



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. Hamilton528-7688
<u>PAST PRESIDENT</u> Glenn Simpson VE3DSP, 61 Briarwood Cr. Hamilton385-8478
<u>VICE PRESIDENT</u> Bob Dyer VE3KTY, 2015 Kingsbridge Ct. Burlington335-9403
<u>SECOND VP</u> Glen Gibson VE3FHQ, 1490 Upper Sherman Ave. Hamilton385-2786
<u>SECRETARY</u> Fred Robinson VE3GCP, 126 West 19th St. Hamilton388-1976
<u>TREASURER</u> Tom Feeney VE3KTP, 242 Golden Orchard Dr. Hamilton389-5164
<u>MEMBERSHIP DIRECTOR</u> Margaret Roy, RR2 Caledonia765-2814



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)

MEMBERSHIP

our membership. Chairperson reports that we have approx. 70 paid up members as of Jan. 1981. Don't forget to mail your cheque or see later. Joy at the meeting on Feb. 18 in the March Bulletin. I wish to be your last free leave.

February 18th, 1981

PUBLIC SERVICE

Our Speaker for tonight is Rae Baker VE3 CZN

The YAC will be holding their training session on Sunday April 26/81 starting at the Sir Allan MacIsaac school at 11 A.M. Ladies are 500 runners---this year probably many more will show up. The YAC will also have a special event by the club.

His Topic is:

Basic Test Equipment, Servicing Techniques and

How to Solder (the right way)

As I look through the window, the sun is shining, the temperature is below zero --- the perfect day for putting up antennas.

Past issues of the Club Bulletin contains the new constitution, which was ammended at the constitution meeting held at the C.N.I.B. Now we are ahead of the rest of the Nation --- we have our constitution and it will be put to the formal vote at the March meeting. My thanks to Fred VE3 GCP and to the many members for their help and patience in formulating this book of rules for us to use to carry out our duties.

At the January meeting it was agreed that we would raise funds to replace our repeater VE3 DRW and add some of the nice toys which are available, such as an Auto Patch, Link and other goodies. If you have been stuck on the Queen Elizabeth Highway, with a car that won't work, and you are speeding to the airport to meet someone and no-one is on DRW --- you would then appreciate the Auto Patch. If you are on 14,140 and someone needs to patch urgent traffic into Toronto and you are in the shack with 1 1/2 watts on 2 meters it's nice to have a RPT link to call and see if you can raise a Toronto ham to help --- after all we are supposed to be able to communicate. In order to achieve these aims we need to raise money and there are many ways to raise money. May I suggest one? Look around the shack, do you see a treasure that could be sold with the proceeds donated to the repeater fund? If every member could raise \$20.00 in this or any other way, we would have \$4,000.00. Simple isn't it?

On the subject of money --- our 1981 dues are now due. Please make your cheque payable to the club and mail it to: P. O. Box 253 Hamilton, On L8N 3C8.

The Club's successful operation depends upon membership participation --- so come out and participate!

Best 73

Gerry VE3 HLT

THE HAMILTON AMATEUR RADIO CLUB REPEATER FUND
HAMILTON AMATEUR RADIO CLUB
P.O. BOX 253
HAMILTON, ONTARIO
L8N 3C8

c/o SAUDI TELEPHONE
DATA CENTRE
P.O. BOX 6350
RIYADH, SAUDI ARABIA

RIYADH, SA
1980-12-16

To all the members of the Hamilton Amateur Radio Club

Hello from Saudi Arabia! It's about time I wrote a letter back to the Hams in Hamilton. I received all four bulletins within two days just now and am pleased to read about all the good things going on. Thanks from both Willy and myself for the Christmas greetings - it's great to hear people remember. The holiday season will be kind of quiet here (my first two-day weekend off), but at least it will be warm (70-75°F maybe) and most likely sunny. Summer in July and August gets kind of warm - up to 50°C (120°F), but very nice fall, winter and spring.

I miss amateur radio, but in a couple of months I should at least have a good receiver and I'll listen in when North America comes in over here. Too bad I can't help give out a few QSL's for HZ! Congratulations to Gerry VE3HLI and rest of the new Directors. By the way, you have my proxy voting in favour of the new constitution and also Mike VE3LWS's plans for repeater services in Hamilton; I look forward to coming back and using them.

Congratulations to those with new harmonics. Hope Mary is back to normal Peter; give her my regards and wishes for a speedy recovery.

Life here in Riyadh is certainly different from Hamilton, but no real difficulties. Anything I want is available except for most forms of entertainment we take for granted, including amateur radio. If I'm lucky, I may get to visit the home of one of the few Saudi Arabians who has a license (inshallah!). I'll try to organize my thoughts some time in the near future and give you a better account of what it's like here, but I'll save that for another letter - maybe something George can use to fill out his spare pages in the bulletin.

Merry Christmas and a happy new year to all!

And, no, I don't miss the snow and gas (car and home) bills.

P.S. Gasoline here is 21 hallalah's a litre (that's a little less than 8¢/litre!)

Dave Rypma
VE3HTC/HZ

ma'assalameh

The Kitchener-Waterloo Amateur Radio Club has marked another breakthrough. Through the marvel of electronics the Editor is sending the text of their Bulletin from his computer to the IBM 370 at the University of Waterloo. Here the text is stored until Dave Allen VE3DUA is able to retrieve it by computer from his office. Here Dave is able to format the print style and print it using a quality printer.....The next step in communicating-----transmitting directly from Paul's (VE3AVY) computer to the Word Processing machine via the telephone is under way.....when does HARC start???????

THE HAMILTON AMATEUR RADIO CLUB INCORPORATED VE3DC

On Sunday morning in the early thirties, after the family was safely off to church, the boys of the Hamilton area would reach under their beds and pull out a couple of boxes. To the uninitiated, they would appear to contain scraps of wire and odd shaped bottles, nothing but junk. But in a few minutes, the 80 and 160 meter bands would suddenly come alive with chirps, scratches and even a few T-9 signals. The gang were in session. Such calls as 3JU, QU, YR, CJ, KM, VZ, IA, HP and many others were distinguishable. Those requiring help, asked for it, and got it. They would visit each other's QTH, giving assistance in getting those notes cleaned up and coaxing all possible electrons to head for the antenna.

Shortly after Xmas of 1932, they decided they should all get together regularly and iron out their problems. Back to the ether, went the gang, advertising the fact that they were going to organize a radio club. The first meeting was held at the home of VE3KM, Wibb Clemence, and a turn out of 45 amateurs was recorded. Thus, the Hamilton Amateur Radio Club was born and VE3HP, Art Ferguson, was elected president.

The year 1934 brought the Club's first Field Day activity which was held under canvas on Highway #2 at the QTH of VE3IA, Eric Farquhar. The HARC topped all other Canadian Clubs and took third place in the challenge from south of the border. Battery operated rigs were used and all nearby service stations with chargers were kept busy. The next five Field Days were also taken in grand style and a cup was presented to the club by the SCM of those days, Fred Saxon VE3SG. Later a permanent Field Day site was leased, Signal Hill. It is on one of the highest points of land in the vicinity and power was supplied by gasoline generators owned by VE3CJ, Noel Eaton. Also with Noel's assistance, two permanent shacks were built and are still in use. Now has given many Hams a new country towards DXCC when operating under his other call, VP5BP from the Cayman Islands.

Club meetings were held in the homes of various members in the early years, but with a growing attendance, they were moved to the Westminster Hall and later to the Moose Hall which was destroyed by fire. Many of the Clubs records along with its Charter were lost. Future meetings were held at the S.O.E. Hall until the war started when they moved to McMaster University. At that period, membership soared to nearly 130. Several moves were made after the war and the club now meets at H.M.C.S. Star, Hamilton's naval reserve base.

The year 1958 was a full one for the Club. The largest project was the taking on of an ARRL convention. This was held in October and turned out to be a tremendous success. Led by the 1958 President, VE3AZH Jim Musselman, Convention Chairman VE3KM, Secretary VE3CEC and ~~W~~ Treasurer VE3DJE, the Club did a bang up job. Attendance included visitors from as ~~xx~~ far away as VE1 land as well as several from W land.

In August the annual picnic and transmitter hunt was held. The usual Wx prevailed-wet, however, it did not dampen the spirit of the mobiles as they arrived from all parts of Ontario. To complete the year a Christmas party and dance was held at the Royal Hamilton Yatch Club.

DON'T FORGET YOUR DUES.....MARCH WILL BE YOUR LAST FREE ISSUE.....

SWAP SHOP CONT'd

VE3EKY Bernie 527-7175
- Heathkit SB-102, 5 band xcvr c/w CW filter, HP-23 power supply, SB-600 speaker and manual \$450

VE3LJL Gord 387-0092
- Ten Tec Powermite Model PM-3A, 20/40 meter QRP CW Xcvr \$50 Neg.
- Mosely TA-33Jr Tri-Band Beam \$100 Neg.

VE3FWX John 828-1086
- Drake UV-3 144-220-450 MHz, fully synthesized Xcvr c/w Drake Matching supply, T.T. Mike, Trunk Mtg kit, mobile brackets c/w service man. \$1200

VE3GFB Stan 528-4002
- Systcoms VTR-10 non-converted two-way radio c/w manual \$50
- Waters Pre-amp for mike \$15
- Armaco Bug type key \$15

VE3DEG Mike 751-0438 T.O.
- Kenwood R-300A Solid State Rcvr, General Coverage, 170 KHz - 30 MHz, c/w noise blanker, BFO, manual \$250
- Hallicrafters S-85 Gen. Coverage Rcvr with manual \$80

VE3BHI Walter 519-623-1993
- TR-4C Drake Xcvr with Pwr supply & spkr, manual \$600

WANTED SECTION

VE3GVG Caneron 628-6125
- 4 position coax switch

VE3AAL Horace 547-3555
- Modulation Xfmr for Johnson Ranger Transmitter Part # 22.986
- Pair 1614 tubes

VE3MMC Ken 388-3117
- Yaseau ~~SW~~ SP-101 PB spkr-phone patch

VE3LJL Gord 387-0092
- Info for Western Electric 701A Tube
- Large Air Variable capacitor for plate tuning of 2 KW amplifier.

VE3ITJ Arunis 388-8658
- Mobile bumper mount for Low Band Antenna

VE3FBK Earl 519-426-5966
- NCX-A AC power supply for National NCX-3/5 xcvr

** The Swap Shop Administrative Staff is in need of assistance. At least two additional people are required to help in running the Swap Shop on Weds evening on VE3DRW. If you are interested and/or available, please contact Norm VE3CZI @ 388-9813

SWAP SHOP -- FOR SALE

- VE3GVG Cameron 628-6125
 - Hallicrafters SX-190 Ham Band Rcvr; Hallicrafters HT-37 Transmitter, HD-10 Keyer c/w T-R Relay, mike and manuals \$400
- VE3ISZ Fred 827-6824 Oakville
 - Heathkit HG-10 VFO, EICO 720 CW Transmitter, 60 Watts \$60
- VE3VK Fred 226-3265
 - Heathkit SB-102 Xcvr c/w xtal filter, speaker & power supply \$500
- VE3GFE Stan 528-4002
 - Armaco Model 131 Mike \$3
 - Motorola Mobile Mike \$4
- VE3OI Bob 627-1435
 - Kenwood TS-520S Xcvr with manual. Mint Condx. \$850
- VE3AJS Terry 753-5710
 - Radio Shack AX-190 Rcvr with spkr. Mint Condx. \$225
 - Heathkit HW-12 80 Meter Xcvr. Heathkit HW-32 20 Meter Xcvr, c/w AC & DC Power Supplys. Package Deal \$300
- VE3JUO Don 628-6839
 - Realistic DX-160 5 Band Communications Rcvr with manual \$150
- VE3BUO Don 628-8485
 - Heathkit SB-100 xcvr with HP-23 Pwr supply, HP-13 Pwr supply, spare tubes & manual \$375
- VE3FCU Bob 765-4364 Caledonia
 - HYE Viking Keyer Model SSk-1-K with 1 memory \$95
- VE3BJN Bob contact Stan 527-8420
 - TR-7200A with 11 sets xtals with manual \$200
- VE3JTM Orville 549-6066
 - Yaseau FT-202R 2 meter portable with 3 sets xtals, carrying case, nicads & charger with manual \$175
- VE3FGU Mike 699-6355 T.O.
 - FT-200 Xcvr covers 80 - 10 meters, AM-CW-SSB with mike, pwr supply and manual \$500
- VE3IUD Jack 627-0816
 - Murch Matchbox, 1 KW capability \$130
 - Dentron Model WP-1A SWR-Power meter \$150
 - Cloverleaf Horiz polarized 2 meter antenna \$15
 - Hy-Gain Roto-Brakd Antenna Rotor, needs reaprs with manual \$35
 - Hy-Gain HY-Tower 80-10 meter Vertical in form of a tower, in need of repair \$50
- VE3FKN Frank 844-6875 Oakville
 - Heathkit Twoer with RF meter, 10 sets xtals \$10
- VE3QE Les 545-1643
 - Armaco PT-2, in-line, RF Prc-Amp, 160 - 2 meters c/w manual \$75

The Hamilton and Area Packet Network

The initial meeting of the H. A. P. N. was held on Sunday, January 25th at C. C. I. W. 15 of the 24 notified people were in attendance, and several decisions were reached by the group.

- 1) no formal organization would be required until the group had some financial liabilities - such as repeater hardware, etc.
- 2) 146.46 would continue in use (subject to prior occupancy) for minimal point-to-point operations and bringing up new systems, as well as the voice net while the new operations related to the station and repeater installation would be conducted on 145.65 in order not to interfere with existing operators. (The group felt that a low-cost entry point into packet operations should always be maintained via 2 metres even after the move to 220 or 420)
- 3) The next meeting should be held in 4 to 6 weeks and thereafter at quarterly intervals.

A brag sheet was collected and the indicated interests in use of the packet network are tabulated below, favorite first. (The popularity can be judged by the numbers responding positively)

file transfer between systems	12
message centre	10
packet video (digital TV)	9
interactive graphics	7
games and simulations	7
on-line bulletin composition	7
RTTY replacement (HF gateway)	6
on-line classified ads (swap)	6
packet voice	5
VE2, VE7 gateways (eg satellite)	5
CBBS	4

A substantial bulletin was published and mailed (people at the meeting threw a few dollars each into the pot to help with mailings) and the first segments of the Packet Bibliography were included.

Further information is available from Stu Beal, 335-3461.

WANTED

- IC 245 SSP adapter
- 80 to 140 watt range two metre amplifier (12 V)
- Ham-K rotator
- George VE3DLG
- 383-7338

THE H.A.R.C. - VE3DC Cont'd

The 1959 season was headed by President George Clark VE3ELA, Vice-President Walt Dougherty VE3EIA, Sec-Tres: Stu Graves VE3EIK; Directors: Les Don VE3COV, Fred Spring VE3?, Harry Johnson VE3? and Bob Wilson VE3CIB. Code training classes were held each week and projects included mobile rigs, d/f loops and hi-pass filters. VE3EIA is busy getting a TV transmitter ready for 440 megs and expects to have it on the air in the early spring.

AREC exercises are held monthly, the corps boasts a membership of 32 and have headquarters at the local Red Cross. Mobiles are always ready to go and the AREC has been called in on several emergencies.

The Club is very fortunate in having the Ontario QSL Manager VE3QE Les Whethan as a member. Les handles many thousands of cards each year and finds it a most interesting job.

(Editor's Note: This article was originally written by Stu Graves VE3EIK now VE3SG. It was copied from "The Canadian Amateur" March 1959 issue. This was a magazine that originated from Vancouver B.C. during the late '50s and early '60s. My thanks to Norm VE3BAS for bringing the article to our attention and lending the original for copying.)

Let us not be carried away by the computer age! Remember that it was the human brain that made and developed the electronic marvels that respond to our commands and programs today, and that some human brain is one of the greatest mysteries in the world. In the future, one of the awe-inspiring computers will be contrived by that same human brain to do almost everything needed, but will not ever have the power or capacity to recall backwards in time and project what has gone on in the world previously. They will always be programmed and controlled by human force, and can only produce what is put into them, marvelous as they may seem. Credit: RTTY News

WHAT'S YOUR PROJECT?

After the evening meal is done, and you disappear into your "Ham" Retreat, What's your project? No matter what aspect of our diverse hobby you are working with, be it RTTY, SSTV, CW, Phone, Contest, etc, there are others within the club that are also interested in your aspect of Amateur Radio. More particularly, What's your project?, If you are sitting x in your shack, building that foo-foo valve for your thing-a-ma-bob how about letting someone else in on your project! It's more fun to have a project that 3 or 4 are all working on, perhaps someone else in the club knows more about what you are doing than you do, and your frustrations could be reduced! Take a few minutes and let the editor know of your project, by letter or phone call; or call Stan VE3GFE. A list can be printed in the bulletin to get you project builders together. So if you are working on a synthesizer, design of new antenna, frequency counter, getting into RTTY or SSTV or computers, let us know What's your project?