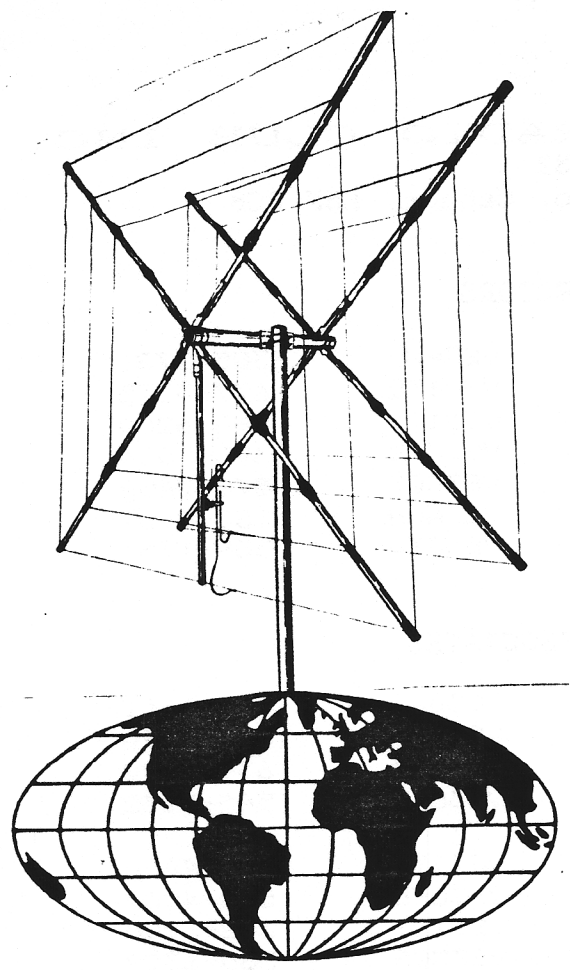


Sept. 186

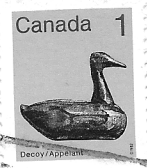
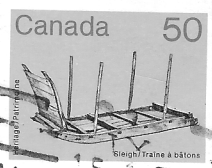


THE HAMILTON AMATEUR

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

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1988

ON. ONTARIO - HAMILTON, ONT.



Rick Dauby
6 Clinton St
Hamilton Ont
L8L 3J8

THE HAMILTON AMATEUR RADIO CLUB INC.

Established 1932

P.O. Box 253, Hamilton, Ontario, Canada. L8N 3C8

1986 OFFICERS & DIRECTORS

PRESIDENT	:	Glenn Gibson	VE3FHQ	385-2786
PAST PRESIDENT	:	Fred Spring	VE3ITQ	627-3375
1st VICE-PRESIDENT	:	Boris Auguste	VE3ITY	388-6200
2nd VICE-PRESIDENT	:	Robert Wilson	VE3CIB	383-2054
SECRETARY	:	Everet Englert	VE3QQX	578-2458
TREASURER	:	Gordon Barber	VE3AAH	383-9161
MEMBERSHIP	:	Michael Spenuk	VE3JTO	389-1760

COMMITTEE CHAIRMEN & ASSOCIATES

AWARDS & CONTESTS	:	Norman Smith	VE3BK	385-5661
CLUB HISTORIAN	:	Ed Charlesworth	VE3ZF	634-5190
CLUB PROPERTY	:	Bill McCaslin	VE3ARX	634-5190
EDITOR	:	Philip King	VE3OII	545-9232
EDUCATION	:			
EMERGENCY SERVICES	:	Jack Heywood	VE3JTR	689-4406
HEALTH & WELFARE	:	Stan Bolibruch	VE3GFE	528-4002
PROGRAMS	:	Boris Auguste	VE3ITY	388-6200
PUBLIC SERVICE	:	Fiore Manga	VE3QQG	560-6329
PUBLICITY	:			
REFRESHMENTS	:			
REPEATER	:	Glenn Simpson	VE3DSP	385-8478
SWAP NET CONTROL	:	Ralph Tufts	VE3BYM	388-6146
TECHNICAL	:	Mark Gibson	VE3MWH	389-4308
VE3DC LICENCEE	:	Glenn Gibson	VE3FHQ	385-2786
VE3NCF LICENCEE	:	Ed Charlesworth	VE3ZF	634-2520
VE3RCB LICENCEE	:	John Kassay	VE3FDK	385-0422

The Hamilton Amateur Radio Club meets at 8:00 pm on the 3rd Wednesday of each month except July & August. The location is the Nash Auditorium, in the Chedoke Hospital grounds, Hamilton. Non-members & friends are welcome.

Membership fees are \$20.00 per annum with a common renewal date of January 1st. Included is a subscription to the club bulletin. Family memberships are available at \$1.00 for each additional person.

VE3NCF Repeater is owned and operated by The Hamilton Amateur Radio Club. It is located on the Hamilton escarpment and is available for use by any amateur within range. Input is 146.160 MHz Output is 146.760 MHz

The **swap net** is held on VE3NCF every Tuesday at 8.00 pm except during July & August.

1986 MEETING
THE HAMILTON AMATEUR RADIO CLUB

DATE: Wednesday, September 17, 1986
TIME: 8 o'clock P.M.
PLACE: Nash Auditorium, Chedoke Hospital
SPEAKER: Representative of the Hammond Transformer Co.
TOPIC: Transformers

THE PRESIDENT'S MESSAGE

I hope everyone has had a good summer break and will look forward to seeing as many as possible at our September meeting at Nash Auditorium on September 17th.

About 20 made it to the brunch we held at the Plainsman in late July, when we visited with VE3HTC Dave, his MYL Willy and new daughter Christine who was born in Malaysia. We also had a chance to discuss the prospect of working 9M2HT when Dave puts his low band gear on the air, giving us some DX. I believe that Dave will advise in the bulletin when he will be operating.

A vote of thanks to our Membership Director for the preparation and mailing of the 1986 membership list. For new members, please see the "code set" for VE3NCF repeater controller. Feel free to call me for any queries regarding the mail box, auto dial etc. Regarding operation of the mail box, auto dial etc. of the repeater controller, if there are three or more that would like to have a "hands on" discussion of the functions, a meeting could be arranged at the Red Cross Building. Contact me at 385-2786.

Again we are on the lookout for a teacher for the fall Amateur Radio Classes. It was pointed out by VE3DSF Glenn a former teacher of Amateur Radio throught the years that new amateurs who have recently passed the exams would be "teacher material."

How many got the directional loop built? Where is the transmitter hunt interest? Possibly we need a dry run some Sunday afternoon, starting from Chedoke. We could take a bearing on the hidden transmitter, say about three miles away "as the crow flies", get out maps and compasses and see what it is all about. Let us know if you are interested before the snow is a problem.

Please update your mail box and auto dial sheet that you received in August by the addition of:

43 VE3NYC Paul
71 VE3FBU Jim.

73's Glenn, VE3FHQ

CRRL NEWS

DOC Amateur Radio Examinations - June 18
ARRL Field Day - June 28-29
CARF Canada Day Contest - July 1
Milton Ontario Hamfest - July 12
International Peace Gardens Hamfest - July 12
Maple Ridge BC Hamfest - July 12

HR BULLETIN 23, FROM CRRL, LONDON, ONTARIO, 1986 JUNE 15, TO ALL RADIO AMATEURS BT

Item 1 Restructuring the Canadian Amateur Service: what did CRRL and CARF, Canada's two national organizations, recommend? Permit homebuilt equipment for all classes of certificate. Use a no-code entry-level certificate, Certificate B to attract newcomers to the Amateur Service. Base Certificate B on 40 hours of study of basic electronic theory, basic electronic circuits, receiving and transmitting systems, antennas and propagation, station setup and operation, interference prevention, and radio regs. Allow holders of Certificate B to use up to 100 watts input with all modes on amateur bands above 30 MHz. Offer attractive incentives such as 250 watts input, and CW and RTTY on amateur bands below 30 MHz, to encourage holders of Certificate B to work for a 7 W.P.M. Code Endorsement. Also offer phone in the 28-29.7 MHz band, as is done in 14 jurisdictions around the world, to holders of Certificate B with the Code Endorsement to give them a sample of privileges they could enjoy with the highest-class certificate, Certificate A. Base Certificate A on 20-30 hours of study of advanced electronic theory, receiver and transmitter circuitry, and antenna systems, and 12 W.P.M. Morse code. Allow holders of Certificate A to use maximum legal power with all modes on all amateur bands. The national organizations spent considerable time developing these recommendations. They had to consider the needs of the Amateur Radio community and the needs of DOC. They had to ensure that their proposed structure would be attractive to newcomers, offer strong incentives to upgrade and stress high standards throughout. Want more details? Your bulletin station or club secretary has a copy of the CRRL-CARF recommendations. Otherwise, obtain a copy by sending a self-addressed stamped envelop to CRRL, or wait for the text of the ~~text~~ recommendations to appear in August QST or an early TCA



NEWS & EVENTS

You are invited to a social gathering and dance. All members, friends, YLs and QMs will be made welcome at The Royal Canadian Legion branch 163 Friday night dance on Friday September 26, 9:00pm - 1:00am.

Last year when this was held, we had a very good turnout including ISX, DOU, DOU, FDK, GCP, EKY, DSP, DNM, OOG, AAH, and will be looking forward to an even larger group this time. This is one of the Legion's regular weekly dances but there will be lots of table space for all who come out. Music will be provided by the popular Orlando Salci band.

Ample parking is available, including Limeridge Mall across the street. The location of the Legion is on the mountain at Upper Wentworth St. and Limeridge Rd. directly across from Limeridge Mall. Admission is \$2.00 per person.

If a good number of people turn out and enjoy the evening, there is a possibility of organizing this type of event on a monthly basis. For further info, contact Glenn VE3FHQ at 385-2786

There has been no official updates on the Ravenscroft appeal or decision on the Restructuring of Amateur Radio over the summer but we will be monitoring and reporting any info. as we receive it.

In 1950 there were 3,880,000 American homes with TV sets, or 9%. In 1986 the number of homes has increased to 80,080,000 or 93%.
-us magazine Aug. 86.

There is a rumor going around that our swap-net controller was talking to Australia the other day while USING A 50 INCH WHIP ANTENNA. Let's grab Ralph at the next meeting and force him to share his secret with the rest of us.

For those who have SSB VHF equipment, the VHF-UHF contest will be running from 18:00UTC Sept 13 till 03:00UTC Sept 15. Chances are we will hear Bob VE3000 sometime during this period on 144.200. Complete rules are in August QST.

tnx Bob VE3000

Since our last newspaper in June, we are saddened to report a number of silent keys from the local area:

VE3NS Ted Stevens
VE3NDZ Bob Foote
VE3DO Al Fletcher
VE3UH John Eaton

tnx Stan VE3GFE

CANADA'S
WONDERLAND

PRESENTS

'AMATEUR RADIO DAY'

SUNDAY, OCTOBER 5, 1986

LOWEST TICKET PRICE EVER OFFERED!

For only \$5.00 per person, you can order the Pay-One-Price Passport to Canada's Wonderland. Enjoy the dolphin and sea lion show, live Broadway-style shows and all rides on 'Amateur Radio Day', Sunday, October 5th, 1986 at this unbelievable price!

Amateur Radio Operators, their family and friends will not want to miss this opportunity to save \$11.95 per person off the regular Passport price of \$16.95! Children 2 years and under are admitted free of charge.

NEW IN '86 - THUNDER RUN™!

Conquer the mystery of Wonder Mountain, as you and your family journey through the darkness towards the centre of the mountain, exploring its deepest inhabitants. Your travels will take you high above the mountain core weaving in and out of the secret tunnels as you experience this exciting voyage into the unknown. It's an adventure like no other!

The Pay-One-Price Passport to Canada's Wonderland includes unlimited use of all* regular rides and live shows, including 'Fantasy', a magical musical salute to the world of fantasy which features 16 singers/dancers.

ORDER YOUR \$5.00 PASSPORTS TODAY!

Take advantage of this low pricing, and mail your order, along with a certified cheque or money order to Canada's Wonderland, Group Sales Department, P.O. Box 624, Maple, Ontario, L0J 1E0. Passports will then be forwarded to you by mail or courier, if time permits. Otherwise, Passports will be held for pick up at the Group Sales Window at the Front Gate on Sunday, October 5th, 1986.

For further information, please call Heidi Bertucca in the Group Sales Department at Canada's Wonderland (collect) (416) 832-7000, ext. #392.

All 'Amateur Radio Day' order forms and payment must be received at Canada's Wonderland by Friday, September 19th, 1986.

*Some rides and shows may not be in operation on day of use; excludes food, games, merchandise, parking, special attractions and The Kingswood Music Theatre.

*Excludes food, games, merchandise, parking, special attractions and The Kingswood Music Theatre; some rides and shows may not be in operation on day of use.

All programs, policies, prices and schedules are subject to change without notice.

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'AMATEUR RADIO DAY' ORDER FORM - SUNDAY, OCTOBER 5, 1986

Club _____

Name _____

Address _____

City _____ Province _____

Postal Code _____ Phone () _____

We need _____ Passports @\$5.00 each

TOTAL AMOUNT ENCLOSED \$ _____

REMEMBER! ALL ORDERS AND PAYMENT MUST
BE RECEIVED AT CANADA'S WONDERLAND
FRIDAY, SEPTEMBER 19TH, 1986.

BUILDERS' CORNER

By Boris VE3ITY (I Told You)

FLEA MARKETS

The summer is almost over, most of the fun flea markets have come and gone; however, our own H.A.R.C. Flea Market is yet to come. That's right! Stake out October 11th from 8:00 a.m. for the best of the goodies, at Marritt Hall, Ancaster. Both old timers and the young ones will find the large ragchew area excellent for eyeball QSO's. This year's flea market promises to be bigger and better than last year's. John Rozsa VE3NKW and his committee have things well under control. We owe much to John for his enthusiasm and dedication to ham radio.

For the builder - especially the scrounging scratch builder, flea markets offer a wealth of high quality junk. For example, you could get large printed circuit boards loaded with TTL IC's for a couple of bucks. Even the 1/4 watt resistors are worth salvaging. Don't forget the gold plated fingers are worth \$16 U.S. a pound (when gold is up). Components are really "dirt cheap" when bought as part of a larger assembly. After visiting many of these flea markets you will develop a keen sense for the quality in junk. If the goodies are wrapped and in a glass case - don't ask for the price - it will be too high! But if things at a booth seem in general disarray - the owner chewing on a hot dog, his XYL listening to hillbilly music in the camper, and the harmonics are crying "Daddy I wanna go home", that's where the bargains are. That guy has come a long way against many odds to SELL. Now if you want real bargoons - where the prices are ridiculous, wait until the end when those who have not read this column have disappeared. At that time you could pick up for free - that's right, free! - many items the owner does not wish to carry back with him. Usually these are the heavier items such as transformers, large cabinets, old TV's, etc. Always bear in mind the salvage value of a lot of that stuff. Besides, you'll be part of the recycling cycle by helping to reduce pollution and putting a few bucks into your pocket. Old transformers have copper windings. Scrap copper of that grade is bought for about 50¢ a pound.

As always, one should be careful when buying certain items at flea markets. First on my list of beware is meters. Analogue meters! If possible try to test the thing. If not, examine it carefully to see whether or not it ever transmitted smoke signals! Look for the hair spring where the pointer pivots. If it looks bright and shiny (colour of copper or gold), chances are the other spring (the one at the back you can't see) is also OK. Do not buy any analogue meter if the front spring is dull or coated with oxide, or bent, or absent, etc. Next look at the pointer itself, if it looks straight then it's probably OK but if it looks the slightest bit out of shape, reject it. In any case, use your judgement. If all else fails, get a guarantee. Get the seller's name, address, etc. If he's hesitant, don't buy the meter (or anything else for that matter) from him. I am sorry to say that there are some (not many) rip off artists around. So get his/her call, name, etc. before purchasing any sizable amounts. Make sure the seller lives within reasonable driving distance from you and don't hesitate to ask a fellow ham for advice before the deal is struck. Most sellers do not like to give refunds.

My second beware is beware of boxes. Nicely painted boxes with shiny knobs, rubber feet and dust cover don't let you see what's inside. Usually it takes two different types of screwdrivers and 100 screws plus half an hour to open such boxes (slight exaggeration). They could be housing antenna tuners, SWR indicators, VFO's, etc. Point is, you can't see inside and in effect you don't know what you're buying. So insist on having the box opened and examine the contents for flash-over, burnt wires, missing components, etc.

My third beware is beware of the tampered serial number. This applies mostly to used and new built-up gear. If the seller does not have the manual; the serial number is defaced in any way, and the price much too low for that piece of gear, don't buy it. In fact I'd recommend you take down as many particulars about the seller as possible without arousing suspicion, then report same to flea market committee or the police.

From the seller's point of view, flea markets are handy for clearing old technology. That done, new equipment could be justified. Meeting people and haggling over prices is also fun. Most hams enjoy this form of relaxation. Many vendors also make a point of helping out youngsters. They sometimes have a two-price tier, a very low price for those 12 and under and a higher price for the seasoned ham. As a seller, one should always be honest. It's amazing how fast a bad reputation will spread. Don't forget - the name of the game is communication and we seem to spread the bad news faster than the good. However, don't despair - good, honest sellers are sometimes known to be praised.

It does wonders if you have a manual, schematic, or other data for equipment being sold. If you're selling tubes or crystals, make a big list visible from at least 10 feet. Itemize each frequency (or group) for crystals, and itemize each tube. Be honest about the quality of tubes, you'll sell more if you just appear to be honest. If you have to make a promise, jot it down and keep it (the promise, that is). A working display is also useful and pulls in the crowd. So if your junk is such that it could be demonstrated, by all means arrange to have a unit working.

Never badger onlookers to buy, you can't force them to buy anything. Being polite and injecting a bit of humour here and there does wonders. Some come to look, some come to buy, some just come, others come because their XYL told them to. So you, the seller, have to take them as they come.

In general, flea markets are useful as a social gathering, and a place to buy both new and used gear. They are invaluable to the scratch builder who wants to stock up on those hard to find items. Then, of course, there's the ultimate pleasure in taking all those new treasures home, identifying each piece and figuring out how much you "saved"!

THE HAMILTON AMATEUR RADIO CLUB INC.

4th
Annual

FLEA MARKET

SATURDAY, OCTOBER 11, 1986

TIMES: Vendors set-up . . 6:30 a.m. to 8:00 a.m.
General Admission . . 8:00 a.m. on ward.

OVER
7,000 SQ. FT.

MARRITT HALL
ANCASTER FAIRGROUNDS
625 HIGHWAY 53 EAST

ROOM FOR
150 VENDORS

ADMISSION: \$3.00

VENDORS: FLEA MARKET -\$5.00 / 8' TABLE PLUS ADMISSION
COMMERCIAL VENDORS -\$10.00 / 8' TABLE
PLUS ADMISSION

ALL TABLES SUPPLIED BY H.A.R.C.

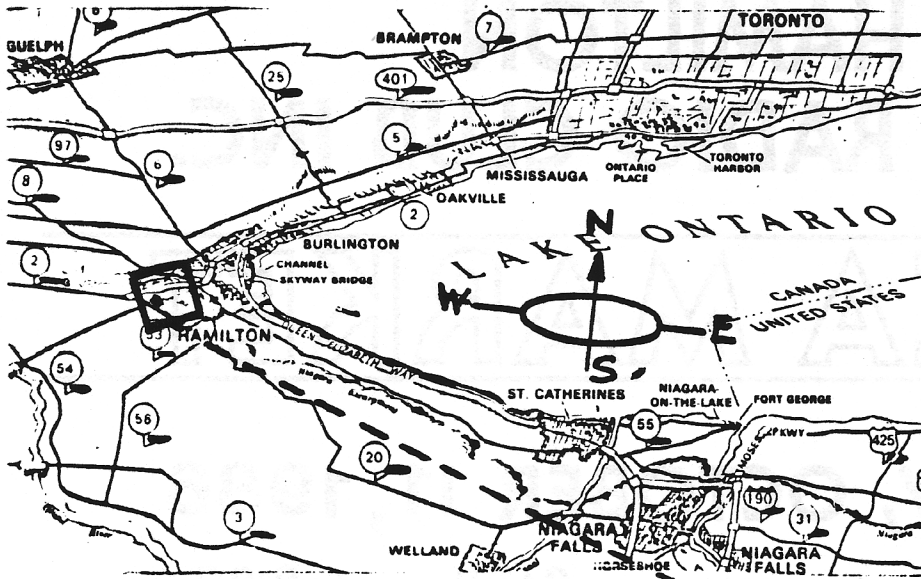
NO WEATHER PROBLEM — ALL SPACE INSIDE.

Door prizes drawn hourly from 9:00 a.m. to 1:00 p.m.
Coffee, Soft Drinks and Sandwiches, etc. will also be available.

ORDER SPACE EARLY FROM:

H.A.R.C. FLEA MARKET COMMITTEE
P.O. Box 253,
Hamilton, Ontario
L8N 3C8

TALK IN
VE3NCF
146.16 IN
146.76 OUT

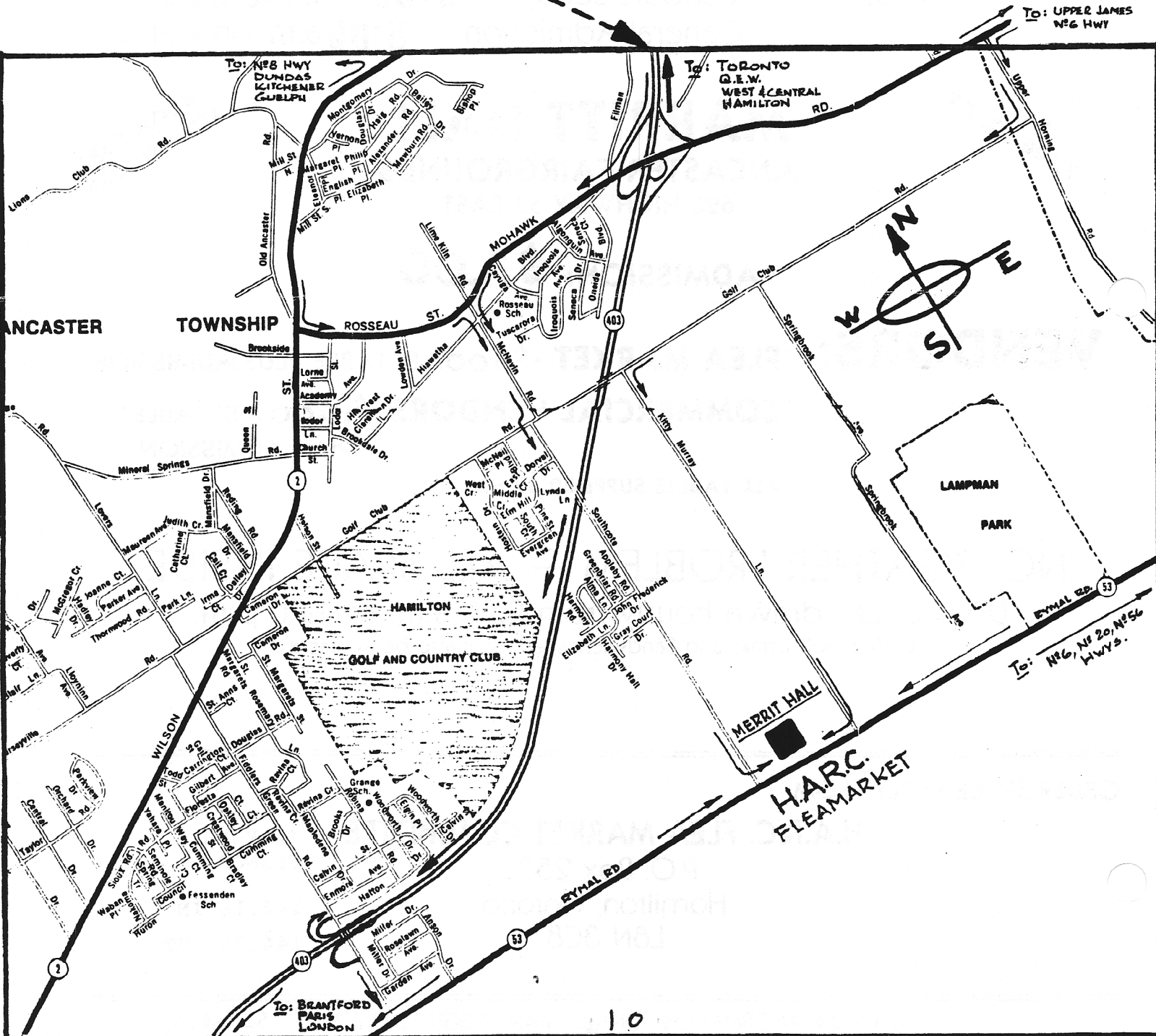


TALK IN STATIONS:

VE3NCF : 146.760 out - 600
 OR : 146.520 SIMPLE

HAMILTON REPEATEDS:

VE3NCF: 146.760 out - 600
 VE3MBR: 147.705 out - 600
 VE3DRW: 145.490 out - 600



≡≡ FLEA MARKETS & HAPPENINGS ≡≡

PACKET RADIO SYMPOSIUM - September 20.
Georgian College, Barrie, Ont. Guest speakers
Info: Hex-9 Group, Box 151, Drillia, Ont. L3V 6J3
Admission: \$5. VE3LSR 146.25/85

KINGSTON ARC FLEA MARKET - Saturday September 27
St. Margaret's United Church 690 Sir John A. McDonald Blvd.
Admission \$1.

HAMILTON ARC FLEA MARKET - Saturday October 11
Merrit Hall Ancaster Fairgrounds 625 Highway 53 East
Refreshments & sandwiches available. All space inside.
Hourly door prizes.
Info: Stan VE3GFE 416-528-4002 or PO Box 253 Hamilton Ont L8N 3C8
Admission: \$3. Starting time 8:00 am.
VE3NCF 146.16/76 146.52 simplex

//////
Salutations to the hams listed below for their work and assistance
with the Amstel Marathon, on June 8, 1986.

Fred VE3GCP, John VE3FDK, Jack VE3JTR, Bill VE3KYC, Cam VE3GVG, Wayne
VE3LWD, Ken VE3OIN, Stan VE3GFE, Les VE3EGT, Norm VE3BK, Vic VE3LJY,
Don VE3OCY, Joe VE3BXN, Susan VE3BEC, Dave VE3NCE, Nick VE3S JL, Gord
VE3AAH, Robert VE3ANW, Boris VE3ITY, Gino VE3EJD, Ron VE3MWD, Ken
VE3EGL, Peter VE3DOU, Ron VE3SP, Hal VE3JTC.

CAUGHT IN THE ACT - This
familiar face was witnessed
scrounging (again) at the
garage sale of Bert VE3DPB in
Lynden. Accessory to the fact
was George VE3BLG.

tnx Ralph VE3BYM



CONGRATULATIONS go to THE SCARBOROUGH AMATEUR RADIO CLUB as 1986 is
their 40th year. May their next 40 years be just as successful!

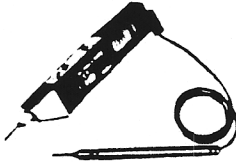
THE WALTER SMITH CO.

72 FERGUSON AVE N PHONE 527-5615
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 ELECTRICAL AND ELECTRONIC INSTRUMENT SERVICE

Test Equipment

VE3OCY

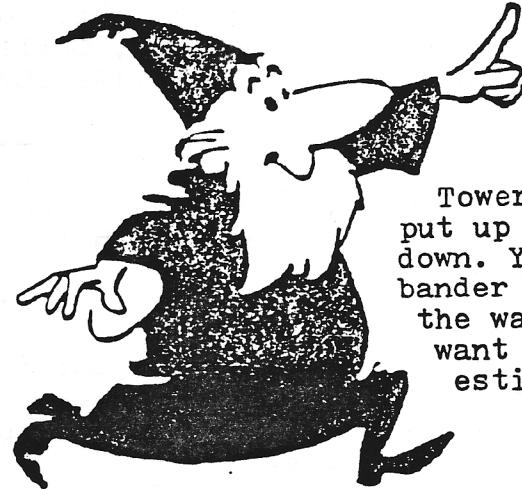
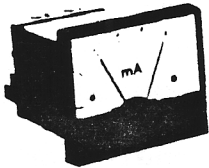
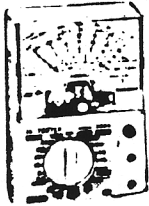
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 the way you
 want it. Free
 estimates.

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 Hamilton, Ontario L9C-6L1

JOHN LUDWIG

Tel. (416) 523-0930

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 Call Gerry at VE3 HL1,
 632-5296 or 528-7688

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Get those projects off to a good start, build them on a B-C-D Electronics Printed Circuit board foundation. We manufacture boards from the ARRL Handbook, ETI magazine, also Radio Electronics, Elektor, etc magazines. Send for free list. No quantity too small, no set-up charges like the big guys. Try us you'll be pleasantly surprised.

All boards are G10 Epoxy fibreglass coated with liquid flux. We also manufacture to your specs and schematics.

Noise Bridge\$2.00
 Mosfet Dipmeter 1.40
 FET Voltmeter 1.50
 Operating Impedance Bridge 2.00

B-C-D ELECTRONICS

P.O. BOX 6326 STA. F.
 HAMILTON, ONTARIO L9C 6L9

THE HAMILTON AMATEUR RADIO CLUB SWAP NET with Ralph VE3BYM

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VE3OZY "RICK"          544-3253
-HQ QUAD ANT. 6,10,15,20 METERS                                $125

VE3MWO "RON"          547-1960
-SX190 GENERAL COVERAGE RCVR.                                  $150

VE3ANW "BOB"          522-2857
-ADAM COMPUTER,W/2 DRIVES,80K MEM.,PRINTER,COLOUR TV          $500

VE3LWI "FRANK"        526-0476
-TEN-TEC CENTURY XCVR.W/MOD 670 KEYER,SWR METER,LOG BOOKS,
  HOME BREW TRANSMATCH,WATT METER,KEYER,& MANUALS              $300

VE3ODD "JACK"         416-622-7061          ETOBICOKE
-KENWOOD TS-660 ALL MODE XCVR,15,12,10,6 M,10W          NEG $700

VE3NKW "JOHN"         416-563-5046          BEAMSVILLE
-DENTRON GLE-1000B LINEAR W/MAN. A1 COND.                  $375
-YAESU FC501 XCVR 580W PEP W/ MAN                          $575
-KW 2000A XCVR MODIFIED,NEW TUBES W/ MAN.                  $300
-RF 4900 GEN COV RCVR 1.6-30 MHZ                           $490
-ELECTRO-VOX MIKE, HI LOW Z                                $40
-CHANNEL GUARD TV FILTER                                    $25

VE3LWB "GRANT"        525-7576
-3.5" MICRO DISCS                                           -NEW $3.00 - USED $2.50

VE3NCK "BILL"         549-0270
-YAESU FT223 2M CVR W/23 XTLS SETS,T.T.MIKE, LIKE NEW      $150
-KDK 144 2M XCVR SYNTHESISED,15W                           $225

VE3YI "BRIAN"         416-431-1964          TORONTO
-CLEGGFM27B 2M XCVR 146-148 MHZ,25W, W/MIKE                $50
-DRAKE 44A &T4X RCVR,XMTR 160-10M W/MS4 SPKR P.S. NEG     $500

SWL "BOB"             648-6682          ANCASTER
ESTATE -YAESU 2700RH DUALBANDER XCVR W/DUPLEXER,TT MIKE,ANT,
VE3DO  RADOME.BRAND NEW NEVER USED STILL UNDER WARRANTY    $775
-YAESU FT101 HF XCVR W/SPKR,PHONE PATCH                    $400
-YAESU FT2B 2M XCVR W/4 SETS OF XTLS, LIKE NEW              $75
-KENPRO KP200 MEMORY KEYER LIKE NEW                          $175
-TELEREADER CWR-670E RTTY &CW INETRFACE                     $300
-KENWOOD R300 RCVR                                           $190
-C64 COPUTER W/DATASET,DISC DRIVE,1525 PRINTER ECT.         $425
-BIRD RF WATT METER,DUMMY LOAD, 0-100W, 75 & 50 OHM         $115
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===== WANTS =====

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VE3ABT "DES"          447-1096          TORONTO          TEN-TEC XCVR
VE3JTC "HAL"          387-3595          YC-601 FREQ.COUNTER
VE3OC&N'Q "BOB"      549-6125          SPKR MIKE FOR KENWOOD 2400 H.H.
VE3BYM "RALPH"       388-6146          KENWOOD MIKE,M50,AT180 OR AT238

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