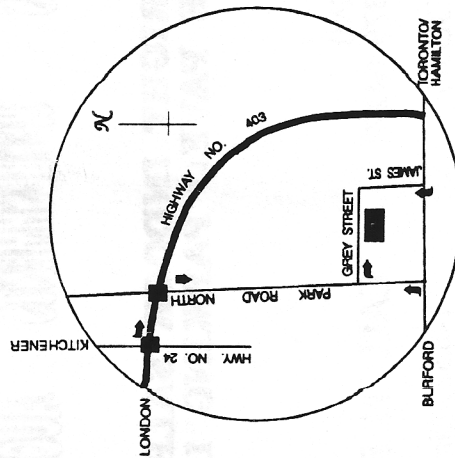


VENDOR INFORMATION

1. Prepaid Tables are Guaranteed. (Refunds only if cancelled by August 2, 1990.)
2. Tables not prepaid will only be held until 8:45 a.m.
3. Reserve Early if you have special requests (i.e. wall tables, hydro access etc.)
4. Special requests must be prepaid.
5. Vendors Sales Permits may be obtained from the Provincial Ministry of Revenue.

P.O. Box 2112
119 King Street
Hamilton, Ont
L8N 3Z9
Attention Mr. B. Smith

RESERVE EARLY!



The Hamilton Amateur

June 1990

(Established 1932)

HARC EXECUTIVE FOR 1990:

PRESIDENT: VE3JTC
PAST PRESIDENT: VE3HTC
1st VICE PRESIDENT: VE3OCY
2nd VICE PRESIDENT: VE3SON
SECRETARY: VE3DKJ
TREASURER: VE3NYC
MEMBERSHIP: VE3OQG

HARC COMMITTEE CHAIRPERSONS FOR 1990:

AWARDS & CONTESTS: VE3AAH	Gordon Barber	383-9161
HISTORIAN: VE3BLG	George Olenick	383-7338
PROPERTY: VE3VFR	Norm Sanger	388-2940
BULLETIN EDITOR: VE3SON	Jim Walsh	689-6839
EDUCATION: Position Open		
EMERGENCY COORD: VE3NYC	Paul Hazen	664-5247
FIELD DAY COORDINATOR: VE3JUL	Cliff Tooner	547-5801
FLEA MARKET: VE3NYC	Paul Hazen	664-5247
HEALTH & WELFARE: VE3GFE	Stan Bollbruch	528-4002
PROGRAMS: VE3OCY	Don Graziano	560-1960
PUBLIC LIASON: VE3GCP	Fred Robinson	575-5197
HOSPITALITY COORD: SWL	Gerald Crawshaw	385-2789
CHRISTMAS DINNER PLAN: VE3OQG	Flori Manga	560-6329
SWAP NET CONTROL: VE3DKJ	Keith Johnson	Autodial 19
REPEATER: VE3JTC	Michael Spenuk	389-1760
TECHNICAL: VE3FHC	Don Graziano	560-1960
VE3DC LICENCEE: VE3OCY	Glen Gibson	385-2786
VE3NCF LICENCEE: VE3NYC	Don Graziano	560-1960
VE3RCB LICENCEE: VE3CIB	Paul Hazen	664-5247
CODE TESTING: VE3BK	Bob Wilson	383-2054
	Norm Smith	385-5661
	Jim Flintoff	

Amateur Radio Restructuring!

Come and listen to VE3RON,
Ron Wheeler of the DOC
tell you all about the new face
of Amateur Radio

Elections for the new HARC Year

Field Day Plans - Final Thoughts

Meeting: 20 June 1990

Michael Spenuk	389-1760
Dave Rypma	689-3014
Don Graziano	560-1960
Jim Walsh	689-6839
Keith Johnson	Autodial 19
Paul Hazen	664-5247
Flore Manga	560-6329

Gordon Barber	383-9161
George Olenick	383-7338
Norm Sanger	388-2940
Jim Walsh	689-6839
Paul Hazen	664-5247
Cliff Tooner	547-5801
Paul Hazen	664-5247
Stan Bollbruch	528-4002
Don Graziano	560-1960
Fred Robinson	575-5197
Gerald Crawshaw	385-2789
Flori Manga	560-6329
Keith Johnson	Autodial 19
Michael Spenuk	389-1760
Don Graziano	560-1960
Glen Gibson	385-2786
Don Graziano	560-1960
Paul Hazen	664-5247
Bob Wilson	383-2054
Norm Smith	385-5661
Jim Flintoff	

HARC
Flea Market
Sep 1-15
Now Bernie

THE SECRETARY SOUNDS OFF

One of my jobs as Secretary of the Hamilton Amateur Radio Club is to record the minutes of our meetings. These minutes of both the General Meetings and the Executive Meetings are available for inspection by any member of the club on request. This month, on a trial basis, and considering the importance of the business conducted at the 16 May General Meeting I will summarize the minutes of that meeting.

HARC GENERAL MEETING 16/5/90

Constitution: VE3JTQ Mike conducted a vote on the proposed changes to the Constitution as written in last month's bulletin. The main change is making the club year run from Sept 1 to August 31. Also, Roberts Rules of Order were made our procedural standard when needed, club stations' sponsors are required to be club members and responsible to the Board for their stations' operations, and pro-rating of dues for new members. Vote: AYE-20, Nay-1. The 2/3 majority requirement for Constitutional change having been satisfied, motion carried. VE3HTC Dave and VE3ANB Rich have the new Constitution on computer, and very soon copies will be available to those interested. Present members are urged to renew their memberships in September 1990 until August 31, 1992 for \$40, but have the option of renewing until August 31, 1991 for \$15.

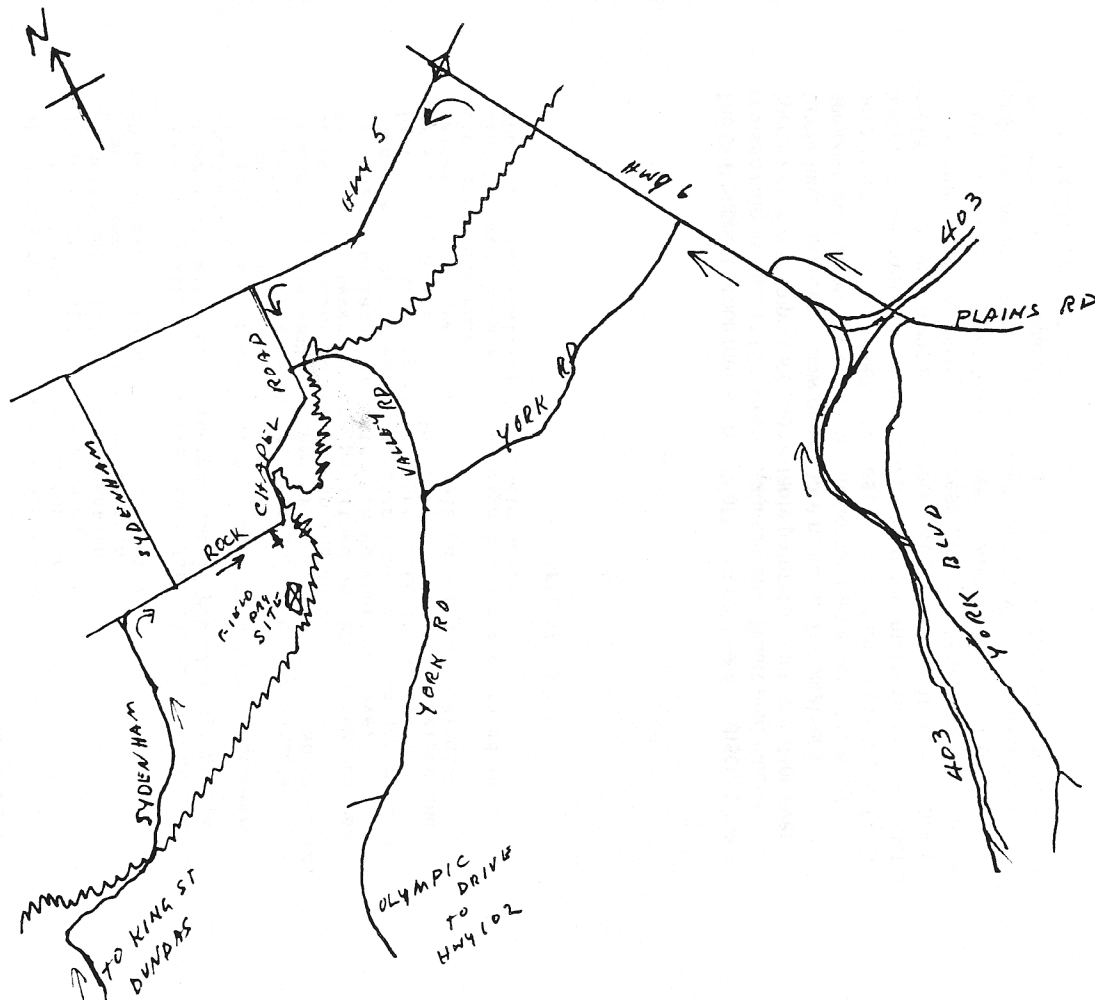
Field Day: VE3TJL Cliff asks anyone interested in running a station for field day to get in touch with him before the June 10 cut-off date. His phone number - 547 5801. Already taken are: 80 and 40 meter phone, 40 meter CW and 15 meter phone.

Home Brew: In the spirit of Home Brew Night, VE3LMS Grant brought a large number of 50V 10,000uF capacitors for anyone needing them, and VE3ATW Roger brought several 12V 26AH gel batteries to distribute free.

The entries were:

- Light Activated Antenna Switch, VE3LMS Grant
- Paddle Style Key, built from scratch, VE3VFR Norm
- Tone Encoder, VE3DKJ Keith
- Tuner-tuner and Mobile Power Regulator, VE3OIN Ken

The winner as decided by judges VE3ZF Ed, VE3BK Norm, VE3ATW Roger was VE3OIN Ken for his Tuner-tuner. Ken spent \$5 on parts as compared to the \$100 or so a Palomar Tuner-Tuner would cost. Ken took home the Crawford Trophy a multimetric and a Kenwood Logbook for his efforts.



FROM THE BULLETIN BOARDS - 1

HR BULLETIN 19 (PACKET CRLE019)

FROM CRRL LONDON, ONTARIO,
1990 MAY 20,
TO ALL RADIO AMATEURS BT

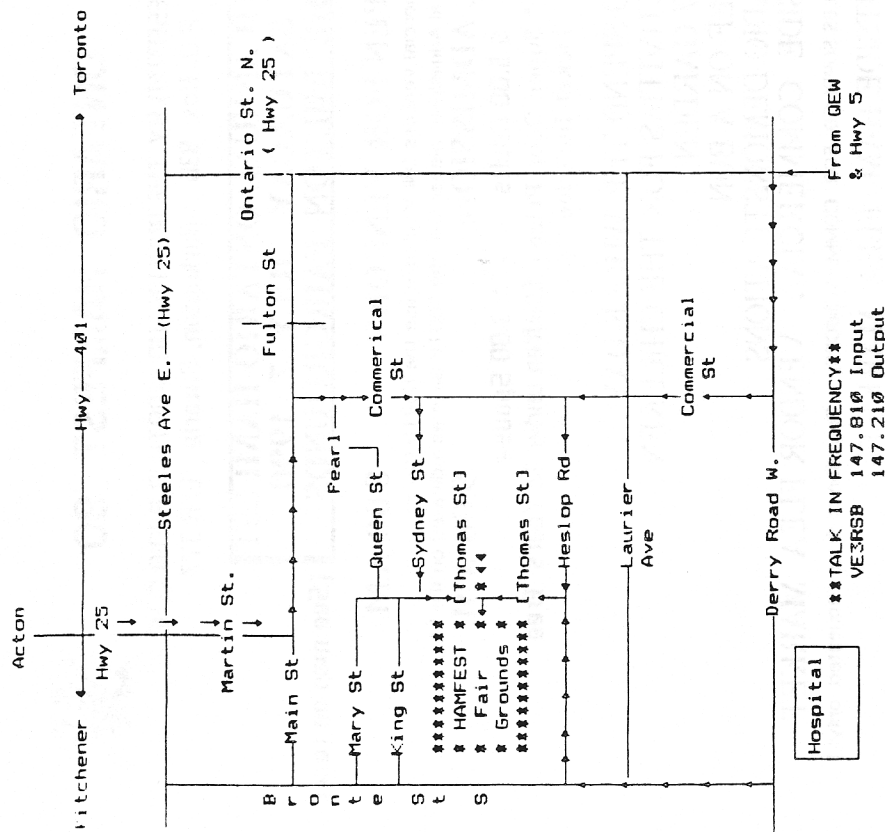
Item 1: Ham Radio magazine has been sold to CQ Communications, Inc., publishers of CQ magazine. The June issue of Ham Radio magazine will be its last. Existing subscriptions to Ham Radio will be fulfilled by CQ. This buyout by CQ ends years of speculation about the future of Ham Radio magazine. For some time, there have been rumours that Ham Radio was in financial trouble, and that at one point it had even offered to sell the magazine to ARRL. The demise of Ham Radio magazine, with its strong technical orientation, will leave a major editorial gap in the Amateur Radio publishing scene. It will be interesting to watch how the major Amateur Radio Magazines, QST, CQ and 73, will try to fill it.

Item 2: Congratulations to Jim Crooks, VE4JR, of Winnipeg, Manitoba, who was recently elected Manitoba Section Manager. Jim ran unopposed, eliminating the need for a balloted election. He will take over from retiring Section Manager Jack Adams, VE4JA, on 1990 July 01.

Item 3: The CRRL Board of Directors met in Rexdale, Ontario, Saturday and Sunday, May 12-13. At that meeting, the CRRL Board approved the recommendations of the CRRL/CARF Merger Committee. These recommendations outlined a basic framework for a merger with CARF. (The Merger Committee's recommendations will be considered by the CARF Board at the CARF Annual Meeting on June 14.) The CRRL Board also approved a new dues structure that breaks CRRL annual dues into three parts: cost of CRRL membership, cost of providing QST Canada and cost of providing QST. This was done to allow the dues structure to reflect the actual cost of various CRRL services and magazines, and so that CRRL members would not have to pay the federal government's new 7% Goods and Services Tax on their basic CRRL membership. Effective 1990 September 01, CRRL dues will be as follows: basic CRRL membership: \$15 a year; QST Canada: an additional \$12 a year; QST: an additional \$31 a year. During the course of the meeting, the CRRL Board reviewed preparations for the upcoming WARC, and virtually all CRRL programs and services. New appointments included General Counsel: Tim Eilam, VE6SH, of Calgary, Alberta. Former CRRL President Tom Atkins, VE3CDM, was appointed Honorary Vice President, and retiring CRRL Counsel Bob Benson, Q.C., VE2VW, was appointed Honorary Counsel. Both of these appointments were made in recognition of many years of service to CRRL and to Canadian Amateur Radio.

Item 4: A note about the STS-35 Space Shuttle mission with astronaut Ron Parise, WA4SIR, on board, scheduled to lift off later this month. Ron will be active on 2 metre FM voice and packet radio. However, we have learned that the orbits for this particular mission are such it will be extremely difficult for amateurs in Canada (even in Southern Ontario) to contact him.

AR



The Swap Shop: Wanted - 1

To list items:

VE3NCF (146.76) Tuesdays 8 pm,
OR Call Ralph (VE3BYM) 388-6146 or Keith VE3DKJ (autodial 19),
OR leave message on the VE3DC Packet BBS (145.590 MHz).

JERRY, 544 7770

- o ROTOR CONTROL BOX, 3WIRE TYPE

VE3BJE RICK, 426 7365

- o 2M AMP 100W OR MORE

VE3MWD SERF, 662 4526

- o KENWOOD TM721

VE3OIN KEN, 383 5293

- o FERRITE CORE #37-43

VE3DLD DOUG, 426 3905

- o SP940 SPEAKER FOR 940

VE3OCQ BOB, 549 6125

- o 6B5 TUBE

VE3FBK EARL, 426 5424 SIMCOE

- o 1270B PACKET TNC

JOHN, 545 9666

- o FRG7 RECEIVER

VE3RXS RAY, 519 752 5876 OR 416 548

4609 HAMILTON DAYS

- o DESK MIKE FOR ICOM 740, 600 OHM WITH PREAMP TYPE, CAN BE SM5 OR HM7

VE3MVN KEN, 626 1386 TORONTO

- o CUSHCRAFT R3 ANTENNA

VE3BJH GEORGE, 333 0260

- o BATTERY CHARGER FOR KENWOOD 2500

VE3JPJ STEVE, 416-831-8899

- PICKERING
- o 5 BAND HF MOBILE ANTENNA

DAVE WELLS, 549 2046

- o MOBILE CRYSTAL TYPE SCANNER

VE3DH ALAN, 525 5728

- o TNC WITH MAILBOX FOR IBM CLONE OR COMPATABLE

VE3NCK BILL, 545 3579

- o TOUCH TONE MIKE
- o YAESU 107 TUNER

VE3SMF STUART, 628 4131

- o INFORMATION ON B+W TRAPS FOR 20M AND 40M, NEEDED MEASUREMENTS TO MAKE MULTI-BAND DIPOLE
- o TWO 10' STEEL PIPES FOR CNIB RADIO STATION, FOR COAX DIPOLES

VE3WAK CHRIS, 639 1444

- o COMBINATION 5/8, 1/2 WAVE 2M/440 WHIP

The Swap Shop: For Sale - 1

To list items:

VE3NCF (146.76) Tuesdays 8 pm,
OR Call Ralph (VE3BYM) 388-6146 or Keith VE3DKJ (autodial 19),
OR leave message on the VE3DC Packet BBS (145.590 MHz).

VE3NYC PAUL, 664 5247

- o YAESU SP102 EXTERNAL SPEAKER WITH FILTER \$90 NEG
- o VUSTAR VS300A TRANSMATCH TUNER 3-300W \$100
- o 2m HUSTLER 5/8 MAG MOUNT, MINT \$35
- o BRASS KEY MOUNTED ON PLATE \$20

VE3IUD JACK, 627 0816

- o DENTRON PWR METER WT1A TO 2000W \$100
- o PALOMAR DIGITAL WATTMETER \$100
- o COMMODORE COMPUTER PACKAGE, MINT CONDITION, USED LESS THAN 5 HRS, COMES WITH 1541 DISK DR, COLOUR VIDEO MON, MODEM, MPS 802 PRINTER, CABLES, MANUALS, EXTRAS \$800

VE3BSC KEITH, 634 0724

- o TAPE RECORDER \$25

VE3MWD SERF, 662 4526

- o BNK COLOUR GENERATOR \$8.00. OR TRADE

VE3OCY DON, 560 1960

- o VIKING 1KW SWR BRIDGE, IN-LINE TYPE, WIRES TO METER \$15
- o "ANALOGUE-DIGITAL RESEARCH" FREQ COUNTER TO 40MEG \$25

VE3ITS MIKE, 549 4477

- o YAESU FT727 DUAL BAND HANDIE, SP KIKE, BATTERY, BOX, MANUAL \$380

VE3NYX RENZO, C/O AUTODIAL 19

- o YAESU MD1 DESK MIKE \$80

VE3JSJ GORD, 575 3647 OR VE3DC 145.590 OR VE3JSJ10 145.03

- o FT411 HANDHELD, 2 BATT PACKS, DC/DC CONV, CTCSS ENCODE INSTALLED, WALL CHARGER, RUBBER DUCK \$475

VE3LMS GRANT

- o HAZELTINE-TYPE DUMB TERMINAL, WITH RS232 PORT SUITABLE FOR PACKET RADIO \$FREE

VE3WSW WALT, 544 0200

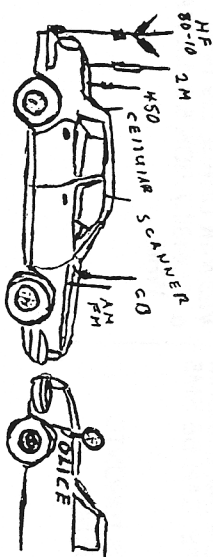
- o VIC 20, NO POWER SUPPLY \$10

The Swap Shop - 2

- VE3LJW DAVE**, 389 0283
- o FTT08R 70CM HANDIE, CHARGER, DUCK, BATTERY \$225
 - o ALSO FOR ABOVE, NEGOTIABLE, YM24A SP MIKE, 2 MOBILE P.S.:S INTERFACE CABLE FOR RIGS TO MFJ OR KANTRONICS TNC
- VE3EAP TOM**, 385 3578 (MENTION HARVEY)
- o HUSTLER 4BT TRAP VERTICAL, DOWN, 10/15/20/40/80 \$100
- BOB**, 387 4434
- o DX100 \$75NEG
- VE3BJH GEORGE**, 333 0260
- o YAESU CPU2500, 5/25W OUT, WITH MANUAL \$325
 - o HAMMERLUND SP600JL RECEIVER, NO MANUAL \$200
- VE3MMWG ROLY**, 547 0546
- o LARSEN 5/8 GROUND PLANE ANTENNA, BASE TYPE, COULD BE USED AS MOBILE IF YOU HAVE MAG MOUNT TO FIT \$50
- VE3KTC RALPH**, 664 5618
- o DENTRON MIA 2500 HF AMPLIFIER, HAS TWO EIMAC 8875S \$1000
 - o ICOM IC-2SAT CW AA SIZE BATT PACK \$450
- VE3JTA LARRY**, 549 7393
- o DELHI TUBULAR TOWER, 3 2/3 SECTIONS, 37' \$30
 - o HEATHKIT HM2102 VHF WATT/SWR METER \$40
- VE3WAK CHRIS**, 639 1444
- o ZENITH 12" GREEN COMPUTER MONITOR, NEW IN BOX \$50
 - o TANDY DWP 230 DAISY WHEEL PRINTER \$240 USED 1 WEEK
- VE3TNS TONY**, 387 1890
- o YAESU 901DM COMPLETE STATION, SPECTRUM SCOPE, SPEAKER PATCH, ANTENNA TUNER, EXTRA FINALS, MANUALS, HARDWARE \$ANY REASONABLE OFFER
- VE3OZY RICK**, 544 3253
- o FAS 1-4R REMOTE ANTENNA SWITCH WITH CONTROL BOX FOR ANY RIG \$140NEG
 - o PRA-25 PRE-AMP FOR 10M, AM/FM/CW/SSB \$100NEG

The Swap Shop: For Sale - 3

- VE3CZM RAE**, 632 0344
- * TEN TEC SYSTEM- IN SUPER CONDITION
 - o TEN TEC OMNI 80-10M + WARC, PS AND SPEAKER IN ONE CABINET ORIGINAL \$2000, \$900
 - o EXTERNAL 243 VFO LIST \$250, \$150
 - o 500W SOLID STATE LINEAR AMP, MODEL 444 \$1000
 - o 215 MIKE \$40
 - o YAESU FV901DM EXTERNAL VFO TO FIT 101ZD, 901, 902 \$150
 - o YAESU CPU2500 VHF XCEIVER, 25W \$300
 - o AZDEN PCS 5000 VHF, 25W \$450
 - o PYRAMID P.S., 12A CONTINUOUS DUTY \$105
 - o MFJ 300W DRY DUMMY LOAD \$43
 - o FRG7 SHORT WAVE RECEIVER \$150
 - o SERIAL/PARALLEL PRINTER INTERFACE \$50
 - o 2400 BAUD INTERNAL MODEM, BRAND NEW \$125
 - o PARALLEL PRINTER CARD, IBM COMPATIBLE \$15
- VE3HOD BILL**, 578 0432
- o TRS80 MODEL 3 COMPUTER, 2 DISK DRIVES, LOTSA PROGRAMS, MANUALS \$250
 - o ALINCO 2M PORTABLE, DJ100T, 100CH \$250
 - o SERIAL PRINTER \$50
 - o JOHNSON-VIKING MATCHBOX \$50
- VE3BYM RALPH**, 388 6146
- o 5" SONY 12V B+W TV \$30
 - o VIKING JOHNSON MATCHBOX \$50



But Officer, I CAN'T speed!
Too much wind drag.
Courtesy VE3RUF

COMING EVENTS:

ARRL June VHF QSO Party
 June 9-11
 CARL (Red Deer, AB) Picnic
 June 17
 Old Tyme Radio Operators Reunion (Orillia, ON)
 June 21
 ARRL Field Day
 June 23-24
 CARF Canada Day Contest
 July 1
 Ontario Hamfest (Milton)
 July 7
 IARU HF Championships
 July 14-15

73 DE VE3GRO @ VE3GYQ, CRRL,
 BOX 7009, STATION E,
 LONDON, ON
 N5Y 4J9.

The Hamilton Amateur Adveritizing Rates - 1990

Issue	Year
1/4 Page	\$15.00 \$75.00
1/2 Page	\$20.00 \$100.00
Full Page	\$25.00 \$150.00

Sizes are based on an 8.5 x 11 inch page reduced to 4.25 x 5.5 inches (approx). Arrangements can be made to produce your artwork or you can provide camera-ready copy. Note that there will be extra charges if you provide the paper (Originals are photo-reduced and printed as part of the Bulletin).

One year is 10 issues (January to June and September to December).



ONTARIO HAMFEST '90

PRESENTED BY THE BURLINGTON AMATEUR RADIO CLUB
 P.O. Box 836 Burlington, Ontario L7R 3Y7

16TH ANNUAL ONTARIO HAMFEST
SATURDAY JULY 7, 1990
THE MILTON FAIRGROUNDS

[See map on rear]

GATES OPEN FOR VENDORS: 8:00 A.M.

Note: Commercial Vendor's ONLY please use the NORTH Gate;:

General Admission, please use the SOUTH Gate as indicated on the Map.

GENERAL ADMISSION: 9:00 A.M.

\$ 5.00 Adults | **\$ 3.00 Spouse**
*** Super Door Prize | Children under 12 Years Free**
Ticket Included * |

>> PLAN TO SPEND THE WHOLE DAY!

- ACTIVITIES FOR THE CHILDREN
- 807 GARDEN
- BEEF ON A BUN
- RADIO DEMONSTRATIONS
- INSIDE COMMERCIAL VENDOR FLEA MARKET
- (TABLES SUPPLIED FOR COMM. VENDORS; Donation of Prize requested only!)
- OUTSIDE HAM FLEA MARKET
- (NO CHARGE FOR THE SPACE BRING YOUR OWN TABLES!)

***** Fun For Entire Family *****
SEE YOU THERE



For Further Information Contact:
 Rick Jones VE3WRI 639-0724
 Ted Barrette VE3IED 639-5878

HOURLY DOOR PRIZE DRAWS

**** Mark Your Calendar...Sat. July 7, 1990 ****

Elections: With the Constitutional changes ratified, elections will now take place in June. The following people were nominated:

NOMINEE	NOMINATOR	SECONDER	STATUS
VE3OCY Don	VE3NYC Paul	declined	
VE3SON Jim	VE3GCP Fred	VE3ZF Ed	accepted
VE3DKJ Keith	VE3ZF Ed	VE3SON Jim	accepted
VE3NYC Paul	VE3GCP Fred	VE3DKJ Keith	accepted
VE3JL Cliff	VE3GCP Fred	VE3ZF Ed	accepted
VE3VFR Norm	VE3GCP Fred	VE3DKJ Keith	accepted
VE3ZF Ed	VE3DKJ Keith	VE3NYC Paul	declined
VE3LMS Grant	VE3GCP Fred	declined	
VE3OIN Ken	VE3SON Jim	VE3NYC Paul	declined
VE3SMF Stuart	VE3GCP Fred	VE3DKJ Keith	accepted
VE3ATW Roger	VE3LMS Grant	VE3BK Norm	declined

A bit about the nominees for the Board of Directors who indicated willingness to run:

VE3SON Jim, a member for 4 or 5 years now, is a hard working member of the executive, presently holding the posts of Vice-President and Bulletin Editor

VE3DKJ Keith is presently serving as Secretary and Swap Shop Host. He has been a member since 1987

VE3NYC Paul, a long standing member, has held many posts in the club, presently serving as Treasurer, Flea Market Coordinator and Emergency Coordinator.

VE3JL Cliff is this year's Field Day Coordinator. He is an active HF contest, and has been a member for 2 years.

VE3VFR Norm is the Club Property Manager. A member for 2 years, he is an avid CW operator, collecting Oblasts and chasing DX. He has taken the Monday Night Ten Meter Net, and the Tuesday VE3NCF Information Net. He enjoys home brewing and building antennas.

VE3SMF Stuart has been active in the club since 1986, licenced since 1979. An advanced amateur, he has served as Emergency Coordinator in Northern Manitoba, four Round the Bay Races and is a practiced net controller.

Further nominations are invited, and can be made any time up to the actual election.

Some members may not know that they are welcome at the executive meetings. These meetings happen at 7:30 pm on the fourth Wednesday of the month at the Red Cross Building, 400 King St E. Show up at the back door of the building around 7:20, or call in on VE3NCF to get someone to let you in. Next exec meeting is June 27. If you have a beef about the club, show up, and volunteer to change what's wrong. This is a cliché, but I have found from personal experience that the satisfaction I get out of the Club is directly proportional to the amount of effort I put in.

73. VE3DKJ Keith, Secretary HARC

Field Lay 1990

June 23 and 24 at Royal Botanical Gardens, Rock Chapel Park

The following teams have been arranged:
 40 meter phone VE3JZY Rick is captain
 40 meter CW VE3ERY Bernie is captain
 20 meter ssb VE3JCY Lon is captain
 2 meter ssb VE3JCY Lon is captain
 30 meter ssb VE3JAF Stewart is captain

Other teams will be accepted until June 16. After that date other teams will be considered, and if possible assigned a location.

The site will be open at 6.00 on June 23 with the following rules applying.

A maximum of three vehicles per team, with each vehicle to remain in place until the end of Field Lay unless an emergency occurs, this means no driving in and out.

No alcoholic beverages are permitted on RBC grounds. Common sense says to leave no litter behind when we leave.

Logs are to be turned in no later than two weeks after Field Lay. Computerized reports are preferred if possible. By way of publicity, the local media have been advised and a letter sent to the Mayor of Hamilton and the Provincial Lieutenant Governor.

Club members who are not participating are encouraged to work the Field Lay stations from their homes.

Cliff, VE3JL

The OPP Support Group met with OPP officers on June 6 to discuss their revised role in light of OPP's new radio system. Traditional mobile operation is less important and reliable point-to-point operation over fairly long distances is now much more needful. The amateurs demonstrated an ability to link S/Sgt Gordon Barker with his eight detachment locations in quick succession, from Simcoe to Niagara Falls and points between. Mike Harrington, comm. technician for OPP District 3, explained the system and how amateurs would function if it went down. The evening was a gastronomic success thanks to Fern's hamburgers and a technical success thanks to extensive prework by several of the very dedicated Amateurs in the OPP Support Group, which is drawn from everywhere in the Niagara Peninsula. If you're interested in helping, call Frank, VE3DPC, 634 9538.

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 (special arrangements are often made for the December meeting as well), in the Nash Auditorium, Chedoke Hospital. Non-members & friends are welcome - coffee and donuts on the house!

EXECUTIVE:

Meets at 1930 on the fourth Wednesday of the month, except June & July, 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 may be held in the Radio Room, Red Cross Building 400 King St East to help those who want to take their Amateur Licensing tests. Call a member of the executive committee 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 chairman Cliff Tooher for information. His number can be found on the front page.

SWAP-NET:

Every Tuesday at 8.00 pm on VE3NCF (146.76/16) except during July & August. Contact Keith, VE3DKJ if you have items to buy or sell.

FLEA-MARKET:

Held during September each year at the Ancaster Fair Grounds. The date this year is 15 September. Note that the flea market will be both indoor and outdoor.

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 145.590 FM.

THE BRANTFORD AMATEUR RADIO CLUB

Flea Market

HELD AT: **WOODMAN PARK**

COMMUNITY CENTRE

491 Grey Street, Brantford, Ontario

SATURDAY AUGUST 11th, 1990 from 8 a.m. to 1 p.m.

ADMISSION \$3.00 (CHILDREN UNDER 12 YRS. FREE)

*** (Vendors from 7 a.m. to 1 p.m. - \$4.00 per table)**

DOORPRIZES REDEMPTIONS AUCTION SALE

**LARGE BRIGHT INDOOR SALES AREA
FREE PAVED PARKING LOT**

Call Don (VE3SIM)

PHONE: (519) 879-6427

or write

Eric Levison (VE3DSL)

37 Magnolia Drive,

Paris, Ont. N3L 3M9

CALL IN FREQUENCIES

146.520 (simplex)

VE3TCR (147.150 - 147.750)

VE3TCR (443.025 - 448.025)

* Vendor information and map on reverse.