

Nov 2000

FEEDBACK



The **OFFICIAL** Newsletter

of the

Georgian Bay Amateur Radio Club Inc.

P.O. Box 113, Owen Sound, Ontario N4K 5P1

GBARC Meetings are held on the 4th Tuesday of every month except July and August in our CLUBHOUSE, Unit 6 Rockford Plaza, Rockford On. 5km S of Owen Sound. 7:30 p.m.

Breakfast Anyone?

Any Saturday 9:00 a.m., at the Rockford Esso.

Nets

80 metre net on Sunday at 9:30 a.m. on 3.783 Mhz.
Two metre net on Thursday at 9 p.m. on VE3OSR 146.94-Mhz.

Submissions

are always welcome. Send them to Tom VE3TSA



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President

Bernie
VE3BQM



**Vise-
President**

Bob
VE3XOX



Secretary

Susan
VE3TLK



Treasurer

Bob
VE3LKD





Message from the President

Hello Everyone

Let it snow let it snow let it snow, Santa requires snow November 18, he will be landing in Owen Sound and joining everyone for the Christmas Parade, with the help of your high tech equipment, Santa will have a safe journey in our City to see all the kids.

Our reward to end a great successful year will be held December 10, Christmas Dinner and social. Did you get your ticket yet, Jim CJM indicated that the seats are going fast. I bet you are looking forward to see who is voted the Amateur of the Year, good luck to all candidates.

Shop until you drop, and don't forget to send Santa that special list, if you don't think you deserve that new radio for yourself , request it for your significant other, well it worth a try.

Winter, not that 4 letter word again, SN@#, you will find it everywhere out there, that stuff will bring fun for the kids, but on the roads well, we all seen it, getting stuck or fender benders, don't forget to winterize your car and plan ahead so that you don't have to rush anywhere. If you need road condition prior to leaving, give a call on the radio, I'm sure you will get an update.

If you have something planed for the New Year, share it with the rest of us. I would like to hear your New Year resolution, like getting your 5/12 words CW, or advance qualification, being part of the executive, making that new antenna or just making it to the next day. Then together we can help, that what your club want to do for you.

See you all at the last meeting for 2000 on November 28.

73 ve3bqm

Thanks
Bernie Monderie



GEORGIAN BAY AMATEUR RADIO CLUB

Minutes of meeting, October 24th, 2000

Meeting was called to order by President Bernie VE3BQM at 7:30 P.M.

Pierre Mainville, VA3PM, made a presentation on "Emergency Traffic Handling". A question and answer period. He was thanked by Bernie VE3BQM.

Old Business

The Treasurer's Report was presented by Bob LKD. There is a balance of \$3,569.37 in the bank, with \$1,905.22 after the cheques are cashed. There was one new membership. Bob LKD asked whether the membership wanted to keep the same insurance company or to do a comparison. Moved by Joe JNA and seconded by Jim CJM that we keep the same insurance company. Motion carried.

Moved by Bob XOX and seconded by Jack SEA that we pay the insurance bill of \$405. Motion carried.

Moved by Jim CJM and seconded by Joe JNA that we pay the RAC membership of \$39.95. Motion carried.

Moved by John JRF and seconded by Joe JNA to accept the minutes of the September meeting. Motion carried.

The Scouts, JOTA, and BBQ was a success with a good turnout. Contacts were made on HF and 2 meters e.g. with other scouts. Some construction was done. Mike Latimer MJL will be sending a report to Scouts Canada and will be giving us a copy. Bernie BQM thanked all the Club members who participated.

The Club will be putting a greater effort into the area of publicity e.g. our listing in Owen Sound's Community Guide. Bob XOX will put our ads in the paper.

The CW Net has 5 participants and is going well. They are presently meeting Monday, Tuesday and Wednesday at 8:30 p.m., although, this could change if necessary.

We are still looking for a company to produce a good quality crest at a reasonable price.

New Business

Congratulations to Gene IJD who won \$20. In the 50/50 draw.

Club members may be interested in patrolling their local area on October 31 to watch for children. Report any problems to the O.P.P.

Peter Little from the Kiwanis Club has again asked us to supply communications for the Christmas Parade on November 18. Meet at 9:00 a.m. at the Liquor and Beer store on Second Avenue East. The parade begins at 10:00 a.m.

The Telesat tour is on November 4. Breakfast is at 8:00 a.m. and the tour begins at 10:00 a.m.

There was a discussion on the proposed Constitution and Bylaw changes.

Proposed changes to the Constitution and Bylaws were revised by Tom VE3TSA. This motion to accept the changes was made by Jim CJM and seconded by Joe JNA. to be voted on at the November meeting.

A motion was put forward by Grant. The motion was as follows: "As well as a full membership fee of \$100., there would be an alternative associate fee, without key privileges available. This would be a basic membership so that a member could come to the special events etc. An association membership would not have a vote". This motion was tabled from the September meeting and voted on at the October meeting.

Motion was seconded by Jerry HDH. Motion was defeated.

Jim CJM talked about the Christmas Party to be held at the Clubhouse on Sunday December 10. There will be a social time prior to 4:00 p.m. and a turkey dinner at 4:00 p.m. The cost is \$5. per person in advance.

The Amateur of the Year award will be presented on December 10. The person will be selected through secret ballot to be voted on at the November meeting.

The meeting was adjourned at 9:40 p.m. Motioned by Bob LKD and seconded by John JRF.

The next meeting will be on November 28, 2000 at 7:30 p.m. at the Clubhouse.



JOTA 2000

Here are a few shots from this years Jamboree On The Air. As you can see, there was a good turnout and everyone had an enjoyable time. The kids were busy with experiments, contacts on the air, packet radio, antennas and of course supper, pot luck and very nice. Thanks to all who participated and helped out.





AMATEURS PROVIDE INVALUABLE SERVICE - PINE LAKE TORNADO

VE6DXX

(Thanks to IARU Region 2 News)

Canada is not famous for tornadoes but each year it is estimated that about 20 tornadoes touch down in the Province of Alberta (VE6) in Western Canada. Most touch down harmlessly on farm land and do little damage. Not so in the case of the tornado which devastated the Green Acres Camp site near Red Deer in Southern Alberta on 14 July 2000.

At 7 PM, following a tornado warning some 45 minutes earlier, a tornado touched down just West of the Green Acres campsite on Pine Lake, some 25 km SE of Red Deer. The camp was full with 1100 people in Recreational Vehicles. Shortly after 7 PM a 250 metre wide tornado hit the campsite with winds estimated to be over 300 km/hour; the devastation was total. Initial calls were to the Royal Canadian Mounted Police (RCMP) who then called the Canadian Red Cross. Exactly 2 hours after the tornado had struck radio amateurs had set up a mobile repeater on the site and had started to provide assistance. The Pine Lake area is a difficult area to cover by fixed professional radio networks.

Eleven people were killed by the tornado and over 100 hospitalized. Radio amateurs were on the scene providing assistance for the next 7 days.

All in all, radio amateurs, working primarily with the Canadian Red Cross, had provided communication to: a) help traffic control and ambulance coordination, b) provide communication between the Red Cross and other agencies, c) coordinate food and water and essential supplies to professional and volunteer workers involved in the clear up operation, d) man the inner check point to the site which included the registration of all people going into and out of the site, e) help the Red Cross put relatives and friends in touch with loved-ones and f) coordinate teams searching the local area for debris.

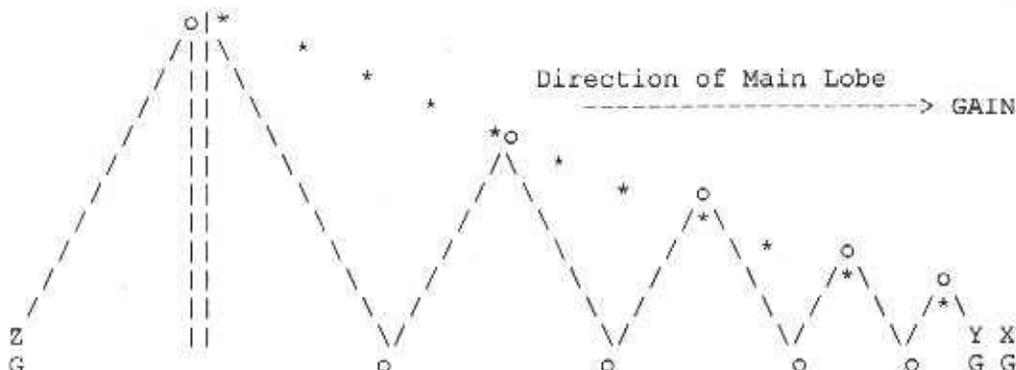
Once again radio amateurs had used their skills with mobile and portable radios, in conjunction with fixed and mobile repeaters, to provide an invaluable communications service to the community for which all those involved are to be congratulated.

This Explains It.



 THE ZIG-ZAG SKYWAVE ANTENNA

Featured in the March, 1992, issue of RF DESIGN magazine, an article by Bernard Feigenbaum, A FIELD EXPEDIENT BROADBAND HF ANTENNA, shows how to make a log-periodic antenna for shortwave! THAT'S RIGHT, a log-periodic, which means several dB of GAIN over a very wide bandwidth. Yet about all you need are a hefty length of copper wire, something like a flagpole or a tree or anything with some elevation to it, and a hank of nylon cord or other insulated rope. Here's what the danged thing looks like, if I can draw it right for you:



Note: Space does not permit the display, but there are seven points "o" at ground level and eight above ground. In other words, there are eight "triangles" in the featured antenna while only five are shown above.

Not shown is a simple three-legged ground counterpoise which starts at Y and fans out approx 30-degrees along the length of the antenna. The middle counterpoise wire runs straight between the G below the Y to the G below Z. The other two fan out slightly on either side of the antenna over its length.

Legend:

- || = Mast, tree, chimney top, anything with some height, say 40' & up
- \ / = Continuous length of copper wire
- * = Nylon cord or rope, insulated
- Z = Termination resistor, roughly 400-600 ohms
- = Ground level
- o = Insulated hangers to support wire
- Y = 9 : 1 Broadband Impedance Matching Transformer
- X = Transmitter, Receiver or Tansceiver
- G = True Earth Ground Connection

The far end of the Zig-Zag Skywave Antenna is terminated in the characteristic impedance of the antenna, typically 400-600 ohms, to ground. The feedpoint at the short end is matched with a 9-to-1 Broadband balun and fed with the transmitter or receiver of choice. No portion of the wire is permitted to be grounded except through the termination resistor at the far end and the balun at the feedpoint. The broadband gain of the antenna is reputed to be around 3-dB which greatly exceeds that of a random longwire and most trap dipoles. The Gain Bandwidth is at least 2-30 MHz.

From The Mailbox

THE BRUCE AMATEUR RADIO CLUB NEWSLETTER

IS NOW POSTED 73 DE JIM COVERLEY VE3OVV

<http://www.brucearc.on.ca>

THE RADIO H.F. INTERNET NEWSLETTER

<http://www.anarc.org/cidx/radiohf/index.html>

Congratulations to Dudley KF2FE, who now has a Canadian call, VA3DLB.