

The Hamilton Amateur

MEETING MAY 18, 1994
NASH AUDITORIUM, CHEDOKE HOSPITAL
8.00 PM.
HOME BREW NIGHT, THE CRAWFORD TROPHY
NOMINATIONS; REVISION TO CONSTITUTION
FIELD DAY PREPARATIONS

EXECUTIVE 93-94

PRESIDENT	David Bruton	VE3DWJ	383-9808
PAST PRESIDENT	Ev Englert	VE3OQX	385-0879
VICE PRESIDENT	Bill Court	VE3WVC	572-3755
VICE PRESIDENT	Bob Tenty	VE3TOK	385-4817
SECRETARY	Lorraine MacPherson	VA3NZ	389-7653
TREASURER	Joe Urbanski	VE3OCD	388-8383
MEMBERSHIP	Art Verhoog	VA3ART	389-9259

HARC COMMITTEE CHAIRPERSONS

HISTORICAL:	VA3GO	George Olenick	383-7338
BULLETIN EDITOR:	VE3SON	Jim Walsh	689-6839
EDUCATION:	VE3EKY	Bernie Granby	527-7175
HEALTH AND WELFARE:	SWL	Ellen Reinke	522-8909
PROGRAMS:			
HOSPITALITY CO-ORD:	VE3OGQ	Mary Urbanski	388-8383
SWAP NET CONTROL:	VE3ZYD	Jason Clarke	544-9970
OPEN			
REPEATER:	VE3OCY	Don Graziano	
EMERGENCY CO-ORD:	VE3EIK	Pat Brennan	561-5413
VE3DC Licencee:	VE3FHQ	Glen Gibson	385-2786
VE3NCF Licencee:	VE3MWH	Mark Gibson	389-4308
VE3RCB Licencee:	VE3EIK	Pat Brennan	561-6513
DELEGATED EXAMINERS:			
	VE3EKY	Bernie Granby	527-7175
	VA3NZ	Lorraine Macpherson	389-7653
FIELD DAY CO-ORD:			OPEN
FLEAMARKET 94:			OPEN
PROPERTY:	VE3AHQ	Mike Panopolous	544-6796
PUBLIC LIASONS:	VE3PFT	Paul Coppin	627-5672
AWARDS & CONTESTS:	VE3AHQ	Mike Panopolous	544-6796
TECHNICAL:	VA3SP	Mike Spenuk	304-0980

Hamilton Amateur Radio Club
General Meeting

The Hamilton Amateur Radio Club met at Nash Auditorium April 20th, 1994. The meeting was opened by the President Dave Bruton, VE3DWJ at 8:15p.m. Dave asked if the membership would accept the minutes as published in the bulletin. Motion to accept Stuart VE3SMF seconded by Neil VE3VNG.

Reports and Announcements.

Two silent keys were reported VE3BO George Pope and VE3OZG Hugh Ray.

Paul, VE3PFT thanked all those who helped with the "Around The Bay Race" and reminded the membership of the Red Shield Appeal, need for drivers and despatchers. The region has expressed interest in having the club participate in Aquafest this summer in July. Up to 60 operating stations, amateur and other services. VE3CNE is also looking for club participation.

Arie, VE3ART reports the membership has new members this meeting, David VA3DJD and Jeff VA3NVY. Lorraine VA3NZ would like to have a group visit Acton Monitoring station and wanted to know if there was sufficient interest to get a firm date. Stuart VE3SMF bought rechargeable batteries for the those interested in having 2 for a small donation.

The guest speaker cancelled. Emsley, Bernie and Rick gave a valuable insight into what to expect on field day.

Emsley emphasized the purpose of field day and thus reminded us of the Emergency Preparedness aspect. The Field Day Package comes from the ARRL and explains the designations of participating stations and how to obtain the maximum points. All members should be encouraged to participate. Setting up and removing the station are as important as operating to make the weekend run smoothly. The hospitality tent, grounds preparedness, and creature comforts are equally important.

Rick emphasized organizing the band captains, logging and operators. This is a good time to experiment with antennas.

Bernie told of the CW operation and the people who have worked with him in the past. The trailers, tents and lugging the sections of tower. This was once a family picnic event and could be again. Bernie also read the Genesis of CW (see later in the bulletin, this was too good not to be shared)

Stuart also reminded the club he had written a guide to field day which was in last years bulletin. This year maybe computer logging? Dave asked for volunteers for the field day event. The generator was discussed. Fred VE3GCP explained the interference problem with 40 meters.
Coffee break at 9:15p.m.

The meeting resumed at 9:50 p.m.

The treasures report was read by the treasurer Joe VE3OCD and he reports that the club has \$3316.56. Motion to accept by Fiore VE3OQG, seconded by Norm VE3BK

THE CRAWFORD TROPHY

The Crawford "home brew" trophy is awarded annually to the best home made device for use in the amateur radio shack. The name "home brew" portrays the idea that the device was constructed in the home workshop, thereby requiring skill and patience in producing a product of quality. It also suggests that the device was made at home during leisure hours, rather than at the place of employment.

A. Purpose.

To encourage radio amateurs to build their own equipment. The prime purpose for making a device would be for improved amateur radio communications, and/or for testing amateur radio equipment.

B. Rules.

1. The device shall have been completed in the twelve months prior to the contest.
2. Although a limited number of operations in the fabrication of the device may be processed outside the home workshop, the majority of the work shall have been done in the contestants own workshop or that of a friend during leisure hours.
3. A contestant can not act as a judge for this contest.
4. Each contestant is to be given an opportunity to explain operation and purpose of the device, and any other details deemed helpful about the construction.

COMING EVENTS

May 20-22, 1994 Rochester Hamfest and Computer Show at the Monroe County Fairground.

June 4, 1994 20th Annual Central Ontario Amateur Radio Fleamarket sponsored by the Guelph Amateur Radio Club and the Kitchener-Waterloo Amateur Radio Club Inc. from 8.00 am to 2.00 pm at Bingeman Park 1300 Victoria Street {Highway 7} Kitchener. Talk in 146.37 -146.97 and 144.61 -145.21.

June 18, 1994 Quinte Hamfest and Computer Show sponsored by the Quinte Amateur Radio Club at the Dick Ellis Arena, Harder Drive Belleville.

June 25-26, 1994 Field Day. Volunteers needed for a few hours of set up, operating, logging, take down etc.

July 1 1994 Canada Day contest. For info call VE3OZY Rick 544-3253.

July 9, 1994 Ontario Hamfest sponsored by the Burlington Amateur Radio Club at the Milton Fairgrounds.

August 13, 1994 Brantford Fleamarket at Woodland Park Brantford.

VE3CNE Our club will be operating VE3CNE at the Canadian National Exhibition. For a free pass and a few hours fun with the latest equipment, call Paul VE3PFT at 627-5672.

NOMINATIONS AND ELECTION

During the May meeting, nominations for the Board of Directors will be received from the floor. A person, in order to be qualified for nomination as a Director must be a member of the club in good standing, and must accept such nomination either by personal assent if present or by written letter of acceptance if not present.

Nominations may be submitted in writing over the signature of the proposer and seconder and mailed to the chairman of the nominating committee prior to the meeting. Mail to the club address P.O. Box 91215 Effort Square Postal Outlet, Hamilton L8N 4G4, attention Mark Hill, Chairman Nominating Committee.

Election will be during the June meeting with the new officers term to begin September 1.

Notes of interest.

Industry Canada has set aside June 9th/94 at 7:00p.m. (1900 hrs) for the club to visit. They can accomodate 15 to 20 visitors at one time. If you are interested please let myself (Lorraine VA3NZ) or Dave Bruton

DID YOU SEE

The pictures of our club in the May issue of The Canadian Amateur? VE3DC was multi-op winner of the 1993 Canada Winter Contest. The front cover of QST has an excellent photo of the dish at the Algonquin Radio Observatory. It was taken by VE3VD Peter Shilton who told us of the experience operating VE3ONT in the EME contest.

- VE3NVY, JEFF (905)573-9112
 1 - 1 QUANTUM 40 MEG HARD DRIVE \$50.00 OR TRADE
- VE3NYC, PAUL (905)383-1985 OR 383-1942
 1 - CRUSHCRAFT 11 ELEMENT 144-146 MHZ \$75.00
- VE3OGX, EVERETT (905)385-0879
 0 - KENWOOD 721A DUALBAND MOBILE WITH EXTRA SPEAKER \$600.00
 0 - DIAMOND SG 7900 DUALBAND MOBILE ANTENNA \$80.00
- VE3OKA, CARL (905)389-4307
 2 - YAESU 811 70CM HANDHELD, WALL CHARGER, DC TO DC CONVERTER,
 SMALL AND LARGE BATTERY PACKS \$235.00
- VE3OYH, HUGH (905)455-8715 CALL BEFORE 10:00 ONLY
 0 - KENWOOD TS 130S HF 10-80 WITH WARC BANDS 100WATTS WITH 2 MANUALS AND
 SHURE DESK MIKE (BEST OFFER)
- VE3PPA, PAUL (519)424-2549
 5 - 2 1994 AMATEUR RADIO CALL BOOKS, INTERNATIONAL AND
 NORTH AMERICAN \$50
- VE3PTJ, PAUL (905)574-3055
 0 - RAVEN PR-2417 24 PIM DOT MATRIX PRINTER \$75.00
- SWL, PETER (905)333-9412
 2 - DVP312 12VOLT 3 AMP PWR/SPLY \$30.00
 2 - MFJ-2BX CW FILTER & POLE \$20.00
 2 - OPTOLECTRIC H.H. FREQ COUNTER \$150.00
 2 - HAM PRESELECTOR SX-59 0-30MHZ \$65.00
 2 - YAESU FRG 7000 GEN.COVRG. DIGITAL RECUR. \$300.00
- SWL, PETER (905)388-7706
 1 - CRA OSCILLOSCOPE 25CYCLE
- VE3YLD, RYAN (905)648-0573
 2 - 2 SCSI 40 MEG HD'S \$1 PER MEG FOR EACH

WANTS

- VE3AQQ, SID (905)628-4814
 5 - 75FT OF 8 CONDUCTOR WIRE FOR ROTATOR
- VE3BLQ, OZZY (416)221-1808
 5 - KENWOOD 7930 OR 7950 2 METER WANTED
- VE3DPC, FRANK (905)634-9538
 5 - SERVICEABLE OSBORNE 1 OR EXECUTIVE COMPUTER
- VE3JIS, JACK (905)648-6443
 2 - ANY TNC WANTED
- VE3JUA, SEIB (905)637-6266

2 - WANTED FEBRUARY 1989 ISSUE OF 73

VE3OKA, CARL (905)389-4307

- 2 - HEATHKIT VF-7401 MANUAL AND SCHEMATIC WANTED
- 2 - CARTRIDGES FOR A VIC-20 COMPUTER ANY SOFTWARE WANTED

VE3PKY, CHRIS (905)547-3169

- 2 - 2 MTR TO 10 METER CONVERTER WANTED
- 2 - OLD 2MTR TRANSMIT CRYSTALS 6MHZ RANGE

VE3PLA, ERIC (905)357-3824

- 2 - KENWOOD PC-1A PHONE PATCH WANTED
- 2 - KENWOOD SW-2100 SWR METER WANTED

VE3RMA, RON (905)318-0532

- 2 - EGA MONITOR OR BETTER WANTED

VE3SE, JOE (905)680-1211

- 2 - BC-7 RAPID CHARGER FOR KENWOOD PB-4
- 2 - QRP RIG WANTED SIMILAR TO ARK 80 OR 40 LOW AMP DRAW ON RECIEVE. HAS TO BE SMALLER THAN ARGONAUT [[NO HW7 PLEASE]]
- 2 - TRANSMIT \ RECEIVE COILED TELEGRAPH RAILWAY STRAIGHT KEY WANTED

SWL, JEFF (905)765-7206

- 2 - WANTED PORTABLE SCANNER 10 CHANNEL OR BETTER \$125

SWL, JERRY (905)388-7184

- 1 - ICOM SM20 DESK MIKE

VE3VJA, DALE (905)828-1352

- 5 - 833A TRIODE WANTED

VE3WSW, WALT (905)527-4501

- 2 - EPSON PK8 LAPTOP MANUALS AND PRINTER FOR SAME

VE3YLD, RYAN (905)648-0573

- 2 - ALINCO DJ160 MANUAL WANTED

*Mark Gibson
has club*

*Chr oil Binnie
1496 Upper Steiman
St Church a 53
next dad*

HAMILTON AMATEUR RADIO CLUB SWAPSHOP
EVERY TUESDAY NIGHT 8:00EST VE3NCF 146.760 -600
FOR INFORMATION CALL VE3ZYD, JASON (905)544-9970

EACH ITEM WILL BE LISTED FOR 6 WEEKS.
AFTER THE 6TH WEEK IT WILL BE DELETED.
ALL ITEMS ARE RENEWABLE UPON REQUEST
DURING THE 5TH OR 6TH WEEK. THANKS.

APR 26, 1994
ITEMS FOR SALE

- VE3LEE, NEIL (519)621-7547
1 - TURNER CUSTOM SPECIAL DESK MIKE \$35.00
1 - 120 ft. 3/8 50 OHM HARDLINE \$80.00
- VE3CIY, JOHN (905)389-2861
5 - AMATEUR RADIO STUDY GUIDES FOR FREE
- VE3CRB, JOHN (416)244-1292
5 - CODESTAR READER, CW/RTTY/ETC \$200.00
- VE3HOD, BILL (905)572-6404
1 - YAESU FT107M TRANCEIVER 100WATTS, WARC BANDS, HEIL 4 DESK MIKE \$600
1 - MFJ VERSA TUNER III, 1.5KW MODEL 962C \$150.00
- VE3JIS, JACK (905)648-6443
1 - FILTRONIC'S SP1011 SPEAKER \$25.00
2 - MICRONTA 500W SWR, PWR, MOD METER \$27
2 - RANGER AR-3300 10 METER COVERS 26-29.5 100 WATTS \$250.00
2 - PRO 43 200 CHANNEL HYPER SCAN H.H. SCANNER \$350.00
2 - U100 ROTOR \$55
2 - CHANNEL MASTER ROTOR \$55
2 - TURNER +2 MIC \$25.00
- VE3JOZ, JOE (905)318-6259
2 - KNWD TH26AT 2MTR H.H. 2 BATTERIES, WALL CHARGER TONE BOARD,
TRANSMIT MOD \$295.00
- VE3JUJ, MARK (905)574-4370 (CALL AFTER 7PM)
5 - 2 30FT TOWERS \$80 each
5 - 1 47FT TOWER \$120
5 - 1 37FT TOWER \$100
5 - 2 27FT TOWER \$70
5 - 3 ELEMENT 2 METER BEAM VERTICAL HOMEBREW \$25.00
- VE3JWJ, JOHN (905)578-4275
4 - KENWOOD TH-77A DUALBAND 1 HOUR QUICK CHARGER, CIGARETTE LIGHTER
ADAPTER, 3 MEMORY MIKE, SMALL & LARGE BATTERY, RECEIVES CELLULAR
AND AIRCRAFT \$650.00
- VA3NC, BILL (905)312-0428
2 - YAESU FT-101ZD HF RIG, WITH WARC BANDS, MANUAL, MIC, \$400.00

The Genesis of CW

First he made a *dot*. He looked at it and saw that it was good. But it wasn't good by itself so he made a *dash* to go with it and he knew it was complete so he gave it to the man and his mate to name and they called it Morse code and thus began the history of communications. They did it with each other often and it was sooo good! They took it with them wherever they went and they had to move a lot because of that thing with the apple. You know.... but false prophets appeared and they spoke like the serpent; they said "CW is too much trouble." They invented other modes and they sneered at the true believers with their brass pump handles. This was not good . Then they hired a tower builder called BABEL to build them a tower so they could have a giant field day. But when they came down from the tower they were angry the Packet people couldn't copy the AM who could'nt understand SSB; it all sounded like DONALD DUCK. So they said, "Count me out; keep your club!" The snake scorned C.W. saying "who needs it" He even said, "who needs a licence, lets have a Citizen's band of our own", and pretty soon they were all jawing away and no one knew what was said because they were all taking at once....."10-4 good buddy".

Noah tried to stop them. He said, "don't listen to the snake, it's not too late, relearn Morse code and we can get together again. Let's have a field day and we'll talk to each other again," But they paid Noah no heed and soon no one QSO'd Noah anymore. Then it started to rain. It rained and rained

When the water started getting dangerously high they called on HIM to save them and he said, "**call Noah on your Ham Radio and he will come to save you with his boat,**" but there was no one left who could send SOS in Morse code and they all perished. Morse code was saved and it flourished again.

Now in the late 20 century governments are trying to legislate CW out of existance. **BEWARE**, when the flood comes, be sure you can still call SOS. When it starts to rain it will be too late!

FIELD DAY 1994

40 meter CW needs serious C.W. Operators.

We need people to help with antennas (build, transport, set up, take down, and transport home).

We need expertise in sorting out the interference problems between 40CW and 40 phone. Maybe someone has a rig with an attenuator pad built into the front end; maybe the 1C735.

Can you solve these problems? WE NEED YOU !! 73 Bernie, VE3EKY.

OLD BUSINESS

Fiore would like to have an Emergency Preparedness sponsor to instruct the members on operating procedures. Pat Brennan has taken on this job.

NEW BUSINESS

Article 11 as written in the bulletin was discussed as a package and will be voted on at the next meeting.

Motion to Adjourn Fred VE3GCP seconded by Gary VE3TTO

Dave Bruton, VE3DWJ
President

Lorraine MacPherson, VA3NZ
Secretary

Ammendment to Bylaws

Article 11. Officers of the Club

The Board of Directors shall consist of six members. The positions of President and 1st Vice-President, be elected to the Executive separately by the membership, to be eligible the candidates must hold at least the highest Amateur certification level (Advanced + 12 w.p.m.). The Board of Directors at its first meeting after election in each year, select from the remaining four elected members an Executive, consisting of a second Vice-President, Treasurer, Secretary, and Membership Secretary, and the ex-officio member shall automatically take the office known as Past President. The employment of all officers shall be settled from time-to-time by the Board. The President may only succeed himself once; the President and Vice-President must have held an Executive position in the Club for at least one term.

THE PRESIDENTS MESSAGE FOR MAY

Homebrew Night is coming this month on May 18, 1994. This is the time to show and explain your experimenting has come full circle. The planning stage, purchasing parts and looking through your junk box and experimenting has now completed. You have successfully built a project. Now bring your project to the meeting and talk about it. The membership are always interested in new ideas. Please read the rules located elsewhere in the newsletter.

On another note, elections are set for next meeting June 15, Please give it a thought and run for office. It is a great way to learn how the executive works and participate. The nomination procedure are in this issue of the bulletin.

Any member who wishes a ride to a club activity should call a member of the executive.

73's President VE3DWJ

THE HAMILTON AMATEUR RADIO CLUB

P.O. BOX 91215, Effort Square Postal Outlet, Hamilton, Ont. L8N 4G4

Club Meetings: Meetings are held the third Wednesday of each month except July and August at the Nash Auditorium, Chedoke Hospital. Time 8.00 pm. Non members and friends are welcome, coffee and donuts on the house.

Executive meetings: The Board of Directors meets at 7.30 pm on the fourth Wednesday of each month except July and August in the Radio Room, Red Cross Building, 400 King St. E. Members are encouraged to attend.

Club station: The HARC maintains an emergency radio room in the Red Cross building, 400 King St. E.

Membership: Membership costs \$25.00 per club year, 1 September to 31 August. Additional family members {no bulletin} are 1.00 per year.

Education & license testing: Amateur radio license are conducted. License testing through the club is performed on the second Tuesday by appointment. Contact the appropriate person listed on the front cover. Just testee and testor to be present at the time of testing.

Repeater: VE3NCF 146.760 MHz {input -600}, located on the Hamilton escarpment is available for use by all amateurs. Special features {mail box, 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 the Field Day. Contact the coordinator on the front page for 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 575-4745.

Fleamarket: A fleamarket is held during September each year, usually at the Ancaster Fairground. Date will be announced in future bulletins.

Bulletin: The Hamilton Amateur, the official news bulletin of the Club is published ten times a year and sent to all members {families share a bulletin}.

Crests: Anyone wanting a Club Crest or a Club Certificate see membership chairperson listed on the front cover.