



"THE ORDER OF THE GAVEL C.W. OPERATING AWARD"



Please submit this form not later than the Feb 1991 membership meeting. The trophy will be awarded at the March 1991 meeting. The judges may want to see your logs before making their final decision.

Include QSO'S from Jan. 1, 1990 to Dec. 31, 1990 inclusive. A valid QSO must be in the CW mode using your own call sign and must contain the standard report i.e. RST, name, call and QTH.

Fill in the applicable blanks below to compute your score.

1. No. of QSO'S under 10 watts (non DX) _____ x 5 = _____ pts.
2. No. of QSO'S under 10 watts (DX) _____ x 5 x 5 = _____ pts.
3. No. of QSO'S under 200 watts (non DX) _____ x 2 = _____ pts.
4. No. of QSO'S under 200 watts (DX) _____ x 2 x 2 = _____ pts.
5. No. of QSO'S over 200 watts (all) _____ x 1 x 1 = _____ pts.
6. TOTAL (1) + (2) + (3) + (4) + (5) = _____ pts.

Now use one of the following equalizers to obtain your score.

7. Lic. 3 years or more reduce 6 by 25%..... = _____ pts.
8. Lic. under 3 years reduce 6 by 15%..... = _____ pts.
9. Lic. 2 years and under reduce 6 by 10%..... = _____ pts.
10. Lic. 1 year and under use 6..... = _____ pts.
11. Lic. under 1 year but more than 90 days you may pro rate 6 thusly
 _____ (6) x 365 no. of days Lic. = _____ pts.

Date of licence shall be considered the date of your first QSO on your own station call.

name _____ address _____ phone _____
 station call _____ SCORE (one of 7 to 11) = _____ pts.

The Hamilton Amateur

February 1991
 (Established 1932)

Hamilton Fire Department Communications

Come and listen to Chuck Wilson tell us about the Fire department's communications and what they're doing to improve it

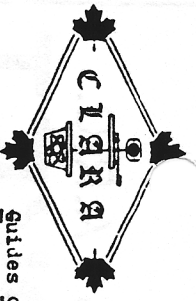
Meeting: 20 February 1991 20:00 hrs
 Nash Auditorium - Hamilton

HARC EXECUTIVE FOR SEPTEMBER 1990:

- PRESIDENT: VESON Jim Walsh 699-8839
- PAST PRESIDENT: VESJTO Mike Spennuk 529-1603
- VICE PRESIDENT OPNS: VESDKJ Keith Johnson 547-5801
- VICE PRESIDENT ADMIN: VESTJL Cliff Tooner 628-4131
- SECRETARY: VESSMF Stuart Fedak 692-5182
- TREASURER: VESYFR Norm Sangar 547-1960
- MEMBERSHIP: VESMNO Ron Hallis

HARC COMMITTEE CHAIRPERSONS FOR 1990:

- AWARDS & CONTESTS: VESAAH Gordon Barber 383-9161
- HISTORIAN: VESBLG George Olenick 383-7336
- PROPERTY: VESANB Richard Leah 847-9192
- BULLETIN EDITOR: VESSON Jim Walsh 689-8839
- EDUCATION: VESJTY Bernie Granby 527-7175
- EMERGENCY COORD: VESNYC Paul Hazan 884-4345
- FIELD DAY COORDINATOR: VESTJL Cliff Tooner 847-5801
- FLEA MARKET: VESYFR Norm Sangar 547-1960
- HEALTH & WELFARE: VESYFC Paul Hazan 884-4345
- PROGRAMS: VESDKJ Keith Johnson 529-1603
- PUBLIC LIASON: VESJGP Fred Robinson 575-5197
- HOSPITALITY COORD: SWL Gerald Crawshaw 385-2789
- CHRISTMAS DINNER PLAN: VESDQJ Flori Munga 578-1789
- SWAP NET CONTROL: VESDKJ Keith Johnson 529-1603
- REPEATER: VESOCY Don Graziano 580-1960
- TECHNICAL: VESOCY Don Graziano 580-1960
- VE3DC LICENCEE: VESFHQ Glen Gibson 385-2786
- VE3NCF LICENCEE: VESOCY Don Graziano 580-1960
- VE3RCB LICENCEE: VESNYC Paul Hazan 884-4345
- DESIGNATED EXAMINERS: VESYKY Bernie Granby 527-7175
- VESDKJ Keith Johnson 529-1603
- VE3GCP Fred Robinson 575-5197
- VE3SMF Stuart Fedak 628-4131



Canadian Ladies' Amateur Radio Association

Guides on the air february 23-24, 1991

Dear Club members and all Amateur Radio Operators,

This is an open invitation for all Amateur Radio Operators to participate with all those in the Girl Guide movement, to take part in the annual Guides On The Air - GOTA. GOTA is sponsored by the Canadian Ladies Amateur Radio Association - CLARA.

This is an international event, similiar to the Boy Scout Jamboree. Why not make it a Club venture? Operate from the club headquarters, a school, church or one of the Girl Guide camps. There will be many operating from their own QTH.

Contact your local Girl Guide Headquarters and tell them your inviting them to participate in Guides on The Air. Dates are February 23-24, 1991.

This year we are concentrating on 20 and 75 Metres but other bands are acceptable.

COME JOIN IN THE FUN AND CREATE AN INTEREST IN AMATEUR RADIO FOR THESE YOUNG GIRLS.

I will be using the call VE3GIRL Guides Canada and will be acting Net Control on 14.133.

After the event let me know about your operation, photos, and your publicity so we can write a column about it, see what improvements we can make and put the info into the GOTA scrapbook.

I hope to hear your on February 23-24, 1991.

CATHY HRISCHENKO VE3GJH/VE3GGC
2 DALMEYNE ROAD, THORNHILL, ONT. L3T 1L9
PHONE: 416-764-6962

PRESIDENT'S MESSAGE

It's time to start thinking about field day. Discuss with Cliff VE3TJL 547-5801 what you are prepared to do. That way he can complete the plans and make sure no gaps are unfilled. Last year we had a good time and made a good score. This year we can do better if we start planning now.

At the executive meeting there was discussion about adding tone access to our repeater. Concern was expressed about how many of our members had tone access capability. This will be discussed in the business session of the next club meeting to get a consensus of the opinions of the members present.

Jim VE3SON

ADDRESS CHANGE

The Hamilton Amateur Radio Club mailing address has been changed. The beautiful Dominion Public Building on John St S is going to be renovated to accommodate much needed Provincial Court space, and as a consequence, Postal Station "A" is moving. Please note our new mailing address:

HAMILTON AMATEUR RADIO CLUB
POST OFFICE BOX 91215
EFFORT SQUARE POSTAL OUTLET
HAMILTON, ONTARIO L8N 4G4

LICENCE TESTING

The Hamilton Amateur Radio Club provides regular opportunities for those wishing to upgrade or obtain their Amateur Licences to do so.

The second Wednesday of every month (excluding the summer) has been set aside for administering the Basic Written, Advanced Written, 5 WPM code and 12 WPM code tests. The tests are free of charge. If you are interested, contact one of the designated examiners listed below. You must bring some form of picture identification to the session, and are allowed a non-programmable calculator. Sessions are held at 7:00 p.m. at the Radio Room, Third Floor, Red Cross Building 400 King St East, Hamilton. Be sure to make arrangements first, as if no interest is shown, the month's session will be cancelled.

Next session is Wednesday, 13 February, 1991.

The designated examiners to contact are:

Fred Robinson VE3GCP 575-5197
Bernie Granby VE3EKY 527-7175
Stuart Fedak VE3SMF 628-4131
Keith Johnson VE3DKJ 529-1603

To list items: VE3NCF (146.76) Tuesdays 8 pm, OR Call Keith (VE3DKJ) 529-1603 or Ralph (VE3BYM) 388-6146 or Rich (VE3ANB) 547-8192, OR leave message on the VE3DC Packet BBS (145.590 MHz) or via modem on BBS at 575-4745 (pick your password) to Keith Johnson.

VE3RMA RON, 545-1056
 o INFORMATION ON T1200 HANDHELD (made by SEEC Tolo Suko Corp)

VE3NCK BILL, 545-3579
 o 40M HUSTLER RESONATOR, LO PWR OK

VE3PKY CHRIS 547-3169, 848-7582
 DAYS MISSISSAUGA
 o QUARTZ XTALS FOR 80 OR 40M, ANY HOLDER

VE3ATW/ROGER, 388-9142
 o MANUAL FOR BIRD WATTMETER (the one that takes plug-in elements) or OPERATING DESCRIPTION OR SCHEMATIC

VE3GTE JOHN, (519) 753-1137 Brantford
 o ELECTRONIC KEYSER+PADDLE, HEATHKIT TYPE

VE3NXP AL, 822-8948 after 6:00 GUELPH
 o SOFTWARE TO CONTROL YAESU 757 with an IBM CLONE

VE3EGT LES, 547-2717
 o MC80 OR MC60 MIKE

VE3DGU JOE, 551-1845 (YORK)
 o MANUAL FOR FT208R 2M RIG
 o 2M MAG MOUNT

VE3SMF STUART, 628-4131
 o TWO RELAYS, 117V PRIMARY DPDT, ONE >10A, ONE >2A

VE3BLG GEORGE, 383-7338
 o 20 to 10 TRAP VERTICAL

VE3OCQ BOB, 549-6125
 o CABLE CONVERTER WITH REMOTE CONTROL

VE3UNI JOHN, 389-6331
 o HAM SOFTWARE FOR THE AMIGA

LATE FLASH

GERALD CRAWSHAW WHO HAS BEEN LOOKING AFTER OUR COFFEE AND DOUGHNUTS HAS HAD A STROKE. AT LAST WORD HE WAS STILL IN THE HOSPITAL IN THE REHABILITATION WARD.

The Soviet delegation received a warm reception in Hamilton recently. Competition takes place 11 February to 17 February. Our own VE3ANB Rich will be in charge of relaying the data, with VE3DKJ Keith as backup.

The dates of relay are: 4 February (practice)

- 11 February
- 13 February
- 15 February
- 16 February
- 17 February

Frequencies are:

- MAIN: 14.121 at 5:45Z
- BACKUP: 21.250 at 15:30Z

You are encouraged to listen, and after the data have been sent and received, feel free to break in to chat and make a Soviet contact. This will spread the goodwill that Fit-Trek was designed to foster.

FEBRUARY MEETING:

The speaker for the 20 February General Meeting of the Hamilton Amateur Radio Club will be Chuck Wilson of the Hamilton Fire Department.

Fire Department Communications share something with Amateur Communications - communicating in an emergency situation under pressure. They are in the process of rewrapping their communications set-up, changing to a trunking system, so this should be a very interesting evening.

Upcoming meetings include "QRP Operation" with James Wilson VE3KON and "Short Wave Listening" with Stephen Canney VE3FQ of the Ontario DX Association.

HAMMOND MUSEUM TOUR:

Fred Hammond will be conducting a tour of his renowned Museum of Radio, for the Hamilton Club on 23 March 1991. He will also provide us with a lunch. The time is tentatively 11:00 am in Guelph. We are not providing transportation, but I would like to see as many people in as few cars as possible. If you can provide an extra seat for the trip, or need a seat, I will act as coordinator for the information. Call me, VE3DKJ Keith at 529 1603.

MONITOR THE EVENTS AS THEY HAPPEN

Courtesy of VE3TNW Tony, the following frequencies give us a chance to keep an ear on the Gulf War without having to rely on CNN.

To list items: VE3NCF (146.76) Tuesdays 8 pm. OR Call Keith (VE3DKJ) 529-1603 or Ralph (VE3BYM) 388-6146 or Rich (VE3ANB) 547-8192. OR leave message on the VE3DC Packet BBS (145.590 MHz) or via modem on BBS at 575-4745 (pick your password) to Keith Johnson.

Items accepted should be related to the enjoyment of our common hobby, Amateur Radio - this has been interpreted to include also computer equipment, C.B. and other electronic gear that can be used or converted to Amateur Radio use. Listings are read over the air for four weeks, published once in The Hamilton Amateur, and posted on the packet and computer BBS VE3DC (sysop VE3JSJ Gord) 145.590 and 575-4745.

- VE3PVB RON, 572-9906
- BC16U ICOM CHARGER \$20

- VE3XBR BRIAN, 575 9733
- MFJ 959B ANTENNA TUNER/PREAMP asking \$75
- AUTEK OF1 AUDIO FILTER \$40 neg
- "CANADIAN AVIATION" FL30M AUDIO FILTER \$25
- KSR DIGITAL FREQ DISPLAY UNIT \$100
- NEC TONE + VOICE POCKET PAGER WITH RECHARGER, MINT \$75

- VE3MNC KEN, 388 2873 OR AUTODIAL 114
- CUSHCRAFT ARX-2B RINGO RANGER II \$65

- VE3EWP BOB, 519 653 9520
- MFJ 910 HF MOBILE ANT MATCHER \$OPEN TO OFFERS

- VE3OQX EVERETT, 385 0879
- ICOM 290H ALL MODE (ULSB,FM,CW) TRANSCEIVER, NEW CONDITION \$350

- VE3PKY CHRIS, 547 3169 OR 848 7582 DAYS MISSISSAUGA
- HW8 QRP RIG, EXCELLENT CONDITION, HW71 PS, HEADPHONES, BUILT-IN KEYSER, HOMEBREW PADDLE \$120 OR B.O.

- BART, 574 9004
- HANDHELD SCANNER- JUPITER MVT-5000, 100 CH, COVERS 25-1300 CONTINUOUS, REGULAR STEPPING PLUS 30 KHZ \$400 OR B.O.

Kol Israel:				
19:55	11.585	AM		Often in English but give special reports in English at important events such as air raid warnings.
00:00-00:30	9.435	AM		English
	11.605	AM		English
01:00-01:30	9.435	AM		English
	11.605	AM		English
02:00-02:30	9.435	AM		English
	11.605	AM		English
05:00-05:30	9.435	AM		English
	11.605	AM		English
23:00-23:30	9.435	AM		English
	11.605	AM		English

Syria
Radio Damascus
21:10-22:15 12.085 AM English logging

Iran: VOIA
19:30-20:15 9.022 AM English logging

VOICE OF AMERICA:
Refer to DX Ontario/January 1991 page 40.

BBC WORLD SERVICE:
Refer to DX Ontario/January 1991 page 40.

MARS (Military Amateur Radio Service)
These frequencies will carry military phone patches of a personal nature. NO military traffic will be involved.

14.606	USB	Phone patch
14.485	USB	Phone patch
6.750	USB	Phone patch
2.992	USB??	Phone patch

=====
Airport Flight Safety Frequency: This would be used to warn of terrorist threats.
8.972 USB
=====

=====
The above was from VE3JFC, Ontario DX Association Amateur Radio Net of January 20, 1991 on 7.068 Mhz. USB. The session was transcribed by VE3SMF in Dundas, Ontario for packet radio use.

Please send any other loggings to VE3SMF @ VE3HPL.ON.CAN.NA

15 January 1991, issued at CARF Headquarters, P.O. Box 356, Kingston, ON, K7L 4W2

ITEM 4. LITHUANIA now has a national QSL Bureau - address: Lithuanian QSL Bureau, Box 1000, VILNIUS, Lithuania, 232001. Credit LY2BZ and VE3KE.

ITEM 5. ZL QSL Bureau - new address: B.E. Stewart ZL2RR, P.O. Box 857, WANGANUI 5000, New Zealand.

ITEM 6. FROM THE ONTARIO DX ASSOCIATION: ODXA Ham Net, Sunday's at 1700 UTC, 7,068 MHz +/--. The purpose of the net is to share shortwave tips, information and comments. Everyone is welcome to call in or listen in. Net control is shared amongst regular users. For further info about the ODXA, contact: The Ontario DX Association, P.O. Box 161, Station A, WILLOWDALE, Ontario, M2N 5S8 or tel: (416) 853-3169.

ITEM 7. Mayday! Mayday! de CARF Office: Our staff is swamped daily by orders and renewals from people who have not included GST with their payments. Please cooperate, we don't impose the tax but are compelled to collect and remit it.

ITEM 13. NEWS FROM CARF OUTGOING QSL BUREAU TO MEMBERS:

1. Please sort your outgoing cards correctly according to instruction sheet. Unsorted cards will be handled when time allows and thus may be delayed.
2. Outgoing cards from members to call areas that do not have a Bureau should indicate the call sign of the QSL Manager handling the cards.
3. ATTENTION QSL MANAGERS FOR SPECIAL CALLS AND DX STATIONS: CARF outgoing QSL Bureau is for the personal QSL cards of CARF Members and the call sign only of Affiliate Club Stations. QSL managers wishing to send out cards in bulk must make financial arrangements with the CARF QSL Bureau Manager.

ITEM 16. FCC says yes to No Code in U.S.A. On 13 December 90 the FCC removed the 5 wpm Morse requirements from the existing Technician Class Amateur operator licence. This gives them privileges above 30 MHz. Passing a 5 wpm test will give HF privileges the same as Novice and current Technician. Present Technician licences will be 'grandfathered' meaning they will keep all current privileges including HF and will probably be called Technician Plus. FCC voted to exempt handicapped Novice and Technician licensees from the 13 and 20 wpm Morse tests required for upgrading to a higher class of licence. However the 5 wpm Morse test is required to be passed by all Amateurs who desire HF operation. Credit W5Y1 Report.

ITEM 17. WARC '92 INFO: First draft of Canadian proposals to the world Administrative Radio Conference, Torremolinos, Spain, 1992 have been prepared. The Amateur bands are not affected by these proposals. In connection with WARC '93, studies are continuing for the possible identification of bands suitable for reallocation on an exclusive basis to HF broadcasting, and it has been agreed by the Canadian Preparatory Committee that the Amateur bands should not be touched.

73 de VE3VCA Steve VE3GRS at the keyboard

HR BULLETIN 2 (PACKET CRLE002) FROM CRRL, LONDON, ONTARIO,
1991 JANUARY 20, TO ALL RADIO AMATEURS BT

Item 1:

Many amateurs have asked CRRL if events in the Middle East will affect Canadian Amateur Radio operation. DOC has advised CRRL that, for the moment, there are no changes. However, DOC may issue a list of countries with which Canadian Amateur Radio stations should not communicate. Of the countries involved in the war, only Iraq and Saudi Arabia appear on the ITU "banned countries list". Over and above this, however, CRRL strongly advises that Canadian amateurs not contact any Amateur Radio stations located in any countries in the Middle East directly involved in the war.

Item 3:

A reminder that to publicize the 1991 Canada Winter Games being held in Charlottetown, Prince Edward Island, Canadian amateurs may use the following special prefixes throughout February: CG1-CG8 in VE1-VE8, VG1, VG2 and VG9 in VY1, VY2 and VY9 (VY9 is the prefix used by DOC club stations), and VO5-VO6 in VO1-VO2. Enjoy! AR

COMING EVENTS TO ACCOMPANY 1991 BULLETIN 2:

ARRL International DX Contest - CW
February 16-17
Girl Guides on the Air
February 23-24
CQ WW 160-Metre Contest - phone
February 22-24
ARRL International DX Contest - phone
March 2-3
CCWA QSO Party - phone
March 9-10

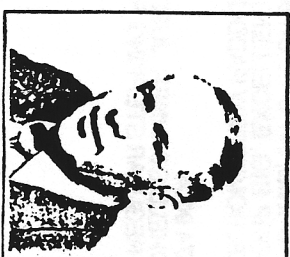
73, DE VE3GRO @ VE3GYQ, CRRL, BOX 7009, STATION E, LONDON, ON N5Y 4J9



Royal LePage Real Estate Services Ltd.

V E 3 G C P

25 YEARS CONTINUOUS SERVICE TO R.A.R.C.
18 YEARS AS A HAMILTON & AREA REALTOR
PHONE: OFFICE 387-2424, RES. 575-5197



Fred J. Robinson
Associate Broker

Voice of Free Iraq (Egypt based) 15.600MHz, 17.940MHz 17:00hrs
 Voice of Holy War (Jihad) 15.170MHz 16:00 to 18:00hrs
 Voice of Peace (Baghdad) 11.860MHz 18:45hrs
 Jordan 9.560MHz 16:00hrs
 U.N. Radio for Peace International 21.565, 13.630MHz 00:00-00:15hrs
 Iran 9.022MHz 19:30hrs
 Radio Cairo 9.475MHz 02:00hrs

UTE FREQUENCIES (USB)
 C F Troop Carriers 11.233MHz
 Strategic Air Command (US) 6.761, 13.244, 8.993, 11.126MHz
 Military Airtit 11.176 to 11.288MHz

Frequencies may be jammed or scrambled.

The UTE frequencies are in Upper SideBand, and irregular. You will have to monitor to catch the activity.

Date: January 20, 1991
 To: All Ontario Radio Amateurs
 RE: SWL Frequencies for ODX members

The following Desert Storm related frequencies were reported on the Sunday, January 20, 1991 Ontario DX shortwave listeners net:

Radio Baghdad:
 These are actual loggings within the last 24 hours or from the A.R.N.A.C. short wave listeners net:

TIME(UTC):	FREQUENCY(Mhz):	MODE:	Language/comments:
02:00	11.830	AM	Arabic
02:35-02:40	11.830	AM	English
16:00-16:15	13.660	AM	Arabic
22:50	8.503	AM	utility station relay
21:00-23:00	13.660	AM	English, Irregular schedule

Iraq Clandestine Stations:

Voice of Free Iraq: 17.940 AM Arabic with jammer
 ??? 16.600 AM Arabic with jammer
 ??? 9.570 +/- AM Variable frequency with jammer
 ??? 17.960 AM Unknown source
 15.45-16:28

VE3ITA LARRY, 549 7393
 o HEATHKIT PACKAGE: \$900 neg

SB303 RECEIVER
 SB401 TRANSMITTER (both aligned by Heathkit)

MICROPHONE

SB600 SPEAKER

SB610 MONITOR SCOPE

SB620 SCANALYZER

SB630 STATION CONSOLE-patch, swr, dock

SB500 2m TRANSVERTER

MANUALS, CABLES

VE3ISZ FRED, 827 8425

o SHARP SF810 PHOTOCOPIER, NEEDS LOWER HEAT ROLLER, HAS 4 PAPER SIZE TRAYS, WITH MANUAL \$FREE

VE3RMA RON, 545 1056

o ATARI 130XE, 128k mem, 8 bit \$BEST OFFER

o ATARI 65XE, 64k mem, 8 bit \$BEST OFFER

o MANNESMANN TALLY SPIRIT 80 PRINTER \$BEST OFFER

o PYRAMID PHASE 3, 13.8V 12A POWER SUPPLY \$50

o GEL CELL 12V 9.5A-H \$15

o VUSTAR PT1000LP 2000W LO PASS FILTER \$15

VE3WSW WALT, 544 0200 after 5:00

o R.S. BLOCK TV CONVERTER, CONVERTS CABLE TO UHF, WORKS WITH REMOTE OR CONVENTIONAL TV \$35 used 1 week

VE3TMM BOB, 756 0291 BRANTFORD

o D104 MIKE \$30

o SHURE 450 H/L0 MIKE \$35

o KTO SWR28 PWR METER, 100W \$35

VE3RXB RANDY, 945 3002 GRIMSBY

o PRO2005 RADIO SHACK SCANNER, 25-1300 MHZ INCL 800MHZ, < 1 YR OLD \$475

RED CROSS HEADQUARTERS

The head office of the Hamilton Amateur Radio Club is located in the "Radio Room" on the third floor of the Red Cross Building, 400 King St East, Hamilton.

The Club maintains an HF station and has 2 meter capabilities there for use in case of emergency or practice. The room is also used for Executive Meetings and Instruction Sessions. There is an extensive library of Amateur Radio related magazines (QST and others) and books.

The resources are for the use of Club Members - members can sign out books and equipment as needed and as is practical.

For access during normal business hours, show your membership card at the front desk. For after hours access and in emergency, contact Paul VE3NYC (416) 984 4345, or Bernie VE3EKY 527 7175, or Keith VE3DKJ 529 1603, or (soon) Rich VE3ANB 547 8192.

There are people there every Saturday morning and Tuesday evening for the Basic course, every second Wednesday evening for testing and every fourth Wednesday evening for executive meetings. If you show up unexpected, call in on VE3NCF 146:76 to be let in. Enter via the rear door after hours.

MEMBERSHIP RENEWAL

This notice is directed to all 1990 members who haven't renewed yet.

Dues are due...

Since the Club year has been changed from Jan/Dec to Sep/Aug, RENEWING 1990 members will be charged \$15.00 to renew to Aug 31,91 or \$40 to renew to Aug 31/92. This takes into account the overlap period renewing members only find themselves in.

If you can't renew in person to one of the executive, or at the table set up at the meeting, please note the new club address listed above.

UPCOMING EVENTS

AMATEUR COMMUNICATIONS SUPPORT FOR FIT-TREK:

Amateur Radio has been chosen to relay the results of a friendly Fitness Competition called Fit-Trek between Hamilton, Ontario and Penza, U.S.S.R. Each physical activity is equated with so many miles on an imaginary fitness trek - the miles are tabulated after the week and the results (proudly?) announced in the newspaper.



PEEL A.R.C. FLEA MARKET

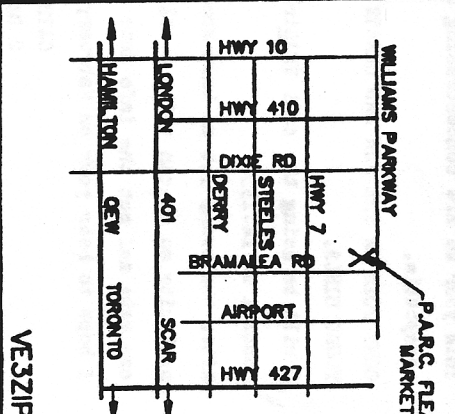
SATURDAY, 9 MARCH, 1991

OPENS TO PUBLIC 9:00AM VENDORS 7:30
ADMISSION \$4.00 / REFRESHMENTS AVAILABLE!
A PORTION OF PROFITS DONATED TO SCOUTS (MALTON)
NORTH PEEL SECONDARY SCHOOL
1305 WILLIAMS PKWY (AT BRAMALEA RD)
TALK IN VE3PRC 146.88-600KHZ

TO RESERVE A SPACE CONTACT:
P.A.R.C. FLEA MARKET COORDINATOR
JOHN LIGHTWLER VE3JSL
SUITE 2102 # 24 HANOVER RD.,
BRAMPTON, ONT. L6S5K8
TEL 791-0989

RATES

- 6' TABLE COMMERCIAL VENDOR \$12.00 EA. + ADMISSION
- 6' TABLE NON COMMERCIAL VENDOR \$6.00 EA. + ADMISSION
- ALL TABLES SUPPLIED BY P.A.R.C.
- UN-RESERVED TABLES (6') \$12.00 + ADMISSION (IF ANY AVAILABLE)



*QEW to 403
can then Rd
cut off off of 403
This is like Rd to
Williams Plaza*

THE HAMILTON AMATEUR RADIO CLUB
BOX 91215 Elton Square Postal Outlet, Hamilton Ontario Canada L8N 4G4

7.14H MEETINGS:

8:00pm on the 3rd Wednesday of each month except for July & August (Special arrangements are often made for the December meeting as well), in the Nash Auditorium, Chedoke Hospital. Non-members & friends are welcome - coffee and donuts on the house!

EXECUTIVE:

Meets at 1930 on the fourth Wednesday of the month, except June & July, in the Radio Room, Red Cross, 400 King Street East.

STATION:

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

MEMBERSHIP:

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

EDUCATION:

Informal classes are being held in the Radio Room, Red Cross Building 400 King St East to help those who want to take their Amateur Licensing tests. Call Bernie (VE3EKY) or Stan (VE3GFE) for more information. Phone numbers are on the front cover. Licence testing on the 2nd Wednesday of the month (with appointment).

REPEATER:

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

FIELD-DAY:

HARC operates a multi-station site during Field-Day. Contact coordinator Cliff Tooher for information. His number can be found on the front page.

SWAP-NET:

Every Tuesday at 8.00 pm on VE3NCF (146.76/16) except July & August. Contact Keith, VE3DKJ if you have items to buy or sell. Swap Shop listings are also available on the club's packet bulletin board station VE3DC operated by VE3JSJ on 145.590 FM.

FLEA-MARKET:

Held during September each year at the Ancaster Fair Grounds. Note that the flea market has both indoor and outdoor sales facilities. Call to reserve tables/power.

BULLETIN:

"The Hamilton Amateur", the official news bulletin of the club, is published 10 times a year and sent to all full club members (family members share a bulletin) during the first 2 weeks of the month (except July and August).

ORDER OF THE GAVEL CW OPERATING AWARD

A. Purpose

To promote the use of CW and to stimulate an interest among the newer Hams to operate in the HF bands.

B. Rules

1. The event is open to all members of the HARC
2. The award may only be won once.
3. The contest will be an annual event.
4. Only the previous 12 months will be considered, from January 1st through December 31st. In the case of a Ham of less than 12 months, the score will be prorated by dividing 365 by the number of days licensed, times the score of points attained.
5. The following point system will be used to decide the winner:
200 watts or more input - 1 point per QSO.
Under 200 watts input - 2 points per QSO.
Under 10 watts input - 5 points per QSO.
6. The total points from above will be adjusted by a DX multiplier of 1, 2, or 5 points per DX country in relation to the power levels listed above. DX will be the current A.R.R.L. DX country list, there will be no DX multiplier for U.S.A.
7. A valid QSO will be QTH, RST and name.
8. The point score thus established will be adjusted according to the following:
A Ham licensed for 3 years or more will subtract 25% from his score.
A Ham licensed for under 3 years (but more than 2) will subtract 15% from his score.
A Ham licensed for 2 years will subtract 10% from his score.
A Ham licensed for 1 year or less will use total score he (she) attains.