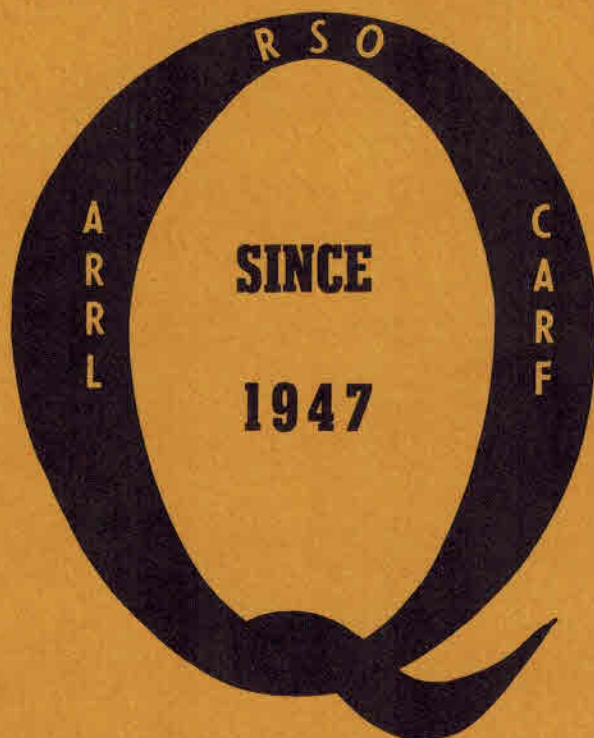


DEC 76

QUINTE QRM



QUINTE AMATEUR RADIO CLUB
VE3BSQ

BELLEVILLE REPEATER VE3KBR

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CLUB CALL
VE3BSQ

QUINTE QRM

REPEATERS
VE3KBR 146.40/147.00
VE3EJB/3 Autopatch
146.43/147.03

Date of Meeting Wednesday, 6th December.

Time 8.00 P.M.

Place Loyalist College, Kente Bldg, Room 3L10

Program

1. Business session.
2. Elections. The nominating committee have a slate of candidates ready and you can also nominate the person of your choice from the floor.
3. Rick, VE3EJB, is going to talk about Autopatch Repeaters, the repeater he now has operating at the Bell School and all about Touch Tone Pads and how to connect them to your rig.
4. Rag Chew and Refreshments.

Interference to Amateur frequencies is becoming a serious problem these days. The recent remarks in the CARF bulletin are timely and long overdue on this subject.

We don't believe that the DOC long standing excuse of lack of manpower to enforce the regulations is a valid one. The regulations in the Radio Act are been broken everyday not only by those using the spectrum but by the makers of radio gear. Amplifiers for use on the CB band are sold and used everywhere. On the international scene the situation is also reaching serious proportions with strong wide band signals popping up in the amateur bands. Let's all get behind our national organization in their efforts to get more attention focused on this problem.

It's AWARD time again. Would the holders of plaques please return them at the December meeting so that the executive can present them for 1976. In case you have forgotten the awards are - the William Thompson award for the most active amateur, won last year by Bob Brain VE3GTD, and the Man of the Year Award, won last year by Bert Hanson. Reg Varcoe donated this award in 1961 and also has paid for a years membership in the RSO for the winner every year since.

Ye old editor would like to wish one and all a MERRY CHRISTMAS and good 1977 - Hope Santa leaves an 820 under every tree.

-- Page 2 --

The auction on Nov. 20th at the home of Mrs. Stan Else was a big success. Although a large quantity of gear was sold, there is still considerable to be disposed of. In January or February there will be another sale - and this time it is hoped everything will go - so prices will be LOW - LOW - LOW. Don't miss it - watch for the announcement in the bulletin. Among the goodies still to be sold are about 70 panel meters, all ranges, shapes and sizes. Contact VE3RL or VE3GTD. Thanks to all who came out to support this worthy cause.

Get ready for a big club auction sale - we haven't had one in three or four years. Most basements have accumulated enough junk by now to really have a dandy. Watch for an announcement in the bulletin - it will likely be held in April.

Ted King, VE3FUL was in for a visit from Cambridge Bay. His call up there is VE8HV. Ted is working Oscar 6 and 7 on 145.930 and comes out at 29.480. He finds vertical polarization the best and has his beam at 44 degrees elevation. He is on S3B and CW. Hopes to be variable in elevation soon. Look for him during December at 5 minutes past equator crossing times and on subsequent orbits at 114.9448 minutes and orbit longitudes of progressive 28.7362 degrees.

Many in Belleville will remember "Bud" Punchard, VE3UD who some years ago was manager of Northern Electric's Belleville plant. Bud was recently awarded the McNaughton medal, the highest award of the Institute of Electrical and Electronic Engineers.

D I D Y O U K N O W T H A T - -

Dorothy, XYL of VE3RL is in the hospital for a few days. Best wishes for a speedy recovery Dorothy.

Also doing the household chores is Ron, VE3IVC while his XYL is in hospital,

Brian, VE3HQR has a new harmonic (the first) Congratulations.

this year we had 689 contacts on Field Day for a score of 2170. Last year 611 contacts for 1768 points. Highest score was 9638 and the lowest was 24.

Rick's Autopatch repeater is performing exactly as it was designed. Latest to join the Autopatch crowd are VE3DEF, VE3GTD, VE3RL, and VE3HWU.

at the December meeting the door prize will be a Foreign Call book donated by VE3RL.

VE3IVA, Frank donated some 832 tubes for the Club 2 meter rig. Many thanks Frank.

we haven't heard Henry lately. We are still looking on Sat. at 1430 EST on 14.135Mz.

ITEMS for SALE

GE Pacer with extra crystals. A nice clean two meter rig.
VE3CYW Morley in Wellington.

Yaesu FT200 with speaker/power supply, M41 mike, KW EZ match,
low pass filter, Armaco bug, 3el. 20M beam, 1 set traps, 1 balun.
VE3EJB Rick in Belleville.

NCX3 Transceiver.
VE3AMT Ken in Campbellford.

Nice clean Heath Transceiver
VE3HPN Dick in Campbellford

Heath HW202 with 18 crystals, built in scanner and touch tone
Mic, AC power supply all for \$400.00.
VE3IVJ Ron at 394-2741

TR2200 portable with 10 sets of crystals, nicads installed.
VE3HCM Tim in Belleville at 966-2562

The old repeater receiver from KBR with AC power supply and
COR. It will go to the highest bidder, receipts to the
Repeater fund. See Howard VE3RL.

ITEMS WANTED

Schematic diagram for a DT23.
VE3HCM Tim at 966-2562

A 10 to 80 Meter transceiver reasonably priced. Will also
consider a Transmitter only.
VE3GAB Ron in Belleville.

A 10 to 80 Meter transceiver
VE3IVA Frank in Trenton.

Information leading to the identity, apprehension and
conviction of the PHANTOM MUSICIAN.

Christmas sheet music for piano, organ, touch tone or flute.
THE PHANTOM MUSICIAN.

Over the past year we have had a lot of help with the
repeater. VE3RL who is responsible for the technical end of
things would like to thank Barry VE3CJC, Glen VE3CJG and
Eric VE3GSI in particular. Others have also lent a hand when
asked, for which we extend our thanks.

Don't forget Rick VE3EJB who has set up the Autopatch
repeater at the Bell school. A lot of time and effort has
gone into this repeater. It's open and it's free as is VE3KBR.
Your club membership helps keep VE3KBR going. In Rick's case
he is on his own. How about users kicking in a bit to help him.

A FEW HINTS AND TIPS TO NEWCOMERS TO TWO METERS

A repeater is a device which retransmits received signals in order to provide improved communication range and coverage. This is accomplished by locating the antenna on the highest elevation possible. Repeaters then are able to extend the range of mobile to mobile and mobile to base communications.

Repeaters fall into two categories - closed and open. A closed repeater is one which is used only by the members of the sponsoring group. These repeaters are usually accessed by a tone or combination of tones. Its use by non members is not encouraged. An open repeater is one in which transient operators are welcome. We are fortunate in our area that all of the machines are of the open variety. VE3KBR, Belleville on 146.40/147.00 and VE3PBO, Peterborough and VE3KER, Kingston both on 146.34/146.94 Mhz. We also have in Belleville an Autopatch repeater operated by VE3EJB. Rick will be describing this repeater in full at the December meeting.

A few "Dos" and "Don'ts" on Repeater Operation

- 1) Identify yourself. Thus VE3XYZ Mobile 3. Stations receiving this know you are monitoring the frequency.
- 2) Do not call CQ on a repeater frequency.
- 3) Make transmissions short.
- 4) Leave sufficient time between transmissions to allow another station to break.
- 5) Most mobile and base stations in this area monitor VE3KBR. After initial contact and if the stations are in range of one another they should QSY to a simplex channel. Simplex frequencies used are 146.52, 146.58 and 146.55 Mhz. This will free the repeater for other traffic.
- 6) VE3KBR can not be classed as a busy repeater, therefore it is quite permissible for two or more base stations to work one another, e.g. Belleville to Kingston, bearing in mind that mobile stations have priority and allowing them to break and use the frequency if requested.
- 7) During inversions the normal line of sight range changes and it is possible to hit repeaters that under normal conditions are not heard. To avoid this base stations should use the minimum amount of power required and orient their antenna so as to not key up the distant repeater. In our case this usually means turning the antenna to a more northerly heading.
- 8) The working of DX through repeaters is frowned on by repeater trustees. DX should be worked on the low end of the band.

Further to the Club Awards. Submit your score (number of contacts on each band for 1976) to the club secretary for the William Thompson Award. For the Reg Varcoe Award, the executive decide this one on the basis of a vote on the persons they select and those that are selected by any of the members.

HAVE A MERRY CHRISTMAS AND A HAPPY NEW YEAR

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