Ott 13,	722-1067
Treas.	Phil Demers,	VE3FDR,	5 Via Venus, Ott 7	749-6593
Tech Advs.	Steve Chisholm,	VE3ATU,	2408 Drury Lane, Ott 5	828-1635
	Bud Willing	VE3ANL,	5 Parthia Ave. v Ott 5	728-3811
Ed/PPres.	Gord Grant,	VE3DY,	2050 Balharrie Ave., Ott 8	733-4892