

Sept 2001

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., a mile south of rockford at the 6 & 10..west side of road...

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



This Month

**Message from the President
(Flowerpot Island)**

Field Day 2001

Terry Fox Run

How we send a Telegram Part2

President
Bernie
VE3BQM



**Vise-
President**
Bob
VE3XOX



Secretary
Susan
VE3TLK



Treasurer
Bob
VE3LKD





Message from the President

Bernie VE3BQM

Hello everyone

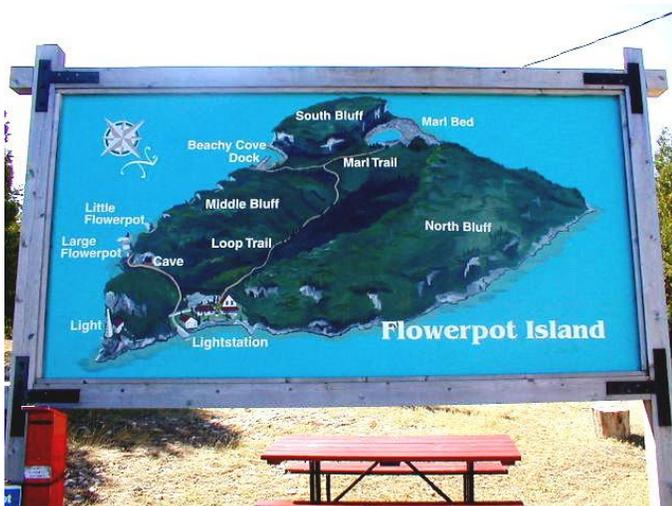
Flowerpot expedition was a great time, all the attended or visited enjoyed the weekend of August 4,5,6. The Island received over 500 visitors each day and many past by our operating station that was located on a picnic table on the pathway near the lighthouse residence. Many stopped and asked questions regarding our function and this displayed a great interest from the public. A list of contacts was displayed. The tour boats also gave us publicity when passing by our location instructing the passengers of our event each day. The contacts made were logged, and now the mail will roll in. The Team of operators and the hosts shared the food, the BBQ fish was great, and there was no shortage of anything. The Station operated on batteries the whole weekend and the generators were only used for the refrigerators at different times. Our antenna was a home made long wire, in the same arrangement as the one at the clubhouse, and we also used a vertical for other contacts.

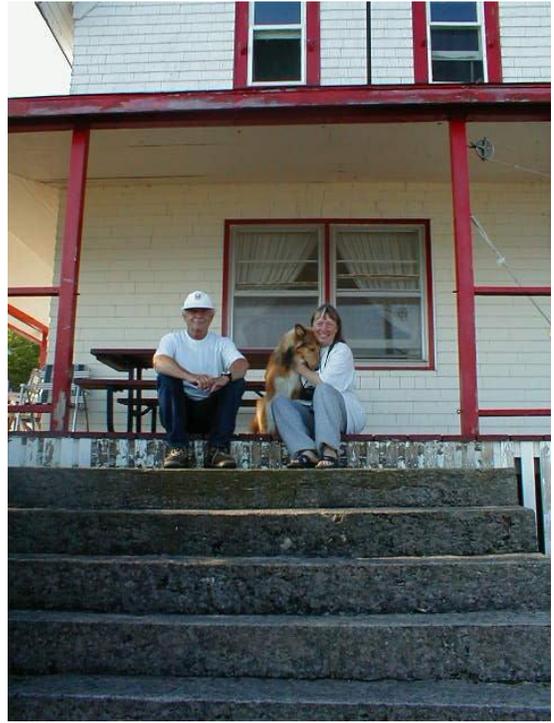
The hosts also invited us to return next year, so if you would like to take part, let us know, it was fun. We were lucky that our transportation was to the door on arrival, but the return was a small portage to the big flowerpot due to the wind direction. The generator and big stuff was sent back the night before, thus avoided the portage.

The Terry Fox run was a success again this year. Gene ve3ijd ran 15 kms this year and was supported by volunteer helping with communication around the perimeter of Harrison Park in Owen Sound. Present was ve3bqm, ve3wnw, ve3tww, va3bbd, va3aeg, ve3seg, va3wbg, ve3lkd, va3drb, ve3tuq, ve3xox, va3xox, va3zon and ve3hxx. With your help, the safety of the runners was maintained and appreciated.

Bernie VE3BQM

**Here are a few shots by Jim VA3CJM
of The DXpedition weekend at Flowerpot Island
August 4th, 5th and 6th 2001.**





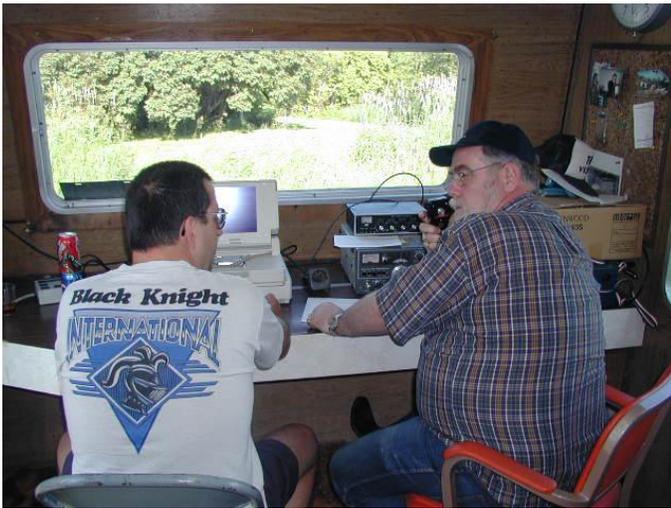


Field Day June 23rd & 24th 2001

We had planned on having a meeting at the field day site but we ate first then nobody felt like having a meeting.
Should have known that hi. The food was plentiful and delicious. Guess we better remember that for next year.

The pictures below record some of the activities during field day. It was a nice dry warm weekend, there weren't too many bugs and there was a good turnout. We made 73 contacts on 80m, 117 on 40m and 302 on 20m. All that said that works out to a point total of 984 which I submitted to ARRL . About par for the course for GBARC, but we go out to have fun. We took Ian's 20m beam down, repaired it and put it back up while we were there. We replaced some coax and repaired a connection on the driven element. This beam weighs some 150 lbs so it took a few guys to maneuver it up and down the tower. We also had the use of the Sydenham Sportsmen Association trailer again this year. Many thanks to them.





TERRY FOX RUN 2001



After training since May 2001 the day had finally arrived. A nice cool morning, September 16, 2001 would prove to be a great day for running. The first of 16 Ham radio enthusiasts arrived shortly after 8 am and started to organize the group as they came in. This year we also would be handing out water at 2 locations to the many walkers, runners and bicycle riders who travelled the paths around Harrison Park in Owen Sound. One lap around the course is 5 kilometres. I had never run more than 10 k in my life and that took me 55 minutes. With so many friends cheering me on I had completed 2 laps in just under the 55 minutes. My breathing was steady and my heart rate monitor told me all was fine for another lap. So as I rounded the path past the start / finish I signaled my wife Randy and Ian in his wheelchair that another lap was about to fall and after a total of 1 hour and 28 minutes I had completed 15 kilometres,, a new personal best. And the great news is that the Terry Fox Foundation fund will be about \$1500 heavier. If you would still like to donate I can be reached at Gene McDonald, RR 4 Tara,, N0H2N0 and can accept cheques addressed to The Terry Fox Foundation until October 17, 2001

I want to personally thank all the Amateurs who came out to help with the Run,, and thank you also for your financial support which drove me to run on. I don't know how many miles I've had to go to get to this point but it sure was worth it.

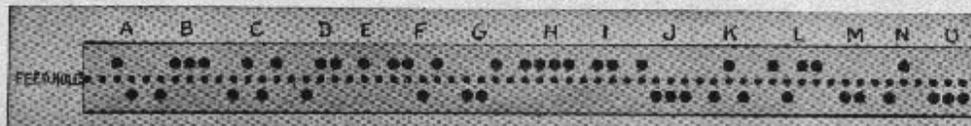
Gene McDonald,, VE3IJD

How We Send a Telegram Part 2

THE SENDING OF A MESSAGE



This shows one of the telephone switchboards in the central cable office in New York, where thousands of cablegrams are received from business houses and homes to be transmitted to all parts of the world.



This shows the cablegram being prepared for cable transmission. A paper strip, perforated by the operation of the typewriter keyboard, is passed through the automatic transmitter at the left. This transmits from the perforations in the tape directly in the cable. Inset is a piece of the perforated strip.

Unless otherwise accredited, the photographs in this article are used through the courtesy of the Western Union Telegraph Company. Some of the photographs are by Underwood & Underwood.

More likely he will not be able to send more than twenty-five. In fact, on account of the inherent slow speed of the Morse system as compared with the later and faster automatic systems, the Morse system practically confines its use now to short circuits acting as feeders to the longer trunk circuits. For example, the Morse system might be used between two nearby towns of only a few thousand inhabitants, but between New York City and Chicago the higher-capacity automatic-printer system would be used.

If a message for San Francisco were filed not far from New York, it might first be sent to New York City by the Morse system and then sent by New York over the high-speed printer circuit, being automatically repeated without further manual handling and printed directly in Roman characters at San Francisco.

In all of the larger offices in America there are printing-telegraphs. The operator sits before a machine very much like a typewriter, the keys of which operate five small punches, a definite combination of these five being assigned to each character. These punches perforate holes in a narrow paper strip or tape. The tape then passes into the transmitter, which

sends out the electric impulses to the station to which the message is to go. The impulses, as received there, operate a typewriter which prints the message in

Roman characters on gummed tape which is pasted on telegraph forms ready for quick delivery. A machine of this sort may send as many as 125 messages an hour, which is more than twice as many as can be sent by key and sounder.

You do not find these multiplex machines in small offices, such, for example, as those located at the railroad stations in small towns.

Perhaps the greatest wonder of the telegraph line is the fact that several

messages can be sent at the same time. Four messages can be traveling over one wire at the same time from Quebec to New York, while four others are coming at the same time over the same wire from New York to Quebec. Approximately 500 messages an hour are handled in this manner. This is done by a marvelous piece of apparatus which acts in an almost human manner to guide each mes-

sage to its proper printer in one direction and similarly to direct those messages coming in the opposite direction and to prevent head-on collisions between them.

	MORSE	CONTINENTAL		MORSE	CONTINENTAL
A	---	---	T	---	---
B	---	---	U	---	---
C	---	---	V	---	---
D	---	---	W	---	---
E	---	---	X	---	---
F	---	---	Y	---	---
G	---	---	Z	---	---
H	---	---			
I	---	---	1	---	---
J	---	---	2	---	---
K	---	---	3	---	---
L	---	---	4	---	---
M	---	---	5	---	---
N	---	---	6	---	---
O	---	---	7	---	---
P	---	---	8	---	---
Q	---	---	9	---	---
R	---	---	0	---	---
S	---	---			

The Morse and Continental Codes.



The pneumatic tubes leading to city branch telegraph offices.

From The Mailbox

ZEROBEAT

THE BRUCE AMATEUR RADIO CLUB NEWSLETTER

IS NOW POSTED 73 DE JIM COVERLEY VE3OVV

When in Barrie stop in at the **Barrie Amateur Radio Club Meeting**

Georgian college, Rowntree Theatre

Date: TBA Time: 7:30 PM

73 de ken ve3kpp