

# ***FEED BACK***

**GEORGIAN BAY AMATEUR RADIO CLUB NEWS**

**EDITOR** Bill VE3EFX

## **January 1975**

### **Executive**

President Jim Vamplew VE3CRV

Vice Pres. Dick Shave VE3BIS

Sec. Treas. Cy Weaver VE3DQA

The December meeting was attended by twenty one people including two visitors, Paul VE3GVY, and Peter Bowers , XM-45678 . The treasurers report showed a total of \$148.40 in the kitty. It was agreed that the treasurer be allowed to pay a bill up to \$10 from the club funds and present a statement at the next meeting.

The monthly draw was won by Cy , VE3DQA, who took home a box of assorted parts . A VHF receiver was donated by Walt, VE3FFN, and tickets were sold at 25c for this draw, the proceeds going to the club. Terry, VE3CAB, made the draw and promptly pulled his own ticket from the hat. As this has happened twice in succession we plan to have a draw to see who makes the draw next time.

There is to be a repeater Council meeting on Jan. 11th in Niagara Falls and we hope to have OSR representation there. Walt, VE3FFN, moved that the club buy a book to be signed by all those attending meetings and this was agreed upon .

Terry, VE3CAB, had the first emergency call through OSR on his way to the meeting when he came upon a child who had been hit by a vehicle. Police and medical aid had been called however and no further assistance was needed. VE3HIN was also involved when he answered the call.

The results of the club contest were made public and the scores of the four entries are:

RICK, VE3HIO 28

MIKE. VE3HIN 26

TESS, VE3HIR 23

IAN, VE3HIP 16

Rick will be presented with the winners cup, suitably inscribed at the January meeting. All participants are to be congratulated for their efforts.

This month I am starting a Worked All States table for those who are going for the certificate. It is open to all , so send me your worked / confirmed totals and I'll print them each month.

VE3HIR 31 worked 20 confirmed

VE3HIN 30 worked 11 confirmed

VE3HIO 22 worked 8 confirmed

VE3HIP 13 worked 12 confirmed

It should be quite to easy for anyone to work all States in their first year of operation. The novices are available and will usually QSL very quickly, so it doesn't take long to run up a fair score. Collecting certificates is a good way to get operating experience and have something to show for it too. In this issue of the newsletter I'll include

a list of States and a list of the Ontario counties so you can mark them off as you work and confirm them.

In the November issue I included a membership application form with instructions to send it in to the Secy. with your dues by December 31st. In the December issue I put in a reminder about the dues and the incredible thing is that I hear people asking . 1. When are the dues to be in ? 2. Where do I send them ? and 3. What is the address of the club ?

This indicates to me that these individuals don't read the newsletter or don't understand English. There is no doubt in my mind that if I were to print an announcement of a \$500 prize to the first ten people to send in their dues, everybody would get the message even if it was written in Swahili. There seems to be a mental block when it comes to spending money but all channels are open if money is coming in, If you are reading this you filled in the form and paid the dues, so if anybody complains about not getting this issue, they can blame themselves. for failing to send in the form.

The next club meeting will be held on January 16th at 8pm in the C.I.A.G. computer building. We expect to have a movie and there will be final plans for our participation in the Snowmobile Marathon put on by the Southampton club on Jan .25th. We need all the 2m mobiles that we can get for this in order to get experience for the one on Feb. 2nd in the same area.

Conditions on 20m and 15m are good these days. Very often Africa is heard in the afternoon on 20m and VE3EFX got into ZE6, 6W8, and EL8, on Dec. 26th. The 30m band has been good too with ZS6, ZS5, HI8, CT1 and UK5, coming in at night.

## **VE3OSR - AS I SEE IT**

by Terry VE3CAB

Our 2m repeater is now just over a year old. We all have used, or at least listened to it at one time or another. If it wasn't for VE3OSR the amateurs in this area would not be as united or as active as they are today. Even though I am new to the 2m syndrome I would like to pass along to the other GBARC members some facts about VE3OSR, beginning with a brief history. The repeater was first installed Dec. 26th 1973 at Woodford on the Grey County tower by a crew which was just recovering from Xmas. The crew consisted of VE3CC, 3B1S, 3CRV, 3DTS, 3HGQ, 3DIQ, and 3CAB. At that time the Rx and TX antennas were installed at the 120' and 80' levels respectively, the base of the tower being at 1225' ASL. The repeater identified for a time as VE3CRV until our assigned call, VE3OSR, was granted.

The XMTR antenna has since been raised to the 155' level on the tower. On Nov. 9th / 74 the RCVR antenna was raised to the 185' level, These alterations improved communication throughout the rugged terrain of Bruce and Grey counties as well as mobile communication within the city of Owen Sound. The reliable range of our repeater is contained within a 30 mile radius of the site. This means that reliable communication can be achieved anywhere within this range , but it can also be carried out beyond this range if careful location of the mobile with regard to the repeater is followed. eg: on high ground, away from metal obstructions etc. I worked the repeater quite well from Barrie which is 46 air miles from OSR. .

The logic (brain) of the repeater controls the most important part of the system. Time out of the repeater or "shutdown" will occur if anyone talks for four minutes or more without letting the tail drop. At the 3,5 minute mark the identifier will come on and from the end of the ID you only have 30 sec. to let the tail drop or the repeater will shutdown. Should the repeater shutdown, it will not reactivate till 4 min. after the offending carrier is removed. Therefore if someone accidentally leaves their XMTR "on" they would shut down the repeater after

4 min. and lock out the system to everybody until they released the carrier or their final went up in smoke . Many mobiles are visiting the coverage area of OSR even though skiing is poor just now. I worked 3FOK, 3CAQ, 3HFP, 3ARV, 3FHM, 3GOT, and 3AWB, all mobile one weekend in the region. A big hand should go to Jim VE3CRV who maintains the system and contributes much time and effort to it. All of us have learned a great deal in the operation of OSR and an all important asset is the unification and flurry of activity the repeater produced among the local hams.

UNITED WE STAND DIVIDED WE FALL.

The novice question this month is

## How do I handle formal traffic?

Each message originated and handled should contain the following parts in the order shown.

eril i handling Instructions Stn of (i5~bilei

1. number
2. Precedence
3. Handling Instructions
4. Station of origin
5. Check
6. Place of origin
7. Time Filed
8. Date
9. Address
10. Text
11. Signature .

The numbers will be consecutive starting with one ,

The precedence will normally be R for routine but other precedences are by Emergency and Priority to be used as required. The HX handling instructions, are used by the originator to convey special instructions. A list appears in all ARRL log books.

The station of origin is self explanatory.

The check is the number of words and numerals in the text only.

The place of origin is self explanatory

The time filed is the time the message is received at the station from which it is to be sent, Use GMT.

The date is the date the message was filed at the originating station.

The address should be as complete as possible

The text should be written as received with no abbreviations substituted,

The signature should be the name of the person on originating the message.

Then counting words in a message follow these illustrations.

J. L. Doe 3 words

New York City 3 words

NYC 1 word

6BZ6 1 word

VE3EFX 1 word

twenty one 2 words .

ARRL logs contain a list of ARRL numbered radiograms. These consist of ARRLplus a number.

Try to get a few messages on the nets during the SET and if you can monitor the local nets you may be able to take a message for your area. For instance if you picked up a message on ONTARS it could be relayed Via the repeater to someone that would be able to telephone it in to it's destination. Even if you are on cw you can still check into phone nets and the net control will be happy to unload some traffic if you are prepared to handle it.

If you don't feel confident to handle it yourself , monitor the nets and alert other operators in the area via the repeater if traffic is on the net for your location .

You will be hearing a couple of new prefixes on the bands now that the New Year is in. The stations in North Bay are celebrating the 50th anniversary of that town being incorporated as a city, by signing with the prefix XQ in place of VE. The North Bay Club is offering a certificate to amateurs who contact 15 of the XO stations this year. Send your log data and a 10"by 8" stamped envelope to  
N.B.A.R.C.

Box 624

North Bay.

The city of Calgary is celebrating it's 100th birthday this year and the amateurs there are using the CY prefix. The Calgary club is offering a certificate to those who contact 20 of the CYG stations. Send your log copy to

Century Calgary Award

Box 592

Calgary T2P 2J2.

If you don't have the Calgary Stampede Award you can kill two birds with one stone and ask them to send it as well. You only need 15 contacts for that one. If you are on CW don't hesitate to call stations on fone as they'll be pleased to give you the contact. QSL addresses are the same for these stations, only the prefix is changed.

I heard a station signing CHI the other day so this could be a new Maritimes call.

Remember the GBARC net Sundays on 3.733 mhz at 14.30Z that's 09.30 EST. CU there

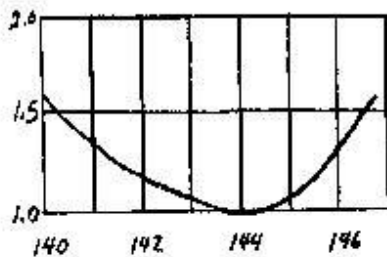
The North Bay club net is at 11.00 EST on 3.740mhz each Sunday, so if you want to catch those XO stations it may be a good place to look.

Thank to Terry VE3CAB and Verne VE3BSF for their contributions to the newsletter, I am always pleased to get material from other people. Some 2m G.E. Prog Line rigs will be available to club members very soon at \$35 which is a very reasonable price, and the conversion is a simple job. These are mobile rigs and if the one I saw is anything to go by, they are in first class condition. I am taking delivery of SIX only, so if you are interested let me know.

Just room to wish one and all a HAPPY NEW YEAR and good DX in 1975

GEORGIAN BAY AMATEUR RADIO CLUB - 1975 MEMBERSHIP

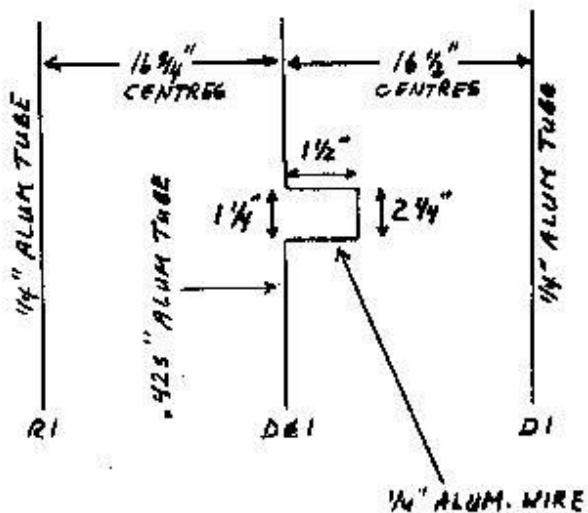
NAME	CALL
KEN ANDRAS	VE3UU
JIM COOPER	VE3CR
BRUCE McCREATH	VE3EAR
JOHN MENZIES	VE3GLR
IAN TRENHOLME	VE3HIP
W.J. DOAKES	VE3DIQ
WALTER STOYKO	VE3FFN
ALEX McMILLAN	VE3FTW
CY WEAVER	VE3DQA
DAVE DIXON	VE3DXO
BILL COX	VE3HGQ
JIM VAMPLEW	VE3CRV
WM. HARDIE	VE3EFX
TESS HARDIE	VE3HIR
HARVEY SMITH	VE3FOT
JIM MILLAR	VE3HKV
J. HERTZUM-LARSEN	VE5HW/3
BILL COWAN	VE3BZF
HANS DORNBUSCH	VE3GN
P . BERNARD	VE3GN
IAN SUTHERLAND	
DAVE SCHEFTER	
RICK SLACK	VE3HIO
MIKE SLACK	VE3HIN
VERNE BOHLENDER	VE3BSF
JACK AVIS	VE3DTS
TERRY DARLING	VE3CAB
BOB PATTISON	VE3GVD
McMICHAEL	
MIKE SMITH	VE3CHS
WM CRUICKSHANK	VE3NX



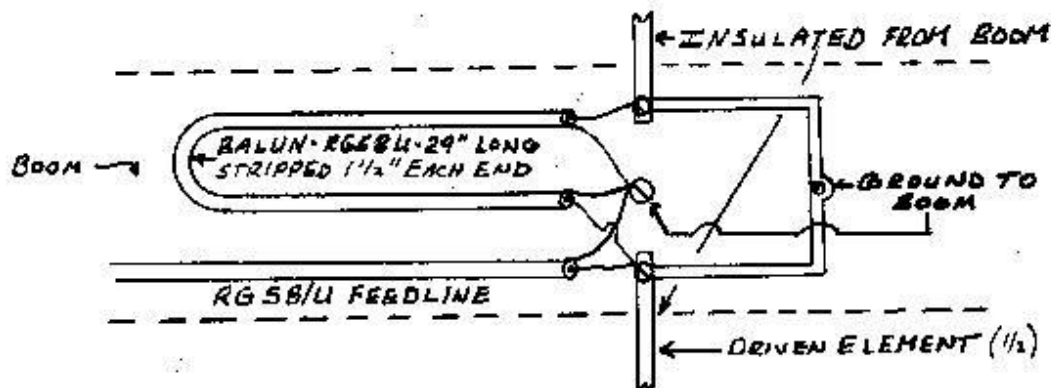
TYPICAL SWR CURVE

	144	146	148 MHz
R1	44"	43 7/8"	42 7/16"
D1	34 1/2"	34"	33 1/2"
DE1	17 3/4"	17 1/2"	17 1/4"

CUTTING CHART



ANTENNA DIMENSIONS



BALUN/DRIVEN ELEMENT DETAILS

## 2 mtr Antenna

Thanks to Jack, VE3DTS for this info.

### Mechanical Specs.

Boom Length 43", longest element 44",  
net weight 1.5 lbs, Turn Radius 46.5",  
Wind Survival 100mph

### Electrical Specs.

Gain 10db, Front to Back 25db,  
swr at Resonance 1.05:1,  
Maximum Power 1Kw

Boom is 43" long. The antenna mounts  
at the rear of the reflector. The distance  
from the reflector to the end of the boom is 9".

Feedline other than 52 ohm will need a  
special balun made of specs from the  
Amateur Handbook.