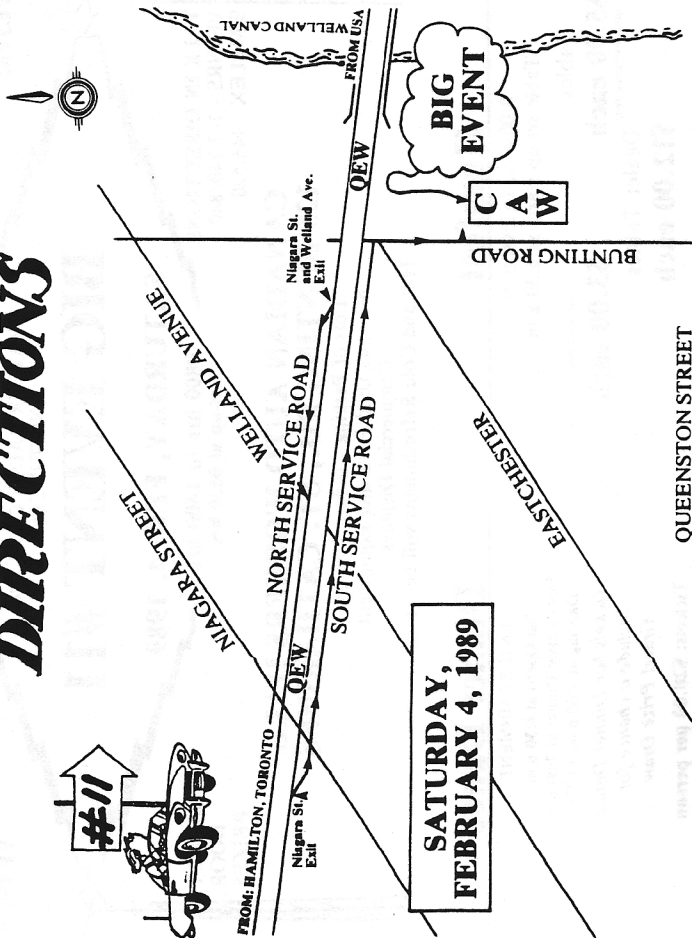


DIRECTIONS



FROM #11 (WELLAND, PORT COLBORNE) - Westchester Exit - Right on Westchester and then right on Queenston and left on Bunting Road.

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
SIMPLEX — 146.520

HAMILTON AMATEUR RADIO CLUB

December 1988

BOX 253, Hamilton, Ontario, Canada L8N 3C8.



Christmas Party: December 8 th.

Details & Map inside.



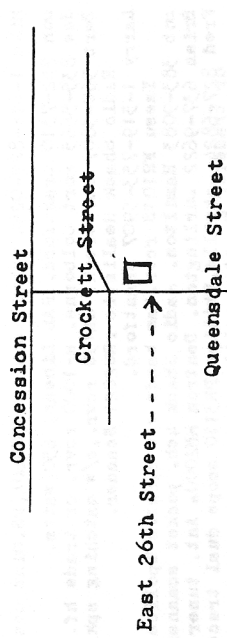
MESSAGE FROM OUR OUTGOING PRESIDENT

I wish to convey my thanks to the Members and the Executive of the Hamilton Amateur Radio Club, for the tremendous amount of support that I have received throughout 1988. The success of the many endeavours of the club proved that the membership has the capability and enthusiasm to carry on through the most difficult of projects. I wish to thank all of the Membership and Executive for the privilege of serving as president for 1988.

73 EV

Christmas Party

Captain Bill James, a comic magician will be the star performer for the Club Christmas Party. Along with other entertainment and refreshments, the committee promises a good time for kids of all ages. This includes members, their spouses, children, grandchildren etc. Come to the Eastmount Community Center, East 26th Street at 7.30 pm on December 8.



Being Bulletin Editor has its rewards but also has its problems. A major problem has been getting a round tuit. Recently one of our daughters in law found one for us. It has been quite helpful so I decided to share the wealth and reproduce it for the members. I might even get some items for the Bulletin. Technical articles would be very welcome.



VE3SON

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2 & 6 meter beams, superior quality, built by hams for hams.
3 element 2 meter beam \$25.00
5 element 6 meter beam with 300 ohm feed \$55.00
10 element 2 meter beam \$65.00 with 75 ohm feed \$69.00
300 ohm feed
Gamma match extra

Towers, crank up, self supporting, middle section 16 Gauge.
10 foot section, 2 1/4 inch step \$40.00
Top section CDR plate welded, thrust bearing plate welded \$69.00
Ask us about our top quality FM and TV antennas at factory prices.
Call Ray, Jim VE3PEU or Martin VE3HYL at 416-628-0822.



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Call Gerry at VE3MLI,
622-5156 or 528-7888

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Hamilton, Ontario L8K 5W4

Although this is the season to be jolly, we still extend our sympathy to Ev, VE3QX in the passing of his wife.

ORDER OF THE GAVEL CW OPERATING AWARD

speaking net (using all of his 18 words of Spanish) on 14140 and got Ricardo, XE2KB, Laredo to call Monterrey on their repeater. Ricky got into immediate phone contact with the woman; her uncle heard her voice and completely broke up with relief. He telephoned her parents in UK and later asked me to thank the hams. They should all end like that. So much for "ugly ham towers".

We established links with US stations on several frequencies in the US band and handled traffic there as well. The FCC assigned some frequencies exclusively for Jamaica relief. All done very businesslike and efficiently.

Surprisingly, only the few hams listed above, plus several others I did not log, carried the load. Because of this we instituted a frequency rotation which enabled one or two hams to cover all frequencies on an agreed schedule, rather than needing six hams for six frequencies most of whom would have no traffic.

Things learned, not much of it too new:

- * You must have a phone patch. You just have to.
- * Never let a broadcaster on "live". Tape him so you can edit for gross errors. You're in the driver's seat; you tell him, he doesn't tell you.
- * We need some thought and ingenuity given to a cross-band patcher that includes the usual phone patch, makes the circuit electrically, not via audio, monitors levels, all that good stuff.
- * Stay on one frequency until and unless dispatched elsewhere and LISTEN, LISTEN, LISTEN.
- * Use Universal Standard Time (GMT or Zulu time) when arranging skeds.
- * Know and use the shortcuts like the ARL Standard Messages. Don't be bullied out of using the old CW abbreviations. You can say "QSL" in one second; "Message received and understood fully" takes three. But use the right ones: "QRZ" does not mean "Is this frequency in use?", it means, "Who is calling me?" "CQ VE3DPC" means "Calling any station VE3DPC", if you can figure that out. Avoid CB. "Ten-four" - ugh.
- * Expand your log - don't limit it to stations worked - note as much as you can of what happened - times, names, calls, phone numbers. You'll find you have to refer to it constantly.
- * Collect some kind of list like the OPP support Group roster. Most of the people you need on short notice will be on it.

There's oodles more but no more room. 73, VE3DPC.

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 licenced, 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 licenced for 3 years or more will subtract 25% from his score.
 - A Ham licenced for under 3 years (but more than 2) will subtract 15% from his score.
 - A Ham licenced for 2 years will subtract 10% from his score.
 - A Ham licenced for 1 year or less will use total score he (she) attains.

THE HAMILTON AMATEUR

Entry Form For

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



"CALLING ALL BRASS POUNDERS"

Please submit this form not later than the Feb. 1988 membership meeting. The trophy will be awarded at the Mar. 1988 meeting. The judges may want to see your logs before making their final decision.

Include QSO'S from Jan. 1, 1988 to Dec. 31, 1988 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 = _____ pts.
 no. of days lic.

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.

JAMAICA, HARC/BARC HAMS, AND HURRICANE GILBERT, 1988

Gordon, VE3JSJ, has asked me to record the part played by local hams in the Jamaica emergency. I'll do my best but will omit a lot of interesting things and people simply because I don't have complete records. Please excuse.

We were handling traffic informally within 24 hours of the emergency, and by Sept. 14 were very formally organized to ensure continuous coverage of 14130 kHz, which was initially the main Canadian frequency.

The stations covering this initial period include: Bob, OIP; Vic, HPD; Gordon, JSJ; Hugh, AVR; Ted, HPL; Jack, 170; Mike, MWR; Jim, PH; Ralph, BYM; Paul, NYC; Ferg, LVO; and Frank, DPC.

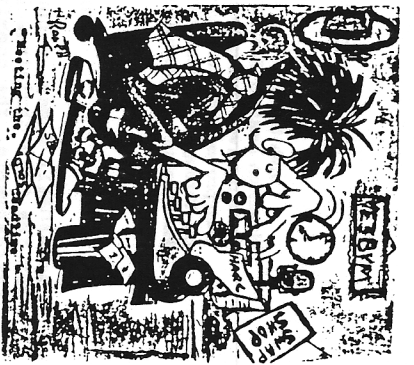
We handled a lot of the initial traffic from Mandeville, the first station on. By the 18th it became apparent that Gordon, VE3HSR, Toronto, was taking the lead and leadership was cheerfully relinquished to him. At that time, Gordon, JSJ, and Jim, FBU were organizing to go to Jamaica with stacks of their own and borrowed gear; many helped in many ways. We set up several 20 meter skeds.

Others by then were pitching in, most of them within range of, and co-ordinated through, VE3TWR repeater. However others helped, e.g. Ron, AUM, Ottawa; Joe, BXM, Guelph; Len, LST, London. Communications with FBU-JSJ/SYS started promptly and gave little difficulty on 20, 15, and 10 as appropriate. We handled a lot of traffic, official, press, and unofficial. Highlights:

- * To CKOC's news reporter who filed a live dispatch through DPC, the amateur service, as "CB". Ah, well.
- * Mandeville needed to know the status of the Kingston airport but couldn't communicate the 60 miles to Kingston, asked us to find out. We did, and advised Mandeville that one Kingston runway was open for day VFR and that the only communication with incoming aircraft was on ham frequencies. These served for over a day. The information travelled about 3000 miles to get 60.
- * HSF arranged some very ingenious cross band patches that showed what could be done. OIP and DPC are trying as a result to design a "patch anything to anything" box. Not simple, but fun.
- * We did collect calls all over the continent, relaying ARL Standard Message #1 (All OK here, don't worry). All calls were cheerfully accepted, many with tears of relief.
- * As usual, amateurs were responsible for some peculiar routings. An Englishwoman lives in Monterrey, Mexico near where 90 people were drowned in Gilbert's floods. Her frantic parents in UK could not reach her, phoned her uncle in Burlington. He called DPC, who within a few minutes checked into a Spanish

The Swap Shop

by Ralph VE3BYM



- VE3OQG Florie 560-6329 Hamilton.
Icom IC02AT 2meter fm handheld c/w ac charger, dc to dc charger, leather case, factory modified for extra freq. \$550.
- VE3YBZ Jack 634-0959 Burlington. Yaesu 7500 2 mtr. xcvr c/w man 125.
- VE3YFG Rudy 1-416-662-6163 St. Ureek. IC2VAT c/w manual. 275.
FTY26R 2 meter all mode tri bander c/w manual. 1150.
- VE3NEF Mike 1-416-8229-0264 Oakville. P104, SP604, PS, Mint condx. 450.
- VE3UDQ Don 752-7310 Brantford. PAL linear, 650 watts. 400.
- VE3ABH Joe 835-5665 Fort Colborne. K-1000 rcvr. or trade hf. 450.
- VE3SWL Bert 560-3807 St. Ureek. MX190 rcvr., c/w matching spkr. neg.
Radio Shack Realistic PR02021 Scanner. neg.
- WL Larry 1-519-753-5907 Brantford.
Yaesu FR101S rcvr. Ham bands c/w 6, 2mtrs & police. 275.
- VE3ANW Bob 383-9083 Hamilton. radio shack 4ch. pocket scanner. 40.
- VE3DUO Brian 637-9622 Burlington. Denton HME00X Ant. tuner. 175.
- VE3ISSZ Fred 827-6884 Oakville. Philips PM3110 scope dual trace 200.
2 meter mobile rig.
- VE3YQM Bob 389-0631 Hamilton. The buy of the month includes hardware
vehl. and guyed tower. 5 sections of 8' c/w top/btm. 125.
- VE3IGL Terry 648-3116 Ancaster. AMAS SPECIAL.
50 feet HD tower hinged base and rotator & mast. 150.

* W A N T S *

- VE3FUI Kirk 389-8246 Hamilton. Ham 4 rotor in wrking condx.
SWL Jerry 544-7770 Hamilton. 1 V rotor.
- VE3NCK Bill 545-3579 Hamilton. Hustler resonators for 80 & 40.
- VE3OZT Bill 1-416-682-4844 St. Catharines. Pentec 214 Mike/234 sp. amp.
- VE3OOC Russ 648-1652 Ancaster. Low wattage transmatch.
- VE3NXP Allan 745-2447 Kitchener. Handheld scanner to cover 108-136mhz.
- VE3NXC Paul 664-5247 Hamilton. 7W7, 7G5 tubes.
- VE3JVA Steb 637-6266 Burlington. amu/Compute Jazette magazine/ve Vic20
MCom. 64.
- VE3MHR Ron 1-416-277-1367 Oakville. Icom 220mhz. handheld.



Seasons Greetings
de VE3BYM Ralph.



MEMBERSHIP RENEWAL - 1989.

Please complete this form and send it, with a check made out to the Hamilton Amateur Radio Club for \$25.00, to

VE3JSJ: Membership Chairperson
Hamilton Amateur Radio Club
136 Wendover Drive
Hamilton, ONTARIO
L9C 5X5.

Or, give the completed form and payment to any member of the Club Executive at a Club Meeting.

Your Membership Card will be your receipt, and will be mailed with the next issue of the Bulletin, or given to you in person at a Club Meeting.

Your first name, call-sign and address will appear in the bulletin from time-to-time, along with your phone number (unless you request that your phone number is for the use of the Club Executive only).

CALL-SIGN

Advanced

Amateur

FIRST NAME

SECOND NAME

STREET

TOWN/CITY/PROVINCE

POSTAL-CODE

HOME-PHONE

WORK-PHONE

CLUB OFFICERS AND COMMITTEE MEMBERS FOR 1989

PRESIDENT	Everett Engleht	VE300X	578-2458
PAST-PRESIDENT	Gordon Barber	VE3AAH	363-9161
1st VICE-PRESIDENT	Dave Rypma	VE3HTC	689-3014
2nd VICE-PRESIDENT	Jim Walsh	VE3SON	689-6839
SECRETARY	Wayne Staal	VE3LMD	561-2253
TREASURER	Paul Hazen	VE3NYC	664-5247
MEMBERSHIP	Gordon E. Murray	VE3J5J	575-3647
AWARDS & CONTESTS.			
HISTORIAN	Bernie Grandy	VE3EJKY	527-7175
PROPERTY	George Olenick	VE3BLG	363-7336
BULLETIN EDITOR	Bill McCaslin	VE3ARX	634-5190
& Gordon E. Murray			
EDUCATION	Jim Walsh	VE3SON	669-6839
EMERGENCY-SERVICES	Glen Gibson	VE3J5J	575-3647
FILE MARKET	Gordon E. Murray	VE3RHO	385-2766
HEALTH & WELFARE	Paul Hazen	VE3J5J	575-3647
PROGRAMS	Kurt Vogel	VE3PUI	389-8246
PUBLIC-SERVICE	Paul Hazen	VE3NYC	664-5247
PUBLICITY	Fred Robinson	VE3GCP	575-5197
REFRESHMENTS	Fred Robinson	VE3GCP	575-5197
REPEATER	Volunteers needed!		
SWAP NET CONTROL	Glenn Simpson	VE3DSP	385-8478
TECHNICAL	Ralph Turfs	VE3BYM	389-6146
TECHNICAL	Mark Gibson	VE3MH	389-4308
TECHNICAL	Paul Fleck	VE3HTF	
VE3DC LICENCEE	Glenn Gibson	VE3HTF	
VE3DC LICENCEE	Glenn Simpson	VE3DSP	385-2766
VE3DC LICENCEE	John Kassay	VE3PDK	385-8478
VE3DC LICENCEE			385-0422

BOARD OF DIRECTORS FOR THE HAMILTON AMATEUR RADIO CLUB - 1989

At the meeting of the Club Executive on November 23 1988, the following appointments were made:

PAST-PRESIDENT	Everett Engleht	VE300X	578-2458
PRESIDENT	Dave Rypma	VE3HTC	689-3014
1st VICE PRESIDENT	Michael Spenuk	VE3JTO	389-1760
2nd VICE PRESIDENT			
SECRETARY	Grant Sewell	VE3LMS	385-4034
TREASURER	Richard Lash	VE3SRK	547-4878
MEMBERSHIP	Gordon Murray	VE3J5J	575-3647

Changes in Committee chairs:

EMERGENCY	Paul Hazen	VE3NYC	664-5247
COORDINATOR	Robert Clarke	VE3ANW	Auto Dial 34
PROGRAM DIRECTOR	Michael Spenuk	VE3JTO	389-1760

VE3VM

N.I.A.R.C. AMATEUR RADIO CLUB INC. ANNOUNCES

BIG EVENT #11

SATURDAY, FEB. 4, 1989

0800 hrs to 1400 hrs
Set-up at 0630 hrs

VE3NRS

HOURLY DOOR PRIZES

TALK IN DIRECTIONS
VE3NRS - 147 240/840
SIMPLEX - 146,520

CANADIAN AUTO WORKERS HALL
125 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 \$5.00 each
 - Dealer Tables \$12.00 each
 - Entrance Fee \$3.00 each
- (this entrance fee)*

Dinner Dance

ENTERTAINMENT
Bar Opens at 6:30 p.m.
Family Style Dinner at 7:00 p.m.
Dancing at 9:00 p.m. till ???

Tickets for Dinner Dance include a chance for Grand Prize Draw

Tickets: \$20.00 per person
First Come, First Served

Children under 12 free with adult

Advance registration on tables required by

JAN. 28th, 1989 (cut off date)

Payable by cheque or money order
to N.P.A.R.C. Inc.

JAN. 28th, 1989 (cut off date)

DON'T DELAY RESERVE NOW

First Come - First Served.
N.P.A.R.C.
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R.R. #1, Jordan, Ont. Canada L0R 1S0
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Local Hotels and Motels will offer a discount for overnight stays.

Grand Prize

ICOM IC-3210 Dual Band FM Transceiver

supplied by

ATLANTIC HAM RADIO

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 28, 1989

