

The Hamilton Amateur

MEETING OCTOBER 19, 1994
NASH AUDITORIUM, CHEDOKE HOSPITAL
8.00 PM
SPEAKER: GEORGE SPENCER VE3AGS
TOPIC: IARU/RAC

EXECUTIVE 94-95

PRESIDENT	Lorraine MacPherson	VA3NZ	389-7653
PAST PRESIDENT	David Bruton	VE3DWJ	383-9808
VICE PRESIDENT	Bob Tenty	VE3TOK	385-4817
VICE PRESIDENT	Fiore Manga	VE3OQG	578-1789
SECRETARY	Jason Clarke	VE3ZYD	544-9970
TREASURER	Joe Urbanski	VE3OCD	388-8383
MEMBERSHIP	Bill Court	VE3WVC	572-3755

HARC COMMITTEE CHAIRPERSONS

HISTORICAL:	VA3GO	George Olenick	383-7338
BULLETIN EDITOR:	VE3SON	Jim Walsh	689-6839
EDUCATION:	VE3EKY	Bernie Granby	527-7175
HEALTH AND WELFARE:	SWL	Ellen Reinke	522-8909
PROGRAMS:			
HOSPITALITY CO-ORD:	VE3OGQ	Mary Urbanski	388-8383
SWAP NET CONTROL:	VE3ZYD	Jason Clarke	544-9970
REPEATER:	VE3OCY	Don Graziano	
EMERGENCY CO-ORD:	VE3EIK	Pat Brennan	561-5413
VE3DC Licencee:	VE3FHQ	Glen Gibson	385-2786
VE3NCF Licencee:	VE3MWH	Mark Gibson	389-4308
VE3RCB Licencee:	VE3EIK	Pat Brennan	561-5413
DELEGATED EXAMINERS:			
	VE3EKY	Bernie Granby	527-7175
	VA3NZ	Lorraine Macpherson	389-7653
FIELD DAY CO-ORD:			OPEN
FLEAMARKET 94:	VE3WVC	Bill Court	572-3755
PROPERTY:	VE3AHQ	Mike Panopolous	544-6796
PUBLIC LIASONS:	VE3PFT	Paul Coppin	627-5672
AWARDS & CONTESTS:	VE3AHQ	Mike Panopolous	544-6796
TECHNICAL:	VA3SP	Mike Spenuk	304-0980

The Hamilton Amateur Radio Club
General Meeting Minutes:
Sept. 21, 1994

The Hamilton A.R.C. met at the Nash Auditorium on Sept. 21, 1994. The meeting was opened by the Vice-President, Fiore, VE3OQG, at 8:15pm.

The President, Lorraine VA3NZ, welcomed all the new Executive members. Lorraine asked if the membership would accept the minutes, as published in the bulletin. Motion to accept, Fred VE3GCP and seconded by Joe VE3OCD.

Lorraine reminds us about the "PL259 Soldering Contest" for October. There were no entries at this meeting, and she hopes to see you bring your best soldered PL259 with about 2"-3" piece of coax. There will be a small prize for the best one entered in the contest.... So get Soldering!!

Bob VE3TOK, welcomed Pat Brennan, VE3EIK, to the stand. Pat spoke about the relocating of the club station VE3RCB, to the Mohawk College. Pat says that we have until the end of this month, till we have to be relocated, from the Red Cross. He says that he is pretty much positive that we will get Mohawk College as our new home. The antenna's at the Red Cross will be left on the roof for emergency purposes.

Jason VE3ZYD, read a letter that came from the VE3CNE Committee. The letter stated that over 400 Amateur Radio Operators from over 20 Clubs, staffed the VE3CNE Communications Display from Aug. 19-Sept. 5/94 at 10am-9pm. We contacted over 30 countries, 9 Provinces, and 35 States. "On behalf of the VE3CNE Committee, I Geoffery Smith (VA3GS), want to thank the members of the Hamilton A.R.C. for their participation in VE3CNE '94 on Sept. 4/94."

Lorraine is requesting that anybody that doesn't have a ride to the club meetings, and the people who are willing to help these people get to the meetings, to PLEASE call either VE3ZYD Jason or VA3NZ Lorraine, to make necessary arrangements. Then we can pair you up with someone close to you, and get more poeple to the general meetings.

Coffee Break at 9:10pm

Meeting resumed 9:50pm. The treasurers report was read by Joe VE3OCD and the report indicates that the club has \$2050.12 in the bank. Motion to accept by Bob VE3TOK and seconded by Fiore VE3OQG.

OLD BUSINESS:

No old business

NEW BUSINESS:

Fred VE3GCP thought that it would be a good idea that the club transfer the old Flea Market account to the Club general account. Jeff VE3NVY reports that the membership has 51 paid members and is reminding all that it is a new year, and that your membership fees are due. Please submit your membership dues by Nov. 1, 1994.

Motion to Adjourn... Fred VE3GCP and seconded by Joe VE3OCD

Lorraine Macpherson VA3NZ
President

Jason Clarke VE3ZYD
Secretary

Events for 1994/95

Oct	Fleamarket October 8/94 Hope you were there.
Nov	Nov 8 Deadline for the Art Ferguson Trophy
Dec	Students have you entry in for the H.A.R.C. Scholarship. Christmas Party - 14th at Burbanks more info later.
Mar	Around the Bay Race
May	Home brew night
June	Elections Field Day

Same contest new month.

I hope to see some one arrive ready to enter last months contest. Here are the rules again. The rules are simple the contest easy.

PL259 connector soldering contest. Bring a short piece of cable with a connector (PL259) soldered on it and enter Your handy work in the contest. RG58 or 213/RG8 cable new or recycled connector.

Presidents Report for October, 1994

Here we are starting 1994/95, a new year with thousands of ideas and now enough time to try them all. Come along to the meetings and see your friends or meet new ones.

The suggestion box met with mixed results. Suggestions dropped were all constructive. We have member who wishes to start a 2 hour technical night to be held on a non club night. This is an excellent idea and with Mohawk looming on the horizon projects too? Pat VE3EIK has been giving generously of his time in regard to finding a new home for the club and Emergency Preparedness. Please fill in a form and join the exercises planned for this activity.

Do you need transportation to club meetings? Please let one of the executive know and we will try our best to arrange something for you.

Lorraine MacPherson, VA3NZ

Request for Comments regarding the Club's Repeater Activities

As this is the start of a new year for the Club, it seems an appropriate time to review our repeater activities.

When the 2m repeater was originally installed at its present location, handheld transceivers were virtually unheard of. Times have certainly changed: it seems most users of the Club's repeater now use a handheld.

Throughout the 70's and most of the 80's it was most common to hear a mobile station running between 10 and 25 watts. The latter part of the 80's brought increased handheld usage as well as higher power mobile radios, creating a great variation in user operating conditions. The 25 watt effective radiated power (ERP) mobile station is still the expected user configuration; any variation in the user station leads to an imbalance between receive and transmit capability.

As the Club's repeater operation was one of the first in the area, it was deemed important to have as wide an area of coverage as possible. Hence the decision to locate the repeater antenna about 200 metres above Lake Ontario. The typical mobile station range of 50-60 km confirms the desired, extensive coverage area. However, there are numerous dead spots for handheld users throughout the city.

From a communications perspective, Hamilton being a bilevel city presents a difficult problem, especially if both far and near coverage is desired. For the amateur grade handheld user, communications within the city is often an impossibility due to the congested RF spectrum and poor receiver design. But of those capable of hearing our repeater, many experience the frustration of not being able to 'get back into it' (due to the imbalance between the repeater's ERP and the user's ERP).

Apparently there is an inconsistency between the typical user configuration and the 2m repeater's configuration. The purpose of this note is to solicit response from users of the Club's 2m repeater. Here are some questions which will assist us in determining the direction of change, or if change is desired. Please take a moment to consider the following.

1. What are your operational parameters when using the 2m repeater?
 - 1.1. Do you normally use a handheld, a mobile, or do you operate from a fixed station?
 - 1.2. What is your usual output power (ERP)?
 - 1.3. From what general area or areas of town do you normally access the repeater?
2. From what area or areas have you found it difficult to utilize the repeater?
3. It is not possible to increase the 2m repeater's range capability without causing interference to cochannel operations. However, enhancing the city coverage is technically possible.
 - 3.1. Should any enhancement of city coverage be made at the expense of distant coverage?
 - 3.2. Is it worthwhile to pursue changing/enhancing city coverage of the repeater in consideration of the difficulty in operating handheld and even mobile transceivers in many parts of the city?
4. Should effort be exerted to build an enhanced, 70cm repeater system which would provide handheld coverage throughout the city?
5. What are your suggestions for changes which would benefit your use of the repeater?

Write a letter (to the Club's PO box), or telephone (304-0980) in your input. This is an opportunity to express your opinion. Don't miss out!

73, Mike (VA3SP)



RADIO AMATEURS OF CANADA
RADIO AMATEURS DU CANADA
 P.O. BOX 356 KINGSTON, ONT, K7L 4W2
 MEMBER SOCIETY OF THE INTERNATIONAL AMATEUR RADIO UNION

Ares Registration

Name.....Call Sign.....Home Phone.....Bus.Phone.....

Address.....City.....Province.....Post Code.....

License Type.....

County.....

Can your base station operate without commercial power? YES.....NO.....

Do you have spare batteries for your HandHeld? YES.....NO.....

Do you have other ways to serve ARES?

Signature.....

Date.....

	160m	80m	40m	20m	15m	10m	6m	2m	1.25m	70cm	33cm	23cm
PORTABLE HANDHELD												
MOBILE												
BASE												
CW												
PHONE												
PACKET												
AMTOR												
RTTY												
FSTV												

Detach and send form to your E.C. (if known) or RAC.

Please mark with 'X' as relevant

To all Radio Amateurs:

The Amateur Radio Emergency Service (ARES) is a voluntary organization of licensed radio amateurs who have registered their capabilities and equipment for providing emergency communications as a public service to the community.

The purpose of ARES is to furnish communications in the event of natural disaster when regular communications fail or are inadequate.

Sponsored by RAC, the ARES functions at the local level to meet local communications needs.

The ARES has a long history of public service going back to its formal inception in 1935. Since that time the ARES has responded countless times to communications emergencies. Experience has proven that radio amateurs respond more capably in time of emergency when practice has been conducted in an organized group.

There is no substitute for experience gained before the need arises.

The ARES in each locality operates under the direction of the Emergency Coordinator (EC), whose function is to direct the activities of the ARES to maintain a state of readiness.

To register in the ARES, send or give the detachable Registration Form above directly to your EC, or to RAC Headquarters for forwarding to your EC.

Membership in RAC is desirable but not required for registration.

Registration does not require possession of any special equipment. All amateurs can be of assistance to the ARES.

There is provision in the ARES for every amateur regardless of class of license, equipment owned, or personal circumstances.

Won't you join us in providing this essential Amateur Radio Service?

SWAPSHOP

Sorry, this issue will not have a swapshop. I leave this to the last minute in order to get the latest information from our club bulletin board via a modem. For reasons as yet unknown I can connect and see the bulletin but can not download it to my computer. I do not have time to make other arrangements and get this issue in the mail on time.

JIM VE3SON

Membership Dues.

This is the last issue that you will receive if you have not paid your membership dues. You can pay at the meeting or mail to the club address attention Membership.

For the October meeting George Spencer VE3AGS will give us a presentation about the International Association Of Radio Amateurs {IARU} with slides and video.

George was Vice President International Affairs of Radio Amateurs Of Canada until last month. RAC is the Canadian member of IARU. HARC is affiliated with RAC.

IARU was created in 1925 and is the guardian spokesman for the world wide amateur radio community. Its objectives are the promotion and advancement of amateurs and amateur radio, especially in the regulations of the International Telegraph Union {ITU} -which is part of the United Nations- and to provide support at the international level.

IARU is the most important organization in amateur radio

BOB VE3TOK

JOTA 94

For the 37th year Boy and Girl Scouts around the world will contact each other to exchange information about their whereabouts, themselves and their activities.

JOTA will begin Saturday Oct 15 at 0000 hours local time and continue to Sunday Oct 16 at 2400 hours local time.

Our club will set up a station for HF and packet at Camp Nemo {Appleby or Rovers Nest Cabin} for the Hamilton Wentworth Region of Scouts Canada.

We will operate on Sunday OCT 16 only, because of other Scout activities {Apple Day Saturday} going on in the region.

Call Bob VE3TOK for more information at 385-4817.

SPECIAL PREFIX FOR OCTOBER TILL DECEMBER, 1994....

From Dave Goodwin VE2ZP/VE9CB
RAC HF contest Manager:

To mark the United Nations' International Year of the Family, Industry Canada, Quebec Region has authorized all Canadian Amateurs to use special prefixes.

From 0000 UTC October 29, 1994 through to 2359 UTC December 29, 1994, Canadian Amateurs may replace their Regular prefix with a Special prefix as follows:

Regular Prefix: Special Prefix:

VA2	VB2
VA3	VB3
VA7	VB7
VE1	VG1
VE2	VG2
VE3	VG3
VE4	VG4
VE5	VG5
VE6	VG6
VE7	VG7
VE8	VG8
VE9	VG9
VO1	XO9
VO2	XO0
VY1	XN9
VY2	XN0

JOIN ARES

The Amateur Radio hobby provides its participants with the privilege to use the public airways to communicate in various modes with co-hobbyists within the local community, the nation and the world. From its inception the hobby has naturally found itself using its powers of communication to assist in local, national and international disasters and emergencies. It was, therefore, logical that Amateur Radio would adopt a structure for providing communication to deal with disasters and emergencies. Thus emerged ARES, NTS and, in the U.S. the RACES.

In Hamilton-Wentworth, with its large (and not-so-large) urban centres, its extensive rural fringe and its diversified industrial and transportation facilities, it is inevitable that emergencies, disasters and significant events will occur, though, hopefully, rarely. They will occur, however, and thus organization, discipline, structure, skills and procedures will be required to effectively participate in providing communication systems to support the services needed to cope with the results of such events.

The amateur radio operators in this Region have at their disposal a wealth of communications apparatus, links, modes and skills. We believe that many of these operators will want to be effective in supporting communications in the event of local need. They will, also, want to present a public image of discipline, skill and effectiveness. Some of these ingredients have been demonstrated in supporting local events annually and by our well organised Field Day. We are not, therefore, starting from ground zero.

We have, therefore, established an ARES unit to serve Hamilton-Wentworth. Your support and affirmation of this initiative is requested. An effective and efficient ARES unit will do much to increase the credibility and influence of Amateur Radio and to develop the skills and attitudes of our members.

While it is expected that members of the HARC will participate we hope that those who are not members of the club will also join the local hams in making this venture a success. We particularly invite the participation of hams who have been active in the past in such activities either through amateur radio or through the nature of their jobs.

ARES is a subsection of RAC, our national organization. Please offer your services and participate in the training and development programme. It will make little demand on your time and will help you to learn new skills or hone old ones. Let's show the community that we have something to offer in return for the pleasures we enjoy in pursuing the hobby. Let's make Hamilton-Wentworth HAMILTON etc.

NOTE: A copy of the ARES Registration form is enclosed. Please complete it and forward to VE3EIK, 141 COUNTRY CLUB DRIVE, HAMILTON, L8K 5W4. Packet VE3EIK@VE3DTV.#SCON.ON.CAN

THE HAMILTON AMATEUR RADIO CLUB

P.O. BOX 91215, Effort Square Postal Outlet, Hamilton, Ont. L8N 4G4

Club Meetings: Meetings are held the third Wednesday of each month except July and August at the Nash Auditorium, Chedoke Hospital. Time 8.00 pm. Non members and friends are welcome, coffee and donuts on the house.

Executive meetings: The Board of Directors meets at 7.30 pm on the fourth Wednesday of each month except July and August in the Radio Room, Red Cross Building, 400 King St. E. Members are encouraged to attend.

Club station: The HARC maintains an emergency radio room in the Red Cross building, 400 King St. E.

Membership: Membership costs \$25.00 per club year, 1 September to 31 August. Additional family members {no bulletin} are 1.00 per year.

Education & license testing: Amateur radio license are conducted. License testing through the club is performed on the second Tuesday by appointment. Contact the appropriate person listed on the front cover. Just testee and testor to be present at the time of testing.

Repeater: VE3NCF 146.760 MHz {input -600}, located on the Hamilton escarpment is available for use by all amateurs. Special features {mail box, link info} are privileges of membership. Part of the VE3RPT link system. Contact the executive for codes.

Field Day: The HARC operates a multi station site during the Field Day. Contact the coordinator on the front page for information.

Swap Net: A swap net is held on VE3NCF every Tuesday night at 8.00 pm except during the summer. The buy and sell listings are also available on the club packet BBS VE3DC operated by VE3JSJ on 145.590 or via modem 575-4745.

Fleamarket: A fleamarket is held during October each year, usually at the Ancaster Fairground. Date will be announced in future bulletins.

Bulletin: The Hamilton Amateur, the official news bulletin of the Club is published ten times a year and sent to all members {families share a bulletin}.

Crests: Anyone wanting a Club Crest or a Club Certificate see membership chairperson listed on the front cover.