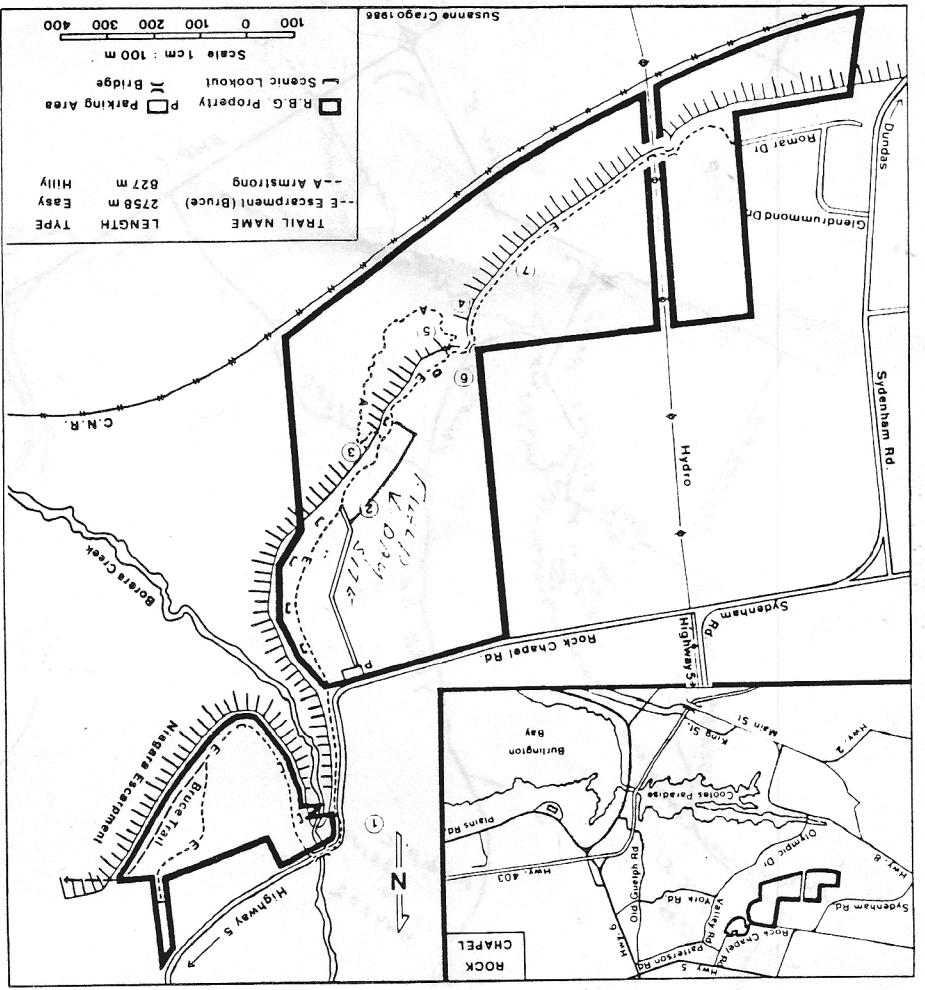


ROCK CHAPEL TRAIL GUIDE

Royal Botanical Gardens



The

Hamilton

Amateur

June 1989

(Established 1932)

CLUB MEETING

21 June 1989

Field Day 1989!

Final preparations for Field Day; some history from past events; some guidelines for the Rock Chapel site; how to get there...

HARC EXECUTIVE FOR 1989:

PRESIDENT:	VE3HTC	Dave Rymna	689-3014
PAST PRESIDENT:	VE3DOX	Everett Engleht	578-2458
1st VICE PRESIDENT:	VE3JTO	Michael Spenuk	389-1760
2nd VICE PRESIDENT:	VE3JHF	Paul Fleck	Auto DI 80
SECRETARY:	VE3ELM	Grant Sewell	335-4034
TREASURER:	VE3SRK	Richard Leah	347-4876
MEMBERSHIP:	VE3JSJ	Gordon Murray	575-3647

HARC COMMITTEE CHAIRPERSONS FOR 1989:

AWARDS & CONTESTS:	VE3AAH	Gordon Barber	383-9161
HISTORIAN:	VE3BLG	George Orlentk	383-7338
PROPERTY:	VE3ARX	Bill McCaslin	634-5190
BULLETIN EDITOR:	VE3SON	Jim Walsh	689-6839
EDUCATION:	VE3FHQ	Glen Gibson	385-2766
EMERG. COMMUNICATIONS:	VE3ANC	Paul Hazen	664-5247
FLEA MARKET:	VE3ANW	Robert Clarke	Auto DI 34
HEALTH & WELFARE:	VE3LMS	Grant Sewell	335-4034
PROGRAMS:	VE3JFO	Stan Bolbruch	528-4002
PUBLIC SERVICE:	VE3JTG	Michael Spenuk	389-1760
PUBLICITY:	VE3GCP	Fred Robinson	379-5197
REFRESHMENTS:	VE3DSP	Volunteers needed!	
REPEATER:	VE3BYM	Glenn Simpson	385-8478
SWAP NET CONTROL:	VE3MWH	Ralph Tufts	389-5146
TECHNICAL:	VE3HTE	Mark Gibson	389-4308
		Paul Fleck	Auto DI 80
		Glenn Gibson	385-2786
VE3DC LICENCEE:	VE3HPQ	Glenn Simpson	385-8478
VE3NC LICENCEE:	VE3DSP	John Simpson	385-0422
VE3RCB LICENCEE:	VE3FDK	John Kassay	385-2034
CODE TESTING:	VE3CIB	Bob Wilson	385-5661
	VE3BK	Norm Smith	

The Swap Shop (Continued)

ITEMS WANTED. CONTACT RALPH, VE3BYM 388-6146 (Hamilton).
UPDATED 890527.

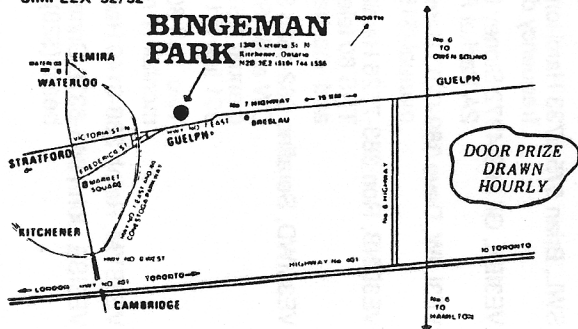
- VE3EGL, Ken 387-3022 Hamilton: Magnetic mount for 10 meter mobile.
 VE3JWS, John 628-8927 Dundas: Dummy load, 2 position rotary coax switch, 10 pin male plug for a Kenwood TS820 transceiver.
 VE3DNB, Ron 383-7526 Hamilton: SWR/PWR meter.
 VE3EXR, Sid 545-0539 Hamilton: Commodore 1541 drive, would like two.
 VE3APT, Bill 734-9216 Welland: FM board, for TS430S, MC85, 60A desk mike.
 VE3NCK, Bill 545-3579 Hamilton: 2 meter 3-element or 5-element beam, all channel TV antenna.
 VE3LEC, Harry 481-2070 Toronto: Two in number, 2-meter handfields, cheap.
 VE3KTP, Tom 648-1615 Ancaster: Larsen magnetic mount antenna for 2 meters.

THE 15th ANNUAL
**CENTRAL ONTARIO
 AMATEUR RADIO FLEAMARKET**
 JOINTLY SPONSERED BY:
 GUELPH AMATEUR RADIO CLUB KITCHENER-WATERLOO AMATEUR RADIO CLUB
SATURDAY, JUNE 10th, 1989
 8:00 A.M. to 2:00 P.M.
 DOORS OPEN TO VENDORS ONLY FROM 6:00 A.M.
 AT
"BINGEMAN PARK"
 1380 VICTORIA STREET NORTH - KITCHENER, ONTARIO

General Admission - - - \$5.00
 Table Rental for Vendors - \$8.00 per 8 ft. space
 (NO OUTSIDE VENDORS)
 (Children 12 Years and Under - FREE)

Talk in Frequency
 KSR - 146.37 - 146.97
 ZMG - 144.61 - 145.21
 SIMPLEX 52/52

Admission Ticket Includes
 ticket for Grand Draws



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The President's Message

It's almost summer again! Thoughts of antennas, Field Day and camping naturally come to mind. The weekend of 24-25 June is Field Day weekend: a time we use to test our state of readiness to provide full disaster communications as well as enjoy ourselves. Want to get involved? Would like to know more? Find out at the next club meeting on 21 June: it is dedicated to final preparations for this year's event and review of what went on in previous years.

This year, Field Day will be held at the Royal Botanical Gardens' Rock Chapel Sanctuary. This site is: natural, spectacular, isolated, high, close to Hamilton and surroundings... Lots of superlatives. The location sure beats anything I've seen for a Field Day site! Since the site is a NATURE SANCTUARY, we need to take special care to watch the effect we have on the environment: take your garbage back with you; don't drive on the grass (there is a roadway going right through the site); don't damage the trees, etc. A little common sense will go a long way. If we treat the place with care and respect, we can use it again. If we don't, we'll be looking for another site next year. Have fun with care. You will find a map showing you how to get there elsewhere in the bulletin. More information will also be available at the June meeting.

Last month you may have noticed a few pages out of sequence in the May Bulletin; our apologies - the printer had some inexperienced help which resulted in some mixed pages. We are taking steps to minimize both the occurrence and impact of such a mix-up (each page is numbered now). In future you might have to hunt for the next page, but at least you will have a page number to guide you!

A word of thanks: from the Salvation Army to all those who helped with the Red Shield Appeal on 01 May 1989. Major Anthony Barry sends his thanks in a letter to the Club.

This is the end of the first half of the club year already. The June Bulletin and Meeting (along with Field Day) closes activities until 20 September 1989 (except for members of the Executive committee who have an Exec Meeting on 23 August to prepare for the fall season). To all of you, have a great summer and I'll see you in the fall if not before.

I haven't had a chance to get started on the bulletin section devoted to reports from Committee Chairpersons yet; something that I hope to see in the September issue. As a result of vacations, business trips and such, this bulletin is going to press a little earlier than usual. I'm looking for input from Chairpersons to get this started.

See you 21 June 1989 for the meeting at the Nash Auditorium (and 24/25 June at the Rock Chapel Sanctuary)...

Dave Rypma, VE3HTC

HARC, June 1989

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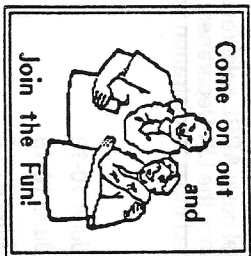
CANAL NATIONAL CONVENTION

Featuring Interesting And Exciting
SPEAKERS AND ENTERTAINMENT



Many Forums Including:

- Repeaters
- DX
- Packet Radio
- Amateur Satellite Communications
- EME (Earth-Moon-Earth)
- Amateur Radio Service / Restructuring in Canada
- Vendor Booths
- Indoor/Outdoor Flea Market
- Ladies/Childrens Program
- General Interest Displays
- Many Prizes And More . . .



AUGUST 18 - 19 - 20 1989

INTERNATIONAL INN 1808 WELLINGTON AVENUE AT BERRY
ADJACENT TO WINNIPEG INTERNATIONAL AIRPORT - WINNIPEG MANITOBA CANADA R4H 0G3

REGISTRATION BY MAIL OR IN PERSON BEGINNING AT 2 PM FRIDAY AUGUST 18

EARLY REGISTRATION (PRIOR TO JUNE 15) SPECIAL PRIZES

MAIN EVENTS ON SATURDAY 19 AUGUST FROM 9 AM TO 4 PM

BANQUET/ENTERTAINMENT ON SATURDAY EVENING FROM 7 PM TO 1

BREAKFAST AND CLOSING WITH ENTERTAINMENT ON SUNDAY MORNING 9 AM TO NOON

ATTRACTIONS IN WINNIPEG AREA SUCH AS THE WORLD FAMOUS FOLKLARAMA FESTIVAL, VISIT OF THE GIANT PANDAS FROM CHINA AT ASSINIBOINE ZOO, EXCELLENT MUSEUMS, LARGE MODERN SHOPPING CENTRES, BEACHES AND CAMPING NEARBY.

Send Registration Form To: The Winnipeg Amateur Radio Club Inc. c/o
Ed Henderson, VE4YU, Chairman, CONVENTION 89, P. O. Box 352, Winnipeg MB R3C 2H6
Please Enclose Cheque or Money Order With Registration

NAME _____ ADDRESS _____

CITY _____ PROV/STATE _____ P CODE/ZIP _____

BASIC REGISTRATION (\$10.00 per person) # _____ at \$10.00 = \$ _____

BANQUET (\$25.00 per person) # _____ at \$25.00 = \$ _____

BREAKFAST (\$10.00 per person) # _____ at \$10.00 = \$ _____

FLEA MARKET SPACE (\$15.00 per space) # _____ at \$15.00 = \$ _____

TOTAL AMOUNT ENCLOSED = \$ _____

VARIOUS LADIES/CHILDRENS PROGRAMS WILL TAKE PLACE (SOME FEES REQUIRED)

I WOULD LIKE HOTEL RESERVATION INFORMATION (SPECIAL CONVENTION RATE IS \$87.00 SINGLE OR DOUBLE PER NIGHT)

FROM THE BULLETIN BOARDS - 2

Amateur-Satellite on a world-wide basis. While U.S. Amateurs may be the first to feel the pinch especially at 902-928 MHz, Canadians will be a close second. Recall the D.O.C. proposal to allow wireless office communications operations in the 902-928 Mhz band. While CARF filed a brief on that proposal, D.O.C. has made no policy decision as yet. The FCC action just raises the pressure favouring that operation since it would also be permitted in the States under the new Part 15. Amateurs around the world will eventually feel the effects as the pressure grows in other countries to use these bands also for similar unlicensed operations.

OLD CERTIFICATES TO BECOME VALID HEIRLOOMS. When the restructuring takes effect there is every probability that new Amateur certificates will not be issued to existing Amateurs. D.O.C. is anxious to save money. The validity of existing certificates will be recognized in the new Regulations and they will become heirlooms. Those who want their certificates to be endorsed for the sake of history should arrange for their nearest D.O.C. office to do it soon. Endorsements will no longer be granted the moment sub-bands are deregulated and Amateur privileges extended.

Sad News. A Silent Key. William C. (Bill) Munday, VE5WM of Regina, Sask. Bill was a popular CARF Assistant Regional Director.

A long-time CARF supporter and well-known Amateur, 82 year old Art Stark, VE3ZS, is gravely ill in an Ottawa Hospital.

INTERIM BAND PLANS RECOMMENDED FOR CANADIAN AMATEURS: Amateurs will recall that CARF has asked for input from Canadian Amateurs regarding the band plans they feel should be followed. Comments are being received. However, it now appears better to wait until after band deregulation takes effect and Canadian Amateurs have some experience before Canadian band plans are finally developed. In this way our plans will be more timely and certain to meet our needs under the new regulatory environment. CARF's current recommendation is that, as an interim measure, Canadian Amateurs continue to observe the divisions of the bands between narrow and wide bandwidth emissions as they are set out by D.O.C. in Schedule IX of the Radio Regulations published for Amateur use in Radio Information Circular 25. Canadian Amateurs can then give the matter of replacement plans the serious consideration it deserves without the rush of trying to meet a date for the start of band deregulation that is unknown. Obviously it would be unwise to accept the imposition of band plans which were formulated by an international organization in which the majority of Canadian Amateurs, country-wide, have not had the opportunity of prior input. Also these plans are not generally known in Canada and may not meet the unique needs of Canadians Amateurs. It is of greater importance for us to respect actual practice and usage patterns followed in Canada and world-wide in order not to cause undue interference. In taking its decision to deregulate the bands, it is quite obvious that the Department has every confidence in the ability of Canadian Amateurs to manage their spectrum, a view that it has expressed frequently over the past several years. Their opinion is well justified when the performance of Canadian Amateurs is compared to that of other users of radio across Canada. The statement that "the Department has a

clear responsibility for providing guidance" is being seen by Canadian Amateurs to be demeaning of their character and ability. That it is made by a Canadian Amateur or Canadian Amateur organization at the request of an American Amateur organization makes the wound much deeper.

Thanks to Bill Wilson, VE3NR in answer to worries regarding deregulation, Amateurs with a six month endorsement to use Packet Radio (F) will not lose that privilege. Aural or Direct Printing Radiotelegraphy, i.e.-Any kind of radiotelegraphy including packet, RTTY, helleschreiber etc, which one's brain finally receives aurally or visually will be allowed, provided bandwidth does not exceed 6kHz.

Communications Minister, Marcel Masse, reaffirmed Canada's position regarding its participation in the international Television French Speaking network TV5, just a few weeks before the Dakar (Senegal) Summit which hopes to unite the many French speaking countries of Africa with the French speaking world.

Heard a rumour that the I.A.R.U. has permitted membership to TWO National Amateur organizations from China(BY- Region 3). If this is true then we can have the same in Canada EH? Any info on this?

Your attention is directed to page 30 of May TCA, "Back in Business". Advertisements for Dentron and Atlas Radio in the U.S.A. are false as these companies are out of business. Canadian Amateurs here have been tricked by this ruse. BE WARNED!

FROM CRRL

Prefix hunters, take note! To commemorate the 50th Anniversary of QEW, the Queen Elizabeth Highway between Fort Erie and Toronto, Ontario amateurs may use the special prefix CH3 from 0400 UTC June 7 until 0400 July 7. And, to publicize the International Scout Jamboree being held this summer on Prince Edward Island, Prince Edward Island Amateur Radio Association will be on the air with the special call sign CJIPEI throughout July. Item 2 The Winnipeg DX Club offers a special award to amateurs who make 31 contacts, five each from Africa, Asia, Europe, North America, South America and Oceania, plus one from Antarctica. The five North American contacts have to be with members of Winnipeg DX Club and all contacts have to be made after January 1, 1970. Award consists of a personalized presentation case containing a \$1 coin issued by the Royal Canadian Mint in (where else?) Winnipeg. Send cards or a log summary verified by two amateurs, \$3 or ten IRCs to Award Custodian Ivan Morin, VE4IM, 749 Garwood Avenue, Winnipeg, MB R3M 1M4.

It's not too early to plan for this year's Field Day, June 24-25. If your club is affiliated with CRRL, you'll get Field Day forms automatically. Other clubs contact CRRL. Trophies? In addition to a new trophy for the Canadian station with the highest score regardless of entry class (sponsored by Nortown Amateur Radio Club of Toronto -- check CRRL Bulletin 15 for details), the station that takes top Canadian honours in Field Day Class 2A will be winner of an attractive trophy co-sponsored by VE1FO, Halifax ARC, and VE7CVA, Cowichan Valley ARC of Vancouver Island, British Columbia.






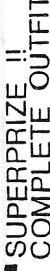
One US and one international note: ARRL celebrates its 75th birthday on May 14. And RSGB is trying to convince the UK Department of Transport to offer Amateur Radio licence plates (they call them "registration numbers" over there, hi). They should be available soon.

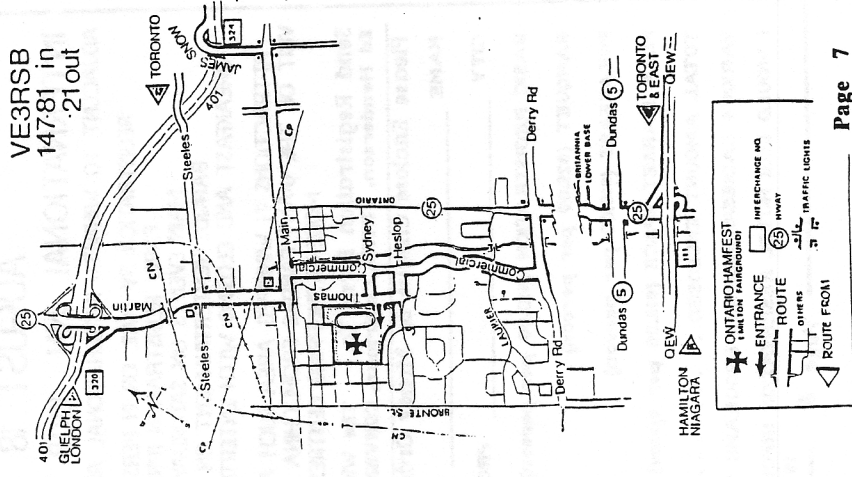
UPCOMING EVENTS:

- ARRL VHF QSO Party June 10-12
- Red Deer AB Picnic June 16-18
- ARRL Field Day June 24-25



MILTON FAIRGROUNDS
Saturday, July 8 1989

- 
PRIZES GALORE!
OVER \$2000 WORTH
- 
HOISTERS INTERNATIONAL
- 
BEEF
- 
WEEKEND CAMPING
10min walk to Downtown shops
- 
MORSE FORCE contest
- 
**SUPERPRIZE !!
COMPLETE OUTFIT**



FROM THE BULLETIN BOARDS - 1

FROM CARF NEWS

A new Radio Communication Act, identified as Bill C-6, is almost ready for passage into law. It is the same in substance as the one which died last August when the election was called. The proposal to establish ticket offenses, which may interest amateurs, was introduced in the last act but has been revised to provide more statutory protection to offenders. Otherwise, the changes are minor or editorial and include the splitting of some sections and the re-numbering of most sections. A section-by-section comparison is therefore not possible.

Amateurs and Consumers will benefit from this Act because it will place responsibility for the proper design and construction of "radio-sensitive" electronic equipment on manufacturers where it belongs. Amateurs should follow the passage of this Act through the House and support it with letters to their M.P. in order to forestall any attempts to weaken the Bill and the Government's control of radio susceptible equipment. Copies of the new Act should be available now from DOC Regional Offices.

Passage of this Bill is possible by summer 1989.

Ottawa - Communications Minister Marcel Masse today commended the significant role played by the Department of Communications in the development and adoption of a preliminary Canadian standard for arrangement of the alphabetical characters on computer keyboards. The standard, published under the title Canadian Keyboard Standard for the English and French Languages (Z243.200-1988) by the Canadian Standards Association (CSA) in December 1988, offers Canadians, for the first time, a single keyboard providing access to all characters used by the English and French languages. Users and manufacturers of computer and electronic equipment have long awaited the adoption of such a standard, which is the only CSA-recognized standard of the aforementioned keyboards. It has already received the support of the Ontario Ministry of Education, the Government of Quebec and Quebec school boards. The committee took into account Canadian cultural realities, the expanding field of computer communications, national and international standards and above all, Canadian requirements for an unambiguous, user-friendly keyboard with accented characters. Testing, as well as a survey of Anglophones and Francophones, confirmed that most people preferred the new keyboard.

CARF D.O.C. LIAISON:- is following closely an FCC plan to allow all kinds of low-powered unlicensed radio operations, under Part 15 Rules, to operate in six bands, four of which are now allocated to Amateurs. This will be done in an effort to expand the benefits to manufacturers and users of unlicensed devices of all kinds and to simplify FCC Rules. The first band is that at 902-928 Mhz currently allocated Amateur, Mobile except aeronautical mobile, and Radiolocation all secondary status as well as Fixed primary status in ITU Region 2. Other Part 15 operations will be allowed in bands at 2300-2450 Mhz now allocated Amateur secondary, Fixed, Mobile and Radiolocation primary world-wide and 5725-5850 Mhz now allocated Amateur secondary and Radiolocation primary in Regions 2 and 3. Part of the Amateur band immediately above 5850 Mhz may also be involved. The fourth that will probably be hurt the most in the future is the 24.00-24.25 GHz band, currently allocated exclusively to Amateur and

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The Swap Shop - June 1989

ITEMS FOR SALE, CONTACT RALPH, VE3BYM 388-6146 (Hamilton).
UPDATED 890527.

VE3CIS, Merv 634-2016 (Burlington): Apple computer, monitor in mint condition \$275.

VE3ISZ, 827-6824 (Oakville): 3 power supplies, 13.8v 12-15 amps. (\$75 each, negotiable or trade.

VE3OCY, Don 560-1960 (Hamilton): Kenwood model 3500 UHF handheld, with wall charger, AC power supply (\$265). Heathkit SB310 Ham band receiver (some SW broadcast bands). SB401 transmitter, with manual (\$250).

VE3IXF, Mike 528-2511 ext 4247 Hamilton: Icom 3AT 220 Mhz handheld transmitter, with DC-1 adaptor, wall-charger and carrying case for the BP4 (\$250).

VE3CZN, Rae 632-0344 Burlington: TS2500 Portable (digital) with charger and manual (\$275). Two XT mother boards, with 0k memory (\$40 each) PCS 5000 25 watt microprocessor controlled 2-m rig (\$410). Three, Barker & Williams 5 position coax switches (\$30 & \$35 each). Two, 7" reel mono tape recorders (\$25 each).

SWL, Brian 575-9733 Hamilton: Heathkit SB401, SB301 receiver, SB650 frequency display, mike and manual (\$250).

VE3IBK, Gil 662-4372 Stoney Creek: Icom 3200A Dual bander (\$500). GLB TNC 2A Packet Radio Controller (\$150).

VE3LJW, Dave 389-0283 Hamilton: MFJ 1270 Packet Radio TNC with cables and manual (\$150).

VE3DNB, Ron 383-7526 Hamilton: FS232 board for TRS Model III computer (\$35). TRS 80 telephone modem Model 1 with cord, power supply and manual (\$50).

VE3MWD, Serafino 662-4526 Stoney Creek: AEA CP1 computer interface, RTTY, CW and ASCII (\$150). Ranger AR3500 10-meter mobile with manual (\$375). FC301 Antenna tuner (black) matches Yaesu 301 line (\$135).

Two TRS 80 ROM packs - ham software, transmitter, receiver, monitor (\$ negotiable).

VE3BYM, Ralph 388-6146 Hamilton: Antenna Tuner, legal power (\$150).

VE3ISE, John 945-8378 Grimsby: 3 element mono band 20-meter homebrew beam (\$20).

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THE HAMILTON AMATEUR RADIO CLUB

BOX 253 Hamilton Ontario Canada L8N 3C8.

CLUB MEETINGS:

8:00pm on the 3rd Wednesday of each month except for July & August, in the Nash Auditorium, Chedoke Hospital. Non-members & friends are welcome - coffee and donuts on the house!

EXECUTIVE:

Meets on the fourth Wednesday of the month, except July & Aug, in the Radio Room, Red Cross, 400 King Street East.

STATION:

An emergency radio station is maintained in the RED CROSS, HAMILTON BRANCH (400 King East).

MEMBERSHIP:

\$25.00 per year with a common renewal date of January 1. Included is a subscription to the club bulletin. Additional Family Memberships (no bulletin) \$1.

EDUCATION:

Informal meetings are being held in the Radio Room, Red Cross Building 400 King St East on Thursday evenings at 7:00 to help those who want to take their Amateur Licensing tests. Call Bob, VE3CIB (416-383-2054 in Hamilton) or Glen, VE3FHQ (416-385-2786 in Hamilton) for more information.

REPEATER:

VE3NCF. Located on the Hamilton escarpment it is available for use by any amateur. Input: 146.16 Mhz. Output: 146.76 Mhz. Part of the VE3RPT Link system. Contact a member of the Club Executive for information concerning Emergency use, Autopatch, Mail-boxes, Links etc.

FIELD-DAY:

HARC operates a multi-station site during Field-Day. Contact Paul, VE3HTF for information.

SWAP-NET:

Every Tuesday at 8:00 pm on VE3NCF (146.76/16) except during July & August. Contact Ralph, VE3BYM (388-6146) if you have items to buy or sell.

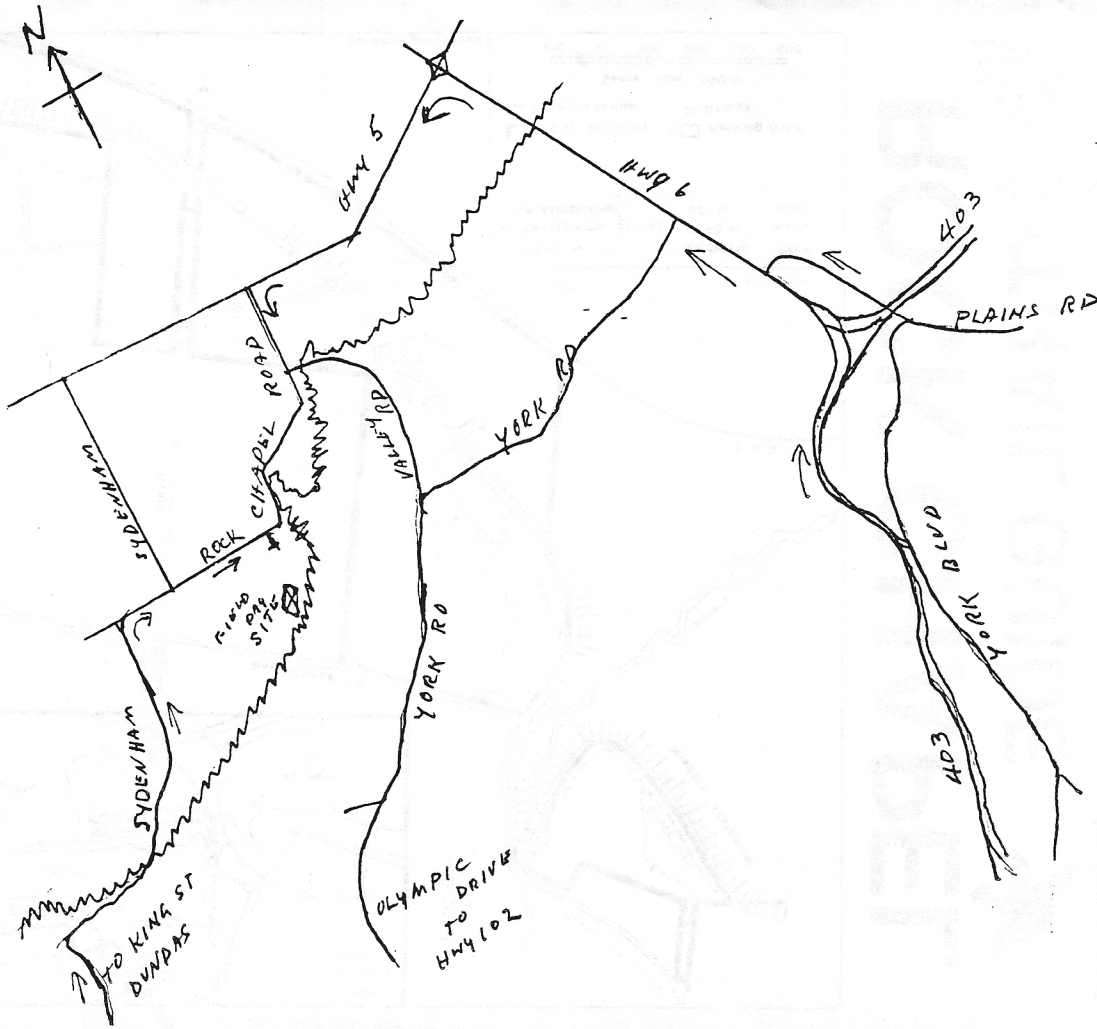
FLEA-MARKET:

Held during October each year (Thanksgiving Day Weekend).

BULLETIN:

"The Hamilton Amateur", the official news bulletin of the club, is published 10 times a year and sent to all full club members (family members share a bulletin) during the first 2 weeks of the month (except July and August). Most bulletin material is also available on the club's packet bulletin board station, VE3DC operated by VE3JSJ, on 145.030 FM.

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