

FEEDBACK

April 2000



The **OFFICIAL** Newsletter
of the
**Georgian Bay
Amateur Radio Club** Inc.

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

<http://greynet.net/~gbarc>

GBARC meetings are held on the 4th Tuesday of every month except July and August at the Georgian Yatch Club, 2475 3rd Ave West, Owen Sound.

Breakfast meetings are held at the Rockford Esso at 9:00 a.m. every Saturday.

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 va3ts@rac.ca

This Month

Minutes of the last meeting March 28th, 2000

The Presidents Report

Local Repeaters

RF Sniffer with tone output

80 Metre Net Schedule

New Mexico hams stay on the air as most of the state goes dark.

Crest Submissions

Mailbox



GEORGIAN BAY AMATEUR RADIO CLUB

Minutes of meeting, March 28th, 2000

Meeting was called to order by Acting President Bernie BQM at 1930 est . John JRF made the Motion to accept minutes as written. Seconded by Joe JNA. Carried. The Treasurer Jim CJM, reported a bank balance of \$ 3,422.37.

OLD BUSINESS

Brad RHJ indicated the deadline was closed to set up in the Blue water Science Fair. We are welcome to participate again next time.

Bernie was contacted by a bike club for radio communication. www.touring.brauns.com is the web site to find out more about the club. Bernie will find out more information on date and exactly what kind of radio communication they will need. Tabled until next meeting.

The CANWARN training session is in Orillia. To be held on Saturday, April 8, 2000. Anyone wishing to attend can register for that.

Joe JNA will look into the price of the crest for the club. Ideas and suggestion are welcome for ideas on a new crest or making changes to the present crest. The cost of original crest is about \$ 4.50 and the one new consideration submitted last meeting by Jim CJM would cost approximately \$ 2.50. This was tabled for further discussion at another meeting.

NEW BUSINESS

Nominations committee Gary IOD and Jim CJM to bring for next meeting.

Motion on the floor by Tom TS and seconded by Bob XOX. Reads as follows:

Motion: This motion empowers the executive, to cause to be rented on behalf of the Georgian Bay Amateur Radio Club, the proposed clubhouse in Rockford, Ontario, (the rent on the unit is \$4210 (April 1, 200 – March 31, 2001) including utilities and GST. Hydro overrun will apply if more than \$29/month is used) and to levy a key fee of \$70 per full member effective immediately.

A lengthy discussion followed the motion and everyone present was given the opportunity to ask questions and/or give their opinion on this idea.

After much discussion, the vote was conducted by written ballot. The results were a total of 32 ballots were counted and verified against the membership list. 23 acceptance and 9 rejections. The motion was carried.

The winner of the 50/50 draw was Joe JNA winning a grand amount of \$ 20.00.

Moved by Henry UWD the meeting be terminated at 2140. Seconded by Joe JNA. Carried.

April 25, 2000 next meeting. Location to be determined.

The President's Report



Hello to all

This question is in your mind, when can we use our clubhouse. The equipment is not set up yet, but the meeting room is available to be used at any time, check out the map on the wall, each members QTH is located on it, bring yourself a coffee, relax and invite a frequent contact to join you.

The radio room is under construction, some changes are still to be performed, like relocating the radio room door allowing more area for a workbench and wall space, electrical outlets, wiring need to be installed. We have some materials on site donated or on loan by multiple members, Thanks.

Shelving or shelving unit is something that is still required, your books needs a place to be stored for quick access. If you have something available and think it can be used, let us know, we may find some way of using it.

Tower?, we may be in luck, there was a tower on that site previously and the base may still be there, some digging involved to locate it, then a 56 ft tower, acquired by a group of member, will be located at the site in the near future.

So far, 27 members paid the levy, you may not have the key yet, but Jim VA3CJM will find a way of getting it to you. We also gained 5 full members, and 1 associate, welcome to GBARC.

In light of this, we also lost 3 members, their resignation will be felt by all of us but they are always welcome.

The Field Day event is next on the list for June, this event will be located at Gene VE3IJD this year. Do you have experimental antenna's or other types of questions, join us, lets have fun.

I want to welcome you all to our first meeting to be held at the new GBARC clubhouse in the Rockford Plaza, April 25, 2000, 7:30 pm, this will be very exciting. Topics: Executive nomination, you can be on this committee, your voice is very important. Field day arrangement. Clubhouse setup requirements.

It's your Club, enjoy it. Bernie, VE3BQM

LSR25@opac.on.ca

LOCAL REPEATERS IN OUR AREA

Callsign	Frequency	Location	OWNED AND OR OPERATED BY
VE3RBT	145.11 -	Hanover	- ALLEN PARK TELSAT SATELLITE GROUP
VA3CAX	145.29 -	Markdale	- RANDY VE3TUH
VE3TIV	146.61 -	Kincardine	- BRUCE AMATEUR RADIO CLUB
VE3RAN	146.64 -	Proton Station	- WALTER VE3FFN
VE3XTX	146.73 -	Rockford	- JOHN VA3JRF, GENE VE3IJD, NICK VE3MWU, BOB VE3XOX. WITH TECH. HELP FROM THE FOLLOWING PEOPLE - RANDY VE3TUH , DON VE3IDS WITH THANKS FOR THEIR SKILLS AND KNOWLEDGE. * <u>REPEATER LINKED TO VE3ULR SOUTHERN ONTARIO REPEATER LINKING SYSTEM.</u>
VE3MTR	146.79 -	Collingwood	- BLUE MOUNTAIN AMATEUR RADIO CLUB * <u>REPEATER LINKED TO VE3ULR SOUTHERN ONTARIO REPEATER LINKING SYSTEM.</u> * <u>REPEATER HAS PHONE PATCH</u>
VE3PER	146.82 -	Port Elgin	- PORT ELGIN AMATEUR RADIO CLUB * <u>REPEATER LINKED TO VE3ULR SOUTHERN ONTARIO REPEATER LINKING SYSTEM</u>
VE3OSR	146.94 -	Owen Sound	- GEORGIAN BAY AMATEUR RADIO CLUB LTD. * <u>REPEATER HAS PHONE PATCH</u>
VE3WWD	147.195 -	Whitechurch	- BRUCE VE3EAR * <u>THIS IS THE OLD PACKET NODE LOCATION OPERATED BY THE GANG IN GODERICH.</u>
VE3TDV	147.375 -	Meaford	- DOUG VE3TDV * <u>REPEATER HAS PHONE PATCH.</u>
			NOTE: AT THIS TIME THERE THERE ARE TWO 70 CM MACHINES IN TEST. THEY ARE LOW POWER AND LIMITED COVERAGE. VE3OSR IN CHATSWORTH AND VE3JRF IN TARA. FREQ. TO COME.

Thanks to Bob VE3XOX for the above info.

RF Sniffer with Tone Output

Here is a neat Sniffer designed by Don, KF6GQ. It produces an audible tone which rises in frequency as the signal gets stronger. It uses 5 transistors and a 555 timer IC. For a 1 Watt transmitter, sniffing range is about 225 feet using a 3 element Quad beam, or about 100 feet with a 1/4 wave spike antenna.

The Zero Adjust pot is used to set the tone frequency when there is no RF. With knob, field adjustable. The Sensitivity Adjustment pot is used to control how much signal is required to produce the maximum tone frequency. With knob, field adjustable.

Parts Not Given on Schematic

L1- 5 turns, 1/4 inch form tapped at 1.5 turns. (For 2 meters)

C1 - Small RF trimmer capacitor, adjustable over about 5 to 45 pFd. Not critical. Screwdriver adjustment is fine.

Q1 & Q4 = 2N5457 (silicon J-FET)

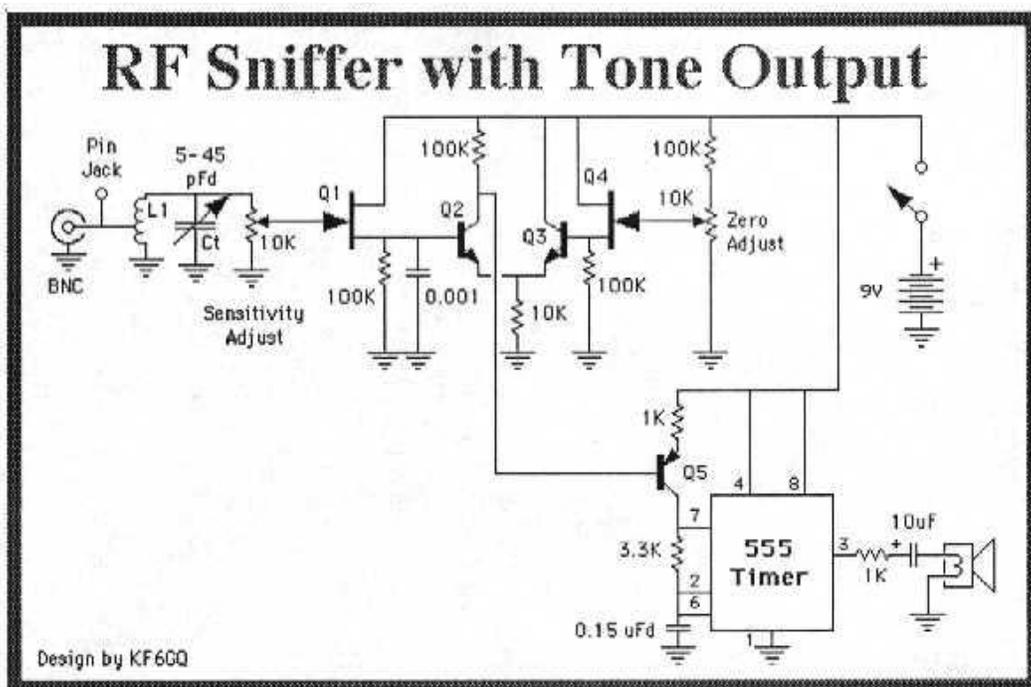
Q2 & Q3 = 2N3904 (silicon NPN)

Q5 = 2N3906 (silicon PNP)

NOTE: Just about any small-signal silicon transistor of the same general type as specified should work.

Contact Information

George (Russ) Andrews, K6EMG



80m Net Schedule

VE3FFN	Apr 16	Jun 11
VE3DXO	Apr 23	Jun 18
VE3BFV	Apr 30	Jun 25
VE3HDH	May 7	Jul 2
VE3DIQ	May 14	Jul 9
VE3RHJ	May 21	Jul 16
VE3HXX	May 28	Jul 23
VE3BQM	Jun 4	Jul 30

73, Brad

NEW MEXICO HAMS STAY ON AIR AS MOST OF STATE GOES DARK

from The ARRL Letter, Vol. 19, No. 12, March 24, 2000:

New Mexico suffered what could be the largest power loss in the state's history March 18. Amateur Radio operators stood by to fill the communication gap as the outage that resulted from a grass fire left thousands without power.

"We had done our Y2K exercises well, and it paid off," said New Mexico ARRL

Section Manager Joe Knight, W5PDY. Knight says smoke from a large grass fire caused the large insulators on a major power line to arc, shutting down the line. Three major power lines from the Public Service Company of New Mexico's Four-Corners Power Plant followed suit. The outage subsequently took out a major power generating unit. "In a domino effect, most of the state of New Mexico, a small part of southern Colorado and part of El Paso, Texas, were out," Knight explained. Thanks to emergency power, hams and repeaters remained operational.

"Needless to say, there were no cell phones, and the 911 system was jammed," Knight said. ARES/RACES was activated and in full operation through both local and linked repeaters throughout the state. "Operators were cautioned to transmit only for emergency traffic in order to conserve our battery power on the linked repeater system. Since the shopping malls, grocery stores, restaurants, filling stations and traffic lights were down, it made for a real Y2K emergency."

Knight says the linked system was able to help keep the public up to date on what was happening. In addition, 21 battery-powered HF stations checked into the New Mexico Roadrunner Traffic Net and were on standby until the power was restored to most of the state. Two broadcast radio stations, KOB AM and KDEF AM, were on the air using emergency power generators. Knight said the New Mexico State Emergency Operations Center and the Albuquerque EOC also were on line using emergency power.

"There were several traffic accidents and a few burglaries, but the hospitals all operated on emergency power," Knight reported. Approximately 1.3 million people were without power for about three or four hours following the outage, which began around 4:30 PM Mountain Time. In Las Cruces, officials had to halt the state's high school basketball playoffs when the power went out in the arena. "It was certainly a wakeup call for amateurs in the affected areas," said Knight.

from Brad Rodriguez, VE3RHJ

GBARC Crest Submissions



This one submitted by Jim VA3CJM



Here's my try. Jim's design was created with Corel while use I used Word97. To do this in Word, first, on the top bar, click "view", then "toolbars" and then "drawing". This will put the drawing toolbar at the bottom of the screen. To do one, open word to a new page and draw an oval using the "oval" tool in the bottom bar. This tool makes circles too and this object is called an "Autoshape" . Right click on the object to open the menu, select "Format the autoshape" and then you can play with colours, the border as well as the background. Drag the object to move and size it. Next add some text with the "Wordart" control. Thats the blue letter A on an angle on the bottom bar. You can also type text right on the screen. If you have a nifty jpg file, click on "insert" on the top toolbar, then "picture" then "from file". Thats about it. Just try it out, you'll find it addicting....73 Tom

From The Mailbox

THE RADIO H.F. INTERNET NEWSLETTER

Apr 2000

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

THE BRUCE AMATEUR RADIO CLUB NEWSLETTER

IS NOW POSTED 73 DE JIM COVERLEY VE3OVV

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

Field Day 2000 Rules

<http://www.arrl.org/contests/announcements/rules-fd.html>

I have a broken-down Kenwood Model TS-830S HF SSB Transceiver, does anyone have a Service Manual that I could borrow?

VE3CVL Tom

tel 376 3323.