

THE HAMILTON AMATEUR

Entry Form For

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



Please submit this form not later than the Feb 1990 membership meeting. The trophy will be awarded at the March 1990 meeting. The judges may want to see your logs before making their final decision.

Include QSO'S from Jan. 1, 1989 to Dec. 31, 1989 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

January 1990

(Established 1932)

Happy New Year!

Tentative: DX!

If Don (VE3OCY) has his way, the topic will be DX.

If he doesn't, surprise!

HARC EXECUTIVE FOR 1990:

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

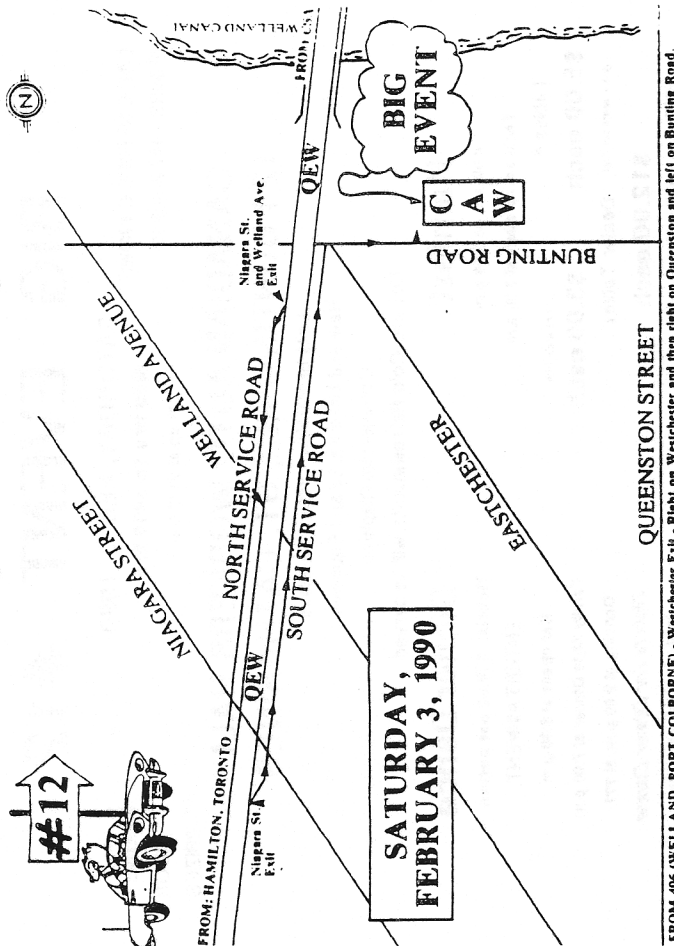
Michael Spenuk 389-1760
 Dave Rypma 689-3014
 Don Graziano 560-1960
 Jim Walsh 689-6839
 Keith Johnson 664-5247
 Paul Hazen 560-6329
 Flore Manga

HARC COMMITTEE CHAIRPERSONS FOR 1990:

AWARDS & CONTESTS: VE3AAH
 HISTORIAN: VE3BLG
 PROPERTY: VE3ARX
 BULLETIN EDITOR: VE3SON
 EDUCATION: VE3FHQ
 EMERGENCY COORD: VE3NYC
 FIELD DAY COORDINATOR: To be Announced!
 FLEA MARKET: VE3NYC
 HEALTH & WELFARE: VE3GFE
 PROGRAMS: VE3OCY
 PUBLIC LIASION: VE3GCP
 HOSPITALITY COORD: SWL
 CHRISTMAS DINNER PLAN: VE3OQG
 SWAP NET CONTROL: VE3DKJ
 REPEATER: VE3JTC
 TECHNICAL: VE3OCY
 VE3DC LICENCEE: VE3FHQ
 VE3NCF LICENCEE: VE3DSP
 VE3RCB LICENCEE: VE3FDK
 CODE TESTING: VE3CB & VE3BFF

Gordon Barber 383-9161
 George Olenick 383-7338
 Bill McCaslin 634-5190
 Jim Walsh 689-6839
 Glen Gibson 385-2786
 Paul Hazen 664-5247
 Stan Bolbruch 664-5247
 Don Graziano 528-4002
 Fred Robinson 560-1960
 Gerald Crawshaw 575-5197
 Flori Manga 385-2789
 Keith Johnson 560-6329
 Michael Spenuk 389-1760
 Don Graziano 560-1960
 Glen Gibson 385-2786
 Glenn Simpson 385-8478
 John Kassay 385-0422
 Bob Wilson 383-2054
 Norm Smith 385-5661
 Jim Flintoff

DIRECTIONS



From Toronto, Hamilton
Exit right off the QEW at Niagara Street, staying in the left lane under Niagara Street. Then you will move to the center lane till you pass Welland Avenue. Then you will move to the right lane till you come to Bunting Road. You will then turn right on Bunting and go for about one city block. You will see the C.A.W. Hall on your left. **LOTS OF PARKING**

From Fort Erie, Buffalo, USA
Exit right off the QEW after coming across the Skyway over the canal at Niagara Street cut off. After exiting the QEW, stay in the left lane till Welland Avenue. Then, make a left under the QEW, stay in the left lane and make a left again onto the South Service Road. (So you're going from the North Service Road to the South Service Road). Carry on till you come to Bunting Road. Turn right and keep going for about one city block. You will see the C.A.W. Hall on your left. **LOTS OF PARKING.**

MONITOR — VE3VM
VE3NRS - 147.240/840

PRESIDENT'S MESSAGE JANUARY 1990

Happy New Year everyone! This year is going to be quite exciting for the HARC. We will be pursuing many new ventures and greatly improving some existing programs. I hope that all of you as members will become actively involved with the many projects that will be running this year.

A major change at the monthly general membership meetings will be no business discussions (unless absolutely necessary). Meetings will commence at 8 pm, as usual, with a program that will provide a view into various aspects of the communications world: both amateur radio and commercial services. These presentations will last about one hour. That will be the end of the meeting! Except that coffee and donuts will be available and time will be available for one-on-one and group discussions or whatever you want until 10 pm when the doors will be closed.

We will also be working on new software and hardware for the Club's packet radio bulletin board system which is currently run by Gordon VE3JSJ on 145.050 MHz. Once completed this system will serve as the daily information exchange between Club members and others, and will also form the basis for numerous conferences on various topics. For example, HF DXing, contesting, propagation, satellites, antennas, etc. within amateur radio, and any other topic that you might have an interest in, like shortwave listening, photography or even astronomy. And speaking about astronomy, the TFM link is activated during the ASTRO Net which deals with astronomy and astrophysics. It is quite interesting to listen to.

Those that are not currently involved with packet radio should consider it a key area to become involved in. I don't mean as a systems developer, but merely as a user. If you have a computer, all you need is a TNC (Terminal Node Controller). They can be obtained for less than \$150. A wealth of information passes through the networks daily. And work is progressing towards implementing even better information networks.

I'd like offer an apology to any Club member who missed the Christmas Dinner last month. Things were done on short notice and there was only a limited number of seats available. But this shouldn't occur again as we are going to have an annual Club dinner which will take place every December. More information on this event will be given later.

Gerald Crawshaw will be filling the newly created position of Hospitality Coordinator. In this position, Gerry will be available at each meeting to provide orientation for visitors and any one else who might have a question but not know whom to ask. In addition, Gerry will ensure that the coffee is hot and the donuts are fresh at each meeting. When Gerry greets you at the door be sure to thank him for VOLUNTEERING for this position, and don't forget to ask him if you can give him some help.

In addition to thanking Gerry for volunteering, I would like to take this opportunity to thank everyone that is active within the Club for volunteering their time. Those of you that aren't active, how about volunteering to do something? Or if you are just a leader, how about telling us your idea?

Mike, VE3JTG

FROM THE BULLETIN BOARDS - 2

CARF BULLETIN 20-89

1. DOC/CARF SYMPOSIUM, 21 OCTOBER 1989

RESTRUCTURING: A DIGEST - full details will appear in THE CANADIAN AMATEUR magazine.

The new certificate as proposed will be a single certificate with four levels of qualification.

In CW there will be two skill levels, 5 wpm and 12 wpm. There is no requirement to write the 5 wpm test first. You could write the 12 wpm at your first sitting of the exam if you wish. The two technical levels are Basic and Advanced. BASIC (formerly called the "A" level) includes: Regulations, Basic Electronics Theory, Interference avoidance. The intent is that the level of skills required will be obtained in a 40 classroom-hour course.

The Basic level allows operation above 30 MHz at a maximum input power of 250 watts. All transmitting equipment must be commercially constructed, however other station equipment may be home-built. There are no restrictions on this class of certificate above 30 MHz. A holder of this class of licence may not sponsor a repeater.

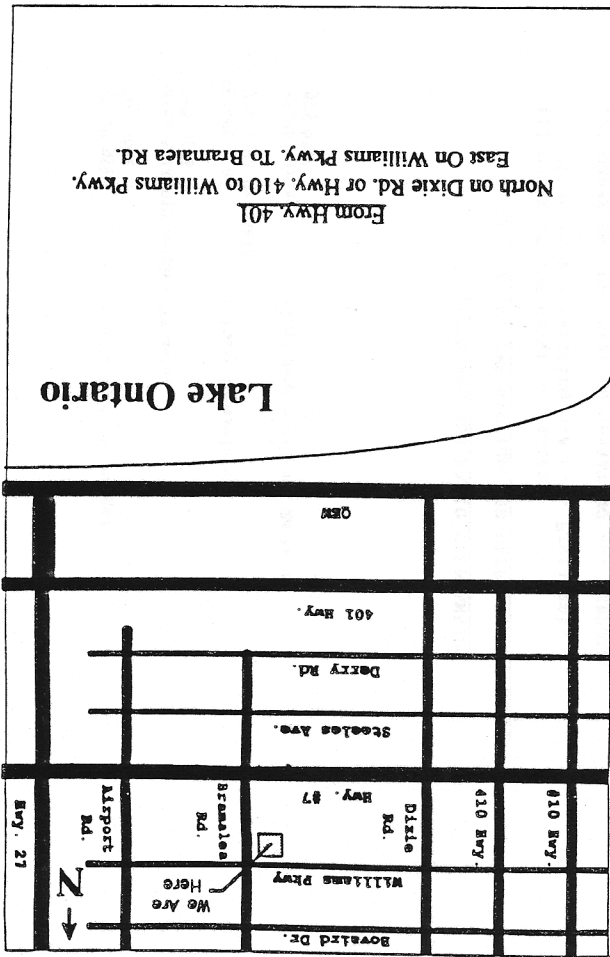
With the addition of 5 wpm CW, a holder of the Basic qualification may operate on 160 and 80 metres on all modes. With the addition of 12 wpm CW, the Basic qualification allows operation on all bands in all modes.

The Advanced qualification (formerly the "D" level) allows in addition, transmitter construction, full kilowatt power levels, and sponsorship of repeaters. Topics on the exam are a more in-depth electronic knowledge, including theory, circuit analysis and construction techniques.

Amateurs will continue to be able to give the CW exam. In addition club presidents will be authorized to supervise the examinations.

Grandfathering of existing Amateurs will be as follows:

- existing Advanced Amateurs will retain all privileges
- existing Amateurs will be granted all privileges
- existing Digital Amateurs will have 30 MHz and up, as at present, plus the equivalent of the Advanced licence for transmitter construction, repeater sponsorship, etc.
- existing CW credits may be maintained to apply against the 5 wpm qualification
- there will be no carry-forward credits for existing theory or regulations exams since there is no directly comparable exam in the new system



Lake Ontario

From Hwy. 401
North on Dixie Rd. or Hwy. 410 to Williams Pkwy.
East On Williams Pkwy. To Bramalea Rd.

THE PEEL AMATEUR RADIO CLUB INC.

FLEA MARKET

RADIO - COMPUTER - ELECTRONIC EQUIPMENT

SATURDAY MARCH 3rd, 1990

TIMES:
VENDORS SETUP 7:30 A.M.-9:00 A.M.
GENERAL ADMISSION 9:00 A.M. ONWARD

NORTH PEEL SECONDARY SCHOOL
1305 WILLIAMS PKWY.
BRAMALEA, ONTARIO

ADMISSION: \$3.00

No Weather Problem - All Space Inside
Coffee, Soft Drinks, Sandwiches, Etc. Will Be Available

VENDORS: FLEA MARKET VENDORS \$5.00/6' TABLE + ADMISSION
COMMERCIAL VENDORS \$10.00/6' TABLE + ADMISSION

All tables supplied by P.A.R.C.

ORDER SPACE EARLY FROM:

P.A.R.C. FLEA MARKET
20 Hillbank Trail
Bramalea, Ontario
L6S 1P6
James L. McMurray VE3BDI - - - (416) 458-0505

TALK IN VE3PRC 146.880-600 kHz

FROM THE BULLETIN BOARDS - 4

2. THIRD PARTY TRAFFIC UNDER SCRUTINY IN THE STATES AND CANADA

The W5YI REPORT tells about the hectic situations on 20 metres due to the extensive handling of what is said to be business related third party traffic, including phone patches, by many Amateurs. The flip side is that many Amateurs are also objecting to this activity on air. As well, several countries have objected in writing to the FCC. According to the REPORT, the FCC is now looking into this activity with a view possibly to restricting or forbidding third party traffic.

DOC has not received any comments or complaints regarding these activities, but in connection with the Restructuring they are reviewing the regulation of third party traffic. The main interest is to be certain that the Canadian regulations conform with ITU requirements. This should not result in any significant change, but to be certain, we will have to wait for the new regulations.

3. MUNICIPALITIES ARE BECOMING INCREASINGLY CONCERNED ABOUT TOWERS

Concern among municipalities about towers is on the rise and, while Amateurs are not the cause, Amateurs are again urged to ensure that their tower proposals are cleared with their neighbours and afterwards with their municipality. While municipalities may not impose restrictions that frustrate the performance of their radio station, Amateurs can do a lot by prior coordination with their neighbours to prevent problems in their municipality.

Since neighbours seem to be worried about interference, before you tackle this sort of task be sure to get a copy of CARF's guidelines on how to deal with neighbours when interference is claimed or reported. (Reference: SUCCESSFUL ELECTROMAGNETIC COMPATIBILITY, GUIDELINES FOR THE RADIO AMATEUR, by Bill Wilson VE3NR, ppd \$2.00 from CARF Kingston office).

4. The Land, Fixed and Mobile sub-committee of the Radio Advisory Board of Canada (RABC) met in Montreal on 27 November 1989. Paul Cooper VE3JLP represented CARF.

To alleviate pressure on the radio spectrum by mobile users in the Toronto area, permission is to be sought to use TV Channel 14, assigned to Barrie but not currently in use, as a mobile radio band. (Ed note. A similar proposal was made by CARF to DOC in 1988 as a potential solution to the wind-profiler radar allocation but was turned down).

DOC is in the final stages of planning for 12.5 KHz channel spacing in the 400 and 900 land mobile bands.

The upcoming technology for cellular phone systems is certainly digital and there are now no fewer than 4 dissimilar systems in use in Europe. The question facing DOC and the FCC is which, if any, of these systems will be proposed for use in North America.

- VE3JIS Mike
560 3692
- VE3ANG Sid
389 2861
- VE3VAG Jack
522 0805
- VE3LWV Mike
416 772 3292 Canfield
- VE3QD George
561 1083
- VE3JYC Paul
664 5247
- VE3JOK Bill
545 3579
- VE3RRR Dave
689 3288
- WANTS:
KB2EQ Andy
716 672 5020 (evenings)
- VE3JCY Don
560 1960
- Jerry
544 7770
- VE3ANB Rich
547 8192
- VE3GTE John
753 1137 Brantford
- VE3JIS Jack
648 6443
- VE3AQG Sid
489 2861
- Ranger AR3500 10m mobile transceiver, all mode,
25 watts \$375
- 5" green CRT (#562535) never used \$6
- two 61463, one 12BY7A = 12BY7 tubes \$50
- Icom IC3200A 2m/70cm mobile, touch tones on mike \$600
- Radio Shack Pro 2020 scanner \$175
- FV401 VFO \$85 VFO, patch, and
- FE401 phone patch \$125 filter to fit Yaesu 400 or 401
- 500 Hz Xtal filter \$25 series radios
- Mirage B23 2m linear amp 2 in, 30 out \$negotiable
- Power/SWR meter \$negotiable
- Amcomm S225 2m mobile 0-25% + \$Difference TRADE FUR
2m mobile with easy-to-read display
- Diablo 1620 Daisy wheel printer, with 8 wheels,
keyboard can be used "locally" tractor feed, with 4 printer
ribbons \$SALE or TRADE for ham gear
- 20 Amp power supply
- general coverage receiver with A.M. for SWL'er
max \$200
- old portable transistor radios, working or not
for collector
- external VFO for Kenwood TS520
- Integrated circuit LM1595 or MC1595
- Icom 751
- 600 feet light gauge plastic covered copper wire similar to
Xmas light wire

FROM THE BULLETIN BOARDS - 5

5. Please make a note of the NEW address of the CRRL VE1OSL Bureau: P.O. Box 141, PETTICODIAC, N.B. EOA 2H0

A magician whose big act was "Sawing a Woman in Half" has retired because, he said, his female partner had quit the act and was now living in Kingston and Moose Jaw.

Notes From the Executive Committee:

1. This year, the last bulletin will be sent in February 1990 to members of the HARC who have not yet renewed their membership by the time the March bulletin is sent out. To avoid missing an issue of the Hamilton Amateur, make sure you mail in your 1990 membership dues or pay the Membership Committee at the January or February meeting.

2. As you will note elsewhere in the bulletin, May is *Home Brew Month*. To spice up the event, Don VE3OCY has offered a digital multimeter as a prize for the winner! Start polishing your entry now!

3. The club has a small quantity of HARC Crests left; they are available from the Membership or Hospitality Chairperson at a cost of \$9.00 a pair for one large and one small crest (takes care of both the hat and the sleeve!).

VE3HTC

Mirko, YU7WW sends his wishes for a Happy New Year to all and a special thank you to those who invited him for a visit to see your equipment.

Congratulations to Gordon, VE3JSI and Linda in providing a new recruit for the club, Kevin Edward, born Dec. 25.

We received from VE3CNE cards filled in by visitors interested in Amateur Radio. They are receiving the Bulletin and have been invited to the meetings. Lets give them a warm welcome.

NEW MEMBERS

Welcome to Mirko Sevia, YU7WW and to Brian Provost, VE3IBP. Brian is a new amateur. Congratulations on passing the exams.

The Swap Shop

to list items: tune in 146,760 VE3JRC
every Tuesday at 8:00 pm
or contact VE3BTH Ralph 388 6146
or VE3DKJ Keith autodial 19



SALE & TRADES:

VE3WTD Geraldino
662 4526

-DKK digital IC colour generator \$385 OTHER

VE3BTH Ralph
388 6146

-Kenwood PC1A phone patch, with manual \$125
-GM7 HCAR receiver \$60 firm

VE3OCY Bob
949 6125

-Yostar 300 with meter \$90
-TI99 4A with voice synthesizer \$90
-callbooks 1985 R.A., 1985 Forelgn \$5 each
-Comodore 64, with Kantronics CW & RTTY cartridge, PFI 1229 deluxe interface, tape drive \$350

VE3CIB Bob
383 2094

VE3NAP Bob
941 5710 Orangeville
or 236 1623 Toronto

-Icom IOM71A all mode transceiver 430-490 Hz, 1W to 25W variable, built in p.s., mike, cables, manual \$920
-Itrage Delta 1010 amp 430-450 MHz, manual \$495
-Yaesu FT727R 2m/70cm handle, FMB4 and 79A5A battery packs, PA3 car adaptor, C64 scan program, manual \$500
-Radio Shack Pro 2021 200 channel scanner, manual \$300
-TI99 computer, tape drive, speech synthesizer, programs, cables, manuals \$200

KB2EQG Andy
716 622 5020 (evenings)

-Kenwood R2000 digital solid state all mode receiver, covers 150 KHz to 30 MHz, memory/band scan, dual 24 hr clock, excellent condition \$490 Canadian

VE3PKR Earl
426 5424 Simcoe

-Kenwood TS820 transceiver 10m to 160m \$575
-VIC20 with Morse program, with colour T.V. \$150
-TI93 triband antenna with BU86 balun \$175

VE3IUD Jack
627 0816

-Dentron pwr meter + SWR bridge up to 200W \$100
-Palomar wattmeter + SWR bridge \$100 used 3 weeks

VE3JRH Konrad
660 1031

-portable cassette recorder \$25

FROM THE BULLETIN BOARDS - 3

HOWEVER if the person has BOTH theory and regulations and has not obtained a licence under the current rules because he does not have a code credit, this person would immediately receive a Certificate with Basic Qualification.

Effective date of the restructured Amateur service will be 1 September 1990. Anyone who writes an exam before that date will write the present one, after that date it will be the new ones.

There will be no call sign identification of the various Amateur classes of licence.

AMATEUR EXAMS: The current Amateur control of CW exams has gone well and the results are satisfactory to DOC. The DOC feels that they should maintain, at least at this time, the database of possible exam questions. There are ways to have new questions inserted in the database and it would be appropriate if active instructors were to suggest new questions so the bank could be renewed continually.

For the restructured Amateur certificate the two national organizations reviewed and selected the questions, except for regulations. DOC wished to keep responsibility for regulations questions within the department.

A document will be issued soon by DOC defining club participation in conducting examinations. This will be a revised RIC-1.

DOC is very supportive of clubs and the president of a club will be responsible for supervision of examinations. He may delegate the tasks but will be responsible for the activity. In areas where there is no club, DOC will consider authorizing an Amateur with Advanced qualifications to conduct exams.

It was suggested that clubs take advantage of the option of inviting DOC speakers to their meetings to keep abreast of changes.

CO-EXISTING ON SHARED BANDS: These bands include all bands from 70cm (430 MHz) to 22 GHz. Amateur Radio is secondary in all of these bands to various other services. The DOC is willing to co-ordinate with Amateurs to the extent possible. However, the DOC is the primary regulatory body and will make the final decision.

On the question of the current status of 220 MHz. With changes in its use in the U.S.A. it was inevitable that the same reallocation would take place in Canada. In the U.S.A. the 220 MHz band was not assigned exclusively Amateur as it is in Canada.

The 2 metre band is not expected to change in the near future since it has a very high Amateur occupancy. DOC emphasized that if a band is heavily in use it stands less chance of being reallocated.

VE3JTS Mike	-Yaesu NC15 desk charger
560 3682	
contact VE3BVM Ralph	-SWR meter
388 6146	
VE3JLM Mike	-Palomar tuner-tuner
416 772 3292 Canfield	
VE3JMH Herie	-Ringo Ranger or good 2m beam
575 4396	

HAMILTON AMATEUR RADIO CLUB AWARDS

NAME, BRIEF DESCRIPTION AND DATE OF EACH AWARD.

- (1) ORDER OF THE GAVEL --- JANUARY
Given to the retiring H.A.R.C. President.
- (2) ORDER OF THE GAVEL CW OPERATING --- FEBRUARY
Given to the club member who has made the most CW contacts during the previous calendar year. Certain requirements and credits are involved.
- (3) ORDER OF MERIT --- MARCH
Given to a member or past member of H.A.R.C. Receiver must have performed more than is required of an officer or member. Results must provide greater interest and enjoyment to the club.
- (4) GRAMFORD TROPHY --- MAY
To encourage club members to build their own equipment. Project must be usable in Amateur Radio Operating and built in the previous calendar year.
- (5) ART FERGUSON TROPHY --- OCTOBER
Awarded H.A.R.C. members for meritorious service to the Public through Amateur Radio.

Above is a brief description of H.A.R.C. awards. Application and proposal forms are available from the Awards & Contests Officer.

G.J.B.

BULLETIN 37 CRRL, LONDON 1989 DECEMBER 17

- 1 Best wishes to John Henderson, VE3HFT, new manager of the CRRL Outgoing QSL Bureau. John reports that he and his elves (on loan from Santa) have been very busy at CRRL Headquarters, the new location of the bureau, installing "cubby holes" to facilitate sorting the thousands of cards that will pass through this bureau next year. If you use the CRRL Outgoing QSL Bureau, be sure to use the new address, Box 56, Arva, Ontario NOM 1C0.
- 2 US amateurs recently received a welcome Christmas gift. On November 22, after weeks of negotiations, the US Congress forwarded the Omnibus Reconciliation Act to President Bush for his signature. The act contained no schedule of fees for Amateur Radio licences. Earlier, Amateur Radio licence fees had been proposed: \$30 by the US House and \$35 by the US Senate. Those fees would have been charged every time an application form went to FCC even for a change of address. Eventually, after much lobbying by ARRL, the committee asked to resolve the \$5 difference between the House and Senate proposals acknowledged that any fee would be inappropriate as radio amateurs do not operate their stations for profit.
- 3 Manned amateur operation in earth orbit will resume in 1990 with two missions now approved by NASA. The first is scheduled to begin on April 26 when astronaut Ron Parise, WA4SIR, takes 2-metre FM and packet into space as part of the STS-35 mission. If things go as expected, Ron's operation will coincide with the 1990 Dayton Hamvention. The second operation is scheduled for around June 28 when pilot Ken Cameron, KB5AWP, will take an updated version of the Shuttle Amateur Radio Experiment (SAREX) originally flown by Tony England, W00RE, on the STS-37 mission. If space and weight permit, amateur UHF FSTV may also fly with this mission. In other space news, launch of the four Microsats, originally scheduled for November, is now expected to take place on January 9, at least ten days sooner than expected.
- 4 This is the last CRRL Bulletin for 1989. Regular CRRL bulletin service will resume in January. To all who read these bulletins and to all who listen in, best wishes for a happy holiday season. May 1990 be your best year ever.

Harry Maclean, VE3GRO, Editor

COMING EVENTS:

ARRL RTTY Roundup	January 6-7
ARRL VHF Contest	January 20-22
CQ WW 160-Metre Contest - CW	January 26-28
Classic Radio Exchange	January 28-29
St Catharines (ON) Big Event	February 3

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

VE3VM

NAGARA PENINSULA
AMATEUR RADIO CLUB INC.
ANNOUNCES

VE3MRS

BIG EVENT #12

SATURDAY, FEB. 3, 1990

TALK IN DIRECTIONS
VE3NRS - 147.240/840

0800 hrs to 1400 hrs
Set-up at 0630 hrs

HOURLY
DOOR
PRIZES

CANADIAN AUTO WORKERS HALL
124 BUNTING RD., ST. CATHARINES

Lots of Parking - Indoor Displays
New and Used Parts and Equipment
Commercial Displays

Hot and Cold Refreshments will be served

Hamfest

8:00 a.m. to 2:00 p.m.

Table set up starts at 6:30 a.m.

Tables • Entrance Fee
\$5.00 each **\$3.00 each**

(Kids members 1/2) Dealer Tables

\$12.00 each

Children under 12 free with adult

Advance registration on tables required by
JAN. 27th, 1990 (cut off date)

Payable by cheque or money order

to N.P.A.R.C. Inc.

Tables not set up by 8:00 a.m. will be resold!

DON'T DELAY RESERVE NOW

Fast Come - Fast Service

N.P.A.R.C.

c/o George Spencer VE3OZW

R.R. #1, Jordan, Ont. Canada L0R 1S0

TELEPHONE: (416) 582-4891

Dinner Dance

Tickets: \$20.00 per person •

ENTERTAINMENT

Bar opens at 6:30 p.m.
Family Style Dinner at 7:00 p.m.
Dancing at 8:00 p.m. @ 777

Tickets for Dinner Dance include a chance for

Grand Prize Draw

JAN. 27th, 1990 (cut off date)

Two Grand Prize Draws

YAESU FT411 & FT811 HTS

FM Transceivers supplied by

RESONANT TECHNOLOGY INC.

(Roy VE3XUK)

Draw will take place at Dinner Dance

Tickets for draw will be available at

Hamfest and Dinner Dance Only

All proceeds from Hamfest for N.P.A.R.C. club projects

• Reserve early. Don't be disappointed!

LAST DATE FOR TABLES AND DINNER

JANUARY 27, 1990

THE HAMILTON AMATEUR RADIO CLUB

BOX 253 Hamilton Ontario Canada L8N 3C8.

CLUB MEETINGS:

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

EXECUTIVE:

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

STATION:

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

MEMBERSHIP:

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

EDUCATION:

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

REPEATER:

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

FIELD-DAY:

HARC operates a multi-station site during Field-Day. Contact for information will be announced as soon as the chairman is appointed.

SWAP-NET:

Every Tuesday at 8:00 pm on VE3NCF (146.76/16) except during July & August. Contact Keith, VE3DKJ if you have items to buy or sell.

FLEA-MARKET:

Held during October each year (Thanksgiving Day Weekend). Watch for a change!!

BULLETIN:

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

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.