

# GROUNDWAVE

Vol. 17, No. 4

VE3RC

December 1966

## MEETING:

Time: Wednesday, 30 Nov. 1966, 2000 hrs.  
Place: NRC Sussex Dr., Auditorium.  
Program: Business.  
Demonstration and Explanation of the Tellurometer,  
by Mike Mogg.  
Coffee and ragchew.

The Tellurometer is a portable microwave system of distance measurement using the interferometric method. It is useful from distances of a few hundred feet to about 30 miles. The precision of measurement is about the same in both cases, about two centimetres. It is used extensively in Canada, and many other countries, for triangulation distance measurement. This allows us to better establish the size of our country, to produce more accurate maps, and to measure with much greater precision and ease the distances between the operation of the instrument and tell us some of the ways in which it has been used.

## NOVEMBER MEETING

Ray Smillie's talk and demonstration of Lasers was most informative. We are indeed indebted to him for an excellent discourse on what Lasers can do and some of the remarkable things that can be accomplished. It leads us to dream a little on what may be done with Lasers in the future.

## MEMBERSHIP ROSTER

Nov. 30 is the final cut-off date for membership dues and subsequently Groundwave. Anyone (excluding Club exchanges) who has not paid up by 30 Nov. will be removed from the mailing list. It may cost you another 10% to get back on if some of the hard-hearted souls on the Exec. have their way.

## CALL LETTER PLATES

No, No, not licence plates. Just call plates. You can't put them on your car. But they sure dress up the shack. On white plastic with black letters nicely engraved, about 2 1/2" by 8". The cost is only \$2.00. Order (and pay in advance of course) through the Treasurer. Members only, naturally, and please have the right change.

CONVENTION

Plans are going ahead tho the date is still to be set. The Convention Committee consists of: George Hudson, VE3BGH, Chairman, Len Jarrett, VE3EWE, and Ken Willing, VE3COV. Other Committee members will be sought as soon as a few critical items are decided.

ADS:

Wanted:

Transceiver for 6, 10, or lower frequencies: Raymond Fretts, VE3FXC, Box 272, Napanee, Ontario.

SSB Transceiver, commercial: Robert Elsinger, VE6AHY, 30 Euclid Ave., Ottawa. 234-2214.

For Sale:

Transmitter, HT-44 with P-150 AC power supply: \$450.00  
SX-117 receiver, \$325.00. Or all three units with phasing cables for transceiver or independent operation, for \$750.00. Call or write: Peter V. Travis, VE3PV, 462 East 38th Street, Hamilton, Ontario. Will ship anywhere. Telephone: 385-8775

Heath HW-29A, Sixer, with mike, mint condx., \$48.00  
Gord Grant, VE3DY, 733-4892.

AUCTION

Our thanks to the EOIT Radio Club for providing the excellent location for holding the Fall Auction. As usual some of the offerings were unusual. We could marvel at the large bank of 6146s that sold like the proverbial hot-cakes; the boxes of miniature tubes with the strange numbers on them; the vintage teletype that a couple of happy young bidders lugged off. A lot of stuff changed basements. Almost everyone went home happy. Even Ted, 3FMM, got a box of tubes at his bid, after accidentally dropping that 5" CRT on the floor. We haven't heard one of those things go off in years. Since the bank charges on the cheques would have wiped out a sizeable part of our profits, all monies owing to members will be ready and waiting at the next meeting.

GROUNDWAVE NEWS

Reporters are wanted for all facets of Amateur Radio. If the news doesn't come in, and before deadline, it will never be printed. Coverage is needed for; traffic nets, 80m activities, DX, VHF, RTTY, hints and kinks, local activities. Deadline for next issue is December 15th.

HINTS AND KINKS

From Bill cousins this month is a method of keeping small parts. For anyone who buys the three-quart milk cartons, plastic type, it can be put to good use after cleaning (very important) by cutting the top off it just above the bend. It can be cut easily with a knife, will hold quite a few large capacitors, or a few transformers, and when lined up on a shelf with neat labels on them, makes things easy to find. They can be labelled simply by using a felt marking pen.

CRYSTALS

Those who ordered crystals for their FM rigs will be able to pick them up from Maureen at the next meeting.

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### A Christmas Message from VE6PP

Naturally this is a message to a "closed corporation". By that I mean this will be read chiefly by a group of persons closely bonded together by a common tie -- that of Amateur Radio, not merely a hobby, but a scientific study that not only provides pleasure but keeps the intellect and mind active, a group that is both national and international. To further these ends this bulletin is published monthly, but this is one month when even the trend of many of the articles takes on a different aspect -- it is Christmas again! From now on, all over the world, a world still officially at peace -- otherwise we would not be operating our transmitters, the amateur radio stations will be sending out, either on CW or phone, greetings of good cheer and best wishes, 73 and a Merry Christmas! "If we do not see you again before the 25th, cheerio and the Seasons Greetings". Yes folks, it is Christmas again.

The foregoing is very true and the "Nets" will be kept busy with these messages of good will. But Christmas is more than that. As intellectual persons, we must also be serious minded, and I do think it amiss to pause for a few moments, to think what Christmas means, and so not to send our messages just as formal empty greetings, just something nice to say at this time of the year. The very atmosphere seems to be different: there is a different spirit in the air, and would to God that this feeling of goodfellowship and brotherly love could continue throughout the year and to all nations. Personally to each other as fellow amateurs, I think we really mean this, and when we celebrate Christmas, we do not only celebrate a worldly feast day, but we honor in a very special and wholesome manner, the One who made this great day possible. Above all, first and foremost, we celebrate the Birth of Christ in the Stable of Bethlehem. This year again, the pilgrims will be flocking to the scene of the Nativity and the whole Christian World will be celebrating accordingly. And so will we. But above all, Christmas, by the very meaning of the word, is a religious festival and the Churches, large and small, will be keeping this Day in a very special manner. Even in this modern world, Christmas is near and dear to the hearts of all of us. The commercial radio stations will be presenting special programs and many amateurs will be operating public address systems in many of the churches to help enhance the Christmas ceremonies. Then, as stated above, we will be using our own stations to greet our friends and fellow amateurs and pass on the message of Goodwill. Yes, it is a great season for the world at large; it is a great season for the amateur fraternity, and so when we press our keys or take hold of our microphones, let us not be content with idle chatter, but pass on our greetings with the proper Christmas spirit, and do our part to bring to the foremost, the true idea behind the greeting. To wish not only a "Merry Christmas", but a "Holy and Happy Christmas".