

# The Hamilton Amateur

MEETING FEBRUARY 16, 1994  
NASH AUDITORIUM, CHEDOKE HOSPITAL  
8.00 PM  
SPEAKER: PETER SHILTON, VE3VD  
TOPIC: MOON BOUNCE AT ALGONQUIN

## EXECUTIVE 93-94

PRESIDENT	David Bruton	VE3DWJ	383-9808
PAST PRESIDENT	Ev Englert	VE3OQX	385-0879
VICE PRESIDENT			
VICE PRESIDENT	Bob Tenty	VE3TOK	385-4817
SECRETARY	Lorraine MacPherson	VA3NZ	389-7653
TREASURER	Joe Urban 'ki	VE3OCD	389-8383
MEMBERSHIP	Don Gray	VE3DGG	528-4326

## 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:			
HOSPITAL CO-ORD:	VE3OGQ	Mary Urbanski	388-8383
SWAP NET CONTROL:	VE3JWJ	John Johnston	578-4275
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:			
DESIGNATED 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	523-8242

100 minutes  
around the  
Bay Road  
← May 93

## 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.

## FEBRUARY MEETING

Peter Shilton, VE3VD was one of the group of amateurs on the VE3ONT EME DXpedition to FNO5XW, the Algonquin Radio Observatory. The Toronto VHF Society {VE3ONT} has been working on Moonbounce for years. Their efforts culminated in a Moonbounce operation at the Algonquin Radio Observatory. The first instalment of the story appeared in the February issue of The Canadian Amateur. Peter will tell us the whole story.

### The President's Message for February

Why join the Hamilton Amateur Radio Club? We join to learn more about Amateur Radio. To meet other people active in their hobby and have an opportunity to expand our knowledge and gain experience.

Generally, most new members are not active because they do not know who to ask. All members should be active, and participate in the club's activities. It has been said that only 15% of the membership are interested in volunteering. As a club we should try to improve this percentage to greater heights. Speak up and help or call the executive.

We can only succeed by working together and helping each other. If any of you want to KILL the Club, do the following to succeed:

1. Don't come to meetings.
2. If you do come, come late.
3. If you do attend a meeting, find fault with the work of the executive and committee members.
4. Never accept an office or committee appointment, as it is easier to criticize than to do things.
5. Nevertheless, get sore if you are not appointed on some committee; but if you are, do not attend meetings.
6. If asked by the chairman to give your opinion regarding some important matter, tell him you have nothing to say. After the meeting, tell everyone how things ought to be done.
7. Do nothing more than is absolutely necessary; but if other members roll up their sleeves and use their ability to help matters along, howl that the Club is run by cliques.
8. Don't bother about new members; let the secretary do it.
9. When a party is given, tell everyone that money is being wasted on blowouts which made a big noise and accomplish nothing.
10. When no parties are given, say the club is dead and needs a can tied to it.
11. If asked to sit at the speaker's table, refuse.
12. If you are not asked, resign from the club.
13. When the club folds up, tell everybody YOU knew it wouldn't work from the beginning.

Hamilton Amateur Radio Club  
General Meeting

The Hamilton Amateur Radio Club Met at Nash Auditorium January 19th, 1994 with 39 members present. The meeting was opened by the President Dave VE3DWJ at 8:10p.m. Bob Tenty, VE3TOK was asked to introduced the speaker for the evening a club member John, VE3DVV. John gave an informative talk regarding packet and the available networks. He showed a working station and invited members to try hands on display. The differences using TNC'S (Terminal Node Controllers) and internat boards, modems and high speed networks. Al VA3AM was asked to help show the HF IP system. (Unfortunately the satellite had gone into a spin and re-routing had not taken place at that time). John elaborated on his modem project showing a schematic and kit available by contacting him, 50 people are needed to make this a feasible venture.

At 9:00p.m. announcements made were as follows. Rick, VE3OZY reported the Canada Day Contest went well and 161,822 point were scored using the VE3DC call.

Fred announced that the club's involvement with Around the Bay race and Salvation Army Red Shield appeal is requested. Paul Coppin, VE3PFT Public Relations Committee will be working on these events with Fred, VE3GCP.

Dave, VE3JUR asked if the club is interested in setting up a station at the Westcliffe Mall. He is going to send a formal request to the executive to be handed on to the public relations on approval.

The parking tickets were not ready, members were requested to get a receipt and bring it with them next meeting.

#### Old Business

After coffee break the minutes of the last meeting were read by Lorraine, VA3NZ and a motion to accept by Dave VE3JUR, seconded by Dave VE3DWJ and accepted by the membership. The Financial reports for November and December/93 were read by Lorraine VA3NZ for Joe VE3OCD. November/93 motion to accept VE3JUR and seconded by Bernie VE3EKY. December/93 motion to accept VE3SON, Jim and Bernie VE3EKY seconded, accepted by the membership.

#### New Business

Jim, VE3SON would like to be informed when call signs and addresses are changed so he can perform his duties with bulletin.

Motion to close the meeting was made by Rick, VE3OZY and seconded by Al VE3AAH. The meeting was closed by Dave at 9:52 p.m

President Dave Bruton VE3DWJ  
Secretary Lorraine MacPherson VA3NZ

## MEMORIES FROM THE PAST

### A FB OPERATOR

Recently I had the pleasure of visiting the shack of one of the senior members of the Hamilton Amateur Radio Club. After an interesting ragchew, I decided a few lines were in order for the Club's Bulletin. The person I refer to is Norman Smith, VE3BK. Norm has been in Hamilton since 1959 but through the years had occasion to use several other calls, including VE2JN, VE3BT, VE1BO and VE3DTJ. He joined the Club in 1959.

Norm was born in Montreal in 1917 and had an English father and a French mother. He first became interested in Ham Radio from listening on a crystal set. He decided to learn the code with the help of a neighbour, who later became VE2JO. As one of them learned the code from a hand book and the other from an encyclopedia, their first contact on a long wire strung through backyards between houses ran into difficulty. The difference of eleven letters between International Morse and the American Morse was the problem.

Norm got his licence in 1934 at the age of sixteen. His first job in 1935 was making parts for metal tubes at Canadian Marconi at twenty five cents per hour. Once during a power failure, the foreman ran around, urging all the employees to clock out and obliging them to go home in a rain storm! In 1936 along came the first radio operator's job for two months on Anticosti Island. This job paid \$30.00 a month. A lumber company supplied the radio gear and shack and he had one schedule a day. The antenna was up eighty feet high, centre-fed open wire and supported by two poles made of three trees, strapped together in series. This was the remains of an old Marconi Station that had formerly been on the site. Norm lived in with a local family who had a daughter, to make things interesting, although there was lots of competition around! Initially Norm had got this job because he could speak French but he had trouble with the dialect and by the time he left, the family he was staying with was speaking English. The generator delivered 1000 volts DC for the transmitter and was in a small enclosure near the radio building.

The following year, Norm at 19 got another radio operator's job in a mining district in Northern Quebec, at a place called Chibougamau and he worked for a bush flying company. This job lasted three years. Here he had the operation and living quarters in a building and he had four five-minute schedules a day to base station about 100 miles away in Rouyn. The frequency used was 4860 KHz. On one occasion he had to walk six miles through back country for a doctor to help a miner who had suffered a compound fracture of the arm. Norm had the job of administering the anaesthetic, assisting the doctor. The doctor used naphtha gasoline to disinfect his instruments. The next day the patient struck a match on the cabin wall and the oakum between the logs caught fire. The fire was quickly put out, fortunately.

At the start of WWII, Norm went to Malton and worked for #1 Air Observer School on radio installation and maintenance. Next came a job in Rimouske working for C.P. Airlines. While in the Toronto area, he attended Radio College of Canada to obtain his commercial licence.

Note: The author is unknown, but I believe Glen Gibson wrote the article in the year of 1984. I have learned that Norm will be celebrating 60 years of operating a station this August. Congratulations to Norm for continuous years of operating.

It also shows that the club had a HARC T-shirt. Have any of our members seen so called shirt. If any current members have such a T-shirt why not bring it to a meeting so we newer members can see what it looks like.

#### A NEW SERVICE FOR PACKET USERS

Starting Monday, January 31 Packet Talk-in Help programme will air on VE3NCF Repeater 146.76 MHz. Your host will be Mike Spenuk VA3SP. The time will be 20:00:00. This is for all you packet users and beginners. All questions will be answered or researched if no clear answer is found.

The success of this venture depends upon you the user. Please show your enthusiasm and interest in packet-radio. The Hamilton Amateur Radio Club executive supports Mike in trying a new service to local amateurs.

Amateur Radio tests were given on December 14.1993. Delegated examiners were Lorraine VE3NDB/VA3NZ and Bernie VE3EKY. The following candidates successfully passed their upgrading tests.

Paul Coppin, VE3PFT Advanced Amateur  
Ken Donaghue, VE3KHD 5 wpm code  
Lloyd Mahoney, VE3HZO 5wpm

A rare event indeed, two candidates for morse code and one for the Advanced and all were successful. Congratulations to all concerned.

The Amateur Radio Class final exam was held on December 1/93. All passed. The successful candidates were:

Joseph Bienkiewicz	Basic	
Joe Gajdacs	Basic	VE3JOZ
Robert Manley	Basic	VA3WHO
John Livings	Basic	
Victor Lima	Basic	
Phillip Pennylegion	Basic	
Douglas Monk	Basic	
William Douglas	Basic	

Congratulations and welcome to the Ham community.  
The new Ham class commenced January 15. 1994  
Happy New Year to all.

Bernie, VE3EKY.

HAMILTON AMATEUR RADIO CLUB SWAPSHOP LISTINGS

TUESDAY NIGHT 8:00EST VE3NCF 146.760 -600

FOR INFO CALL VE3JWJ, JOHN (905)578-4275

THERE IS A MACHINE ON LINE SO IF I DONT ANSWER LEAVE YOUR LIST  
If items are SOLD or FOUND please let me know so I can delete off list

Feb 1 FOR SALE

- 1 VE3KYD, FRED, (905)632-2044  
DELHI DTX 48 FT TOWER MINUS BASE SECTION \$150.00
- 1 VE3NYX, RENZO, (905)521-1064
  - HEATHKIT MEMORY KEYSER MODEL SA-5010 WITH MANUAL ..\$75.00
  - MFJ CW FILTER MODEL CWF-2 EXTERNAL \$15.00
  - MFM 20 MEG HARDDRIVE ST-225.. \$50.00
- 1 VE3PFT, PAUL, (905)627-5672
  - TRS-80 MODEL 1 COMPUTER, 2 DRIVES, MON, EXPANSION INTF. \$150.00
  - ARCHER VIDEO PROCESSOR AND ENHANCER \$45.00 ea.
  - RS PRO 16A SCANNER \$75.00
  - TANDY COLOR COMPUTER \$15.00
- 1 VE3JOZ, JOE, (905)318-6259  
KNWD TH26AT, 2MTR H.H., TONE BOARDS, EXTRA BATT. BC11 RAPID  
CHARGER.\$500.00
- 1 VE3JVJ, MARK, (905)574-4370  
RS PRO 2021 200 CHNL SCANNER, EXT ANT \$200.00
- 1 VE3MXL, MALCOLM, (905)574-7153  
IBM PC JUNIOR, 128K, COLOR MON. MANUAL, 5 1/4 FLOPPY 2.0DOS \$160.00
- 1 SWL, PETER, (905)333-9412
  - DVP312 12VOLT 3 AMP PWR/SPLY \$30.00
  - MFJ-2BX CW FILTER 8 POLE \$20.00
  - OPTOLECTRIC H.H. FREQ COUNTER \$150.00
  - HAM PRESELECTOR SX-59 0-30MHZ \$65.00
  - YAESU FRG 7000 GEN.COVRG. DIGITAL RECVR. \$300.00
- 4 SWL, TONY (905)578-1789  
AMIGA 1000, 1084 COLOR MON., HDRIVE, 2 FLOPPIE DRIVES, 2MEG RAM  
\$500.00
- 3 VE3RNN, ROLLY (905)776-2168  
G5RV HF ANTENA \$65.00
- 3 VE3ZUL, SPANKY, (905)938-1522
  - YAESU FT208 HT, WITH WALL CHARGER \$180.00
  - BANDMASTER 1-KW ANT TUNER \$65.00
  - PRESIDENT HR1025 MODEL 1 \$250.00
- 4 VE3CQE, WALT, (905)544-3907  
GALAXY PLUTO 10-11 METER RIG, TURNER EXPANDER PWR MIC  
USB/LSB/FM ETC.. MANUALS 6 MONTHS OLD \$350.00

- 4 VE3ITY, BORIS, (905)388-6-0200  
 - TALKING FREQ DISPLAY VOICE SYNTH FROM QST APRIL 85 \$70.00  
 - APPLE COMPUTER, 2 DRIVES, 2 SERIAL CARDS. 1 Z80 , EPROM PRGRAMER  
 XTRA MEMORY, CHIP CHECKER IDENTIFIER \$200.00  
 - SONY BLACK AND WHITE TV. \$20.00
- 4 VE3WWR, JOHN (905)385-7694  
 AEA ISOLOOP 10-20-30 MTR ANTENA MINT SHAPE \$300.00 or Trade for hf  
 gear.
- 4 VE3XKV, BOB, (905)628-5478  
 - HF 5 BAY TAYLOR FILTER \$50.00
- 3 VE3S JL, NICK, (905)333-9756  
 - ALFHA-76CA HF LINEAR AMPLIFIER, 2.5KW PEP, 10-160 METERS  
 MANUAL, BOX IN EXCELLENT CONDITION, 3-8874 TUBES.... \$1650.00
- 4 VE3MWO, RON, (905)664-4297  
 - PRO 2022 200 CH.PROGR SCANNER INCLUDES CELLULAR . \$235.00
- 2 VE3WTE, WHITEY (905)547-0515  
 - SHURE BOOM MIKE \$40.00  
 - UNIDEN MOBILE 16 CHANNEL SCANNER, ANTENNA ,CAR+HOME PWR SUPLY \$125.00  
 - UNIDEN 200XLT 200 CHANNEL PROGRAMBLE, INCL CELLULAR..BRAND NEW \$175.00
- 4 VE3NYG, RUDY, (905)662-6163  
 - YAESU FT 301D TRANSCVR. HF RIG 6 PIECES \$600.00  
 - 2 METER 100 WATT MICROWAVE MODULE LINEAR AMPLIFIER \$200.00  
 - MFJ 1 KW DUMMY LOAD \$50.00  
 - AEA COMPUTER PATCH WITH HAMSOF T \$175.00
- 3 VE3MWD, SERAFINO (905)662-4526  
 - RS-HTX-100 10 METER RIG \$150.00  
 - 286 MOTHERBOARD WITH 1 MEG RAM \$80.00
- 3 VE3NCK, BILL, (905)312-0428  
 - YAESU FT-101ZD HF RIG, WITH WARC BANDS, EXLNT COND. MATCHING SPKR,  
 PHONE  
 PATCH COMBO, SHURE 444 DESK MIC, MFJ TUNER, EXCLNT SHAPE. \$600.00 or  
 B.O.
- 3 VE3JIS JACK (905)648-6443  
 - CDE-AR22 ROTOR AND CONTROLER \$95.00  
 - PRO 2021 PROGRAMABLE 2600 FRQS 200CHANNEL, EX ANT ADAPTR. \$215.00  
 - MICRONTA 3 RANGE PWR/SWR/MODULATION TESTER 500 WATTS \$25.00  
 - YAESU FT-101E \$395.00  
 - U100 ROTOR \$55  
 - CHANNEL MASTER ROTOR \$55  
 - TURNER +3 MIC \$50  
 - D104 DESK MIC \$45  
 - 4 AMP PWR SUPPLY \$15.00  
 - ICOM 2AT HH , 2XTRA BATTERIES, DC-CIG ADAPTER, CHARGER, EXT ANT.  
 ADAPTER, PLUGIN PWR MIKE \$195.00



WANTS

- 1 VE3PFT, PAUL, (905)627-5672
  - DONATION OF OLD STRAIGHT KEYS WANTED FOR H.A.R.C CW CLASSES
  - EXTENDER BOARD FOR HEATHKIT SB104 OR SB104A WANTED
- 1 VE3TJY, MIKE, (519)893-8747
  - 2MTR OR DUAL BAND MOBILE WANTED    MAX \$500.00
- 1 VE3WSW, WALT, (905)527-4501
  - 2MTR BASE OR MOBILE ANT WANTED
- 3 VE3SYK, CHARLIE, (905)939-2042    Paket addr...VE3SYK@VE3YRA
- 0 - 19 SET POWER SUPPLY WANTED
  - C-42 MANUAL & ACCESSORIES WANTED
  - HEATH DX40 MANUAL, ACCESSORIES, AND MATCHING RECEIVER WANTED.
- 2 VE6SRC, STU, (403)227-5792
  - HF TRANSCVR WANTED FOR STARTER PACKAGE , APROX \$400.00 MARK
- 2 VE3GQF, DAVE, (416)596-6692
  - 2METER MOBILE WANTED
- 3 VE3CCF, CHRIS, (905)847-0090
  - 286 MOTHER CARD WITH 1 MEG RAM WANTED.
- 3 GERALD SWL (905)535-7442
  - TRANS OCEANIC SWL RADIO WANTED
- 4 VE3CPQ, CARVALL, (905)827-4956
  - GELOSO G209 RCVER SCHEMATIC WANTED [ DESPERATE ]
- 4 VE3VJA, DALE (905)828-1352
  - QST,73,HAM RADIO, HANDBOOKS OR RELATED LITERATURE WANTED
  - SOCKETS FOR 4CX1000 AND 4-1000
  - ET3 TRANSMITTER
- 4 VE3NVY, JEFF (905)547-2380
  - SCHEMATIC FOR 30 AMP 12VOLT PWR SPLY WANTED
  - BOOK FOR INDOOR APARTMENT 2 METER ANTENAS WANTED
- 4 VE3FEZ, PETE, (905)648-6872
  - ICOM 24100A WANTED
- 3 VE3SE, JOE (905)680-1211
  - QRP RIG WANTED SIMILAR TO ARK 80 OR 40 LOW AMP DRAW ON RECIEVE.
  - HAS TO BE SMALLER THAN ARGONAUT    [[ NO HW7 PLEASE ]]
- 4 VE3TNW, TONY (905)526-6154
  - HH SCANNER WANTED WITH CELLULAR FREQS.
  - QRP PHONE RIG SIMILAR TO FT 7 OR ARGONAUT.

We would like to make a presentation of the Order of Merit award at the March meeting if a suitable person can be identified. If you have someone in mind for this award, please mail in your nomination, with two co-sponsors, to the club at PO Box 91215, Effort Square Postal Outlet, Hamilton, L8N 4G4 by the end of February so the judges may make their decision and have the award suitably printed and the plaque engraved in time for the March meeting.

### THE ORDER OF MERIT

#### Rules of the order

1. The Order of Merit shall be awarded according to the following rules.
2. The Order of Merit is awarded by the Hamilton Amateur Radio Club in recognition of distinguished service in the realm of amateur radio.
3. An award committee of not less than three nor more than five Past Presidents of the club who are members in good standing shall be appointed by the Executive Committee of the club. Appointments shall be for a period of three years and reappointments are permitted. The committee shall appoint its own chairman.
4. Persons eligible to be nominated for this award are defined by rules 5 and 6.
5. The person shall be a member or past member of the club.
6. The person shall have performed a service to amateur radio which:
  - {A} is not that normally expected for any appointment, or elected position or office or
  - {B} has prompted, and has resulted in greater interest and enjoyment from amateur radio for members of the club, or any allied organization, which is worthy of recognition by the club.
7. Any club member may nominate a person {in writing} for this award provided that nomination:
  - {A} states the service performed by the nominated person that warrants the nomination, and
  - {B} is signed by three current members of the club.
8. The nomination shall be forwarded to the Award Committee.
9. A nomination shall be deemed acceptable for the award provided that not more than one member of the award committee abstains from voting or casts a negative vote. The decision of the award committee shall be final.
10. Awards will not be awarded on an annual or fixed time basis, but according to the frequency that such truly distinguished services are performed, or brought to the attention of the club.
11. Persons awarded the Order of Merit shall have their name and call sign engraved upon the Order of Merit plaque.
12. The award committee shall prepare and keep on record the citation for each award.