



# THE HAMILTON AMATEUR

HAMILTON AMATEUR RADIO CLUB INC.  
P.O. BOX 253  
HAMILTON, ONTARIO  
L8N 3C8



GERRY GOLDBERG VE3HLI  
17 COTTRILL  
HAMILTON, ONT. L8S 3L5

THE HAMILTON AMATEUR RADIO CLUB  
ESTABLISHED 1932



CLUB STATIONS

VE3DC  
 VE3RCB

TWO METRE REPEATERS

VE3DRW	IN: 146-160MHZ	OUT: 146-760MHZ
VE3MBR	IN: 147-105MHZ	OUT: 147-705MHZ

1981 HARC OFFICERS & DIRECTORS

<u>PRESIDENT</u> Gerry Goldberg VE3HLI, 17 Cottrill St. Hamilton	.....528-7688
<u>PAST PRESIDENT</u> Glenn Simpson VE3DSP, 61 Briarwood Cr. Hamilton	.....385-8478
<u>VICE PRESIDENT</u> Bob Dyer VE3KTY, 2015 Kingsbridge Ct. Burlington.....	335-9403
<u>SECOND VP</u> Glen Gibson VE3FHQ, 1490 Upper Sherman Ave. Hamilton	.....385-2786
<u>SECRETARY</u> Fred Robinson VE3GCP, 126 West 19th St. Hamilton	.....388-1976
<u>TREASURER</u> Tom Feeney VE3KTP, 242 Golden Orchard Dr. Hamilton	.....389-5164
<u>MEMBERSHIP DIRECTOR</u> Margaret Roy, RR2 Caledonia	.....765-2814



Deadline for Bulletin material is four weeks preceding the next General Meeting.  
 Bring your notes or material to the regular Wednesday General Meeting for  
 publication in the following month's Bulletin. Address all correspondence to:

The Secretary  
 Hamilton Amateur Radio Club  
 P.O. Box 253  
 Hamilton, Ontario  
 L8N 3C8

COMMITTEE CHAIRPEOPLE AND ASSOCIATES

Club Station Licensee (VE3DC).....	VE3HLI	Gerry Goldberg.....	528-7688
Red Cross Stn. Licensee (VE3RCB).....	VE3FHQ	Glenn Gibson.....	385-2786
and Public Service			
Repeater Licensee (VE3DRW)	VE3CFM	Bob Miller.....	529-2950
Repeater Licensee (VE3MBR)	VE3CZI	Norm Freidin.....	388-9813
Club Bulletin (THE HAMILTON AMATEUR)	VE3BLG	Geo. Olenick.....	383-7338
Health and	VE3BUO	Don Riley.....	628-8485
Welfare	VE3GFE	Stan Bolibruch.....	527-8420
Membership	SWL	Margaret Roy.....	765-2814
Technical	VE3DSP	Glenn Simpson.....	385-8478
ARES Emergency Co-ordinator	VE3FCU	Bob Richert.....	765-4364
Awards & Contests	VE3ARX	Bill McCaslin.....	634-5190
Refreshments	VE3AHB	Irwin Merritt.....	634-3197
Field Day Committee	VE3EKY	Bernie Grandby.....	527-7175
Education	VE3LJS	Mike Sheppard.....	634-5251
Librarian & Historian	VE3DNM	Max Pizzolato.....	385-2530
Repeater Chairman	VE3LWS	Michael Silbert.....	523-0522
RSO Delegate	VE3GCP	Fred Robinson.....	388-1976

Membership Year	- January 1st to the following December 31st.
Membership Fees	- \$10.00 per year (\$1.00 for add'l family members)



# Programme

## NEXT MEETING

DATE: Wednesday, November 18, 1981.

TIME: 8 p.m. (but come early and dicker)

PLACE: Nash Auditorium on Senatorium Road

Note - The meeting will combine elections with an auction, so come at 7.30 p.m. and buy early if you desire.

## THE PRESIDENT'S PAGE

I have heard it said that "The trouble with this executive is that they try to please everybody." I hope that this is true, because I for one, and our executive as a whole, have been trying to do just that.

You can't please all of the people all of the time, and some will never be pleased. However, it is with the thought of trying to please everyone that the coming meeting, Nov. 18, will be held at the Nash Auditorium of Chedoke Hospital.

You can smoke if you wish or not smoke if you wish; you can get together for an eyeball without being in actual physical contact with the said eyeball. There is plenty of room for everyone and the facilities are second to none. We are very grateful to Chedoke Hospital for keeping our option to return open for us. We need bodies to fill the place, so please bring yours and bring a friend.

Our new (old) meeting place is just the place for our next meeting. We are having a giant auction. Now is the time to please your wife, show her you are actually cleaning out the basement of that junk she has been telling you to get rid of for years, that great bargain you overpaid for at the last flea market. Now is the time to let someone else share in its benefits.

At great expense we have procured the services of VESEEL, a veteran of many ham auctions. If he can't sell it, give it away.

Proceeds, or as much of them as you care to donate, will be appreciated by the repeater fund. If you have a piece which is worth more than you would care to donate, for instance a Yaesu FT101E, then you may make a donation, and we assure you that we are not hard to deal with. We'll take it.

This meeting is election night. I know I wrote this last month, but it is important. This is the price you have to pay for being in a democracy. You have to stand, nominate, and vote. Thank goodness we have the privilege.

Memberships for the coming year can be paid before January. We can use the money now. As mentioned at the last meeting, we will have to have an increase in our dues. The increase will not have to be so large if we have an increase in memberships. So please renew early, bring back a friend who dropped out a few years ago. We need his/her person as well as his/her money.

We need a new editor. George is doing an admirable job, taking into account that very few have submitted articles, and the lack of free time he has available. It isn't a hard task. All you need is the free time, a commodity not in plentiful supply, but if three people get together, it isn't an impossible task, and can be very gratifying. To get the most out of your membership, take an active part in the organization.

Best 73 Gerry VE3 HLI

### ELECTION NOMINEES FOR 1982

The following have been nominated to run in the 1982 elections. Why not add your name to the list? The club needs YOUR help and direction. This is your chance to get your ideas across.

VE3FHQ -- GLENN GIBSON - Many of us know Glenn as an enthusiastic ham since 1962, a devoted traffic handler and emergency co-ordinator. But perhaps you didn't know his interest in radio goes back even further -- to 1923, in fact, when he was six years old and his family fired up its first BC set, a two-tube wonder.

VE3KTY -- BOB DYER - One of our hard working executive -- (I wonder how he finds the time?)

SWL -- ED. BAILEY - We need new blood. Welcome Ed.

VE3KTT -- LES SHARMAN - One of ham radio's old timers (1931 ticket) and a good photographer. (Now we may print some pix in the bulletin.)

VE3KTP -- TOM FEENEY - Another of our executive, and our present "money" man. He always has the facts handy (not much money, but always the facts).

VE3DOU -- PETER GOODSON - One of our past-presidents. Welcome back, Peter.

VE3LJY -- VIC RAMIREZ. Nice to see a new member with the club interest at heart. Welcome, Vic.

VE3BYM -- RALPH C. TUFFS. Welcome Ralph, and thanks for the large part you played in raising VE3NCF's antenna up another 30 feet.

VE3EKY -- BERNIE GRANBY. Our hard-working Field Day chairman. Now watch us increase our scores!

VE3ARY -- BILL MCCASLIN - Another one of our old-timers. A good negotiator and a steadying influence at the executive meetings. Nice to see Bill still being faithful.

VE3BOY -- JAN DYKSTRA - Another one of our past-presidents. A good fund-raiser and knows how to keep his cool (with air conditioning).

Add your name to the list at the November meeting. Remember, it's your club. Now is your chance to get your ideas across, instead of crabbing about them all year long!

## "ADVENTURE IN THE NORTH ATLANTIC"



Between 1955 and 1960 there were four Trans Atlantic Telephone cables laid across the Atlantic between Britain, France, Iceland, Greenland and Canada.

The Canadian base for the laying was in Newfoundland, and it was my pleasure to be in charge of the Radio Service during these Lays.

Our first station was in Clarenville, and the equipment consisted of two 4K.W. S.S.B transmitters, together with the usual receivers. The staff consisted of three operators and myself.

In June 1959, prior to the cable ship "Monarch" leaving Clarenville to lay the cable to Penmarche, France, I had the pleasure of going on board and arranging the Radio Schedules with the Operators.

Proceeding to a position of 39.39 Degrees West, the cable was transferred to the cable ship "Ocean Layer". The "Monarch" then proceeded to London. The "Ocean Layer" continued laying cable towards France. Her position was frequently received, and passed on to Montreal. At the same time the cable engineers on board the ship were in constant communication with the engineers in Clarenville.

About 2 a.m June 15th, one of the operators called me and said he had lost contact with the "Ocean Layer"....We tried calling him on all our frequencies, but to no avail.

We finally received a message from London telling us that the "Ocean Layer" was on fire, and was being abandoned in position 19.14 West. !!!...The cable was cut, and thrown overboard and Montreal was immediately advised.

The cable ship "Monarch" was then called, and advised of this catastrophe, and ordered to the position where the cable had been cut. This she proceeded to do, and finally after picking up the cable, continued laying it to France.

On the 6th of July we received a message from the "Monarch" saying that she had arrived in Penmarche France, at 0800 GMT. The final splice was made at 1317 hrs GMT, and the bight was overboard Montreal being duly advised...The amount of cable laid had been - 2103 "nautical miles.....

Our station CJM 878 was soon released and closed down, Montreal being advised.

Months later I had the pleasure of meeting the operator of the "Ocean Layer" when he was on another ship in Vancouver. He told me the "Ocean Layer" was an ex German ship, and it was rather a coincidence that it was a German ship that picked up his SOS, and had rescued the survivors..... The other three cables were laid with no trouble at all.

J.K.Holland - VE3BOJ

## 1982 BUILDING PROJECT

The executive of the HARC are considering another building project as a "club project." In the past, we have had a synthesizer, frequency counter and computing SWR bridge. Projects preferably are within the \$50 to \$150 cost range, and should be within the construction ability of most amateurs. Step-by-step plans and circuit explanation will appear each month in the club bulletin.

The following have been suggested, and we ask for an indication of your preference:

1. 6 amp. to 10 amp. DC power supply for 25-watt two meter rigs, to have over-voltage and short protection.
2. Cordless remote antenna switch, to switch three antennas on one feedline with no control cables needed. About \$50.
3. RF signal generator. Synthesized.
4. Two meter linear amplifier -- for instance, five watts in and 35 watts out. Input power could be discussed; perhaps could be made to handle either one or 10 watts in.
5. Antenna tuner, 80 through 10 meters, with relative power meter or SWR bridge.
6. Digital capacitance meter.
7. Ni-cad battery charger. Protection and limit circuitry so you can fast charge.
8. Two meter preamplifier.

Indicate your preference to:

Fred, VE3GCP, Secretary.

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## RACING THE STORK

Rumor has it that the XYLs of Mark Gibson, VE3MWH, and Dave Walton, VE3FLZ, are almost neck and neck for new junior ops around Christmas. Best wishes from all the club and may the best woman/man win!

## SOCIAL NIGHT

There will be a pre-Christmas dance for all interested H.A.R.C. members and friends at the Royal Canadian Legion, Limeridge and Wentworth on Friday, December 11th. (Upstairs) There is lots of parking at the new Mall.

It is \$4.00 per couple; music by John Bentley from 9:00 till 1:00 A.M. Come before 9:00 P.M. to be assured of a good table and meet your fellow amateurs and friends.

Please pass the word!

Glenn Gibson, VE3FHQ  
385-2786

FOR SALE

THE HAMILTON AMATEUR SWAP SHOP

VE3-HYN DAVID 387-2724 Hamilton  
EDDEYSTONE RCVR 500 Kcs. to Mcs. CW FILTER \$70.00

VE3-EHL ED 528-3222 Hamilton  
HQI70A RCVR With SPKR, \$150.00 \$150.00  
VIKING RANGER 65 WATTS AM/CW TR SWITCH \$50.00

VE3-MPP DENNIS 684-0436 St. Catharines  
- BF 0 - FV 101B

VE3-FCU BOB 765-4364 Mount Hope  
- MATCH BOX MFJ 900 Handles 200 to 300 Watts \$50.00  
XTALS for TR 7200, KSR/MBR/RSB/NCF/52/58. \$ 6.00 Pair

VE3-XM BOB 844-1103 Oakville'  
- TR 33C 2 METER MINT CONDITION, CHARGER \$225.00

VE3-ITA LARRY 549-7393 Hamilton  
- Kenwood TR7500 Shop Manual and Owners Manual \$350.00

VE3-VK FRED 226-3265 North York  
- Drake TR33C 12 Channels 2 Mtr. \$250.00  
VE3-HPD VICK 385-2662 Hamilton  
- PAM 2 Hand held 6 position 6 - xtals plus  
2 extra \$200.00

VE3-NCN BERT 627-0573 Dundas  
PWR SUPPLY AND SPKR combined 3 amp. reg. ....\$ 25.00  
PWR SUPPLY 2 Amps 11 - 13.8 Volts.....\$ 20.00  
SWR and PWR Meter R.S.....\$25.00  
Lindsay 80 to 10 Mtr. Vertical .....\$ 90.00  
Radio Shack Mini 8 Cassette Recorder .....\$ 50.00  
6 Pos. Coax Switch 590GR.....\$ 20.00  
Kilowatt Linear Base 600 Watts HI/LO pos.....  
Black/White 10 inch brand new 12V and 110V .....\$100.00

VE3-KYN CRAIG 957-3672  
-4 E1, 10 Meter Beam 16' Boom.....\$ 35.00

SWL JACK 519-756-9553  
- Hallicrafter General Rcvr S-4IG.....\$ 50.00  
- Signal Generator Model 705A.....\$ 10.00  
- Realestic GRS Walker/Talkie 3 Watts 3 Channels\$ 35.00

VE3-IUI ROBIN 335-5892 Burlington  
- 1 - WE-800 2 Meter SYn. 2 & 12 Watts nicad,  
rubber duck.....\$350.00  
- GES Micro dialer up to 10 numbers.....\$100.00  
- Miraje B108 solid state Mtr. 10 in 70 out..\$200.00

VE3-MFA JOHN 681-2857  
- Mod. for RTTY 600 Built in scope.....\$195.00  
- 100 Ft. Belden RG8U.....\$ 45.00

VE3-MFJ DICK Home 522-4437 - Office 522-7604 Hamilton.  
- Butternut Vertical Ant. #HF5-IIIX, new condx. \$75.00

WANTSTHE HAMILTON AMATEUR SWAP SHOP

VE3DRL JIM 279-9574  
Linear amp. for 10 Meters CIIIO

VE3DFZ BOG 336-2321 Burlington  
Delhi or Samson 55' Self Support Heavy Duty tower.

VE31XF Mike 525-7356 Hamilton  
Service Manual for Realistic TRC57.

VE3-FUY BILL 529-0901 Hamilton  
Padel for a bug.

VE3-HVO SHON 545-4878 Hamilton  
VFO for the FT10IE and a CW filter.

VE3 GVG CAM 628-6125 Dundas  
Rubber flex Ant. with BNC connector.  
Service Manual for a TR2400 or a loaner.

VE3-HXE KEN 423-8000  
RG8U Cable or RG8M. HW12 Power Supply.

VE3-IXY FRED 519-669-8819 Elmira  
Scope dual beam, 30 MHZ. or greater bandwidth.

VE3-BYG JIM 221-6294 Willowdale  
IC22S 2 Meter Xcvr.

VE3NCE DAVE 648-3896 Ancaster  
Power Supply 12V. 5 amp. or up.

VE3MTQ BRUCE 884-6765  
CW xcvr Century 21 or similar.

VE3HYN DAVID 387-2724 Hamilton  
Comouter tape 9 track drive (small).

VE3ISZ FRED 383-6427 Bronte. NORM VE3-BAS will forward.  
Pair #7094 Tubes.

VE3-AHK RON 662-1331 Stoney Creek  
Schematic for Prog. touch tone Mic. 16 numbers.

VE3BTH ROGER 842-0236 Ottawa  
Ram 2 Rotor.

SWL JACK 519-756-9553  
Accessories for the YAESU 301 such as FP p/w, FV301 scope etc.

VE3mmc KEN 388-3117 Hamilton  
Converted GRS radio to 10 meters, 23 or 40 Chns. SSB.

WANTED: Owner of tower raising equipment loaned to VE3KTY. Owner may claim by identifying same to Bob VE3KTY 335-9403.