

HAMILTON AMATEUR RADIO CLUB INC.
PRESENTS - FLEAMARKET 93
SATURDAY, AUGUST 28TH, 1993

MARRITT HALL - Ancaster Fairgrounds
Free Parking III Food Concession III Now 100% Bigger III
Two Huge Rooms of Vendors III Door Prizes III

TIME - Doors Open to Public 9:00 a.m. Vendors Setup From 7:30 a.m.
TALK-IN - VE3 NCF 146.760

ADMISSION - \$5.00 Per Adult (children under 12 yrs. free)
Wall: \$11.00 + admission (preference given to
Commercial Vendors

Others: \$ 9.00 + admission

Outdoor "Tail-Gaters": \$ 6.00 each + admission (take your chances on
the weather)

SUPER DRAW GRAND PRIZE III (To Be Announced)

DOOR PRIZE III - Every Admission Ticket Eligible. (To be Announced)

You may request tables through the Hamilton Amateur Radio BBS
(Tel: 416-575-4745) OR through the Hamilton Amateur Radio
Club Packet BBS, VE3DC (145.59) OR to VE3DDG @ VE3ACV.

Such requests will be cancelled unless payment is received by July 15th.
A list of confirmed registrations will be posted on the landline and on
VE3DC packet-BBS towards the end of July. After August 1st - first come,
first served!

Make cheques payable to: Hamilton Amateur Radio Club

FLEAMARKET

Address: Hamilton Amateur Radio Club

P.O. Box 91215

Effort Square Postal Outlet

Hamilton, Ontario L8n 4G4

VENDOR REGISTRATION:
NO REFUNDS!

NAME _____ CALLSIGN _____

STREET _____ CITY _____

POSTAL CODE _____ PHONE _____

Number of Admissions _____ (x \$5) = \$ _____
Number of WALL TABLES requested _____ (x \$11) = \$ _____
Number of OTHER TABLES requested _____ (x \$9) = \$ _____
Number of TAIL-GATERS _____ (x \$6) = \$ _____

TOTAL PAYMENT ENCLOSED = \$ _____

The Election Night

Hamilton Wed. June 16

Nominations and Voting
Chedoke Hospital

JUNE 1993

HARC EXECUTIVE FOR 1992/1993

PRESIDENT:	VE3OGX	Everett Englar	385-0879
PAST PRESIDENT:	VE3OQG	Flora Manga	578-1789
VICE PRESIDENT:	VE3JAI	Emley Mitchell	627-0333
SECRETARY:	VE3LTD	Paul Webb	574-0818
TREASURER:	VE3DWJ	Dave Bruton	383-9803
MEMBERSHIP:	VE3OCD	Joe Urbanaki	388-8383
	VE3VEH	Arie Verhoog	389-9259

HARC COMMITTEE CHAIRPERSONS FOR 1992/1993

AWARDS & CONTESTS:	VE3DWJ	Dave Bruton	383-9808
HISTORIAN:	VE3BLG	George Olenick	383-7338
PROPERTY:	VE3DWJ	Dave Bruton	383-9808
BULLETIN EDITOR:	VE3SON	Jim Walsh	689-6839
EDUCATION:	VE3EKY	Bernie Granby	527-7175
EMERGENCY COORD.:	VE3OQG	Flora Manga	578-1789
FIELD DAY CO-ORD.:	VE3JAI	Emley Mitchell	627-0333
FLEA MARKET:	VE3DGG	Don Grey	528-4326
HEALTH & WELFARE:	SW1	Ellen Reinke	549-5119
PROGRAMS:	VE3JAI	Emley Mitchell	627-0333
PUBLIC LIASON:	[Open]		
HOSPITAL COORD.:	VE3OQG	Mary Urbanaki	388-8383
SWAPSHOP NET CONTROL:	VE3JWJ	John Johnson	578-4275
CANWARN COORD.:	VE3LTD	Paul Webb	574-0818
REPEATER:	VE3OCY	Don Graziano	560-1960
TECHNICAL:	VE3OCY	Don Graziano	560-1960
VE3DC LICENCEE:	VE3FHQ	Glen Gibson	385-2786
VE3NCF LICENCEE:	VE3MWH	Mark Gibson	389-4308
VE3RCB LICENCEE:	VE3GCP	Fred Robinson	575-5197
VE3WXH LICENCEE:	VE3LTD	Paul Webb	574-0818
DESIGNATED EXAMINERS:	VE3EKY	Bernie Granby	527-7175
	VE3NDB	Lorraine MacPherson	389-7653
	VE3GCP	Fred Robinson	575-5197

DON'T FORGET

AUG 28 HAMILTON HARC FLEAMARKET 93
AT MERRIT HALL, ANCASTER. More info is enclosed.

4 VE3JF ARRY, (416)574-1805
ICOM NI 2M HH, BP3 BATT. WALL CHARGER \$175.00

The President Message

Included in the June meeting will be the voting in of the new executive. I wish to thank the 1992/1993 executive and committee chairpersons for their enthusiastic support and unselfish donation of time.

I cannot single out one group or individual as much of the work of this club is carried on by members who are unobtrusive and draw satisfaction from their association and friendship with others in the club and the amateur radio fraternity.

The proposed new slate for the new executive shows much promise that the club will have a good foundation for the 1993/1994 season.

Tnx and 73's
Ev. Engleri VE3OQX

4 VE3SE, JOE, (416)680-1211
UNIDEN CONTROL to 10 MTR. 28.300 . 28.875 (RADE FOR 2 MTR OR \$ 150.00

3 VE3JMS, GRANT, (416)544-4151
- AT&T UNIX 7300 COMPUTER W/MONO MONITOR, 1200 BAUD MODEM, 5 1/4 DRIVE
- 20 MEG HARD DRIVE, MOUSE... \$400.00
- COMMODORE 64 51/4 DRIVE \$500.00
- SEKO SHAW MOD:SP1800VC, PRINTER FOR COMMODORE \$80.00
- MEJ 1224 COMPUTER INTERFACE AND CABLES, CW RTTY, AMTOR, ASCII
- M-BATOR SOFTWARE, CARTRIDGE \$125.00

3 VE3JTV, MIKE, (519)893-8747
- CP13 CIG. ADAPTER PLUG. \$15.00
- RH77B RUBBERDUCK 2M AHD 70CM \$30.00
- CM2 ANTENNA CLIP (RUBBERDUCK) \$10.00

4 VE3VD, PETE, (416)774-8766
ICOM IC-275A 2M ALL MODE 25 WATT BUILT IN POWERSUPPLY MANUAL. \$900.00

4 VE3JJS, JACK, (416)648-6443
- TURNER PLUS +3B MICROPHONE \$50.00 HEW
- D104 MIKE \$50.00
- TURNER +3 MIKE \$50.00
- CDE AR30 ROTOR AHD CONTROLLER \$60.00
- RS DX-160 SW RECEIVER WITH BFO... \$125.00
- CHANNEL MASTER ROTER AND CONTROLLER \$60.00
- ALLIANCE U100 ROTER AND CONTROLLER \$55.00
- ALINCO DJ-500T DUALBAND XTRA BATTERY, CHARGER, MANUAL \$325.00
- RINGO 2 METER ANT \$35.00
- PRO 2001 16 CHANNEL SCANNER \$90.00
- CUSHCRAFT 270R 2MTR VERTICAL ANT. \$55.00
- SILTRONIC 1011D RIG, PWR MIKE, XT SPKR. \$275.00

2 VE3KWR, TONY, (416)271-7780
WILSON 4 ELEMENT 20M, 1011G JOHN WITH 381 F ROOM, HAM4 ROTOR NO CONTROL BOX
MOUNTED ON SELF SUPPORTING 65 FT DEHH TOWER, 100FT 213 COAX, 100 FT ROTOR CABLE, 4 YEARS OLD EXCELLENT SHANT... \$550.00 OR TRADE

3 VE3CFC, CHRIS, (416)847-0090
- KWD, TH26AT 2M HH, TONE PAD, CTCSS BOARD, COVER, PLUG IN CHARGER, 12V CIG ADAPT, 6 MONTHS OLD \$300.00
- ICOM ICW2A DUALBAND HH, BP84 7.2V BATT, BP85 12 V BATT, BC72 DROPHI CHARGER 12V CAR ADAPTER, MANUAL, MINI SHAPE \$560.00
- HYGAIN 18ATV VERTICAL ANT, 1080MTRS, BRAND NEW \$125.00
- IBM PC XT 2.360K FLOPPIES, SER. 8PAR, PORTS, MONITOR, KEYBOARD \$125.00

3 VE3MWD, SERAFINO (416)662-4526
R/5 HTX:100 10M RIG LIKE NEW \$160.00

1 VE3HZO, LLOYD, (416) 547-9115
PYRAMID GOLD SERIES 12 AMP PWR SUPPLY
MODEL PS2 14G \$70.00

1 VE3NTO, MIKE, (416) 332-6365
1930 SPARTON RADIO 160m TO 17m \$75.00

Hi! Lies from Executive Meetings
1. Flea Market Cannot get the 2nd week in September. New Co-Ord will have opportunity to set date.
2. Club may get into Packer Radio when study is completed and meets approval of the executive.

3. Executives of club will wear silver-gray name tags to all meetings.
4. 60th Anniversary update on menu, location, etc.
5. Donation to Red Cross.
6. Cost of a packet station given to executive.
7. No instructor found for Basic Course therefore no classes this fall.
8. Cost for a club's badge discussed. No design presented no action until a design is approved.
9. Vacancies for chairpersons still open. It appears members not interested in serving.
10. Difficulties in use of repeater will be main topic at January general meeting.
11. Give out certificates instead of Club's expensive crest.
12. Audit of books being completed.
13. "Order of the Gravel CW" changed to "CW Operating" Award.
14. Trip to Thousand Islands- get costs and present to membership.
15. Approval for Around the Bay Race to use repeater.
16. Field day Co-Ord volunteered.
17. Ride to Beat Cancer approval to use repeater OK'd.
18. Canwarn received permission to use repeater.
19. New HF rig to remain at RCB for emergencies.
20. Permission to use repeater for Red Shield campaign OK'd.
21. Turned down request for communications for Labour Day Soccer Tournament.
22. Turned down request to be active in VE3CNE this year.

LAST CALL

NOMINATIONS for EXECUTIVE

Time to think about upcoming General Meeting elections. Candidates must be Members in good standing, and must accept in person or in writing. Please submit your nomination, with your secondor, to Chairperson of the Nomination Committee, P.O. Box 91215, Effort Square Postal Outlet, Hamilton, Ont., L8N 4G4. Mark Hill Nomination Chairperson would like to hear from you and can be reached at 574-4370.

Send to a 9 x 12-inch self-addressed envelope with 4 units of First Class US postage or 4 IRCs for the official Field Day Entry Package. This package includes 1 Publicity Kit, 1 Field Day Summary Sheet, 1 large dupe sheet with instructions and a check list to ensure that your entry is complete. If you require more dupe sheets, indicate so in your request and affix 1 unit of additional First Class postage to your SASE for each two additional dupe sheets requested.

W1AW Field Day Bulletin Schedule

In addition to the regular schedule detailed on page 00 of April QST, extra CW bulletins will be run at 1400 UTC (10 AM EDT), and extra phone bulletins at 1500 UTC (11 AM EDT) both Saturday and Sunday mornings.

Additional Bonus Points Available

An additional 100 bonus points can be earned by qualified participants in Field Day for completing at least ten VHF/UHF QSOs (excluding packet contacts). Also a "free" VHF/UHF transmitter has been added for Class A and Class B stations. This station can operate the entire Field Day period, just like the "free" packet and satellite transmitters. Take a few minutes to look at VHF/UHF (item 9) under the bonus points in the rules. It's an ideal station for Technicians to operate since they have full privileges on these bands. Make sure your club or group invites everyone to fully participate in Field Day!

Congratulations to Noel Eaton, VE3CJ who was inducted into the Canadian Amateur Radio Hall of Fame at the inaugural meeting of Radio Amateurs of Canada on May 2, 1993,

A former President of our Club, Noel is President Emeritus of the International Amateur Radio Union, Director Emeritus of the American Radio Relay League, and Honorary Vice President of the Canadian Radio Relay League. He was Director of the Canadian Division ARRL (1960-1974), Treasurer of the IARU Region 2 (1962-1974), and Vice President of ARRL and President of IARU during WARC 79 (1974-1982).

Membership Chairperson VE3VEH Arle mentioned he had some DOC regulations still available for those who wish them.

Field Day Co-Ord Emsley VE3JAI is looking for assistants to help out the captains for logging, setup of equipment and dismantling at the end of Field Day.

Flea market Chairperson VE3DGG Don stated to the membership that the date is August 28, at the Marrit Hall in Ancaster. He mentioned that letters already have been set to vendors. Their will be activities for YL's and children. More good information will follow at a later date.

On behalf of the Health and Welfare our President stated that VE3KHD Ken has had a operation and is recuperating nicely at home.

Fire, VE3OGG mentioned that the Red Shield Campaign was again a success. A small equipment problem at base location was quickly corrected. A letter of thank you found also where in the bulletin.

As no other new business came forth, Fred VE3GCP made a motion to adjourn and seconded by Mark VE3JVJ. Carried.

Meeting adjourned at 10:00 PM.
Attendance 39.

WESTERN NEWYORK SOUTHERN ONTARIO REPEATER COUNCIL

1. **PURPOSE OF A REPEATER.** The purpose of a repeater is to enhance the range the coverage area.
2. **STANDARD MOBILE STATION.** The mobile station's transmitted signal does not exceed 25 watts effective radiated power. The mobile station's antenna is located 1.5m above ground level.
3. **RADIUS OF PROTECTION.** Until the values specified in RC-2: Guidelines Regarding Analog FM Repeater Coordination, Section 2, Repeater Specifications, can be confirmed, a fixed area is defined. This area is called the Radius of Protection and is the protected area for mobiles prime coverage area, extending to 40km from the repeater transmitter's antenna location.
4. **COCHANNEL INTERFERENCE.** A mobile operating through a repeater and within the Radius of Protection of that repeater should not access any other repeater on the same frequency, provided normal propagation conditions exist and the mobile is not operating from a hilltop, escarpment or other high point of land. Failure to meet this criterion constitutes cochannel interference.
5. **FIXED STATIONS.** A fixed station operating through a repeater does not meet the cochannel interference criterion. A fixed station should use a low sidelobe level, directional antenna pointed at the repeater and the minimum power level necessary to maintain clear communications through the desired repeater. Fixed stations should avoid communications through distant repeaters on frequencies which support a local repeater.
6. **MOBILE AND FIXED STATION OPERATOR'S RESPONSIBILITY.** It is the responsibility of the mobile or fixed station's operator to ensure that their transmissions do not interfere with other cochannel communications.
7. **REPEATER OPERATOR'S RESPONSIBILITY.** To maintain the Spirit of Cooperation, repeater users should be informed of operating conditions which may cause unintentional interference to cochannel operations.

ELECTION CHAIRMANS REPORT

operated by a licensed amateur and all contacts are made using an output power of 5 W or less and the power source is other than commercial mains or motor-driven generator (eg. batteries, solar cells, water-driven generators). Other provisions are the same as for Class A. One- and two-person Class B-Battery entries will be listed separately in the results.

(Class C) Mobile: Stations in vehicles capable of operating while in motion and normally operated in this manner, including antenna. This includes maritime and aeronautical mobiles.

(Class D) Home stations: Stations operating from permanent or licensed station locations using commercial power. Class D stations may count contacts only with Class A, B, C and E Field Day groups for points.

(Class E) Home stations-emergency power: Same as Class D, but using emergency power for transmitters and receivers. Work stations in Class A, B, C, D and E.

6) Exchange: Stations in any ARRL/Canadian Section will exchange their Field Day operating class and ARRL/Canadian Section (see page 8 in any QST). For example, if your club group was planning to operate in the three-transmitter, Class A category from Missouri, you would send "3 A Missouri". Foreign stations send RST(T) and QTH.

7) Miscellaneous Rules:

A) Operators participating in Field Day may not, from any other station, contact for point credit the Field Day portable station of a group with which they participated.

B) A station used to contact one or more Field Day stations may not subsequently be used under any other call during the Field Day period. Family stations are exempted.

C) Each phone and each CW segment is considered as a separate band. All voice communication contacts are equivalent, and Packet/RTTY/ASCII/AMTOR is counted as CW. A station may be worked once on each band. Crossband contact are not allowed. The use of more than one transmitter at the same time on a single band is prohibited, except that a Novice/Technician position may operate on any Novice band segment at any time. No repeater contacts.

8) Scoring: Scores are based on the number of valid contact points times the multiplier corresponding to the highest power used at any time during the Field Day period, plus bonus points. Phone contacts count one point each, and CW contacts count two points each. Power multipliers: If all contacts are made using an output power of 5 W or less and if a power source other than commercial mains or motor-driven generator is used (eg. batteries, solar cells, water-driven generators), multiply by 5. If any or all contacts are made using an output power of 150 W or less, multiply by 2. Multiply by 1 if any or all contacts are made using an output power more than 150 watts. Batteries may be charged while in use for Class C entries only. For other classes, batteries charged during the Field Day period must be charged from a power source independent of the commercial mains.

A) Bonus points: The following bonus points will be added to the score (after the multiplier is applied) to determine the final score. Only Class A and B stations are eligible for bonuses. Just check the box on the Field Day summary sheet to indicate that you qualify for the bonus, and attach the necessary proof:

1) 100% emergency power: 100 points per transmitter for 100% emergency power. All equipment and facilities at the Field Day site must be operated from a source independent of the commercial mains. Example: A club operating 3A, using 100% emergency power may claim 300 bonus points.

2) Public relations:

A) 100 points for media publicity. Publicity must be obtained or a bona fide attempt to obtain publicity must be made. Evidence must be submitted in the form of a newspaper clipping, a memo from a BC/TV station stating that publicity was given or a copy of the material that was sent to the news media for publicity purposes.

Elections for the 93 - 94 season will be held on June 11, 1993 at the Nash Auditorium during the General meeting.

My name is Mark VE3JVJ and I am you Election Chairman and I can be reached at 574-4370 for a verbal confirmation of the nomination you so desire. According to the Club Constitution and Bylaws, I must have the nominations in, by Friday June 11, 1993. They must be in writing stating who you wish to nominate and these signatures, yours, a seconder, and the nominees. Here is a short biography of those nominated so far.

Lorraine Macpherson VE3NDB:

Lorraine has held her advanced ticket for nine (9) years and has been a designated examiner since October 1992 and a H.A.R.C member for six months. She has been a resident of Hamilton for 25 years and works in the communications industry. She is also a Chairperson for Public Relations for W.N.Y.S.O.R.C. [Western New York Southern Ontario Repeater Council] Other interests are working at a dog obedience school.

John Johnston VE3JWJ:

John has been an operator since Aug and has his Basic Qualification and 12 w.p.m. He has been a member of the H.A.R.C. since Sept 92. John has also been the Net Controller for the SwapShop and types out the monthly bulletin each month for the club. He has lived in Hamilton since 1956 and other interests are Custom and Classic cars, wood carving and is a musician.

Dave Bruton VE3DWJ:

Dave has been an operator since 1990 and holds his Basic Qualification and has been a member of H.A.R.C. since receiving his ticket. He has been the secretary of the club for the past year and has been a resident of the Hamilton area all his life. [Note - Dave wouldnt say how many as he wanted to protect his age.] Other interests are photography, botany and zoology.

Flora Manga VE3OQT:

Flora has had his Advanced ticket since 1983 and has been a member of HARC since 1978. Presently our Past President, Flora has resided in Hamilton for 35 years. Other interests he has are golf, and travel.

Joe Urbanaki VE3OCD:

Joe has been a member of the club for 6 years and has had an Advance ticket for 9 years. He is currently our Treasurer. He has resided in Hamilton for 25 years and his other interests are comping and geology.

Nominations will also be open on the floor at the meeting of June 16 and these previous nominees are what I have so far. Lets have those nominations in folks and keeps Canada's oldest Amateur Radio Club going strong.

Mark Will VE3JVJ

primary consideration, so you'll have to figure them out for yourself. :-)
Aside from basic mail etiquette, there are a couple of style guidelines that, if followed, make it easier to read and understand.
Keep the line length reasonable (less than 60 characters). You want to display on just about any terminal. If the note gets forwarded it might be indented by a tab character (usually 8 columns). Messages that consist of an extremely long line are particularly obnoxious. You have a return key; use it!

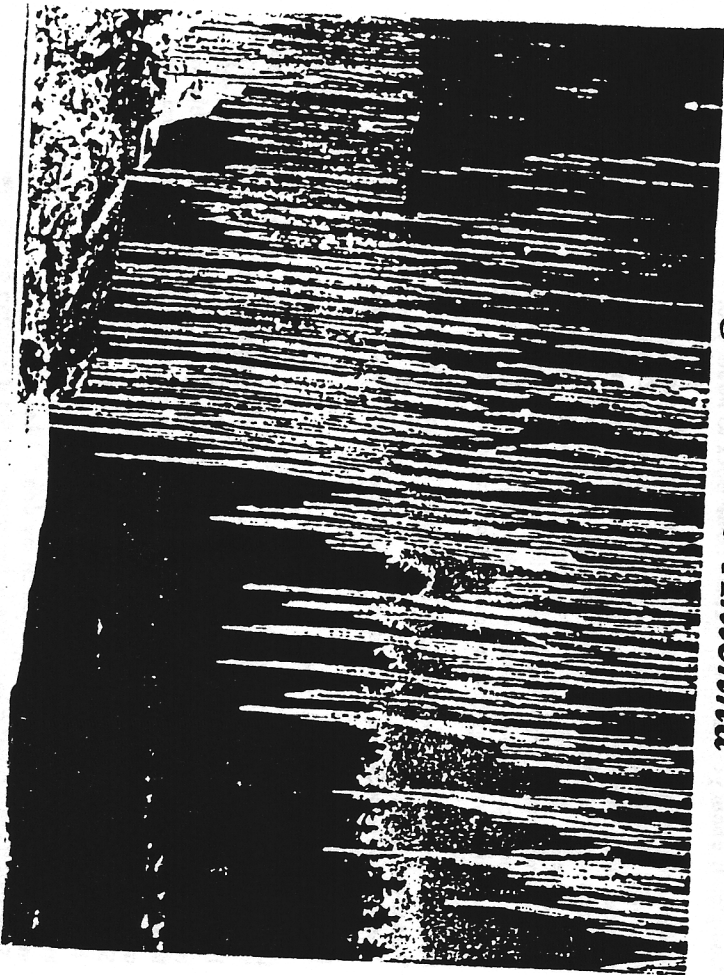
Use mixed case. Even though some operating systems don't understand lowercase letters, virtually all modern terminals can generate them. All uppercase sounds harsh, like shouting. UPPERCASE CAN BE USED FOR EMPHASIS!

Don't use exotic features of your terminal (bold, italics, etc.) These frequently send a string of control characters which wreck havoc on some typeset terminals.

Read your messages before you send it and decide if you'll regret it in the morning. On most systems, once you send it you are committed to it.

(From The Whole Internet Catalog & User's Guide)

Arctic Expedition Discovers Prehistoric Log Periodic Antenna



15 May, 1993
Issued at Administrative Office
P.O. Box 356
Kingston, ON, K7L 4W2
Editor:
William (Bill) H. Mason VE3NFU
Pocket Editor/Transmission: Steve Cutway VE3GRS

ITEM 01. SEND FOR RAC SUBMISSION TO DOC DM - Your national organization wants you to be fully aware of RAC's position over DOC matters. Associations and clubs across Canada ought to have a copy of RAC's "Submissions To Marc Rochon, Deputy Minister, DOC". The paper outlined the serious issues facing Canada's radio amateurs over towers, EMC matters, enforcement of regulations and preservation of amateur exclusive frequency spectrum. RAC suggested ways of resolving difficulties and recommended the formation of a permanent DOC/RAC advisory board. The paper was presented to the Deputy Minister during a recent meeting in Ottawa. We await Mr. Rochon's reply.

RAC welcomes feedback from individual amateurs, clubs and provincial associations to ensure the issues are fully addressed and understood. Get your copy while they last! Send two bills (\$2.00) to cover the cost of handling and mailing to:

"Submissions to DOC"
RAC Administrative Office
P.O. Box 356
Kingston Ont. K7L 4W2.

ITEM 02. RAC, the RADIO AMATEURS OF CANADA INC., is the national organization for radio amateurs licensed by the federal Department of Communications.

RAC is organized for the promotion of Amateur Radio communications and experimentation, for the establishment of Amateur Radio networks capable of providing communications in the event of disasters and other emergencies, and/or the representation of Canadian radio amateurs, nationally to the Department of Communications and other government agencies, and internationally as Canadian members of IARU, the International Amateur Radio Union.

RAC is incorporated as a non share capital corporation under the Canada Corporations Act. RAC is governed by a seven-person Board of Directors elected on a regional basis by the RAC membership.

Although the only essential qualification for RAC membership is a genuine interest in Amateur Radio, full voting membership is granted only to licensed Canadian radio amateurs. Membership in RAC includes a subscription to THE CANADIAN AMATEUR radio magazine as one of the membership services.

Membership enquiries and general correspondence should be directed to:
RAC Administrative Office, P.O. Box 356, Kingston, Ontario, K7L 4W2, Telephone (613) 545-9100.

ITEM 03. OFFICE MERGE - MESSAGE TO THE MEMBERS OF RAC, FROM THE OFFICE STAFF
The combining of the Arva and Kingston offices will take place during the week of June 7. At times during this period, there may be delays in answering the telephone, or a machine may take a message. Please bear with us - we will eventually have things sorted out, unpacked, and be ready to assist you!

ITEM 04. NEW ABER DEADLINE: People wishing to join RAC have until June 1 to get on the mailing list for the special Historical July issue of The Canadian Amateur! Please contact the administrative office in Kingston (613) 545-9100 for details!

Please note the RAC Administrative Office Telephone Numbers:
Main line: (613) 545-9100
Dedicated Fax line: (613) 544-8491

ITEM 05. C.N.E. (Canadian National Exhibition) Committee would like amateurs to participate in a booth at the C.N.E. A minimum of eight (8) persons needed on duty at any one time. Even a single amateur is welcome. The Exhibition will run for twenty (20) days, August 18 until September 6, 1993, inclusive, 10 a.m. to 10 p.m. weekdays, 12 noon to 10 p.m. Sundays, with a minimum of four (4) hours to a maximum of six (6) hours per shift.

For information, contact VE3NTK before June 2, 1993. Write to VE3CNE Committee, c/o Peter Arnoldi VE3NTK, 28 Wilberton Road, Toronto, Ontario, M4V 1Z3.

ITEM 06. GOLDEN ANTENNA AWARD - The town of Bad Bentheim, Germany, will once again be awarding the "Golden Antenna Award" during the 25th German-Dutch Radio Amateur Festival on 27 August 1993 in Bad Bentheim.

Radio amateur organizations worldwide, as well as individual amateurs, may nominate individuals or groups of radio amateurs for this award. The time period covered is between 1 September 1991 and 31 April 1993.

Nominees must have unselfishly rendered outstanding assistance during an emergency situation. The services may be rendered in the humanitarian field or in connection with rescue operations on the occasion of military conflicts, disasters or catastrophes. The main criteria is that amateur radio MUST have played a key role in rendering of the humanitarian deed.

The town of Bad Bentheim will invite the award-winner and will defray the cost of travel, as well as accommodations.

Detailed documentation substantiating the nomination is a must and should be sent to the following address: Stadt Bad Bentheim, P.O. Box 1452 D-4444, Bad Bentheim, Germany.

ITEM 07. HEATH KIT TOLL FREE NUMBER You can reach the Heath Company with this toll free number 1-800-253-0570. Heath is still active although it is no longer manufacturing amateur kits. For further information, call toll free 1-800-444-3284. Sudbury ARC Communicator

Captured from Packet via VE3VCA Steve VE3GRS at the keyboard. 73

POCKET CORNER

Hints for Writing Electronic Mail

If you read much e-mail, you'll see a lot of messages that should never have been sent and that the sender probably wishes he or she hadn't sent. To prevent making such mistakes yourself, you should develop some electronic mail "etiquette." Creating good habits while you're beginning can prevent big embarrassments later on.

Here is some advice:

Never commit anything to e-mail that you wouldn't want to become public knowledge. As was discussed previously, you never really know who may end up reading your e-mail message. This may be on purpose (e.g., if a co-worker covers someone's e-mail while he is on vacation), or by mistake, either yours or a misbehaving computer's. The threat does not end when the mail is deleted from the mail system. E-mail messages are frequently caught in system backups and sit on tapes in machine rooms for years. With enough effort, an old message might be found and resurrected. (This was how much of Oliver North's connection to the Iran-Contra affair was documented.)

Don't send abusive, harassing or bigoted messages. While abuse, harassment and even bigotry are hard to define, there's one good rule of thumb: if a message's recipient complains, stop. E-mail can usually be traced to its originating machine, and systems on the internet are "liable" for the misdeeds of their users. You don't want your system administrator for the system administrator of your electronic mail link to receive complaints about your activity. It could come back to haunt you.

Writers frequently approach electronic mail as a friendly conversation, but recipients frequently view e-mail as a cast-in-stone business letter. You might have had a wry smile on your face when you wrote the note, but that wry smile doesn't cross the network. You also can't control when the message will be read, so it might be received at the worst possible moment. Consider sitting around after work having a drink with a co-worker and saying "you really blew that sale." You could judge his frame of mind before speaking so you're sure he will take it jokingly. That same thing in e-mail which he reads after just being chewed out by the boss, comes off as "YOU REALLY BLEW THAT SALE!!!"

Be very careful with sarcasm. Consider this exchange with the big boss (a real "hands-on" manager):

You worked with Sam a while ago. What would you think of promoting him to regional sales manager?

To which you respond:

He's a real winner!

Does he get the promotion? The answer could either mean that he won the last three "salesperson of the year" awards, or that he hasn't sold anything for the past three years. There is no body language, nor perhaps any personal knowledge on the recipient's side (e.g., she may not know that you are quite the wisecracker!). Some help is available for these situations. For example, inserting a smily face into a message denotes "said with a cynical smile."

So:

He's a real winner! :-)

means he couldn't sell his way out of a paper bag. Another symbol is the wink meaning "it's better left unsaid but catch my drift." Like:

Sam and Bertha spent a long time in her room last night working on the presentation. :-)

A sentence whose meaning is left to the reader. :-)

W Radio Amateurs Are Called "HAM'S"

Taken from Florida skip Magazine -1959
and Found In "THE FANTAIL" December 1992 U.S. NAVY MARINE CORPS MARS

Have you ever wondered why radio amateurs are called "HAM'S"?
Well it goes like this:

The word "HAM" as applied to 1908 was the station CALL of the first amateur wireless stations operated by some amateurs of the HARVARD RADIO Club. They were ALBERT S. HYMAN, BOB ALMY and POOGIE MURRAY. At first they called their station "HYMAN".

ALMY - MURRAY". Tapping out such a long name in code soon became tiresome and called for a revision. They changed it to "HY-AL-MU", using the first two letters of each of their names.

Early in 1908 some confusion resulted between signals from amateur wireless station "HYALMU" and a Mexican ship named "HYALMO". They then decided to use only the first letter of each name and he station CALL became "HAM".

In early pioneer days of unregulated radio amateur operators picked their own frequency and call - letters. Then, as now, some amateurs had better signal than commercial stations. The resulting interference came to the attention of congressional committees in Washington and Congress gave much time to proposed legislation designed to critically limit amateur radio activity.

In 1911, ALBERT HYMAN chose the controversial WIRELESS REGULATION BILL a the topic for his Thesis at Harvard. His instructor insisted that a copy be sent to Senator DAVID WALSH, a member of the committees hearing the BILL. The Senator was so impressed with the Thesis that he asked HYMAN to appear before the committee.. ALBERT HYMAN took the stand and described how the little station was built and almost cried when he told the crowded committee room that if the BILL went through they would have to close down the station because they could not afford the license fees and all the other requirements which the BILL imposed on amateur stations.

Congressional debate began on the WIRELESS REGULATION BILL and the little station "HAM" became the symbol for all the little amateur stations in the country crying to be saved from the menace and greed of the big commercial stations who didn't want them around. The BILL finally got to the floor of Congress and every speaker talked about the "...poor little station HAM".

That's how it all started. You will find the whole story in the Congressional Record. Nationwide publicity associated station "HAM" with amateur radio operators. From that day to this, and probably 'till the end of time in radio:

An Amateur is a "HAM"

Field Day Rules

With FIELD DAY coming up I thought this might be of interested to you !!

1) Eligibility: Field Day is opened competitively to all amateurs in the RRL/Canadian Field Organization (plus Yukon and NWT). Foreign stations may be contacted for credit, but are not eligible to compete.

2) Object: To work as many stations as possible on any or all amateur bands (except 10 MHz) and, in doing so, to learn to operate in abnormal situations under less-than-optimum conditions. A premium is placed on skills and equipment developed to meet the challenge of emergency preparedness and to acquaint the public with the capabilities of Amateur Radio.

3) Dates: June 26-27, 1993.

4) Field Day Period: From 1800 UTC Saturday until 2100 UTC Sunday. Class A and Class B (see below) stations who do not begin setting up until 1800 UTC Saturday may operate the entire Field Day period of 27 hours. Others must begin their setup no earlier than 1800 UTC Friday, and may operate no more than 24 consecutive hours; ie, once on-the-air Field Day operation has started, it must end 24 hours from that point.

5) Entry Categories: Field Day entries are classified according to the maximum number of simultaneous transmitted signals, followed by the designation of the nature of the individual or group participation. Below 30 MHz, once a transmitter is used for a contact on a band, it must remain on that band for at least 15 minutes. During this 15-minute period, the transmitter is considered to be transmitting a signal, whether it is or not, for purpose of determining transmitter class. Switching devices prohibited.

(Class A) Club/nonclub portable: Club groups (or nonclub groups with three or more licensed amateurs) set up specifically for Field Day. Such stations must be located in places that are not regular station locations, and must use no facilities installed for permanent station use, nor any structures installed permanently for Field Day use. Stations must be operated under one call sign (except when the Novice/Technician position is used) and under the control of a single licensee or trustee for each entry. All equipment (including antennas) must lie within a circle whose diameter does not exceed 300 meters (1000 feet). All contacts must be made with transmitter(s) and receiver(s) operating independent of commercial mains. Entrants who, for one reason or another, operate a transmitter or receiver from commercial mains for one or more contacts will be listed separately at the end of their class.

Any Class A group whose entry classification is two or more transmitters (non-Novice) may also use one Novice/Technician operating position (Novice bands only) without changing its basic entry classification. For Field Day purposes only, any Canadian "Amateur" licensee, who has been licensed for less than six months prior to Field Day, shall be considered a "Novice" to provide a means for Canadian Field Day Class A stations with two or more transmitters to participate with a "Novice/Technician" operating position. This "Canadian Novice station" is restricted to the US Novice sub-bands and power/mode restrictions. The Novice/Technician station (including antennas) should be set up and operated by Novice and Technician licensees and should use the call sign of one of the Novice/Technician operators.

(Class A-Battery) Club/nonclub portable: Club groups (or non club groups with three or more licensed amateurs) set up specifically for Field Day and all contacts are made using an output power of 5 W or less and the power source is other than commercial mains or motor-driven generator (eg, batteries, solar cells, water-driven generators). Other provisions are the same as for class A.

(Class B) One- or two-person portable: Nonclub stations set up and operated by not more than two licensed amateurs will be placed in Class B. Other provisions are the same as for Class A. One- and two-person Class B entries will be listed separately in the results.

8. ENHANCED PROPAGATION CONDITIONS: It should be understood that during enhanced propagation conditions signals will be substantially stronger than during normal propagation periods. These periods may last several days during the summer months. It is quite possible that during enhanced propagation, distant co-channel repeater transmitters may be stronger than the local repeater transmitter at some locations within the local repeater's coverage area.

RED SHIELD CAMPAIGN

The Red Shield Campaign was very much a successful event. Both talents of the Salvation Army and the Hamilton Amateur Radio Club made it all possible. On behalf of the executive I would like to thank the following amateurs for their volunteer work:

VE3OQG Fiore Mangan	VE3JVJ Mark Hill
VE3FGQ Glen Gibson	VE3GCP Fred Robinson
VE3ARX Bill McCaslin	VE3MWH Mark Gibson
VE3ISX Barry Lisowski	VE3VEH Arie Verhoog
VE3SBP Steve Mandula	VE3NCM Ken Mangaroo
VE3YEO Bill Bown	VE3KHD Ken
VE3HNG Al Barker	VE3AZS Arthur Swayze
VE3DGG Don Grey	VE3GFE Stan Bolbruch

It was a great pleasure to see Bill McCaslin helping out this year. A special thanks to VE3ISX Barry of AIRTEL 2-WAY Paging and Cellular Phones who quickly checked out the 2-meter rigs from the base location for possible last stage finals burnout. He went to his workshop and pronounced the rigs were not damaged. The event carried happily along smoothly.

73'S DE VE3OQG FIORE MANGA

Saturday June 19. PEEL ARC FLEA MARKET,
Brampton Curling Club on Brampton Fair
Grounds, McMurchy Ave. south of Queen St. W.
Saturday July 3. ONTARIO HAMFEST by
Burlington ARC at Milton Fairgrounds, Milton.
Saturday August 21. BRANTFORD ARC FLEA
MARKET at Woodman Community Centre, 491 Grey
St. Brantford

center, parks, etc) with significant access by the public. The intent here is for Amateur Radio to be on display to the public.

B) 100 points for physically occupying an information booth for the visiting public, and public places actively conducting an information booth for the visiting public, and dispensing information handouts, maintaining visitor's log, etc, as an information/recruiting tool for Amateur Radio. Evidence submitted for both (B) and (C) may consist of copies of handouts, visitor's log, brief report on activities conducted, photos, etc.

C) An additional 100 points can be earned by such display stations in president or other Field Day leader, addressed to the SM or SEC, stating the club name (or nonclub group), number of operators, field location and number of ARES members participating. The message must be transmitted during the Field Day period, and a fully serviced copy of it must be in standard ARRL message form or no credit will be given.

4) Message relay: 10 points for each message received and relayed during the Field Day period, up to a maximum of 100 points. Copies of each message, properly serviced, must be included with the Field Day report.

5) Satellite QSO: 100 points can be earned by completing at least one QSO via satellite during the Field Day period. The repeater provision of Rule 7C is waived for satellite QSOs. A satellite station (one) does not count as an additional transmitter. On the summary sheet, show satellite QSOs as a separate "band".

6) Natural Power: Field Day groups making a minimum of five QSOs without using power from commercial mains or petroleum derivatives can earn 100 points. Intuitively, this means an "alternate" energy source of power such as solar, wind, methane or grain alcohol. This includes batteries charged by natural means (not dry cells). The natural-power station counts as an additional transmitter. If you do not wish to change your entry class, take one of your other transmitters off the air while making the natural-power QSOs. A separate list of natural-power QSOs should be enclosed with your entry.

7) W1AW message: A bonus of 100 points will be earned by copying a special ARRL Field Day bulletin sent over W1AW on its regularly announced frequencies just before and during Field Day. This message can be received directly from W1AW or by any relay method. An accurate copy of the received message should be included in your Field Day report.

8) Packet Radio: 100 points can be earned by completing at least one QSO on packet radio during the Field Day period. The repeater provision of Rule 7C is waived for packet radio QSOs. A packet station (one) does not count as an additional transmitter. On the summary sheet, show packet radio QSOs as a separate "band".

9) VHF/UHF: 100 points can be earned by completing at least ten QSOs (excluding packet contacts) on any band or combination of bands above 50 MHz (VHF/UHF bands) during the Field Day period. A VHF/UHF station (one) does not count as an additional transmitter. This station is not limited to making just ten QSOs. It may be operated for the entire Field Day period, and all contacts (excluding packet contacts) count for QSO points credit, including the first ten.

10) Reporting: Entries must be postmarked by July 28, 1993. No late entries can be accepted. A complete entry consists of an official ARRL summary sheet (or reasonable facsimile) and a list of stations worked on each band/mode during Field Day, plus bonus proof. The list of stations worked on each band or mode may take the form of official ARRL dupe sheets or an alphanumeric listing of call signs worked per band and mode. This list may be computer-generated. Incomplete or illegible entries will be classified as checklogs. A copy of Field Day logs should be kept by your Field Day group, but should not be sent in unless specifically requested later by ARRL.

11) Condition of Entry: Each entrant agrees to be bound by the provisions, as well as the intent, of this announcement, the regulations of his or her licensing authority and the decisions of the ARRL Awards Committee.

12) Disqualifications: See January 1993 QST, page 52.

FROM MEMBERSHIP CHAIRMAN

Quite a few Membership Certificates are still in my briefcase. These are for the following members:
 Collisigns- VE3GEE VE3JPE KD4LMM VE3VMO VE3WVC
 VE3JU VE3SDY VE3BLE VE3BNF VER3EVI
 VE3HTS VE3CFI

Please pick your certificate at the June meeting. They will not be mailed.
 73 de Arie VE3VEH

HAMILTON AMATEUR RADIO CLUB GENERAL MEETING MAY 19, 1993

The meeting of the Hamilton Amateur Radio Club was held at the Nash Auditorium Chedoke Hospital. The President VE3OQG, Ev opened the meeting at 8:10PM. He welcomed all visitors and members.
 VE3OQG, Flore introduced tonight's speaker, Gary O'Connor from the Red Cross. Gary informed us about the services the Red Cross provides for our community. VE3JAI, Emsley thanked the speaker.

Mark VE3JVJ, Nomination Chairperson updated the members who will be running for office in June. Mark asked the members for any more nominations. Please send nominations to him or to our mail box, before June 19 meeting.

Awards and Contest Chairperson VE3DWJ, David got the Home Brew Night off to a good start with the introduction of three members who have entered. Each contestant had a opportunity to give a short talk about their project. Peter VE3VD built a 2 Meter Amplifier and power supply. John VE3DW made a Digital repeater with a modem. Our newest member who joined earlier tonight also entered. Marty VE3QEE built a CW keyer and Oscillator.

The judging was done during the coffee break. The audience had a real opportunity to look inside all the projects and many questions were asked. After the coffee break the Awards and Contests Chairperson VE3DWJ asked one of the judges to inform us the winner. The winner of the Crawford Trophy for 1993 goes to VE3VD Peter. A new entrepreneur has donated a prize for the winner this year. Radio Tech Communications 1370 Barton St. E. (1 Block east of Kenilworth) Phone 547-6666.

The business part to the meeting started at 9:30 PM, with David VE3DWJ reading the minutes of April 21, 1993 general meeting. A motion to accept the report as read was made by Mark VE3JVJ and seconded by seconded Bill VE3WVC. (After the typo error of Mark's collisign VE3JCI should have read VE3JVJ) Motion carried.
 The Treasurer Report was read by Joe, VE3OCD. An opening balance of \$3,639.55 with credits of \$242.00 and a debit of \$254.43 for a new balance of \$3,633.08.

The Petty Cash opening balance of \$120.39 with credits of \$21.00 and debits of \$19.46 left a balance of \$121.93. During the report Joe stated that a refund was credited from Around the Bay Road Race. VE3GCP Fred corrected this statement as a credit for HARC Emergency Preparedness Fund. With the amended statement, a motion to accept the report was introduced by VE3GCP, Fred and seconded by VE3OQG, Flore. Carried.

HAMILTON AMATEUR RADIO CLUB SWAPSHOP LISTINGS
 AS OF JUNE 1/93
 ITEMS FOR SALE LIST

FOR INFO CALL VE3JVJ, JOHN (416)578-4275
 TUESDAY NIGHT 8:00 P.M. VE3NCF 146,760 MHZ
 ALL PRICES ARE NEGOTIABLE UNLESS OTHERWISE STATED

- 1 VE3DXT, DEREK (416)387-2936
- KIM 2MTR. 10ELEMENT BEAM \$100.00
- CUSHCRAFT JUNIOR BOOMER 2MTR. 15 ELEMENT BEAM \$125.00
- 1 VE3BSC, KEITH (416)634-0724
- BUTTERHUT HF6V VERTICAL ANT., 6BAND PLUS 160 COIL, LIKE NEW
- ASSEMBLY AND INSTALL INFO, STAINLESS HARDWARE \$150.00
- 2 VE3MWO, RON, (416)664-4297
- TRIPLE PR25A Regulated 25 AMP PWR SUPPLY WITH CROWBAR PROTECTION \$125.00
- 1 VE3CZ4, RAY, (416)632-0344
- FSL 1000 RITY UNIT \$100.00
- 15 WATT PA AMP. \$10.00
- NEW MINISCRIBE 8450 40 MEG HRDRIVE \$125.00
- SWR BRIDGE 80m TO 10m \$15.00 NEW
- PALMAR SWR BRIDGE \$45.00 NEW
- RCA SIGNAL GENERATOR \$15.00 NEW
- 2 D104 LOIPOP DESK MIKE 1 \$35.00 NEW
- 2 \$65.00 NEW
- 5/8 UHF WHIP ANTENNA \$35.00 NEW
- KWD TS8400 UHF RIG, LIKE NEW \$275.00
- 2 WESTERN 2M 25 WATT RIGS, BOTH NEED CRYSTAL AND EPROM \$200.00
- 1 VE3JUR, DAVE, (416)318-5380
- DRAKE TR22C PORTABLE 12CH CRYSTAL TRANSVR CRYSTALS INCLUDED \$150.00
- 2 VE3WWR, JOHN, (416)385-7694
- AEA ISOLOOP HF ANT. 10.30MHZ BRAND NEW \$350.00
- [VAESU FT2400 2 MTR MOBILE 50 WATTS,
- 30 AMP VARIABLE PWR SUPPLY 10.16V BUILT IN METER
- MJ] 921 2MTR TRANSMATCH SWR:PWR METER \$600.00]
- 2 VE3WVC, BILL, (416)572-3755
- RANSEY FTR 146 TRANSVR KIT 2.5 WATTS IT HAS BEEN BUILT AND ALLIGNED,
- 6 CHANNEL, PROGRAMMABLE, SCHEMATICS MANUALS ETC \$125.00
- 2 VE3XBR, BRIAN, (416)757-9733
- 2 MTR. 10 ELEMENT BEAM \$30.00
- KNWD, R5000 GENERAL COVERAGE RECEIVER, AM FILTER \$800.00 OR TRADE
- FOR DUAL BAND MOBILE.
- MARRAGE B3016 2 MTR AMPLIFIER 30IN. 160 OUT \$260.00
- 3 VE3NVX, RENZO, (416)521-1064
- PRESIDENT EXT SPEAKER \$10.00
- ICOM 2AT HH 2.5 WATTS, TOUCHSTONE PAD, CHARGER, MANUAL \$165.00
- 3 VE3BLE, BLAKE, (416)529-4415
- ROLLAND RAVEN 2.4 PIN DOT MATRIX PRINTER MODEL #PR2417 \$250.00
- WIRE PRINTER STAND \$15.00
- ALLINCO DR 570T VHF-UHF DUALBAND MOBILE, DIMF MIKE, CTCSS TONE BOARD
- FULL DUPLEX, MANIUAL LIKE NEW \$375.00

THE HAMILTON AMATEUR RADIO CLUB
P.O. BOX 215, Effort Square Postal Outlet, Hamilton, Ontario L8N-4G4

CLUB MEETINGS:

Meetings are held on the third Wednesday of each month except July and August at the Nash Auditorium, Chedoke Hospital. Start time is 8:00pm. Non-members and friends are welcome, coffee and donuts are on the house.

EXECUTIVE MEETINGS:

The Board of Directors meets at 7:30pm on the fourth Wednesday of each month in the Radio Room, Red Cross Building, 400 King St. East, Hamilton. Members are encouraged to attend.

CLUB STATION:

The HARC maintains an emergency radio station in the Red Cross Building, 400 King St. East, Hamilton, Ontario.

MEMBERSHIP:

Membership in the Club costs \$25.00 per club year. 1 September to 31 August. Additional family members (no bulletin) are \$1.00 per year.

EDUCATION and LICENSE TESTING:

Amateur radio license courses are regularly scheduled. License testing through the Club is performed on the Second Tuesday of each month (BY APPOINTMENT ONLY PLEASE). Contact the appropriate person responsible listed on the front cover. Just the taster and taster to be present at the time of testing.

REPEATER:

VE3NCF 146.760Mhz. (input -600), is located on the Hamilton escarpment, is available for use by all amateurs. Special features, mailbox, link, 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 Field-Day. Contact the Field-Day Co-ordinator on the front page for more 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 at 575-4745, or any major Packet bbs in Ontario.

FLEAMARKET:

A flea market is held during September each year at the Ancaster Fairground. The 1993 flea market date has yet to be set. The time will be 9:00 am.

BULLETIN:

The Hamilton Amateur, the official news bulletin of the Club is published ten times a year and sent to all members. Anyone wishing to contribute to the bulletin contact VE3DWJ Dave or VE3JWJ John. Please submit articles by 4th Wednesday of the Month.

CRESTS & CERTIFICATES:

Anyone wanting a Club Crest or Club Certificate please contact VE3VEH Aris Verhoog.

ITEMS WANTED LIST

ALL PRICES ARE NEGOTIABLE UNLESS OTHERWISE STATED

- 1 VE3VA, DALE, (416)278-6910 ASK FOR ROOM 3
- . OLDER GST MAGAZINES WANTED
- . OLD POWER TUBES 800 8000 SERIES ETC. WANTED
- 1 VE3OKA, CARL (416)389-4307
- UHF CRYSTALS FOR YAESU FTCA703 HI1 WANTED
- 2 VE3WVC, BILL (416)572-3755
- OLD COMMODORE 64 OR VIC 20 COMPUTERS ANY SHARE..
- 2 VE3CIB, BOB (416)383-2054
- HAMA ROTOR WANTED
- 2 VE3SDY, LOU, (416)387-6146
- KNWD, TH2ZA RIG WANTED
- 2 VE3ICJ, MARK (416)858-0718
- UHFVHF CRYSTAL MOBILE RIG WANTED
- 2 VE3GRB, JOHN, (416)244-1292
- R7 VERTICAL HF ANTENNA WANTED
- 4 VE3MXL, MALCOLM, (416) 574-7153
- SWR BRIDGE TO COVER FROM 2m TO 70cm
- 4 VE3JJS, JACK, (416) 648-6443
- AMPLIFIER OUTPUT TUBE 8950

Membership dues are due soon.

The membership year begins September 1, and present memberships expire at the end of August. The new Executive would appreciate a cheque for \$25.00. Additional family members are \$1.00 each.

ITEM 04. NEW ABER DEADLINE - People wishing to join RAC have until June 1 to get on the mailing list for the special Historical July issue of The Canadian Amateur! Please contact the administrative office in Kingston (613) 545-9100 for details!

Please note the RAC Administrative Office Telephone Numbers:
Main line: (613) 545-9100
Dedicated Fax line: (613) 544-8491

ITEM 05. C.N.E. (Canadian National Exhibition) Committee would like amateurs to participate in a booth at the C.N.E. A minimum of eight (8) persons needed on duty at any one time. Even a single amateur is welcome. The Exhibition will run for twenty (20) days, August 18 until September 6, 1993, inclusive, 10 a.m. to 10 p.m. weekdays, 12 noon to 10 p.m. Sundays, with a minimum of four (4) hours to a maximum of six (6) hours per shift.

For information, contact VE3NTK before June 2, 1993. Write to VE3CNE Committee, c/o Peter Arnoldi VE3NTK, 28 Wilberton Road, Toronto, Ontario, M4V 1Z3.

ITEM 06. GOLDEN ANTENNA AWARD - The town of Bad Bentheim, Germany, will once again be awarding the "Golden Antenna Award" during the 25th German-Dutch Radio Amateur Festival on 27 August 1993 in Bad Bentheim.

Radio amateur organizations worldwide, as well as individual amateurs, may nominate individuals or groups of radio amateurs for this award. The time period covered is between 1 September 1991 and 31 April 1993.

Nominees must have unselfishly rendered outstanding assistance during an emergency situation. The services may be rendered in the humanitarian field or in connection with rescue operations on the occasion of military conflicts, disasters or catastrophes. The main criteria is that amateur radio MUST have played a key role in rendering of the humanitarian deed.

The town of Bad Bentheim will invite the award-winner and will defray the cost of travel, as well as accommodations.

Detailed documentation substantiating the nomination is a must and should be sent to the following address: Stadt Bad Bentheim, P.O. Box 1452 D-4444, Bad Bentheim, Germany.

ITEM 07. HEATH KIT TOLL FREE NUMBER You can reach the Heath Company with this toll free number 1-800-253-0570. Heath is still active although it is no longer manufacturing amateur kits. For further information, call toll free 1-800-444-3284. Sudbury ARC Communicator

Captured from Packet via VE3VCA, Steve VE3GRS at the keyboard. 73

PEOPLE'S CORNER

Hints for Writing Electronic Mail

If you read much e-mail, you'll see a lot of messages that should never have been sent and that the sender probably wishes he or she hadn't sent. To prevent making such mistakes yourself, you should develop some electronic mail "etiquette." Creating good habits while you're beginning can prevent big embarrassments later on.

Here is some advice:

Never commit anything to e-mail that you wouldn't want to become public knowledge. As was discussed previously, you never really know who may end up reading your e-mail message. This may be on purpose (e.g., if a co-worker covers someone's e-mail while he is on vacation), or by mistake, either yours or a misbehaving computer's. The threat does not end when the mail is deleted from the mail system. E-mail messages are frequently caught in system backups and sit on tapes in machine rooms for years. With enough effort, an old message might be found and resurrected. (This was how much of Oliver North's connection to the Iran-Contra affair was documented.)

Don't send abusive, harassing or bigoted messages. While abuse, harassment, and even bigotry are hard to define, there's one good rule of thumb: if a message's recipient complains, stop. E-mail can usually be traced to its originating machine, and systems on the internet are "liable" for the misdeeds of their users. You don't want your system administrator (or the system administrator of your electronic mail link) to receive complaints about your activity. It could come back to haunt you.

Writers frequently approach electronic mail as a friendly conversation, but recipients frequently view e-mail as a cast-in-stone business letter. You might have had a wry smile on your face when you wrote the note, but that wry smile doesn't cross the network. You also can't control when the message will be read, so it might be received at the worst possible moment. Consider sifting around after work having a drink with a co-worker and saying "you really blew that sale." You could judge his frame of mind before speaking so you're sure he will take it jokingly. That same thing in e-mail, which he reads after just being chewed out by the boss, comes off as "YOU REALLY BLEW THAT SALE!!!"

Be very careful with sarcasm. Consider this exchange with the big boss (a real "hands-on" manager):

You worked with Sam a while ago. What would you think of promoting him to regional sales manager?

To which you respond:

He's a real winner!
Does he get the promotion? The answer could either mean that he won the last three "salesperson of the year" awards, or that he hasn't sold anything for the past three years. There is no body language, nor perhaps any personal knowledge on the recipient's side (e.g., she may not know that you are quite the wisecracker!). Some help is available for these situations. For example, inserting a smiley face into a message denotes "said with a cynical smile."

So:

He's a real winner! :-)

means he couldn't sell his way out of a paper bag. Another symbol is the wink meaning "it's better left unsaid but catch my drift." Like:

Sam and Bertha spent a long time in her room last night working on the presentation. :-)

A sentence whose meaning is left to the reader. :-)

W Radio Amateurs Are Called "HAMS"

Taken from Florida Ship Magazine - 1959
and Found In "THE FANTAIL" December 1992 U.S. NAVY MARINE CORPS MARS

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Well it goes like this:

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5) Entry Categories: Field Day entries are classified according to the maximum number of simultaneous transmitted signals, followed by the designation of the nature of the individual or group participation. Below 30 MHz, once a transmitter is used for a contact on a band, it must remain on that band for at least 15 minutes. During this 15-minute period, the transmitter is considered to be transmitting a signal, whether it is or not, for purpose of determining transmitter class. Switching devices prohibited.

(Class A) Club/nonclub portable: Club groups (or nonclub groups with three or more licensed amateurs) set up specifically for Field Day. Such stations must be located in places that are not regular station locations, and must use no facilities installed for permanent station use, nor any structures installed permanently for Field Day use. Stations must be operated under one call sign (except when the Novice/Technician position is used) and under the control of a single licensee or trustee for each entry. All equipment (including antennas) must lie within a circle whose diameter does not exceed 300 meters (1000 feet). All contacts must be made with transmitter(s) and receiver(s) operating independent of commercial mains. Entrants who, for one reason or another, operate a transmitter or receiver from commercial mains for one or more contacts will be listed separately at the end of their class.

Any Class A group whose entry classification is two or more transmitters (non-Novice) may also use one Novice/Technician operating position (Novice bands only) without changing its basic entry classification. For Field Day purposes only, any Canadian "Amateur" licensee, who has been licensed for less than six months prior to Field Day, shall be considered a "Novice" to provide a means for Canadian Field Day Class A stations with two or more transmitters to participate with a "Novice/Technician" operating position. This "Canadian Novice station" is restricted to the US Novice sub-bands and power/mode restrictions. The Novice/Technician station (including antennas) should be set up and operated by Novice and Technician licensees and should use the call sign of one of the Novice/Technician operators.

(Class A-Battery) Club/nonclub portable: Club groups (or non club groups with three or more licensed amateurs) set up specifically for Field Day and all contacts are made using an output power of 5 W or less and the power source is other than commercial mains or motor-driven generator (eg, batteries, solar cells, water-driven generators). Other provisions are the same as for class A.

(Class B) One- or two-person portable: Nonclub stations set up and operated by not more than two licensed amateurs will be placed in Class B. Other provisions are the same as for Class A. One- and two-person Class B entries will be listed separately in the results.

8. ENHANCED PROPAGATION CONDITIONS- It should be understood that during enhanced propagation conditions signals will be substantially stronger than during normal propagation periods. These periods may last several days during the summer months. It is quite possible that during enhanced propagation, distant cochannel repeater transmitters may be stronger than the local repeater transmitter at some locations within the local repeater's coverage area.

RED SHIELD CAMPAIGN

The Red Shield Campaign was very much a successful event. Both talents of the Salvation Army and the Hamilton Amateur Radio Club made it all possible. On behalf of the executive I would like to thank the following amateurs for their volunteer work:

VE3OQG Fiore Manga	VE3JVJ Mark Hill
VE3FGQ Glen Gibson	VE3GCP Fred Robinson
VE3ARX Bill McCaslin	VE3MWH Mark Gibson
VE3ISX Barry Lisowski	VE3VEH Arie Verhoog
VE3SBP Steve Mandula	VE3NCM Ken Mangaroo
VE3YEO Bill Bown	VE3KHD Ken
VE3HNG Al Barker	VE3AZS Arthur Swayze
VE3DGG Don Grey	VE3GFE Stan Bolbruch

It was a great pleasure to see Bill McCaslin helping out this year. A special thanks to VE3ISX Barry of AIRTEL 2-WAY Paging and Cellular Phones who quickly checked out the 2-meter rigs from the base location for possible last stage finals burnout. He went to his workshop and pronounced the rigs were not damaged. The event carried happily along smoothly.

73'S DE VE3OQG FIORE MANGA

Saturday June 19. PEEL ARC FLEA MARKET,
Brampton Curling Club on Brampton Fair
Grounds, McMurphy Ave. south of Queen St. W.
Saturday July 3. ONTARIO HAMFEST by
Burlington ARC at Milton Fairgrounds, Milton.
Saturday August 21. BRANTFORD ARC FLEA
MARKET at Woodman Community Centre, 491 Grey
St. Brantford

B) 100 points for physically locating in a public place (eg shopping center, parks, etc) with significant access by the public. The intent here is for Amateur Radio to be on display to the public.

C) An additional 100 points can be earned by such display stations in public places actively conducting an information booth for the visiting public, and dispensing information handouts, maintaining visitor's log, etc, as information/recruiting tool for Amateur Radio. Evidence submitted for both (B) and (C) may consist of copies of handouts, visitor's log, brief report on activities conducted, photos, etc.

3) Message origination: 100 points for origination of a message by the club president or other Field Day leader, addressed to the SM or SEC, stating the club name (or nonclub group), number of operators, field location and number of ARES members participating. The message must be transmitted during the Field Day period, and a fully serviced copy of it must be in standard ARRL message form or no credit will be given.

4) Message relay: 10 points for each message received and relayed during the Field Day period, up to a maximum of 100 points. Copies of each message, properly serviced, must be included with the Field Day report.

5) Satellite QSO: 100 points can be earned by completing at least one QSO via satellite during the Field Day period. The repeater provision of Rule 7C is waived for satellite QSOs. A satellite station (one) does not count as an additional transmitter. On the summary sheet, show satellite QSOs as a separate "band".

6) Natural Power: Field Day groups making a minimum of five QSOs without using power from commercial mains or petroleum derivatives can earn 100 points. Intuitively, this means an "alternate" energy source of power such as solar, wind, methane or grain alcohol. This includes batteries charged by natural means (not dry cells). The natural-power station counts as an additional transmitter. If you do not wish to change your entry class, take one of your other transmitters off the air while making the natural-power QSOs. A separate list of natural-power QSOs should be enclosed with your entry.

7) W1AW message: A bonus of 100 points will be earned by copying a special ARRL Field Day bulletin sent over W1AW on its regularly announced frequencies just before and during Field Day. This message can be received directly from W1AW or by any relay method. An accurate copy of the received message should be included in your Field Day report.

8) Packet Radio: 100 points can be earned by completing at least one QSO on packet radio during the Field Day period. The repeater provision of Rule 7C is waived for packet radio QSOs. A packet station (one) does not count as an additional transmitter. On the summary sheet, show packet radio QSOs as a separate "band".

9) VHF/UHF: 100 points can be earned by completing at least ten QSOs (excluding packet contacts) on any band or combination of bands above 50 MHz (VHF/UHF bands) during the Field Day period. A VHF/UHF station (one) does not count as an additional transmitter. This station is not limited to making just ten QSOs. It may be operated for the entire Field Day period, and all contacts (excluding packet contacts) count for QSO points credit, including the first ten.

10) Reporting: Entries must be postmarked by July 28, 1993. No late entries can be accepted. A complete entry consists of an official ARRL summary sheet (or reasonable facsimile) and a list of stations worked on each band/mode during Field Day, plus bonus proof. The list of stations worked on each band or mode may take the form of official ARRL dupe sheets or an alphanumeric listing of call signs worked per band and mode. This list may be computer-generated. Incomplete or illegible entries will be classified as checklogs. A copy of Field Day logs should be kept by your Field Day group, but should not be sent in unless specifically requested later by ARRL.

11) Condition of Entry: Each entrant agrees to be bound by the provisions, as well as the intent, of this announcement, the regulations of his or her licensing authority and the decisions of the ARRL Awards Committee.

12) Disqualifications: See January 1993 QST, page 52.

FROM MEMBERSHIP CHAIRMAN

Quite a few Membership Certificates are still in my briefcase. These are for the following members:

- Collisigns- VE3QEE VE3JPE KD4LMM VE3VMO VE3WVC
- VE3JU VE3SDY VE3BLE VE3BNF VE3EVI
- VE3HTS VE3CFI

Please pick your certificate at the June meeting. They will not be mailed.
73 de Arie VE3VEH

HAMILTON AMATEUR RADIO CLUB GENERAL MEETING MAY 19, 1993

The meeting of the Hamilton Amateur Radio Club was held at the Nash Auditorium Chadoke Hospital. The President VE3OQG, Ev opened the meeting at 8:10PM. He welcomed all visitors and members.

VE3OQG, Flore introduced tonight's speaker, Gary O'Conner from the Red Cross. Gary informed us about the services the Red Cross provides for our community. VE3JAJ, Emsley thanked the speaker.

Mark VE3JVJ, Nomination Chairperson updated the members who will be running for office in June. Mark asked the members for any more nominations. Please send nominations to him or to our mail box, before June 19 meeting.

Awards and Contest Chairperson VE3DWJ, David got the Home Brew Night off to a good start with the introduction of three members who have entered. Each contestant had a opportunity to give a short talk about their project. Peter VE3VD built a 2 Meter Amplifier and power supply. John VE3DW made a Digital repeater with modem. Our newest member who joined earlier tonight also entered. Marty VE3QEE built a CW keyer and Oscillator.

The judging was done during the coffee break. The audience had a real opportunity to look inside all the projects and many questions were asked. After the coffee break the Awards and Contests Chairperson VE3DWJ asked one of the judges to inform us the winner. The winner of the Crawford Trophy for 1993 goes to VE3VD Peter. A new entrepreneur has donated a prize for the winner this year. Radio Tech Communications 1370 Barton St. E. (1 Block east of Kenilworth) Phone 547-6666.

The business part to the meeting started at 9:30 PM, with David VE3DWJ reading the minutes of April 21, 1993 general meeting. A motion to accept the report as read was made by Mark VE3JVJ and seconded by seconded Bill VE3WVC. (After the typo error of Mark's collisign VE3JCF should have read VE3JVJ) Motion carried. The Treasurer Report was read by Joe, VE3OCD. A opening balance of \$3,639.55 with credits of \$242.00 and a debit of \$254.43 for a new balance of \$3,633.08.

The Petty Cash opening balance of \$120.39 with credits of \$21.00 and debits of \$19.46 left a balance of \$121.93. During the report Joe stated that a refund was credited from Around the Bay Road Race. VE3GCP Fred corrected this statement as a credit for HARC Emergency Preparedness Fund. With the amended statement, a motion to accept the report was introduced by VE3GCP, Fred and seconded by VE3OQG, Flore. Carried.

HAMILTON AMATEUR RADIO CLUB SWAPSHOP LISTINGS
AS OF JUNE 1/93
ITEMS FOR SALE LIST

FOR INFO CALL VE3JWJ, JOHN (416)578-4275
TUESDAY NIGHT 8:00 P.M. VE3NCF 146.760 MHZ
ALL PRICES ARE NEGOTIABLE UNLESS OTHERWISE STATED

- 1 VE3DXT, DEREK (416)387-2936
- KIM 2MTR. 10ELEMENT BEAM \$100.00
- CUSHCRAFT JUNIOR BOOMER 2MTR. 15 ELEMENT BEAM \$125.00
- 1 VE3BSC, KEITH (416)634-0724
- BUTTERNUT HF6V VERTICAL ANT., 6BAND PLUS 160 COIL, LIKE NEW
- ASSEMBLY AND INSTALL INFO, STAINLESS HARDWARE \$150.00
- 2 VE3MWO, RON, (416)664-4297
- TRIPLITE PR25A Regulated 25 AMP PWR. SUPPLY WITH CROWBAR PROTECTION \$125.00
- 1 VE3CZN, RAY (416)632-0344
- FSL 1000 RITTY UNIT \$100.00
- 15 WATT PA AMP \$10.00
- NEW MINISCRIIBE 8450 40 MEG HRDRIVE \$125.00
- SWR BRIDGE 80m TO 10m \$15.00 NEW
- PALMAR SWR BRIDGE \$45.00 NEW
- RCA SIGNAL GENERATOR \$15.00 NEW
- 2 D104 LOIPOP DESK MIKE 1 \$35.00 NEW
- 2 \$65.00 NEW
- 5/8 UHF WHIP ANTENNA \$35.00 NEW
- KWD TS8400 UHF RIG, LIKE NEW \$275.00
- 2 WESTERN 2M 25 WATT RIGS, BOTH NEED CRYSTAL AND ERROM \$200.00
- 1 VE3JUR, DAVE, (416)318-5380
- DRAKE TR22C PORTABLE 12CH CRYSTAL TRANSVR.CRYSTALS INCLUDED \$150.00
- 2 VE3WWR, JOHN, (416)385-7694
- AEA ISOLOOP HF ANT. 10.30MHZ BRAND NEW \$350.00
- I VAESU FT2400 2 MTR. MOBILE 50 WATTS,
- 30 AMP VARIABLE PWR SUPPLY 10.16V BUILT IN METER
- MfJ 921 2MTR TRANSMATCH SWR.PWR METER \$600.00]
- 2 VE3WVC, BILL, (416)572-3755
- RAMSEY FT146 TRANSVR. KIT 2.5 WATTS IT HAS BEEN BUILT AND ALLIGNED,
- 6 CHANNEL, PROGRAMMABLE, SCHEMATICS MANUALS ETC \$125.00
- 2 VE3XR, BRIAN, (416)757-9733
- 2 MTR. 10 ELEMENT BEAM \$30.00
- KNWD, R5000 GENERAL COVERAGE RECEIVER, AM FILTER \$800.00 OR TRADE
- FOR DUAL BAND MOBILE.
- MARRAGE B3016 2 MTR. AMPLIFIER 30IN. 160 OUT \$260.00
- 3 VE3NXX, RENZO, (416)521-1064
- PRESIDENT EXT SPEAKER \$10.00
- ICOM 2AT HH 2.5 WATTS, TOUCHTONE PAD, CHARGER, MANUAL \$165.00
- 3 VE3BLE, BLAKE, (416)529-4415
- ROLLAND RAVEN 24 PIN DOT MATX. PRINTER MODEL #PR2417 \$250.00
- WIRE PRINTER STAND \$15.00
- AIINCO DR 570T VHF/UHF DUALBAND MOBILE, DTMF MIKE, CTCSS TONE BOARD
- FULL DUPLEX, MANUAL LIKE NEW \$375.00

IE HAMILTON AMATEUR RADIO CLUB
P.O. BOX 215, Effort Square Postal Outlet, Hamilton, Ontario L8N4G4

CLUB MEETINGS:

Meetings are held on the third Wednesday of each month except July and August at the Nash Auditorium, Chedoke Hospital. Start time is 8:00pm. Non-members and friends are welcome, coffee and donuts are on the house.

EXECUTIVE MEETINGS:

The Board of Directors meets at 7:30pm on the fourth Wednesday of each month in the Radio Room, Red Cross Building, 400 King St. East, Hamilton. Members are encouraged to attend.

CLUB STATION:

The HARC maintains an emergency radio station in the Red Cross Building, 400 King St. East, Hamilton, Ontario.

MEMBERSHIP:

Membership in the Club costs \$25.00 per club year. 1 September to 31 August. Additional family members (no bulletin) are \$1.00 per year.

EDUCATION and LICENSE TESTING:

Amateur radio license courses are regularly scheduled. License testing through the Club is performed on the Second Tuesday of each month (BY APPOINTMENT ONLY PLEASE). Contact the appropriate person responsible listed on the front cover. Just the taster and taster to be present at the time of testing.

REPEATER:

VE3NCF 146.760MHz. (input -600), is located on the Hamilton escarpment, is available for use by all amateurs. Special features, mailbox, link, 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 Field-Day. Contact the Field-Day Co-ordinator on the front page for more 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 VE3SJ on 145.590, or via modem at 575-4745, or any major Packet bbs in Ontario.

FLEAMARKET:

A fleamarket is held during September each year at the Ancaster Fairground. The 1993 fleamarket date has yet to be set. The time will be 9:00 am.

BULLETIN:

The Hamilton Amateur, the official news bulletin of the Club is published ten times a year and sent to all members. Anyone wishing to contribute to the bulletin contact VE3DWM Dave or VE3JWJ John. Please submit articles by 4th Wednesday of the Month.

CRESTS & CERTIFICATES:

Anyone wanting a Club Crest or Club Certificate please contact VE3VEH Arie Verhoog.

ITEMS WANTED LIST

ALL PRICES ARE NEGOTIABLE UNLESS OTHERWISE STATED

- 1 VE3VA, DAVE, (416)278-6910 ASK FOR ROOM 3
- OIDER GST MAGAZINES WANTED
- OLD POWER TUBES 800 8000 SERIES ETC WANTED
- 1 VE3OKA, CARL, (416)389-4307
UHF CRYSTALS FOR YAESU FTCA703 HH WANTED
- 2 VE3WVC, BILL (416)572-3755
OLD COMMODORE 64 OR VIC 20 COMPUTERS ANY SHAPE..
- 2 VE3CIB, BOB (416)383-2054
HAM4 ROTOR WANTED
- 2 VE3SDY, LOU, (416)387-6146
KNWD. TH27A RIG WANTED
- 2 VE3ICJ, MARK (416)858-0718
UHF-VHF CRYSTAL MOBILE RIG WANTED
- 2 VE3GRB, JOHN, (416)244-1292
R7 VERTICAL HF ANTENNA WANTED
- 4 VE3MXL, MALCOLM, (416) 574-7153
SWR BRIDGE TO COVER FROM 2m TO 70cm
- 4 VE3JJS, JACK, (416) 648-6443
AMPLIFIER OUTPUT TUBE 8950

Membership dues are due soon.

The membership year begins September 1, and present memberships expire at the end of August. The new Executive would appreciate a cheque for \$25.00. Additional family members are \$1.00 each.