

January, 1984

Feedback

Monthly bulletin of

The Georgian Bay
Amateur Radio Club



GBARC

The Georgian Bay Amateur Radio Club (GBARC) is based in Grey and Bruce counties and meets at 8 p.m. sharp on the third Thursday of each month, except July and August, downstairs in the Grey-Bruce Tourist Information Centre at Springmount, just west of Owen Sound.

The club marked its 10th anniversary in the fall of 1983. It was formed in late 1973 by a core of area amateurs consisting of Dick Shave, VE3BIS; Jim Vamplew, VE3CRV; Jack Avis, VE3DTS and Bill Hardie, VE3EFX.

Since then, the club has grown to about 50 resident and non-resident members.

The Georgian Bay club operates a 2-metre FM repeater on 146.34 (in) - 146.94 (out) at 1200 feet ASL at Woodford, just east of Owen Sound.

VE3OSR is an open repeater and covers roughly the area from Collingwood in the east to Southampton in the west and from Durham in the south up to the Bruce Peninsula. Autopatch facilities are available.

The GBARC net meets every Sunday at 0930 local on 3.783 MHz with a rotating schedule of net controllers. Any amateur is welcome to check in on phone or CW.

Club officers for 1983-1984

President	Bill Kohlman, VE3NEG
Vice-President	Jack Avis, VE3DTS
Secretary-Treasurer	Jim Harron, VE3BFV
Membership Secretary	Moe Hurlbut, VE3LPT
Program Directors	Don Finlayson, VE3JUO Harvey Smith, VE3FOT
Net Manager	Dave Dixon, VE3DXO
Technical Director	George Ziegler, VE3HFW
Feedback Editor	Rob Ludlow, VE3AQT
Coffee	Jack Barrett, VE3AUB

Past Presidents

1973-74-75	Jim Vamplew, VE3CRV
1975-76	Dick Shave, VE3BIS
1976-77	Dave Dixon, VE3DXO
1977-78	Ian Trenholm, VE3HIP
1978-79	Ian Sutherland, VE3HXX
1979-80	Don Richards, VE3IDS
1980-81	Harvey Smith, VE3FOT
1981-82	Laverne Wyville, VE3LPD
1982-83	Moe Hurlbut, VE3LPT

Dues

Annual dues for full club membership including a subscription to *Feedback* are \$10.00.

Feedback

Feedback, the monthly bulletin of the Georgian Bay Amateur Radio Club is published monthly and mailed to reach members prior to each regular meeting. Contributions, articles and letters are encouraged and should be sent to Rob Ludlow, VE3AQT, 847 15th Street East, Owen Sound, Ontario, N4K 1X7. Phone 371-1692. Deadline is the first Thursday of each month.

Information

More information on club activities may be obtained from the Secretary-Treasurer, Jim Harron, VE3BFV, RR2 Kemble, Ontario, N0H 1S0 or from the Membership Secretary, Moe Hurlbut, VE3LPT, Leith, Ontario, N0H 1V0, or from any other club official.

President's Report

Amateur radio operating and the new equipment in use today is vastly different to that of the 1960 or even the 1970 era. The past few years have seen gigantic growth and changes in electronic technology.

Gone are the days of tubes, simple circuit design and point-to-point wiring. Wiring up a circuit has given way to computer-designed printed circuits and silicon chips. Analog circuits are very few, giving in to digital circuits. Even power supplies have become digitized in their control circuits.

Computers aid in component layout and design. MOSFETS, MOS chips and large scale integration often put thousands of components into one chip. The development of integrated circuits, microprocessors and new materials have given us calculators, home computers, watches and much more. Everyone has been touched by this . . . every household, every ham.

Have you looked inside a new modern piece of ham equipment recently? Would you try to repair it? I know I would send mine back to the factory.

So what is left for the average ham to work on, build and enjoy? There is lots in that area but one very large area is interface.

Interface is essential. It allows the use of two otherwise incompatible machines to talk to one another. Examples are Baudot and ASCII codes, and computers to the old TTY33. It's nice to be able to buy all this but the average ham can't always afford it.

A lot of the interface circuits are very simple and could save you dollars. In the last issue of Feedback, there is a handy circuit that could be altered many ways and have many uses. Opto-couplers provide excellent isolation and are not difficult to build around.

There must be many more circuits that are simple and easy to build.

If you have one, send it in to Feedback and let the rest of us know about it too.

Going by the TV and press items I've seen around the area, the GBARC members were very active in trying to work the shuttle. VE3NEM and VE3MTV were in the Sun Times, VE3BFV was on CKCO-TV and VE3LCZ had a front page story in the Port Elgin Beacon-Times. When you guys get that QSL card I'm sure it will be the envy of all of us.

Coverage like this is good at building up amateur radio in Grey and Bruce. There are amateurs around who have equipment but have lost interest and are not active. It would be nice to get them all going on 2 metres again.

One interesting item . . . VE3LCZ heard VE3NEM calling the shuttle. The distance between them is about 30 miles. VE3LCZ had his crossed dipoles pointed towards the heavens. Would it be possible to have shuttle bounce? We can work Owen Sound from Port Elgin on simplex but the signals are weak and one station needs a beam. If anyone has an answer, let's hear it. I prefer "shuttle bounce". Sounds good to me! Hi!

For those of you who never made it to December's meeting, too bad! You missed a good one. Special thanks to Mrs. JUO and Mrs. AUB for all those excellent goodies.

73, Bill, VE3NEG

Secretary-Treasurer's Report

Minutes

The GBARC meeting on Thursday, Dec. 15, 1983 was called to order at 8 p.m. with VE3NEG, Bill in the chair. There were 21 members present.

The minutes as published in the November Feedback were moved for adoption by Harvey, VE3FOT and seconded by Fred, VE3KPK.

The Treasurer's report showed a bank balance of \$1047.34 with \$3.91 in petty cash.

The report from the repeater committee brought forth a lengthy discussion on what route to take to get the repeater back on the air. Most of the problems are with the cavities and the fact that the repeater shares a site and tower with several other transmitters.

Dave, VE3DXO volunteered to open negotiations with Wintario on the possibility of access to funds for a new set of cavities as proposed by Walter, VE3FFN. Cost of the new cavities is estimated to be in the \$3,000 range.

Andy, VE3LCZ commented on the ARES (Amateur Radio Emergency Service) net reorganization.

A request for financial assistance from the Grey-Bruce Regional Health Centre fund for the new hospital was decided against.

A motion by Walter, VE3FFN and seconded by Don, VE3JUO carried that GBARC send a \$20 cash donation to the Jocelyn Lovell wheelchair fund.

The meeting adjourned at 9:15 and refreshments courtesy of the XYLs of VE3JUO and VE3AUB were enjoyed by all accompanied with the usual ham chatter and QRM.

73, Jim, VE3BFV

Secretary-Treasurer

Trading Post

FOR SALE: Tone alerts, 3 each, built by VE3BIS. Five digit tone access. Self-contained in an attractive box, built-in speaker, capability of monitoring with speaker muted, external sensitivity adjustment. Just plug into rig audio output and attach to 12 VDC supply.

Contact Andy, VE3LCZ
832-5868

FREE ON REQUEST: Quantity of IC741 single op amps, IC747 dual op amps and 7407 hex inverters.

Contact Jim, VE3BFV
371-1209
or see him at the meeting.

Bits 'n' Pieces

Andy Kalnins, VE3LCZ has been appointed Emergency Co-ordinator (EC) for Bruce County, succeeding Bill Harvie, VE3EFX, effective Dec. 1/ 83. There is still no EC for Grey.

The CRRL, which sponsors the Amateur Radio Emergency Service (ARES) that has been primarily focused on local and regional needs, is now attempting to generate interest in an expanded horizon, through a weekly or bi-weekly national amateur radio emergency service net.

The first of these sessions was to be convened Sunday, Jan. 15 at 2000 UTC on 14.130 MHz mainly for discussion among league officials, Section Managers, Traffic Managers and Emergency Co-ordinators.

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An interesting item that comes to Feedback third-hand from the Goodyear Amateur Radio Club in Akron, Ohio via the Skywide Amateur Radio Club bulletin in Toronto suggests that amateurs purchasing newer cars (whether new or used) and planning to operate mobile radio would do well to first check on the car's susceptibility to RFI.

Owners of some of the newer 'computerized' models, particularly Japanese imports, have experienced problems such as refusing to start, running roughly and stalling . . . all as a result of mobile radio operation.

In one case, a Louisiana amateur, KC5XO, "messed up" the computer works in his new Toyota Cressida to the tune of a \$400 repair bill that was not covered by warranty.

Some auto manufacturers such as Toyota have an advisory in the owner's manual that they assume no liability for repair or replacement of the vehicle's computer or accessory circuitry due to interference or damage from two-way radios.

* * *

Speaking of Japanese cars . . . know what you get if you try CW mobile from a car with the above mentioned interference?
. . . Datsun dashes! (Sorry, it seemed irresistible.)

Future Meetings

Next meeting: Thursday, January 19, 1984. Paul Caccamo, VE3KOI was scheduled to attempt to venture up here to the frozen wastes to fill us in on the joys, trials and tribulations of 2-metre radio.

Thursday, February 16, 1984: Let Program Director Don, JUO know if you want to take the topic for the evening or can supply a speaker. The weather may keep some members at home so a general bull session/ free-for-all/ reminiscence night is always a good standby.

Looking Back

Ten years ago, at the January, 1974 meeting, good driving conditions permitted 19 members and guests to attend. Seven guests joined the club bringing the membership to 49 . . . that's actually a couple more than we have now, 10 years later.

Those seven new members were the late Fred Koepke, VE3WF, Norm Biggar (now VE3MTV), Tess Hardie (now VE3HIR), Ian Trenholme (now VE3HIP), Dick Steghuis, Les Barnard and John Cotterell.

Treasurer Jack, VE3DTS reported \$50 in the bank with \$32.21 in petty cash.

Feedback editor Bill Hardie, VE3EFX was still having a battle with the post office over frightful mail service . . . missing, delayed and late bulletins.

Bill suggested club members submit feature articles on 'How I Got Into Ham Radio'. Sounds like this is still a good idea and would make interesting reading. Why don't some of you put pen to paper and put down a few ideas, memories and recollections on just how you got interested in radio and how you pursued getting your ticket. It doesn't have to be award-winning prose . . . just write whatever comes to mind as you would say it in conversation (that's the way any good story should be written) and send it in. I'll spruce it up for you . . . that's what an editor's for!

Returning to 10 years ago . . . Harvey Smith, VE3FOT was in the process of drafting the club constitution. The DOC assigned the call VE3OSa to the club repeater on 34/94.

Bill Hardie allowed himself to be "railroaded" into the job of being Field Day co-ordinator.

Bill, EFX, Verne, BSF and Dick, BIS were sending slow code practice on weeknights to help beginners get their speed up.

The weekly club net on Sunday mornings was being attended by at least two-thirds of the members who were licensed. That proportion has now dropped to between a third and one-half of licensed members checking into the net.

Then, as now, one of the purposes of the net, other than general fellowship, is to keep those who were unable to attend meetings in touch with club activities and other members and to let them take part. But, now, as then, many of those checking in are the same ones who come to meetings.

Compiled by Rob, VE3AQT
with old Feedbacks courtesy
of Dick, VE3BIS

Club Roster

GBARC 1983-1984

The list is double-spaced to allow you to make your own inserts, changes and additions as the year goes by. Please let the secretary-treasurer or the bulletin editor know of any errors or changes.

CALL	NAME	ADDRESS	CODE	PHONE NO.
VE3AAF	Ray Miller	RR4 Uxbridge, Ont.	LOC 1KO	416-852-5447
VE3AEO	Ted Scarrow	308 12th St. W., Owen Sound	N4K 3V4	376-9004
VE3AQT	Rob Ludlow	847 15th St. E., Owen Sound	N4K 1X7	371-1692
VE3AUB	Jack Barrett	RR2 Kemble	NOH 1SO	371-1340
VE3BFV	Jim Harron	RR2 Kemble	NOH 1SO	371-1209
VE3BIS	Dick Shave	Box 351, Southampton	NOH 2LO	797-2401
VE3CAC	Jerry Dantzer	303 Jean Ave., Lakeland, Fla. (until Apr.)	33801	
VE3CGM	Stew MacKinnon	Box 1522, 308 Crawford St., Port Elgin	NOH 2CO	832-9582
VE3ChV	Jim Vamplew	RR3 Wiarton	NOH 2TO	534-2839
VE3CTQ	Cam Thomas	Box 324, Owen Sound	N4K 5P5	376-4951
VE3CAN	Rev. Hank Nuhn	Box 1583, Kincardine	NOG 2TO	396-7083
VE3DKT	JIM FOOTE	176 7th Ave. E. Owen Sound	N4K 2W7	376-4350
VE3DTS	JACK AVIS	Box 340 Paisley	NOG 3NO	353-5748
VE3DXU	Dave Dixon	RR6 Wiarton	NOH 2TO	534-0151
VE3FFN	Walter Stoyko	Box 265 Markdale	NOC 1HO	986-3082
VE3FOF	Bill Baker	RR1 Proton Station	NOC 1LO	923-5766
VE3FOT	Harvey Smith	45 Sinclair St., Lindsay	K9V 5L6	705-324-4091
VE3GVL	Ed Bilkey	650 4th St. 'A' E., Apt. 125, Owen Sound	N4K 1C1	371-2095
VE3HFW	George Ziegler	RR3 Markdale	NOC 1HO	986-2649
VE3HSE	Eric Hilbig	RR6 Markdale	NOC 1HO	986-3142
VE3HXW	Ted Brown	Box 191, Port Elgin	NOH 2CO	832-2854
VE3HXX	Ian Sutherland	Box 816, Owen Sound	N4K 5W9	376-7621
VE3IDS	Don Richards	RR5 Owen Sound	N4K 5N7	376-7787
VE3IYW	Walter Walls	RR3 Wiarton	NOH 2TO	534-0887
VE3JUO	Don Finlayson	RR1 Dundalk	NOC 1BO	923-2362
VE3KPK	Fred Kuznicki	Box 1056, Meaford	NOH 1YO	538-3190
		Box 694, Owen Sound	N4K 5N7	376-5228

CALL	NAME	ADDRESS	CODE	PHONE NO.
VE3L CZ	Andy Kalnins	Box 1177, Port Elgin	NOH 2C0	832-5868
VE3L FC	Kay Webber	Box 1063, 412 Scott St., Walkerton	NOG 2V0	881-0251
VE3L PD	Laverne Wyville	Box 365, Meaford	NOH 1Y0	538-1888
VE3L PG	Mal Holmes	75 Oriole Parkway, Elmira	N3B 1C2	669-1243
VE3L PK	Terry Kalnins	Box 610, Waterloo	N2J 4C1	
VE3L PO	Dr. Roger Cosgrove	40 1st Ave. S., Box 88, Chesley	NOG 1L0	363-3312
VE3L PT	Moe Hurlbut	Leith	NOH 1V0	376-8458
VE3L ZX	Don Rowe	1304 4th Ave. E., Owen Sound	N4K 2P7	376-0925
VE3MAE	Iain Harris	237 10th St., Hanover	N4N 1P1	364-4335
VE3MAI	Rahn McNally	Box 816, 660 Eugenie St., Port Elgin	NOH 2C0	832-2597
VE3MTG	Larry Wedow	RR3 Durham, Ont.	NOG 1R0	369-6854
VE3MTI	Marty Madlener	General Delivery, Kimberley	NOC 1G0	599-5784
VE3MTV	Norm Biggar	987 7th Ave. E., Owen Sound	N4K 2Y9	376-0247
VE3NEG	Bill Kohlman	Box 2079, 895 McDowell Cr., Port Elgin	NOH 2C0	832-6345
VE3NEM	Tom Merner	RR5 Owen Sound	N4K 5N7	371-9499
VE3OX	Mel Jones	RR2 Group Box 6, Hepworth	NOH 1P0	
VE6CQJ/3	Jorgen Ormstrup	RR3 Elmvale	LOL 1P0	
	Clare Brodie	603 7th St. E., Owen Sound	N4K 1J7	376-1220
	Arnold Flanigan	RR2 Wiarton	NOH 2T0	371-0205
	Stan Guzonas	Box 11, Flesherton	NOC 1L0	924-2473

Net Control Schedule

Here is the interim net control sked for the next month taken from Net Manager Dave, VE3DXO's master list. Please check your duty and arrange for an alternate or let Dave know if you are unable to take the net.

Jan. 15 Laverne, VE3LPD
22 Jack, VE3DTS
29 Verne, VE3BSF
Feb. 5 Rob, VE3AQT
12 Dave, VE3DXO

Coming Events

Don't forget the big Dayton Hamvention for 1984 is set for April 26-29. Plan your trip and make reservations now if you want to go.

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Niagara Peninsula amateur radio club 6th annual Flea Market, dinner and dance on Sat. Feb. 18 at the Black Sea Hall, 455 Welland Ave. St. Catharines. Exit QEW from Hamilton on Niagara St. to South Service Rd. Continue to Welland Ave. and turn left. Talk-in on 147.24/.84 and .52 simplex. Lots of parking, indoor displays, new and used gear, commercial displays, hourly door prizes. Flea market 8 a.m. to 4 p.m. \$2 per person. Set up at 7 a.m. Tables \$3 each (max. 2) Adv. reservations on tables - Deadline Feb. 1. Cheque, cash or M.O. to NPARC Flea Market, Peter Mitroff, VE3DSW, 8 Marsten Dr., St. Catharines, Ont. L2N 3C7. Ph. 416-935-6732. Dinner-dance. Bar opens 6:30, dinner 7, dance 9. Tickets \$15 ea. Draw tickets on IC22U (2m. xcvr) and VIC-20 \$2 ea or 3/\$5. Area motels rates \$36 - \$48 per night/ couple.

Contests

The RSO has announced the Ontario Bicentennial Award to mark the province's 200th birthday. For two-way or SWL reception reports all stations must accumulate 200 points. VE3s must contact 200 different VE3s. One point per contact. Other VEs, VO, VY must contact 100 VE3s at 2 points per contact. DX and USA must contact 20 VE3s at 10 points per contact. All bands, all modes from Jan. 1/84 to Dec. 31/84. Double points for Ont. stations using special prefixes or callsigns. No QSLs needed. Send log data certified by two other amateurs or one club official with \$1.00 or 3 InCs to: VE3LSS Bicentennial Project, Listowel District Secondary School, Geography Department, Listowel, Ont. N4W 2M4. Further info from Dave, VE3FOI or Garry, VE3GCO.