

THE HAMILTON AMATEUR NOVEMBER 1988

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 Met is held on VE3NCF every Tuesday at 8:00 pm except during July & August.

(Established 1932)

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

**CLUB MEETING:
NOVEMBER 16th
"RUNAWAY BAY
JAMAICA"
Gordon Murray
VE3JSJ**

CLUB OFFICERS AND COMMITTEE MEMBERS FOR 1988

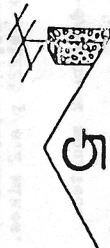
PRESIDENT	Everett Englett	VE3OOX	576-2458
PAST-PRESIDENT	Gordon Barbe	VE3AAH	363-9161
1st VICE-PRESIDENT	Dave Rypma	VE3HTC	609-3014
2nd VICE-PRESIDENT	Jim Walsh	VE3SON	609-6839
SECRETARY	Wayne Staat	VE3LWD	561-2283
TREASURER	Paul Hazen	VE3NYC	664-5247
MEMBERSHIP	Gordon E. Murray	VE3JSJ	575-3647
AWARDS & CONTESTS	Bernie Granby	VE3EKY	527-7175
HISTORIAN	George Olanick	VE3BLG	363-7338
PROPERTY	Bill McCaslin	VE3ARX	634-5190
BULLETIN EDITOR	Jim Walsh & Gordon E. Murray	VE3SON	609-6839
EDUCATION	Glen Gibson	VE3JSJ	575-3647
EMERGENCY-SERVICES	Gordon E. Murray	VE3FHQ	365-2786
FLEA MARKET	Paul Hazen	VE3JSJ	575-3647
HEALTH & WELFARE	Kurt Vogel	VE3NYC	664-5247
PROGRAMS	Paul Hazen	VE3PUI	369-8246
PUBLIC-SERVICE	Fred Robinson	VE3NYC	664-5247
PUBLICITY	Fred Robinson	VE3GCP	575-5197
REFRESHMENTS	Volunteers needed!	VE3GCP	575-5197
REPEATER	Glenn Simpson	VE3DSP	365-8478
SWAP NET CONTROL	Ralph Tufts	VE3BYM	366-6146
TECHNICAL	Mark Gibson	VE3MWH	369-4308
TECHNICAL	Paul Fleck	VE3HTF	
VE3DC LICENCEE	Glenn Gibson	VE3FHQ	365-2786
VE3NCF LICENCEE	Glenn Simpson	VE3DSP	365-8478
VE3RCB LICENCEE	John Kassay	VE3FDK	365-0422

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THE YORK REGION AMATEUR RADIO CLUB PRESENTS THE 12TH ANNUAL

NEWMARKET HAMFEST

Saturday November 5th, 1988

HURON HEIGHTS SECONDARY SCHOOL NEWMARKET, ONTARIO

ADMISSION: \$4.00 PER PERSON

DOORS OPEN TO THE GENERAL PUBLIC AT 9:00 AM.

TALK-IN ON VE3YRC 147.225+

EMERGENCY COMMUNICATIONS - JAMAICA.

The Problem:

Following the devastation caused by hurricane Gilbert, telecommunication, water supply and electrical utilities on the island were severely disrupted. This made coordination of relief supplies and assessment of requirements extremely difficult.

The Solution:

On September 16th, two members of the Hamilton Amateur Radio Club, Gordon Murray (VE3JSJ) and Jim Thomas (VE3FBU) set up a temporary High Frequency (short-wave) two-way radio station in the Jamaican consulate in Toronto. The following day they flew to Jamaica to set up an HF station in the Jamaica Jamaica hotel at Runaway Bay on the north shore of Jamaica.

The Operation:

For the next seven days Jim Thomas's task was to travel as much as possible around the north shore, assessing damage and supply requirements on behalf of Kiwanis International and other relief agencies while Gordon Murray (VE3JSJ) operating as VE3FBU/615 provided a link between the Jamaican consulate in Toronto and relief agencies on the island. The radio station in Jamaica was manned for 20 hours per day for seven days. Coordination among amateur radio operators in Canada was excellent, thanks to Gord Fraser VE3HSF (Coordinator of Emergency Communications for Metro-Red-Cross) who arranged for operators to man the HF and VHF stations at the consulate, and maintained a schedule of operators in the Metro Toronto and Hamilton/Burlington areas so that Gordon and Jim were never without direct links back to the Jamaican consulate in Toronto, and to Radio Operators throughout North America, the Caribbean, Europe and Australia who handled numerous health and welfare enquiries to and from Jamaica.

There were six other Amateur Radio stations on the island, two were in Kingston (south shore), in Mandeville and Linstead (near the centre of the island), Montego Bay (north west) and Sandy Bay (west). In conjunction with the Jamaica

THE TEN COMMANDMENTS OF ELECTRONICS

1. Beware of the lightning that lurketh in an undischarged capacitor lest it bounce thee upon thy buttocks in a most ungentlemanly manner.
2. Cause thou the switch that supplieth large quantities of juice to be opened, and thusly tagged, so thy days may be long in this earthly vale of tears.
3. Prove to thyself that all circuits that radiate & upon which thou workest are grounded lest they raise thee up to high frequency potential & cause thee to radiate also.
4. Take care that thou use the proper method when thou takest the measure of high-voltage circuits so that thou dost not incinerate both thyself & the meter for, verily, though thou hast no account number & can be easily replaced, the meter has one & as a consequence bringeth much woe to the Supply Dept.
5. Tarry thou not amongst those who deal in intentional shocks for they are surely unbelievers & not long for this world.
6. Take care that thou tamperest not with interlocks & safety devices for this will incur the wrath of thy seniors and bringeth the fury of the safety officer down upon thy head.
7. Work thou not upon energized equipment for, if thou dost, thy buddies will surely be buying beers for thy widow & consoling her in other ways not acceptable to thee.
8. Verily, verily, I say unto you, never service high-voltage equipment alone for electric cooking is a slothful process & thou mightest sizzle in thine own fat for hours on end before thy Maker seeth fit to end thy misery & drag thee into His fold.
9. Trifle thou not with radioactive tubes & substances lest thou commence to glow in the dark like unto a lightning bug & thy wife be frustrated nightly & have no further use for thee, except thy wage.
10. Commit thou to memory the works of the prophets which are written in the book of instructions as this is the straight dope and shall console thee so thou canst not make mistakes.

As published by The British Directorate of Telecommunications.

Tnx to VE3KK
London Club Bulletin

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The Toronto FM Society has a net called the Astro net. It meets Tuesday evenings from 10.00 to 11.00 pm. on VE3RPT to discuss astronomy and related subjects.

Travellers on 401 west will find that the London repeater is now VE3LON. It has a new location at Arva.

Defence Forces, these stations provided reliable intra-island communications in the week following the hurricane.

Problems encountered:

The problems encountered in providing emergency and relief communications in a large devastated area in a less developed country are quite different from those encountered in a more localised disaster in North America (such as the Barrie or Edmonton tornadoes). Imagine an area slightly smaller than south western Ontario, but mountainous. All hydro is out, phone service almost non-existent. You have seven radio stations to provide emergency and health and welfare communications, and communications must be made using HF equipment, which is more power hungry and heavier than VHF (handheld) equipment. Registration of casualties is not as well organized as in North America. Health and Welfare enquiries were almost impossible to deliver - we hadn't the manpower, vehicles or time to make door-to-door enquiries.

Back home, we also encountered problems. The Radio Station set up in the Red-Cross building in Hamilton lacked a telephone connection (now remedied). It is adequately equipped for handling communications on VHF. While most emergencies in this area could probably be handled using VHF equipment, we would be unable to provide communications to a more distant disaster area - such as Northern Ontario - from these premises. If (worst case scenario) trunk lines into Hamilton were down, we could still communicate with Metro Toronto using VHF, but would be unable to communicate with other HF Amateur, Civil or Military stations.

Last week, the Executive committee of the Hamilton Amateur Radio Club passed a motion authorizing our Treasurer, Paul Hazen VE3NYC, to try to raise funds in the region of \$5,000 to provide a first-class communications facility in this building.

ELECTIONS

The following members have agreed to stand for election to the Board of Directors for H.A.R.C. for 1989.

- Mike Spornak VE3JTG
- Gordon Murray VE3JSJ
- Robert Clarke VE3ANW
- Paul Fleck VE3HFP
- Jim Walsh VE3SON
- Dave Rypma VE3HTC
- Ralph Tufts VE3BYM

Further nominations may be made at the election meeting, Nov 16. At that time elections will take place. Additional nominees must be present or written agreement to run must be presented. Only paid up members for 1988 may be nominated or may vote. A short resume of the nominees will be given at the meeting.

Fred Robinson VE3GCP
Chairman, Nominating Committee.

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An important item of business will be the proposed increase in annual dues. The attached report on income and expenses is the basis for the proposal.

20-7-25

The 1988 H.A.R.C. Christmas party will be at the Eastmount Community Centre again this year. This is a family party with food, entertainment and fellowship organized by Glen VE3PHQ, Fred VE3GCP, and Ev VE3OQX and treats for the kiddies. The Centre is located at East 26th Street on Mount Hamilton, off of Brucedale Ave, East. Thursday Dec. 8 has been reserved for the party starting at 7.30 pm.

Since this is a City owned property, alcohol will not be served and smoking is prohibited by Bylaw.

In past years this party has been very popular with extremely good attendance so we hope you can join us this year. More details will be available at the Nov. 16 meeting.

Fred Robinson VE3GCP

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LOST: Bulletins to VE3FTD, Glenn Taylor have been returned, moved, address unknown. Does anyone know his new QTH?

Gordon VE3JSJ is working on a H.A.R.C. Bulletin board. How much interest is there among club members? Give him a call.

H.A.R.C. MEMBERSHIP CALL-SIGNS & AUTODIALS October 1988.

VE3AAH	Joe	16	VE3GKP	Harv	28
VE3ACA	Gordon		VE3OIV	Max	61
VE3AHB	Jerry		VE3OIX	Lea	24
VE3ANW	Irwin	34	VE3OOG	William	50
VE3ARX	Robert	40	VE3OOM	Fiore	17
VE3BKQ	William	45	VE3OOX	Bob	83
VE3BKG	Norm	38	VE3OOZ	Al	14
VE3BLG	Edison	69	VE3OZG	Wade	53
VE3BLI	George		VE3OZJ	Hugh	94
VE3BO	George	22	VE3PNO	Garry	85
VE3BOJ	John	29	VE3PUI	Kurt	35
VE3BYM	Ralph	100	VE3RNR	Dave	37
VE3CIB	Bob	90	VE3RS	Bob	169
VE3CIG	James	18	VE3RW	John	44
VE3CJY	John	107	VE3SAE	Stephen	68
VE3CKH	Robert	19	VE3SBC	Christine	91
VE3CNF	Jean	67	VE3SCH	Konrad	10
VE3DHI	John	86	VE3SCL	Christine	54
VE3DKJ	Robert	46	VE3SJM	Nick	65
VE3DMD	Keith	57	VE3SMF	Stuart	101
VE3DPC	Doug	31	VE3SON	Jim	189
VE3DPP	Peter	59	VE3SRK	Richard	27
VE3DOU	Frank	103	VE3TED	Edward	11
VE3DVP	Alex	39	VE3TOW	Don	
VE3DVS	Glen	61	VE3WAG	John	
VE3EGL	John	71	VE3WHB	Bill	
VE3EGL	Ken	70	VE3YI	Brian	
VE3EGT	Leslie	49	VE3ZF	Ed	
VE3EHJ	Dave	55			
VE3EHL	Doug	106			
VE3EKL	Ed	48			
VE3EYK	Bernard	73			
VE3ER	Frank	41			
VE3EXR	Sid	175			
VE3FBU	James				
VE3FBX	John				
VE3FDK	John				
VE3FEZ	Peter				
VE3FHB	Ken				
VE3FHQ	Glenn				
VE3FMG	Michael				
VE3FMS	Jack				
VE3FMT	Jim				
VE3FTD	Glenn				
VE3FYQ	Ward				
VE3FYT	Julius				
VE3FZR	Lew				
VE3GCP	Fred				
VE3GEO	Don				
VE3GFE	Stan				
VE3GKI	Charles				
VE3GPK	Harv				
VE3GVE	Chris				
VE3HKK	Doug				
VE3HLI	Gerald				
VE3HMB	Harvey				
VE3HNG	Allen				
VE3HJO	Joe				
VE3HTC	Dave				
VE3HTD	Henry				
VE3HTF	Paul				
VE3ISX	Barry				
VE3IUD	Fred				
VE3JL	Dave				
VE3JJC	Gordon				
VE3JTR	Harold				
VE3JTC	Michael				
VE3JTG	Jack				
VE3JTR	Tom				
VE3JUC	Ralph				
VE3KTC	Ralph				
VE3KTY	Spiro				
VE3KTV	Bob				
VE3LMS	Grant				
VE3LOI	Louise				
VE3LWD	Wayne				
VE3MIL	Norm				
VE3MHF	Ken				
VE3MMH	Bob				
VE3MST	Tony				
VE3MVO	Cecil				
VE3MWD	Serafino				
VE3MWH	Roland				
VE3MWH	Mark				
VE3NCG	David				
VE3NCK	Bill				
VE3NCK	Bill				
VE3NCK	Kenneth				
VE3NCS	Mike				
VE3NCW	Edgar				
VE3NKW	John				
VE3NYC	Paul				
VE3NYM	Don				
VE3NYN	Mike				
VE3NYU	David				
VE3NYU	Renzo				
VE3NYU	Robert				
VE3OCD	Joseph				
VE3OCC	Bob				
VE3OCT	Doug				
VE3OCW	Ted				
VE3OCY	Donald				
VE3OIC	Bill				
VE3OII	Philip				
VE3OIN	Ken				
VE3OIV	Max				
VE3OIX	Lea				
VE3OOG	William				
VE3OOM	Fiore				
VE3OOX	Bob				
VE3OOZ	Al				
VE3OZG	Wade				
VE3OZJ	Hugh				
VE3PNO	Garry				
VE3PUI	Kurt				
VE3RNR	Dave				
VE3RS	Bob				
VE3RW	John				
VE3SAE	Stephen				
VE3SBC	Christine				
VE3SCH	Konrad				
VE3SCL	Christine				
VE3SJM	Nick				
VE3SMF	Stuart				
VE3SON	Jim				
VE3SRK	Richard				
VE3TED	Edward				
VE3TOW	Don				
VE3WAG	John				
VE3WHB	Bill				
VE3YI	Brian				
VE3ZF	Ed				
VE3GPK	Harv				
VE3GVE	Chris				
VE3HKK	Doug				
VE3HLI	Gerald				
VE3HMB	Harvey				
VE3HNG	Allen				
VE3HJO	Joe				
VE3HTC	Dave				
VE3HTD	Henry				
VE3HTF	Paul				
VE3ISX	Barry				
VE3IUD	Fred				
VE3JL	Dave				
VE3JJC	Gordon				
VE3JTR	Harold				
VE3JTC	Michael				
VE3JTG	Jack				
VE3JTR	Tom				
VE3JUC	Ralph				
VE3KTC	Ralph				
VE3KTY	Spiro				
VE3KTV	Bob				
VE3LMS	Grant				
VE3LOI	Louise				
VE3LWD	Wayne				
VE3MIL	Norm				
VE3MHF	Ken				
VE3MMH	Bob				
VE3MST	Tony				
VE3MVO	Cecil				
VE3MWD	Serafino				
VE3MWH	Roland				
VE3MWH	Mark				
VE3NCG	David				
VE3NCK	Bill				
VE3NCK	Bill				
VE3NCK	Kenneth				
VE3NCS	Mike				
VE3NCW	Edgar				
VE3NKW	John				
VE3NYC	Paul				
VE3NYM	Don				
VE3NYN	Mike				
VE3NYU	David				
VE3NYU	Renzo				
VE3NYU	Robert				
VE3OCD	Joseph				
VE3OCC	Bob				
VE3OCT	Doug				
VE3OCW	Ted				
VE3OCY	Donald				
VE3OIC	Bill				
VE3OII	Philip				

JOHN R. CARD, M.D.C.M., F.R.C.P.(C)
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 HAMILTON, ONTARIO L9A 4P6
 PHONE 416-575-3218

Jim Walsh VE3SON
 Bulletin Editor
 Hamilton Amateur Radio Club
 Box 253
 Hamilton, Ontario
 L8N 3C8

Oct. 27/88

Dear Jim:

Some months ago at the request of Mr. Stan Ribee, District Manager of Communications Canada, I set up a team of 3 Advanced Amateur Radio Operators to conduct C.W. Tests for the Department. The team members are Bob Wilson VE3CIB, Norm Smith VE3BK and James Flintoff VE3BFF.


The Department is now considering the possibility of allowing approved examiners to conduct the written examination as well as the C.W. examination. This will depend on the results of trials being conducted in several other areas and could eventually be extended to our examiners.

I am therefore requesting that in the future each HARC Bulletin contain a notice that C.W. tests can now be carried out by the above team. This should read as follows:

Communications Canada has authorized a team of Advanced Amateur Radio Operators to conduct Amateur and Advanced Amateur C.W. tests for the Department. Those wishing to avail themselves of this privilege should contact either Bob Wilson VE3CIB (Phone 383-2054) or Norman Smith VE3BK (Phone 385-5661).

Thanking you for your cooperation in this matter.

Yours truly,



John Card VE3RW, Coordinator

cc

Gordon Murray VE3JSJ
 Bob Wilson VE3CIB
 Stan Ribee, District Manager, Hamilton District Office, Communications Canada
 Boris Auguste VE3IYY Class Instructor
 Julius Csatory VE3FYY Class Instructor

H.A.R.C. AUTODIAL CODES October 1988.

VE3SRK	Richard	10	VE3ER	Frank	61
VE3ZF	Ed	11	VE3IUD	Jack	62
VE3NKW	John	13	VE3JTC	Harold	63
VE3ZG	Hugh	14	VE3DVV	John	64
VE3AAH	Gordon	16	VE3TOW	Don	65
VE3OXX	Everet	17	VE3HNG	Allen	66
VE3CJW	Robert	18	VE3DOU	Peter	67
VE3DKJ	Keith	19	VE3SJJ	Nick	68
VE3JUC	Tom	21	VE3BLG	George	69
VE3BOY	John	22	VE3FDK	John	70
VE3NCK	Bill	23	VE3FBU	James	71
VE3OIZ	William	24	VE3MMH	Bob	72
VE3OCD	Joseph	25	VE3GCP	Fred	73
VE3OCW	Ted	26	VE3USJ	Gordon	74
VE3YI	Brian	27	VE3OCY	Donald	75
VE3OIN	Ken	28	VE3LWD	Wayne	76
VE3BYM	Ralph	29	VE3JTR	Jack	77
VE3OCO	Bob	30	VE3JTO	Michael	78
VE3EST	Leslie	31	VE3HTF	Paul	79
VE3NYU	David	32	VE3OJW	Max	81
VE3MWH	Mark	33	VE3PNG	Garry	84
VE3ANW	Robert	34	VE3SON	Jim	82
VE3RNR	Dave	35	VE3OZE	Wade	83
VE3OII	Philip	36	VE3KTV	Spiro	84
VE3RW	John	37	VE3PUI	Kurt	85
VE3BKQ	Edison	38	VE3DPC	Frank	86
VE3EY	Bernard	39	VE3NCG	David	87
VE3ARX	William	40	VE3HMB	Harvey	88
VE3GFE	Stan	41	VE3CIY	John	90
VE3NYC	Paul	42	VE3SMF	Stuart	91
VE3SCH	Konrad	44	VE3FSQ	Charles	92
VE3BK	Norm	45	VE3MST	Tony	96
VE3DSP	Glenn	46	VE3LMS	Grant	97
VE3FHB	Ken	47	VE3HOX	Joe	98
VE3FMT	Jim	48	VE3NCS	Mike	99
VE3FEZ	Peter	49	VE3CIB	Bob	100
VE3OOG	Flore	50	VE3WAG	John	101
VE3OCT	Doug	51	VE3EHL	Ed	103
VE3FHQ	Glenn	52	VE3EXR	Sid	104
VE3OZY	Rick	53	VE3MWD	Serafino	105
VE3TED	Edward	54	VE3FMS	Jack	106
VE3FMC	Michael	55	VE3CNF	John	107
VE3HTC	Dave	56	VE3MNG	Roland	147
VE3EGL	Ken	57	VE3WHB	Bill	169
VE3HLJ	Gerald	58	VE3SCB	Christine	169
VE3EHJ	Dave	59	VE3GKI	Charles	175

H.A.R.C. Statistics - September 1968.

Total Membership 151 (146 full members + 6 family memberships).

	HF	VHF
Base	49% (66)	32% (43)
Mobile	7% (9)	37% (50)
Portable	8% (11)	25% (33)
Packet	4% (6)	10% (13)
CW	39% (52)	NA
RTTY	10% (13)	NA

0-0-0-0-0-0-0-0-0-0

UNAUDITED H.A.R.C. EXPENSES FOR 1968

Miscellaneous: Books, Video tapes, Dick Smith's equipment	\$268.29
CNE	\$50.00
Red Cross	\$222.00
Awards	\$20.83
Phone Bill	\$113.29
Postage: (excluding bulletin)	\$34.75
Repeater: Rent, Filters, Maintenance,	\$683.65
Sponsorship:	\$77.00
Insurance: Repeater, Flea Market & Red Cross	\$361.00
Field Day	\$160.00
Coffee & Donuts	\$164.40
Bulletin	\$1,598.02
Guest Speakers	\$110.00
Estimated expenditure Nov - Dec 88	\$946
Bulletins	\$320
Christmas Party	\$150
Miscellaneous	\$50
Repeater link board	\$400
Total expenses	\$4,808.23
Income from membership for 1968 @ \$20.00	\$2,920.00

Assuming an annual inflation rate of 6%, our expenditure for 1969 will be \$5,097.54. Since our projected income from membership will be \$2,826.00 (at current membership levels), the deficit to be made up from this year's Flea Market is in the order of \$2,000. Thus if our expenses for 1969 do not increase above the current levels, we will just about break-even. However, any decrease in Flea Market income, or a drop in Membership could have serious financial consequences (dire straights). A \$5.00 increase in membership would only provide an additional \$700.

To further expand the Flea Market at its present location, we can not justify doubling our rent. Another location might provide us with more floor space at a cheaper rate.

Therefore we can not budget for any emergency expenses or expand our budget for teaching, sponsorship, publicity etc.

TECH TOPICS

From The London Club Bulletin

A SIMPLE TWO METRE VERTICAL

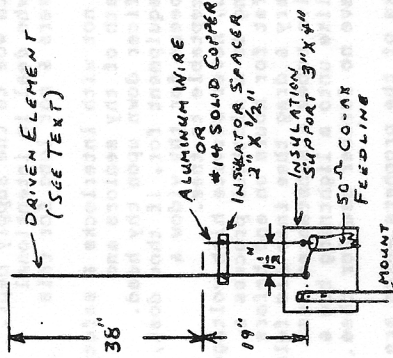
If you are looking for a small, lightweight two metre antenna which is easy to mount at your apartment (indoors or on a railing) or home read on. This could be your answer. I have used this antenna for several years with excellent results. It has very little weight and is clamped to the venting stack from the bathroom sink with large hose clamps. The height above ground is only about twelve feet but there is no problem hitting the Guelph repeater with the 2 watts of OTH near the Sterling Ave. water pumping station).

The insulator used is perspex and a two foot length of aluminum tubing is used for mounting. Wood or copper water pipe would be just as good for mounting purposes.

The driven element used here is an old antenna for a car radio. It has three sections which made it easy to adjust to resonance although this was not found to be a critical adjustment. Solid aluminum ground wire would make a good driven element. SLIGHTLY flatten the wire at the points where the insulating spacers are to be mounted - just enough to permit drilling holes to take the smallest bolts that you can buy from your favorite hardware store. The plastic from printed circuit board will do nicely for the insulator as there is so little weight involved.

The top 38 inches of the driven element looks like a 1/2 wave endfed Zepp antenna with the 19 inch bottom section acting as a 1/4 wave open wire line to match the antenna to the 50 ohm co-ax. The antenna has about the same gain as a 5/8 wave antenna but it doesn't need a ground.

The drawing should be adequate for construction details but if you have any questions about this project just call. VE3JNU



Promised revisions to the Radio Communications Act will enable Communications Canada to compile and make available a register of all radio licenses and related technical information.

The Swap Shop by Ralph VE3BYM



PRESIDENT'S MESSAGE

Many thanks to all who participated in the Flea Market market and made it a success again this year. Thanks also to all who have spent many hours of their time at the Red Cross station. Over the years their efforts have laid a foundation for the successful operation of an emergency station during the Jamaican hurricane crisis. Most of all it showed the Red Cross that we do have the people with the skills necessary to efficiently run an emergency communications operation, and others with the enthusiasm to support them. I am sure because of the united effort by the members of our club that the Red Cross has realised the potential of our emergency station.

73 Everett VE300X

FROM THE CRRL BULLETINS

The Radio Society of Ontario (RSO) has decided to disband. In announcing the decision, which followed a special meeting held in Thornhill, Ontario on October 15, RSO officials noted that many former RSO people were responsible for the creation of CRRL and CARF, Canada's two national Amateur Radio organizations, and that CRRL and CARF were serving Ontario amateurs well. The decision will now be referred to RSO's solicitor who will handle the legal aspects of the disbanding and the distribution of RSO's assets. These include the Clifford Marsh Amateur of the Year award which will be turned over to CARF, and the Keith Russel and Rusty Brennan Field Day awards which will be turned over to CRRL. CRRL will also sponsor the RSO Ontario Amateur Radio Service (ONTARS) Net.

An update on the Jack Ravenscroft case: A payment of \$7500 in trust was recently made to the solicitor for the plaintiffs in the case. The remaining \$4800 will be paid when the last two appliances have been RTI-suppressed and a legal release is signed. At press time, only one appliance, a "ghetto blaster" remained susceptible to Jack's transmissions. Also at press time, it was learned that Jack was in hospital. Get well notes may be sent to Jack's home address, 34 Binscarth Crescent, Kanata, Ontario K2L 1S1.

VE3ISZ Fred 827-6824 Oakville.
IC451A. 70 cm Almode, mint condx. Mike and manual. \$ 475.00
FT208R. Handi talkie, c/w spkr mike, charger, fast ch 200.00
VE3SUL Nick 1-416-338-5805. Oakville.
Alm/203T (Allinco) 2 mtr. fm handheld, brandnew. 325.00
TS9130 (Kenwood) 2m almode 25W, mobile mount, mint. 450.00
Kenwood TS811A Base almode mike & manual. 1200.00
Kenwood 940 c/w built-in ant. tuner, 940 spkr. filter 2000.00
Ten Tech Argosy 525, 80-10 M., Model 225 p/s. 2 mikes. 500.00

VE3EHL Lee 528-3222 Hamilton.
RM-31 Scope, dual channel, a/c-d/c. rack mounted. 100.00
VE3FJK Earl 1-519-426-5424 Simcoe.
TH3 Beam. 14' boom, 27' span, with EN 86 balun. 200.00

VE3WP Jeff 648-0230 Ancaster.
HG Gain TH6 DX. 6el. 3 band, with full pwr. Trade / neg. 340.00

SWL J. Rousseau 628-0548 Dundas. Pair of 4CX150A tubes. 25.00
VE3BYM Ralph 388-6146 Hamilton. RCA 826 tube and ceramic skt. 5.00

W A N T S

VE3NKO Rick 1-519-759-1952 Brantford. 4-D50A or 6BE5 tubes.

VE3FDJ Frank 383-9454 Hamilton. 2m. 5/8 meg. mount.

SWL John 545-9666 Hamilton. Yaesu FRG-7 rcvr.

VE3LSZ Fred 827-6824 Oakville. Plugin unit #8558B for Hewlett-Packard
VE3MWH Mark 389-4308. CDE rotor gear box. oscilloscope.

VE3BYM Ralph 388-6146 Hamilton. ATW or sloscan eqpt.

Kenwood AT-230 antenna tuner, C.W. hand key.