

THE HAMILTON AMATEUR

1988

(Established 1932)

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

CLUB MEETING: MARCH 16

Speakers:

**Mr John Summach (TEXPRO)
&
Mr Ron Wheeler (D.O.C.).**

The Hamilton Amateur Radio Club meets at 8:00pm on the 3rd Wednesday of each month except for July & August. The location is the Nash Auditorium, in the Chedoke Hospital grounds, Hamilton. Non-members & friends are welcome.

Membership fees are \$20.00 per year with a common renewal date of January 1. Included is a subscription to the club bulletin. Additional Family Memberships (no bulletin) are \$1 for each person.

The VE3NCF Repeater is owned and operated by the Hamilton Amateur Radio Club. Located on the Hamilton escarpment it is available for use by any amateur. Input: 146.16Mhz. Output: 146.76 Mhz.

The Swap Net is held on VE3NCF every Tuesday at 8.00 pm except during July & August.

PRESIDENT :
PAST PRESIDENT :
1st VICE-PRESIDENT :
2nd VICE-PRESIDENT :
SECRETARY :
TREASURER :
MEMBERSHIP :
AWARDS & CONTESTS :
CLUB HISTORIAN :
CLUB PROPERTY :
BULLETIN EDITOR :
.. assisted by :
EDUCATION :
EMERGENCY SERVICES :
FLEA MARKET :
HEALTH & WELFARE :
PROGRAMS :
PUBLIC SERVICE :
PUBLICITY :
REFRESHMENTS :
REPEATER :
SWAP NET CONTROL :
TECHNICAL :
TECHNICAL :
VE3DC LICENCEE :
VE3NCF LICENCEE :
VE3RCB LICENCEE :

Everett Englert VE300X
Gordon Barber VE3AAH
Dave Rypma VE3HTC
Jim Walsh VE3SON
Wayne Staat VE3LWD
Paul Hazen VE3NYC
Gordon E. Murray VE3JSJ
Bernie Granby VE3EKY
George Olenick VE3BLG
Bill McCaslin VE3ARX
Jim Walsh VE3SON
Gordon E Murray VE3JSJ
Glen Gibson VE3FHQ
Gordon E Murray VE3JSJ
Paul Hazen VE3NYC
Stan Bolibruch VE3GFE
Paul Hazen VE3NYC
Fred Robinson VE3GCP
Fred Robinson VE3GCP
Glen Simpson VE3DSP
Ralph Tufts VE3BYM
Mark Gibson VE3MWH
Paul Fleck VE3HTF
Glen Gibson VE3FHQ
Glen Simpson VE3DSP
John Kassay VE3FDK

578-2458
383-9161
689-3014
689-6839
561-2253
664-5247
575-3647
527-7175
383-7338
634-5190
689-6839
575-3647
385-2786
575-3647
664-5247
528-4002
664-5247
575-5197
575-5197
385-8478
388-6146
389-4308
574-0588
385-2786
385-8478
385-0422

THE PRESIDENT'S MESSAGE

Program Director VE3NYC Paul's "SURPRISE" for the February meeting came as a complete surprise for everyone.

The idea of spending an hour for group membership input for club improvement projects and direction proved to be both innovative and creative. The number of ideas submitted will of course take time and in depth consideration before being implemented. I am sure that as a result of this meeting there will be many activities to hold the interest and enthusiasm of the members and make club membership an attractive benefit in the future. Thank you Paul for an interesting evening.

The discourse by Julius VE3FYY our present instructor in the Amateur Radio Course informed the meeting of some of the problems in teaching a course that has come from the vacuum tube to the highly sophisticated and technical circuitry that make up the general configuration of today's transceivers. Thanks to Julius from both the classes and the club for bringing it all together and your time and patience in presenting the subjects in a way that all can understand.

73 Ev VE300X.

FROM THE EDITOR

We would like to congratulate Grant VE3LMF, on getting his call. Grant joined us as a SWL, and we are delighted at his success. We also welcome Don VE3GED, Mary Urbanski and Donald Crawshaw to our club.

At the meeting on Wednesday, March 16th, one of the topics under discussion will be the restructuring of the Amateur Radio Service in Canada. D.O.C. has proposed some changes which are summarized in the article entitled "Excerpts from CRRL" elsewhere in this bulletin.

Field-Day is approaching, and Paul VE3HTF would appreciate as much support as possible in making Field-Day 1988 a real success for the Club. An information form is included in the bulletin - please complete it and mail it to him, or give it to him (or to one of the executive) at the club meeting on March 16th.

The following VE3 calls (+ 6 SWLs) are members for 1988:

AAH ACA AHB ANW ARX BK BKQ BLG BLT BO BOJ BOY BYM CIB CIG CIY
CKH CNF DHJ DKJ DMD DOU DPC DOU DVV EGL EGT EHL EKY ER EXR FBU
FBX FDK FEZ FHB FHO FMG FMS FMT FTD FYY FZR GCP GEO GFE GKP GVE
HLI HTC HTD HTE ISX ITG JSJ JTC JTR KTC KTV LMF LOI LWD
MIL MME MST MVO MWD MWG MWH NCG NCM NCS NCW NKW NYC NYN NYU NYX
NYY OCD OCQ OCW OCY OIC OIN OIW OIX OIZ OOG OOM OQX OQZ OZE OZG
OZY-PNO PUI RNR RS RW SAE SCH SMF SON TED WAG YI ZF.

Field Day 88

JOIN US FOR LOTS OF FUN!

BANDS	PHONE	CW	NAME	PHONE NUMBER
160	<input type="checkbox"/>	<input type="checkbox"/>		
80	<input type="checkbox"/>	<input type="checkbox"/>		
40	<input type="checkbox"/>	<input type="checkbox"/>		
20	<input type="checkbox"/>	<input type="checkbox"/>		
15	<input type="checkbox"/>	<input type="checkbox"/>		
10	<input type="checkbox"/>	<input type="checkbox"/>		
6	<input type="checkbox"/>	<input type="checkbox"/>		
2	<input type="checkbox"/>	<input type="checkbox"/>		
1.2	<input type="checkbox"/>	<input type="checkbox"/>		
.70	<input type="checkbox"/>	<input type="checkbox"/>		

Please fill in the appropriate data and mail or hand deliver to:

Paul Fleck 30 Cliff Ave. Hamilton,
Ontario L8V-2R9 VE3-HTF

THE SWAP SHOP

- VE3IBK: Gil 298-8519 Scarborough.
Icom 04AT Handheld c/w Bat. pac Bp4 & 6, wall charger \$475.
Icom IC505 6 meter multimode xcvr c/w nicad bat & man \$600.
- VE3KYO: John 774-6867 Dunnville.
Icom 2AT c/w DC30 dropin chrg, BP4 HD pac, wall chrg. \$325.
- VE3ISZ: Fred 827-6824 Oakville.
Icom IC25A 2mtr. 5 mem. 2vfo, TT mike, scanner, mans. \$175.
Icom IC740 c/w match spkr., HD p/s, manuals in boxes. \$775.
Hammond SP600 gen coverage 540kh-54mhz, ssb adaptor. \$150.
- VE3DNE: Ron 383-7526 Hamilton.
Yaesu FT901DM c/w match spkr, Ph patch, & Manuals. \$1,000.
National 2000 Linear: Amp. \$400.
- VE3FYA: Jerry (519) 763-5509
SB104A xcvr, ext. card, p/s & manual. \$400.
- VE3PNO: Garry 389-7687 Hamilton.
Bearcat 100 Scanner 50 - 512 Mhz. \$95.
- VE3MWD: Serafino 662-4526 Stoney Creek.
VHF HI Analog covers 30 - 50 Mhz. 146-174. & xtals. \$80.
- VE3OCY: Don 560-1960 Hamilton.
Heathkit IB101 freq. counter 250 Mhz & prescaler. \$75.
- VE3OCQ: Bob 549-6125 Hamilton.
Heathkit Amp. for handheld. no manual. neg.
- *****WANTED*****
VE3BK: Norm 385-5661 Hamilton. Scope.
- VE3ITO: Terry 648-3116 Ancaster. YK86S (Kenwood sideband filter).
- VE3KTC: Ralph 547-6475 Hamilton. TS440S (Call between 9-5pm).
- VE3ISZ: Fred 827-6824 Oakville. Ballantine #350 (RF millivlt mtr.)
- VE3HYN: David 387-2724 Hamilton. 6L6 and 6SN7 tubes.
- VE3BL: Ed 273-3925 Mississauga. Kenwood 120S or 130S xcvr.
- VE3DJG: Mike 751-0438 Scarborough. STI desktp chrg - Kenwood2400
- VE3OXW: John 751-0438 Scarborough. SWC2 Duplex Ant.(140-450Mhz)
- VE3BYM: Ralph 386-6146 Hamilton. AT-180 Ant. tunr for TS180Sxcvr
de VE3BYM Ralph.

EXCERPTS FROM CRRL BULLETINS

Those who doubt the need to attract more and younger amateurs to the Canadian Amateur Service should ponder these figures provided by the DOC. At the present time:

- ONLY 4.6% of all Canadian amateurs are under 30;
- 15.1% are between 30 and 40;
- 20.0% are between 40 and 50;
- 20.6% are between 50 and 60;
- 22.2% are between 60 and 70; AND
- 17.5% are 70 years of age or older.

Simple arithmetic shows that just over 60% of all Canadian amateurs are over 50; their present mean age is probably 55.

AMATEUR LICENCES:

On February 20, representatives of CRRL and CARF participated in the first meeting of a DOC-Industry Working Group (in this case, the "Industry" was Amateur Radio) dealing with Restructuring of the Amateur Service. At that meeting, DOC indicated it was strongly committed to a new structure based on four classes of certificates, including a no-code VHF-UHF entry-level certificate, to be implemented by late summer, 1989.

Here are the details of the current DOC proposal:

Certificate A: Entry level.

Requirements: No code; 100 question technical exam based on 40 hours study of 1) basic electronics, 2) Amateur Radio systems, 3) antennas and propagation, 4) interference and suppression, and, 5) regulations and operating procedures

Privileges: All modes, all frequencies above 30 Mhz, maximum 250 watts input; "commercial" equipment only.

Certificate B: To be used in conjunction with certificate A.

Requirements: 5 w.p.m. code examination

Privileges: As for Certificate A above, plus all modes, 3.5 - 4.0 MHz, maximum 250 watts input, "commercial" transmitting equipment only

Certificate C: To be used in conjunction with certificate A.

Requirements: 12 w.p.m. code examination

Privileges: As for Certificate A above, plus all modes, all amateur bands below 30 MHz, maximum 250 watts input, "commercial" transmitting equipment only.

Certificate D: To be used in conjunction with certificate A, or a combination of the above certificates.

Requirements: 50 question advanced technical examination.

Privileges: Band and mode privileges as for other certificates held plus the right to use maximum legal power and homebuilt transmitting equipment, and become licensees of repeater and remote base stations.

While DOC is strongly committed to a four-certificate structure DOC members of the Working Group reiterated that nothing was "cast in stone" and that many details of the proposed structure were still open for discussion. These included 1) names of the various certificates, 2) operating privileges associated with each certificate, 3) relative difficulty of the two technical examinations, 4) requirements to use "commercial" equipment, and 5) accommodation of holders of the present Amateur, Advanced Amateur and Digital Amateur certificates.

How does the new DOC proposal differ from the joint CRRL-CARF proposal submitted 20 months ago? There are superficial differences having to do with number of certificates, code speed requirements and the like. The most important difference is that the proposed DOC structure gives more operating privileges before a second technical exam. This could reduce the incentive to upgrade. This could also place a burden on the first technical exam to be more comprehensive - and possibly more difficult - than the first technical exam for the structure proposed by CRRL and CARF. Whether this would make it difficult for the restructured Amateur Service to attract more and younger amateurs will require careful study.

At this time, opportunity for comment from the Amateur Radio community directly to DOC is probably past and will not reappear until a notice appears in the Canada Gazette. If you have comments that would be helpful, they should be directed to your national Amateur Radio organizations. CRRL particularly solicits such comments. Please send them to CRRL Headquarters, Box 7009 Station E, London ON N5Y 4J9, with a copy directed to your nearest member of the CRRL Board: VE1ASJ, VE2ZZ, VE3CDM, VE3FN, VE3GRO, VE6ABC or VE7EMI.

CANADA-USSR SKI-TREK UPDATE:

The digitaiker on the University of Surrey Amateur satellite is now giving the position of the Canada-USSR Ski-trek expedition Listen for it on 145.825 Mhz as it passes over.

(Usually three or four passes a day can be heard. I have been able to pick up the overhead passes using a handheld with rubber duck antenna - VE3JSJ).