

FEED BACK

GEORGIAN BAY AMATEUR RADIO CLUB NEWS

February 1977

Editor: Jim VE3HIZ

President: Dave Nixon VE3DX*
Vice Pres: Ian Trenholme VE3HIP
Sec. Treas.: Cy Weaver VE3DQA

The January meeting was held at the CIAG Computer Building on the 29th and was well attended. Cam VE3CTQ gave a very interesting talk on the Athabaska Tar Sands project and showed some great slides of the area. The evening ended with coffee and an auction of some very useful items. Although Dick, VE3BIS, who acted as auctioneer tried to extract large sums of money from those present the articles all went for good prices.

The next meeting will be held at the CIAG Computer Building on February 17 at 8:00 p.m. It promises to be a very interesting meeting so try to attend.

OWEN SOUND SNOW RALLY

On February 5th our club provided communications for the Owen Sound Kiwanis Club Snow-rally 100. As in other years the HQ station was set up in the Sarawak Township shed. Ian VE3HIP and Jim VE3CRV did the organizing for the club and the weather was perfect (maybe they have some good connections).

Reporting was done through the repeater and all went well. Operators taking part were VE3RIS, EFX, DXO, DGA, BFV, HIF, CRV, AEO, IEV and HXX. Congratulations on a job well done and thanks.

From The President:

What kind of a rig should I buy?....what does SWR mean?.... how tough will the exam be? It is most gratifying to see so many candidates participating in the three instructional classes in the Grey-Bruce area and those are some of the questions being asked by these enthusiastic students.

It is both gratifying and encouraging because, believe it or not, just a few short years ago, there were not even a sufficient number of Hams in this area to form a viable club. Now, a recent tally indicates that our membership is comprised of 25 resident amateurs out of a total of 50 paid-up members. That's quite a dramatic increase over those few years.

For that increase, we can be justifiably proud. But get this; by comparison to those 25 licenced Hams, we have a total of 28 who are presently taking the courses. That's right - 28 who are rapidly approaching that day when they will realize the fruits of their labours and will sit down with the B.O.C. representative to write their exams. And furthermore, it could mean another 28 added to our membership list. I wonder how many other organizations, of any kind, let alone Amateur Radio Clubs, can boast of such a potential percentage increase.

To all of the students, the Club offers its sincere best wishes for a successful course - for the knowledge and skills you will acquire, for obtaining a pass mark on the exam, for that coveted certificate and your own call letters, and, best of all, for the many thrills you will realize in the years ahead as a Ham Radio Operator.

But from the Club members, a good luck offer is simply not enough. These fellows are looking for advice and assistance and you are the obvious ones they turn to. They don't want to be spoon-fed, nor should they be. But they do want guidance, encouragement and meaningful help. Just remember when you were at the learning stage and wanted answers to some puzzling questions. So now, give of your time and knowledge, to lend them a hand. They will appreciate it and will look more favourably on our organization.

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from the president - 2 -

And finally, to our newest ambassadors, Paul and John; you have come a long way, under the watchful eye of Cam and we offer sincere congratulations. Our Club will be enriched by your youthful enthusiasm. We trust that you will be rewarded by some of the good things that our Club and Ham Radio can provide.

VE3DXO

On January 22, our club supplied communications for the Southampton Snowmobile Club 100 mile rally. VE3BIS did the organizing at our end and did a fine job. The rally started at 6:00 AM and we were set up and operating on 146.52 and 146.34 by 9:00. The first part of the day was full of problems as first the .52 rig went on the hum and then the .34 rig gave us some trouble. Some stations were having trouble getting into the repeater from their locations and interference from the snowmobiles caused problems on transmit as well as receive.

The day went on with lots of hot coffee and hotdogs, at least where I was, and very good co-operation from the snowmobile officials. All problems were taken care of and we finished the day on 146.34. Sixty machines took part in the rally and had only 2 break downs, \$5500.00 was raised in pledges.

The operators taking part were VE3BIS, VE3DXO, VE3HIZ, VE3FOF, VE3EFX, VE3AEO, VE3BFV, VE3IEV, VE3HIP, VE3CTQ, VE3IXP, and VE3BPZ; a fine job was done by all.

The tally board that Ian VE3HIP made up, was a great help and created a great deal of interest at the HQ. Thanks again Ian.

73,
Jim VE3HIZ

On January 1, 1973, the club...

This 'N That

Paul Crozier and Jamie Malloy, both members of the 1st Kincardine Scout Troop were successful in passing their amateur exam in Kitchener on January 21, 1977. Paul, who is 12, is now VE3IXO, and Jamie, who is 13, is VE3IX*. Both boys were wondering if they were the youngest hams in Canada and if not they must be close. If any body knows I would appreciate finding out.

Both boys got ham rigs for Christmas, so as soon as we get antennas up they will be operating, and looking for contacts with the hams they already know, so if you hear them, give a call.

Now that the first group has passed their ticket, there is another class of 8 ready to start so with a bit of luck and time there should be a lot of activity from Kincardine.

Our troop (the 1st Kincardine) is planning on attending the national scout Jamboree on P.E.I. from July 1 - 9. We also plan on a three week return travel camp, and will be operating 2 meters along the way. In addition we will have a lowband rig along, and hope to be able to run phone patches back home. I know there is a group going from Port Elgin and probably other ones from the area, so perhaps the club should come forth and volunteer to run traffic back home to the boy's parents. It would be an ideal way to give a valuable service and at the same time gain some good public relations.

At the February meeting I intend to make a motion that the annual fee to join GBARC as a full member be \$3.00 per year for all students under 18, senior citizens, and white caners.

The reason for making this motion is that I feel the club is not so short of money that it can't give these people a break. A case in point is Paul Crozier who attended the last meeting with me. For a twelve year old boy who wants to join GBARC, the annual membership (which basically gives him Feedback) represents two to three weeks income on a paper route. This seems to be far too much and I'm sure a similar case can be made for senior citizens.

73's Cam Thomas VE3CTQ

CB fad needs policing

Citizen's Band radios, widely embraced by amateur communicators in recent years, are dangerously close to being hugged to death. The \$100 gadget came onto the Canadian market in a splash-over of their popularity in the U.S.

Now, it seems, almost everybody has a CB outfit. And between too many people plugging the 23 channels available and irresponsible users broadcasting garbage, the honeymoon is over. Owners having valid reasons for using CB equipment are out of luck; there's so much horseplay on the air they can't get a word in edgewise.

It's a problem for which there is no solution. CB sets are selling like hotcakes everywhere and while licensed at time of purchase, are beyond control by Communications Canada regulations. They are as mobile as mosquitoes and so numerous as to defy attempts to trace ownership in cases of air-wave abuse.

This is in contrast to the position of ham radio operators, whose activities are effectively controlled. Their licences are not sold over the counter, but rather issued after applicants are tested for skill and knowledge.

Consequently, ham radio fans are easily identifiable and well aware that if they are caught fooling around, playing jokes or interfering with other broadcasts, they will be pulled up short. But restrictions of this nature cannot be applied to the fad market in Canada or anywhere else.

So while the ham operators, regulated and of proven capability, enjoy clutter-free transmission bands, the CB fraternity, uncontrolled and at the mercy of some witless enthusiasts, suffers from over-use. Thus we have a classic display of the end result of under-regulation, and it is too late to do anything about it.

The CB phenomenon seems destined to degenerate into a negative experience, its equipment intriguing but having only toy value - an expensive parallel to the hula hoop craze. Were CB fans able to police their ranks and squelch the nonsense, they would have a useful tool at their disposal.

But don't count on it. Grownups who play with gadgets do not like to be told to grow up.

from the Owen Sound Sun Times
and the Edmonton Journal

ANTENNA & FEEDLINE QUESTIONS

(1) YOU REQUIRE A DIPOLE ANTENNA W/ 100 OHM RESISTANCE
A SINGLE WIRE CENTRE FED IS (a) 25 OHM LOSS
(b) 125 OHM LOSS
(c) 12.5 OHM LOSS

(2) THE STUB USED TO MATCH A COAX FEED LINE TO AN ANTENNA IS TO USED TO
(a) CANCEL REACTIVE EFFECT OF ANTENNA
(b) MATCH COAX TO RADIATION RESISTANCE OF ANTENNA
(c) TO ABSORB S.W.R.

(3) STANDING WAVE RATIO IS THE RATIO OF (a) VOLTAGES AT VARIOUS POINTS ON COAX FEEDLINE
(b) POWER INPUT TO FORWARD VS RADIATED POWER
(c) FORWARD FEED LINE POWER VS REFLECTED FEED LINE POWER.

(4) MATCH THE FOLLOWING ANTENNA Z'S

a	GROUND PLANE	1	300- Ω
b	FOLDED DIPOLE	2	172- Ω
c	4 ELEMENT BEAM	3	600- Ω
d	END FED ZEPP	4	60- Ω
e	INVERTED VEE	5	20- Ω
f	DIPOLE	6	15- Ω

GEORGIAN BAY AMATEUR RADIO CLUB
MINUTES OF JAN. 1977 MEETING

The January meeting was held on Thursday Jan. 20th in the CIAG building with 30 present.

The minutes were read and on motion by Dick VE3BIS, seconded by Verne VE3BSF were adopted as read.

Dave VE3DXO introduce the following guests; Paul Crozier of Southampton, Mr. & Mrs. Poole of Southampton, Dave Taylor of Fresherton, Walter Walls of Dundalk and Ed. Small of Proton Station. A hearty welcome was extended to these guests.

Dave brought up the possibility of two new committees of two or three members the first an Equipment Committee and secondly a Field Day Committee. After some discussion as to the responsibilities of each committee it was moved by Jim VE3CRV, seconded by VE3BSF that a Club equipment committee be formed with Ted VE3AEO, Jack VE3DTS and Dick VE3BIS to be the first members of this committee. Motion carried.

On a motion by VE3BIS, seconded by VE3BSF that a FIELD Day committee be formed to be responsible for total organization of Field Day including site and equipment with Ian VE3HIP, VE3EFX and VE3CRV as the first committee

Discussion on the snowmobile rallies that the club will be covering followed. The first being the rally at Southampton on Jan. 22 with Dick handling the arrangements. Dick reported that should the rally be cancelled it will be held the following Saturday. The Snowmobile 100 Owen Sound rally was also discussed by Ian VE3HIP and he requested those persons who would be assisting to let him know in order that a schedule could be drawn up.

Jim VE3CRV gave a report on the Xmas party showing a deficit of \$76.00. On a motion by Bill VE3EFX, seconded by Jack VE3DTS treasurer was authorized to reimburse Jim in this amount. Carried.

A discussion was raised regarding buttons with the club name and Mr. & Mrs. Poole stated they could supply these at an approx. price of 60 cents each.

It was moved by Jim VE3CRV, seconded by VE3HIP that the club order 100 buttons of acceptable design and sell same to individual members for \$1.00 profit to go to club funds. Carried.

Cam Thomas brought up the possibility of the club adopting a student membership fee but after some discussion it was decided this would require an amendment to the by-laws. Cam served notice of motion to amend the By-Laws to establish a student membership fee to be presented at the next general meeting.

The possibility of holding a Flea Market was discussed and left over for a future meeting.

Coffee and donuts were available. Bill VE3EFX brought along a number of items to be auctioned off with Dick acting as auctioneer. Many members went home with some excellent gear at reasonable prices. Meeting Adjourned 10:00 P.M.

Financial Report Bal. ~~144.59~~

6265.44

Gy VE3DQA