

VE30ZY

# The Hamilton Amateur

MEETING JUNE 21, 1995  
NASH AUDITORIUM, CHEDOKE HOSPITAL  
8.00 PM  
ELECTION OF EXECUTIVE  
OPEN FORUM ON CLUB ACTIVITIES

## EXECUTIVE 94-95

PRESIDENT	Lorraine MacPherson	VA3NZ	389-7653
PAST PRESIDENT	David Bruton	VE3DWJ	383-9808
VICE PRESIDENT	Bob Tenty	VE3TOK	692-9245
VICE PRESIDENT	Fiore Manga	VE3OQG	578-1789
SECRETARY	Jason Clarke	VE3ZYD	544-9970
TREASURER	Joe Urbanski	VE3CCD	388-8383
MEMBERSHIP	Jeff Smallwood	VE3NVY	545-6788

## 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
STATION MANAGER	VE3PFT	Paul Coppin	627-5672
HOSPITALITY CO-ORD:	VE3OGQ	Mary Urbanski	388-8383
SWAP NET CONTROL:	VE3OII	Phillip King	578-9880
REPEATER:	VA3SP	Mike Spenuk	304-0980
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	561-5413
DELEGATED EXAMINERS:			
	VE3EKY	Bernie Granby	527-7175
	VA3NZ	Lorraine Macpherson	389-7653
FIELD DAY CO-ORD:	VE3PFT	Paul Coppin	627-5672
FLEAMARKET 95:	VE3WVC	Bill Court	572-3755
PROPERTY:	VE3NVY	Jeff Smallwood	545-6788
PUBLIC LIASONS:	VE3PFT	Paul Coppin	627-5672
AWARDS & CONTESTS:	VE3DWJ	David Bruton	383-9808
TECHNICAL:	VA3SP	Mike Spenuk	304-0980
HF CONTESTING:	VE3OZY	Rick Danby	544-3253

General Meeting Minutes  
Wednesday, May 17, 1995

The H.A.R.C. General meeting was held at the Nash Auditorium. The meeting was brought to order at 20:05 EST by the President Lorraine (VA3NZ). A motion to accept the previous minutes as written was made by Kurt (VA3KUR) and seconded by Mary (VE3OGQ). Motion passed.

**Announcements:** Lorraine (VA3NZ) greeted us to another meeting and proceeded with business. One of our members, Mary (VE3YOC), who was not present, was mentioned in the RAC Magazine. She won Top Award for Single Operator, while working SSB on VHF. Elections are coming up next month. Mark Gibson (VE3MWH) has agreed to be Election Chairman. Please write up a reason why the person that you picked should be on the Executive, and submit it into Mark (VE3MWH) or Jim Walsh (VE3SON). The C.N.I.B. sent a thank you card for the donation.

**Bernie (VE3EKY):** On April 1st, 1995, copied the last message of the 8 code transmissions from the Coast Guard on 8.471 Mhz. He sent in the message that came out of the Canadian Amateur Magazine and then received a certificate for the correct copy. One of our Club Members Gill (?????) passed his Basic and 12 wpm license.

**Congratulations Gill!!!**

**Lorraine (VA3NZ)** reminded us of the Flea market on Oct. 7th \95 and the **\$2000.00 Grand Prize Certificate** for Norham Radio.

**Dave (VE3DWJ):** Dave is chairman for Homebrew Night, and introduced Tony (VE3TNW) to talk about his project. Tony stood up front and spoke about his Two Metre Log-Periodic Yagi Antennae, which has a theoretical gain of 11.5 dbi. Next was Vic (VE3VMO) who spoke about his Automatic crank up tower which is attached to the back of his truck.

**BOB (VE3TOK):** Bob got up and introduced our Guest Speakers; Vivian Lewis and Michael Silbert (VA3MS) [an old member of our club], They spoke about the Hamilton-Wentworth Free-Net. The **H.W.F.N.** phone number is **540-5000** which has 60 lines and Internet access. Basic Access is **FREE!** Bob thanked Michael and Vivian for coming and speaking with us.

**COFFEE BREAK 21:20 UNTIL 21:40**

**Dave (VE3DWJ)** announced the Homebrew winner for 1995 is Tony (VE3TNW).

**Congratulations Tony on your project well done!!!** Tony thanked Dave for the Award and stated that he was a "Chronic Do-It-Yourselfer"!

**REPORTS: Treasurer's Report:** Joe (VE3OCD) Told us that the Final Bal. is \$5,174.14, after his little mistake. Motion to accept the Treasurer's Report was made by Fiore (VE3OQG) and was seconded by Jason (VE3ZYD).

**Fiore (VE3OQG)** Spoke about how he got only 14 names on the Hiada Trip Form. The Total Cost was only going to be \$6.50 per person!! But since there is not enough people going on this trip, we have no choice but to CANCEL it. Thanks to all who did sign up.

**Lorraine (VA3NZ)** told us not to forget about the McMaster University Planetarium Night on June 6th at 7pm in Room B149. Hope to see you there... Unfortunately you will have to pay for your own parking. It is only approx. \$2.50.

Fiore asked about the Mohawk College situation. Lorraine's response is that she has no idea yet.

**NEW BUSINESS:** Lorraine asked if there was anyone willing to volunteer to do the swap Shop on Tuesday. Remember Folks that these activities **DO NOT** happen by themselves. There was no response of any kind to the Swap Shop Question and the decision of the Swap Shop closing for the summer is a Definite possibility.

Motion to adjourn the meeting at 22:08 was made by Fiore (VE3OQG) and seconded by Jason (VE3ZYD).

Lorraine (VA3NZ)  
President

Jason (VE3ZYD)  
Secretary

Radio Amateurs of Canada

Tom Atkins VE3CDM, RAC IARU Canadian representative at the recent 25 Year Wireless Association meeting spoke on international amateur operations. One thing was a possible agreement involving North and South American countries regarding an International Amateur License similar to an International drivers license that would be recognized in these areas.

He also stated that of the 40,000 Radio Amateurs in Canada were members of Radio Amateurs of Canada Inc. RAC is in fact a lawyer for Radio Amateurs. Negotions on behalf of Radio Amateurs are costly, almost more than the present RAC income.

RAC membership costs \$36.00 a year which includes The Canadian Amateur magazine. We all have a considerable amount of effort and money for our hobby. \$36.00 a year is not too much considering the protection and information provided.

Gord Barber VE3AAH

The Canadian Wartime Heritage Museum is starting an Amateur Radio Club. If you wish to become involved please call Bob Fueard VE3DUF at 138 Hampton Heath, Burlington, phone 905-637-0800. He can also be reached at the Museum in the Wartime Heritage Library on most Wednesdays. The library is located at the south end of Hangar #4. The call sign for The Canadian Wartime Heritage Museum Amateur Radio Club is VA3CFM.

TUESDAY NITE SWAPSHOP HELD ON CLUB REPEATER VE3NCF 146.760(-600)  
NET CONTROLLER VE3OII PHILLIP (905)578-9880  
ALL ITEMS ARE LISTED ON THE SWAPSHOP FOR 4 WEEKS  
LIST AVAILABLE ON PAKET AND PHONE BBS 905-575-4745

SWAP LISTING FOR JUNE 2

VE3LEE, NEIL(519)-621-7547

- 3- 386-25 MOTHERBOARD \$65.00
- 3- QUANTITY OF 2 IDE 40 HDRIVES \$45.00 AND \$25.00
- 3- 40FOOT DELHI TOWER WITH 10FOOT MAST \$65.00
- 3- TURNER CS1 DESK MIKE \$40.00

VE3QL, JOHN (905)561-9170

- 2- RIBIT 1200 CLONE CONVERTER, FOR SLOW SCAN TV, CAMERA, FIRMWARE SOFTWARE, CABLES CONNECTORS, MANUAL, SOFTWARE ETC \$700.00

VA3ARQ, SANDEEP(416)251-5666

- 2- ATI MOCK 64 VIDEO CARD PCI VERSION 2MEG RAM \$290.00 OR TRADE FOR LOCAL BUS VIDEO CARD
- 2- US ROBOTICS COURIER 14.400 EXTERNAL MODEM WITH PWR/SPLY, MAN \$90.00

VE3WTE, WHITEY(905)547-0515

- 2- 2-UNIDEN H.T. SCANNERS 29. TO 400. MHZ BRAND NEW, CHARGER MAN \$100.00 EA.

VA3TA, LARRY (905)549-7393

- 4- KNWD PC-1 PHONE PATCH NEW \$95.00

From the Editor's Desk

Ue3 x00

## Devolution of Services

Recessionary times creates strange and wondrous effects particularly within the federal government. No doubt you have noticed the development and use by politicians of such key words as "downsizing", "re-engineering", "economic restraint", "decentralization", "contracting out", etc.

Amateur radio operators will soon realize the impact of all this bureaucratize as a result of negotiations between RAC and Industry Canada. Industry Canada is apparently anxious to devoid itself of all "public services" associated with amateur radio such as the selection and appointment of designated examiners, conducting qualifying examinations for candidates for amateur radioliceses, call sign assignment, licensing of amateur radio operators, and the overall policing of the hobby. In effect, the government wants to maintain its legislative and policy formulation responsibility and hand over responsibility for almost everything else pertaining to amateur radio to the amateur radio community.

It is understood that the target date for the transfer of the foregoing responsibilities is mid 1995 .

## Do You Know ?

Do you know that Industry Canada will release to the public all information that appears on radio licences to facilitate frequency coordination between users ? The only exceptions to be made are where the information relates to national security, to federal, provincial or municipal police operations or to that which pertains to foreign governments and embassies.

This is of particular benefit to amateurs using bands shared with other services who want to coordinate amateur frequencies with those of other services in the band. A fee may be charged for the release of this information by Industry Canada.

## Unveiling of New Antenna Tower Policy Due Soon

The long awaited Industry Canada new policy concerning the erection of antenna towers is scheduled for release sometime this fall. However, usually reliable sources have indicated that the new policy is designed to quell constituents' complaints to their MPs, and not necessarily to satisfy amateur radio operators. Apparently the new policy will spell out the requirement that prior to erecting an antenna tower amateurs will have to first "consult" with municipal authorities to ensure the tower does not destroy the aesthetics of the neighbourhood (interpreted this means a control on the height of the tower, its location on your property and even the colour of paint you use to paint it). The new policy, it is hoped, will put an end to the rash of complaints the department is forced to deal with from neighbourhood residents about "unsightly" antenna towers and, more particularly the effects of EMI. In addition, the new policy should end the arguements which have been going on for a number of years with municipalities across Canada who have challenged the federal government over who has legislative authority over the erection of antenna towers.

If the foregoing is true, and we have every reason to believe it is, the new policy will certainly satisfy the politicians as it will calm troubled waters - but it will certainly cause amateur radio operators to be irate. But then again who are amateur radio operators - they are only the group who pay for the right to operate radio stations and the group to whom the authorities and the public alike depend upon for communications in disasters and emergencies

### Definitions:

Beauty Contest: - A Lass Round-up.

University: a place for 2,000 in classrooms and 50,000 in the football stadium.

Racket: The other man's formula for making a living without having to work for it.

# The Hamilton Amateur Radio Club

**Presents**

**FLEA MARKET 95**

**An Amateur Computer and Electronic Show**

**Saturday October 7th 95**

**Marrit Hall (Ancaster Fair Grounds)**

**On #53 Highway Between Southcote Rd.  
and Kittymurry Lane**

**General Admission \$ 6.00**

**Doors Open to Vendors at 7:00a.m.**

**General Public at 9:00a.m.**

**TALK-IN VE3NCF 146.760 -**

**Vendors Galore - Lots of free parking**

**lots of door prizes - Great Food**

**and Plenty of Space for Socializing**

## **SUPER DRAW**

**This is the one all others are Judged by**

**\$ 2,000 GIFT CERTIFICATE**

**From NORHAM RADIO**

**\* Tickets \$5.00 each or 5 for \$20.00**

### **VENDER INFO:**

**Main Hall:**

**Wall: \$15.00 Other: \$11.00**

**Jr. Hall**

**Wall: \$11.00 Other: \$9.00**

**\* INFO by FAX ONLY: (905)-664-4828**

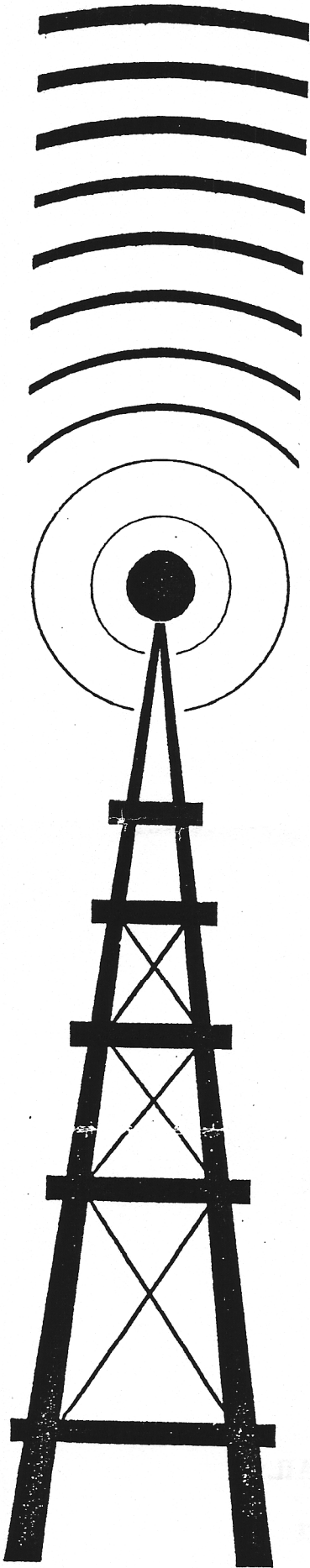
**You can Pre-register or TAKE CHANCES AT THE DOOR:**

**Pre-Registrations to be Mailed with PAYMENT TO:**

**HAMILTON AMATEUR RADIO CLUB  
P.O. Box 91215, Effort Square Postal Outlet  
Hamilton, Ontario  
L8N-4G4**

**ALL PRE-REGISTRATIONS WILL BE CONFIRMED BY MAIL:**

**\* Special Thanks to the Great Staff at NORHAM for all their Support**



# LAKE ONTARIO **MARINE RADIO RENDEZVOUS**

Mimico Cruising Club Toronto  
Weekend of 7/8/9 July 1995

Presented by the Toronto Marine Amateur Radio Club

**ARE YOU A BOATER INTERESTED IN HAM RADIO?**

**ARE YOU A HAM RADIO OPERATOR INTERESTED IN BOATING?**

Learn how ham radio can make your boating safer and more enjoyable.

Join in discussions on boat radio and antenna installations.

Meet sailors who have used ham radio at sea and on The Great Lakes.

Meet the net controllers for the Mississauga Maritime Net.

Talk to sailors around the world - *even if you are not a licensed ham.*

<b>Friday July 7</b>	7.00 pm Barbeque. 9.00 pm Dancing to the "Mimico Jam" jazz band.
<b>Saturday July 8</b>	4.00 pm Discussion groups. 7.00 pm Dinner at MCC.
<b>Sunday July 9</b>	10.00 am Discussion groups.

A "Special Event" radio station will operate from 9.00 am to 3.00pm  
Saturday and Sunday - Call sign VA3MER  
Frequencies 7.035/7.235 and 14.035/14.235 Mhz.

Ham VHF call in frequency will be Toronto repeater VE3XIX 145.230 Mhz.  
Mimico Cruising Club also monitors **marine VHF** Channel 68.

Docking at MCC is on a first come first served basis, rafting may be necessary. There is plenty of room to anchor.

For more information call

-Tony Wright VA3MER 416-763-3481

- Charles Leggatt VE3CFL 416-486-6025



Radio Amateurs of Canada  
 Administrative Office  
 P.O. Box 356  
 Kingston, Ontario  
 K7L 4W2

Name \_\_\_\_\_ New  Renewal   
 Call Sign \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Prov \_\_\_\_\_ Postal Code \_\_\_\_\_

Visa/MC No. \_\_\_\_\_ Expiry Date \_\_\_\_\_

Signature \_\_\_\_\_

*Families may subscribe to RAC by paying the basic fee of \$36.00 per year, plus \$19.00 for each additional person who wishes to use the services of the organization, (only one copy of the magazine per family membership.) Please include the extra names and call signs with the application.*

1 year individual membership	@ 36.00	\$ .....
List additional family members	@ 19.00	\$ .....
	@ 19.00	\$ .....
	@ 19.00	\$ .....
Associate ARRL membership includes QST and GST	@ 57.75	\$ .....
Associate ARRL senior membership 65 years with proof. Incld QST and GST	@ 52.25	\$ .....
<b>TOTAL</b>		\$ .....

Life memberships are also available - contact RAC headquarters  
 All payments in Canadian funds and must accompany application



# Radio Amateurs of Canada

*What's in it for you...*

RAC, the Radio Amateurs of Canada, is our national organization representing the interests of amateur radio in Canada. RAC is also the voting member of the International Amateur Radio Union (IARU). Whether it be for liaising with the government agencies, or carrying the amateur voice about regulatory and spectrum issues to the discussion table with government and industry leaders, RAC is the agency that speaks on your behalf.

Along with these issues RAC also provides services to amateurs to enhance their enjoyment of the amateur radio service. A membership in RAC gives you access to these services; it allows for a structure and forum for your voice to be heard at government and industry discussions; and it allows you to participate in discussions that will help shape the future of amateur radio in Canada.

This is an invitation for you to participate in this nascent organization. To share in the development and progress of this service, and to help amateur radio grow in Canada.

*Support the organization that supports you.*

VE3LEW, DAVE (416)698-5556  
4- IBM AT 286 51/4,31/2DRVS, 40MG HD, LIKE NEW \$600.00

VE3JWJ, JOHN (905)578-4275  
3- HTX-100 10MTR HF MOBILE RIG SSB/CW \$120.00  
3- KNWD 77A H.H. DUAL BAND, BC-11 RAPID CHARGER, 2 BATTERIES, SPKR MIC  
MANUAL, RECEIVES AIRCRAFT AND CELLULAR \$640.00 B/O or trade for UHF  
MOBILE

VE3BNF, DAVE (905)578-0186  
4- 4CX5000 IMAC TUBE WITH SOCKET, CHIMNEY, AND 50 AMP FIL. TRNSFMR  
\$300.00

VE3GFE, STANLEY (905)528-4002  
4- HEATH SB104 HF TRNSVCR, WITH PWR-SUPLY, DESK MIKE, CABLES  
CONSOLE WITH PHONE PATCH/SWR/CLOCK/TEST/, MATCHBOX PACKAGE  
\$650.00

VA3RF, DAVE (905)318-6318  
4- 2 MTR 1/4 WAVE TRUNK LIP MOUNT \$30.00 ea  
4- SHARP LAPTOP, CARRY CASE, PWR/SUPLY AND BATTERIES \$200.00  
4- DIAMOND CP-6 HF VERTICAL ALL BAND ANTENA CHIMNEY MOUNT \$250.00  
4- 2 of 2400/9600 BAUD INTERNAL MODEMS \$50.00 each.

VE3JIS JACK (905)648-6443  
3- ALLIANCE ROTOR WITH CONTR. \$55.00  
3- CHANNEL MASTER ROTOR WITH CONTR. \$55.00  
3- SUPERIOR ROTOR WITH CONTR. \$50.00  
3- CROWN ROTOR WITH CONTR. \$45.00  
3- TURNER +3B MIC \$45.00  
3- MICRONTA 2.5 AMP PWR/SPLY \$20.00  
3- MICRONTA 4 AMP PWR/SPLY \$30.00  
3- UNIDEN PRESIDENT 2510 MIC \$25.00  
3- NUMARK PREAMP CONTINUOUS SURGE PWR/SUPPLY \$25.001- SHURE 3M66  
DESK MIKE \$30.00  
3- D104 ASTATIC MIKE \$55.00  
3- HEATHKIT HW101 HF TRNSVR, MATCHING PWR/SPLY, EXT SPKR, 10-80 MIC  
\$250.00  
3- HEATH SB104 HF TRNSVCR. 10-80 MTRS. DIGITAL READOUT, SPKR/PWR/SPLY  
SHURE DESK MIKE AND MANUAL..VERY CLEAN UNIT \$485.00

VE3JIS Jack (905)648-6443.  
2-Uniden HR2510 10/11 metre mobile - all mode like new

VE3BLE Blake (05)529-4415  
2-Yaesu FRG7000 HF receiver

WANTED

VE3VRU Terry (905)648-2549  
2-Pro 2022, 2004, or 2006



## UHF Frequency Testing Simplex

The Annual Nature Walkathon in Hamilton has always had faulty communications. Equipment failure and operator errors occurred each time. As part of the volunteer group I suggest Amateur Radio can assist in communications. A system of check points, established by organization for East Mountain and King Forest Areas were identified. I knew that Amateurs were prepared for assisting in communications.

I ask for some volunteers at our general meeting in May. A few members responded, VE3VMO Vic, VA3ART Arie, VE3ZYD Jason and myself VE3DWJ David. The test proved to be interesting and results gratifying. The exercise was to cover the area mention to find out if all stations can communicate with each other and what power is needed.

The test area was from Albion Falls to Hixon Road, Mohawk Road Ski Lift and the Rail Trail lookout point overlooking the Kenilworth traffic circle. By the way VE3ZYD had to use his bike to get to the lookout. He is in good physical shape as no heavy puffing was heard during his transmissions. At all points mention above, the group using handhelds can indeed speak to each other via simplex. The Club's UHF Repeater would be the secondary backup if problems occurred.

I reported back to the organization that radio contact can be done by Amateurs for all their check points. They were going to use cellular phones. (Past events show they need help).

Fleamarkets were on during Saturday, June 3. A few phone calls to busy people always works. On Friday night before the event, changes were made. Two routes were cancelled because of rain. Only the rail trail with two check points was approved. Uncle Murphy came into the picture. The check points were changed. I still felt that we can help. The amateurs who were on the two cancelled routes I let them go.

On Saturday morning, the work crew of volunteers set the stage for the walkathon. All signs, tents, water where in place, the Mayor said a few words and the walk began. Still they insisted that the phones will work. A couple of amateurs showed up. I suggest they go about their alternate plans for the day, but listen to repeater just in case.

Well I shall assume by now you know what went wrong. The command post cellular phone battery went dead. Not enough phones to spare. I called my four volunteers to return. We decide earlier to use a repeater for the check points. VA3NZ Lorraine, our President, I placed at the Start/Finish position. My position at the halfway point Wentworth St railway crossing completed the link.

A third Amateur who has a bike stood by waiting for failure at the 1/4 mark. But the cellular phones were working between the 1/4 to 1/2 check points. VA3AM Al was not used. The walkathon was a success.

Here is an example where amateurs can assist groups who believe that modern technology will work indefinitely without failure. When was the last time you tried to run equipment on batteries for 6 hours? If you are a net controller, can you provide such a service? Are you equipped to do emergency communications? Check out your batteries.

Presidents Message.

It has been a busy year. The trip to McMaster Planetarium is this Tuesday. I hope bunches of you show up.

Sadly I have to report that Norm Smith, VE3BK has passed away this last week. We will be sending a donation to the Heart Fund in his memory. A very fine caring member the club will miss.

I have to thank all the executive for a fine job done this year. We may not see everything from the same angle but differences aside did keep the club solvent and hopefully the members happy.

There were no really major changes. Mary deserves extra thanks for always being in just the right place to lend a helping hand and discuss any problem. Thank you Mary. There are many fine club members so if you have ever thought of doing something for the club here is your chance to run for election or take over one of the committees.

Field day is coming up so all those who wish to participate call Paul Coppin or show up on the day and lend a helping hand.

Remember if you think of a new and interesting thing for the club to do let the executive know. Dave Bruton, VE3DWJ did have need of operators for the nature walk - radio won over cell phone. We did however persevere and get the job done.

Lorraine VA3NZ

#### HomeBrew Night      May Meeting      1995

The entrants for this years' contest were on the same theme of antennas. Two different systems were developed. A heavy duty and a light weight for walkers, hikers. After the coffee break the judges decided that VE3TNW Tony Wallace was the 1995 Homebrew recipient.

Awards and Contests Chairperson  
VE3DWJ David

VE3BK Norman Smith SK

Norm got his amateur certification in 1934 at the age of sixteen. Two years later he had his first radio operators job on Anticosti Island for a lumber company. Next came three years in northern Quebec for a bush flying company.

At the start of the war, Norm went to Malton and worked for #1 Air Training School on radio installation and maintenance. He studied at The Radio College of Canada to obtain his commercial licence. Next came a job at Rimouske for C.P. Airlines. Among the calls he used were VE2JN, VE3BTT, VE1BO and VE3DTJ.

In 1959 he came to Hamilton and joined our club where he is best known for his participation in the club meetings, flea market and Field Day. It will not be the same this year without the "gentle gentleman".