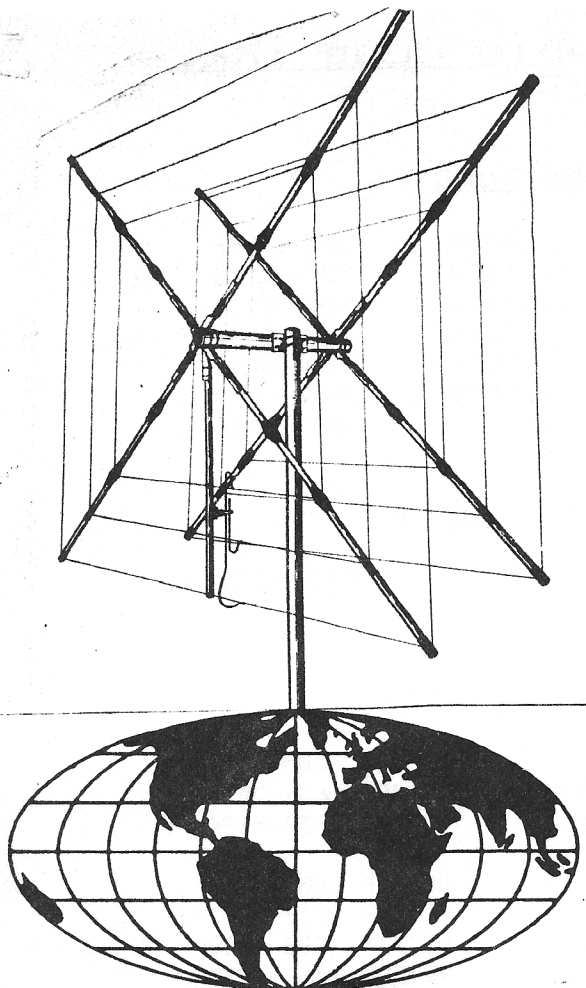


May 1986



THE HAMILTON AMATEUR

HAMILTON AMATEUR RADIO CLUB INC.
P.O. BOX 253
HAMILTON, ONTARIO
L8N 3C8

HAMILTON, ONTARIO
MAY 20 1986



We need ur support on June 8
VE3OZY MB612
Rick Danby
6 Clinton Street
Hamilton, ON L8L 3J8

The HAMILTON AMATEUR RADIO CLUB Inc.
Established 1932

1986 OFFICERS & DIRECTORS

| | | | | |
|--------------------------------|---|----------------|--------|----------|
| PRESIDENT | : | GLENN GIBSON | VE3FHQ | 385-2786 |
| PAST PRESIDENT | : | FRED SPRING | VE3ITQ | 627-3375 |
| 1 ND VICE-PRESIDENT | : | BORIS AUGUSTE | VE3ITY | 388-6200 |
| 2 ST VICE-PRESIDENT | : | ROBERT WILSON | VE3CIB | 383-2054 |
| SECRETARY | : | EVERET ENGLERT | VE3OQX | 578-2458 |
| TREASURER | : | GORDON BARBER | VE3AAH | 383-9161 |
| MEMBERSHIP DIRECTOR: | : | MICHAEL SPENUK | VE3JTG | 389-1760 |

THE HAMILTON AMATEUR

EDITOR : PHILIP KING VE3OII 545-9232
(your contributions are always welcome)

COMMITTEE CHAIRMEN & ASSOCIATES

| | | | | |
|--------------------|---|-----------------|--------|----------|
| AWARDS & CONTESTS | : | NORMAN SMITH | VE3BK | 385-5661 |
| CLUB HISTORIAN | : | ED CHARLESWORTH | VE3ZF | 634-2520 |
| CLUB PROPERTY | : | BILL McCASLIN | VE3ARX | 634-5190 |
| EDUCATION | : | | | |
| EMERGENCY SERVICES | : | JACK HEYWOOD | VE3JTR | 689-4406 |
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| PUBLIC SERVICE | : | FIORE MANGA | VE3OQG | 560-6329 |
| PUBLICITY | : | | | |
| REFRESHMENTS | : | TED HARRON | VE3OCW | 385-3025 |
| REPEATER | : | GLENN SIMPSON | VE3DSP | 385-8478 |
| SWAP NET CONTROL | : | RALPH TUFTS | VE3BYM | 388-6146 |
| TECHNICAL | : | MARK GIBSON | VE3MWH | 389-4308 |
| VE3DC LICENCEE | : | GLENN GIBSON | VE3FHQ | 385-2786 |
| VE3NCF LICENCEE | : | ED CHARLESWORTH | VE3ZF | 634-2520 |
| VE3RCB LICENCEE | : | JOHN KASSAY | VE3FDK | 385-0422 |

The Hamilton Amateur Radio Club meets on the 3RD Wednesday of each month excluding July and August at the Nash Auditorium, Chedoke Hospital in Hamilton. The meetings commence at 8:00 PM. Non-members & friends are always welcome. There's plenty of parking available.

Membership fees are currently \$20.00 per annum with a common renewal date of January 1ST. The fee includes the bulletin (10 monthly issues). Family memberships are also available at \$1.00 each additional.

VE3NCF 2M Repeater is operated by the HARC. The Repeater is located on top of the escarpment at Hamilton. It is available for use by any amateur within range. Input 146.160MHz and Output 146.760MHz.

A Swap-Net is held on VE3NCF Tuesdays at 8:00 PM.

Correspondence: All other correspondence should be addressed to:
The Secretary, Hamilton Amateur Radio Club, P.O. Box 253, Hamilton, Ontario. L8N 3C8.

MAY 1986 MEETING
THE HAMILTON AMATEUR RADIO CLUB

DATE: Wednesday, May 21, 1986
TIME: 8 o'clock P.M.
PLACE: Nash Auditorium, Chedoke Hospital
SPEAKER: Undecided at press time
TOPIC: Undecided at press time

THE PRESIDENT'S MESSAGE

At the April meeting we had a fairly good turnout, considering the weather and the competition from the playoffs. Of late there seems to be some interest in preparations for a transmitter hunt, friendly or otherwise. Some of those who were out had a look at the D/F loop which I brought to the meeting. It was the one I used in 1978 at which time we had great fun chasing down the hidden transmitter. The exercise usually started at Chedoke Hospital parking lot, where we would plot our first bearing on the map. Some mobiles worked in pairs, some by themselves. I usually worked by myself.

On one occasion the hidden transmitter was under a bridge above Dundas, where you drive up Sydenham Road. It was a tough one, with all the queer reflections from the hill, steel bridge etc. On another occasion the hidden transmitter was near the big "globe" at the city dump. Lots of good laughs that day as the stragglers and loners eventually drove into view of the rest of the gang, who had already found the hidden site.

For persons wishing to prepare for transmitter hunts with something more sophisticated, VE3MWH brought to my attention an article in the May, 1978, QST (page 24) entitled "A DopplerScAnt", which has 8 quarter wave whips mounted in a circle and several ICs on board, in the center of the circle. Perhaps some of you solid state builders will want to have a go or possibly we could have a team effort in building this unit up for mobile scanner device.

Please call VE3ANW Robert at 522-2857 if you are planning on joining in the HARC Field Day activities. If you cannot reach Robert, please call Fred, VE3BCP, who is also assisting in planning the event at 527-8797.

Regarding upcoming meetings, we need someone to handle the refreshments for May and June meetings. This is an important part of our get-together and a good chance to meet the other members. It would be appreciated if you would give me or VE3ARX Bill a call,

indicating you would assist. Bill's number is 634-5190 and my number is 385-2786. It would be unfortunate to be obliged to drop the coffee break.

All going well, we hope VE3NCF will be able to join the 450MHz link system if programming can be completed by the middle of May. When the link-up is ready for reciprocal operation, we will publish the codes for members in the following Bulletin.

Small update re mailbox/autodial members - Bill VE3ARX is #40 and VE3BYN Ralph is #29.

Perhaps at the May general meeting VE3OCY Don will be able to join us and show us the power supply he just completed for VE3NCF repeater site.

I'm glad to report that VE3NKG John has taken on the job of Flea Market Committee Chairman for our Fourth Annual Flea Market. Your co-operation in assisting the Committee will be appreciated to make the day a success.

Hope to see as many as possible at the next general meeting on May 21, 1986, at 8:00 P.M. Nash Auditorium, Chedoke Hospital Complex.

Glenn, VE3FHQ

FIELD DAY '86

This year we would like to see stations operating on all bands with both phone and CW. This, of course includes the new bands. The CW bands are especially difficult to fill. If you are active in the CW area or even if you are rusty but are willing to get back into the swing, be sure to contact Robert VE3ANW. His number is 522-2857 or speak to him at the next meeting if you can help out. Lots of operators will be needed, and non-hams will be made welcome for logging etc. Les VE3EOT will be Band Captain for 80 meter phone and Don VE3OCY will be handling 2 meters again this year. Anyone who is willing to make equipment available for the event should also contact Robert.

H.A.R.C. FLEAMARKET

We understand John VE3NKG has gotten off to an early start on this year's fleamarket in October. He has been busy setting up the committee which will be working hard behind the scenes to make the event successful.

EDITORIAL

Sorry - no replies to last month's editorial.

This is my third edition of the club newspaper. Things are going reasonably well at the editors desk and I think I have been doing a reasonable job for a rookie. Many thanks to Mike VE3JTO who faithfully publishes your newspaper every month and Glenn VE3FHO who always has his column ready well ahead of the deadline. Boris VE3ITY has organized some advertisers for us. When in need of a service, please give consideration to these people, as the revenue has made it possible to expand your newspaper to 14 pages.



I would like to add a personal touch and some warmth to your paper. In order to do this, I need some original articles on personal experiences by our members. These may include a description of any operating while in other countries or even a comparison of the operating etiquette and procedures. How about some stories of humour connected with ham radio? Your experiences are just as interesting today, even if they happened a number of years ago. Maybe you are connected with a group who enjoys DX, ATV, VHFSSB, TTY, Contests, Packet, Satellite, Moonbounce, etc. Put an article together which is not too technical and tell us about it. Describe what equipment is needed, how much it costs, how you got involved, what you are doing presently, and your plans for the future.



How about an article or two written by YLs? Let us know of some experiences, humorous or otherwise, while living with a ham. Now is your chance to sound off with either bouquets or baseball bats. Next month, every YL, ham or non-ham who writes an article will have her name listed under this distinguished symbol of excellence. Should no articles be received, this picture of beauty will disappear forever from the pages of the Hamilton Amateur.

I know we have some interesting people out there who have done some interesting things and we would love to hear about them. A "people" column would add the needed warmth to your monthly newspaper. Give me a call at 545-9232

73 Phil VE3OII

NEWS & EVENTS

As reported in last month's news, the D.O.C. is now allowing "attestation" for those trying for the CW portion of the amateur exam. This is where 3 advanced amateurs or holders of professional radio telegraph tickets may conduct morse code sending and receiving examinations on behalf of the Department of Communications. The exam will be held generally under the same rules as if the D.O.C. were conducting it except no remuneration is allowed.

The 3 examiners must sign the form attesting to the candidates ability to send and receive code at the proper speed.

The Hamilton Amateur Radio Club is considering setting up a committee of examiners, depending on the interest shown. If you possess the qualifications and would like to serve on such a committee, contact a member of the executive. For additional information contact Philip VE3OII at 545-9232. Thanks to Stan VE3GFE I have a copy of the examination guide from the D.O.C.

The Honourable Marcel Masse, Minister of Communications, has replied to a letter from Mrs. Houghtby (the plaintiff who brought the civil suit against Jack Ravenscroft) which requested him to revoke the radio licence of Ravenscroft. Rather than complying, Mr Masse encouraged Mrs Houghtby to participate in further tests as previous tests had eliminated problems with the furnace, and reduced interference to the organ by 75%. Rather than do this, Mrs. Houghtby elected to seek a legal solution before the courts. And won! The complete letter is in the May 1986 issue of TCA.

In what must rank as one of the most flagrant miscarriages of justice in the history of Canadian jurisprudence, the judge hearing a suit against Jack Ravenscroft, VE3SR, seeking damages for interference to a neighbours electrical appliances from his amateur radio operations has decided the case in favour of the plaintiffs, and against Ravenscroft.

The judge granted a permanent injunction prohibiting VE3SR from transmitting radio signals from his property, and assessed damages and costs against the defendant.

The unexpected outcome of the suit is a severe blow to the amateurs of Canada, and poses a threat to the operators of any licenced radio transmitters in that country. For more information on the Ravenscroft case, see QST for October 1985, and February and March 1986.

ARRL Bulletin #21 April 9 1986

Jack Ravenscroft, after encouragement from amateurs near and far has decided to appeal the court's decision. To enable him to proceed, he will be depending on all hams to help finance a long and very expensive court case. Should Jack be not able to continue his appeal due to lack of funds, the present judgement will stand the way it is. This case will set the stage for any ham, who is taken to court for interference, even though his station has been proven "clean" by the

D.O.C. Unless the judgement is overturned in the appeal, Jack Ravenscroft will end up paying lawyers fees, as well as \$2500. to the plaintiff for loss of entertainment. In addition, his station will be permanently shut down.

To assist with the finances, send or bring your cheque made out to the JR defence fund, to: Hamilton Amateur Radio Club, P.O. Box 253, Hamilton Ont. L8N 3C8.
The club will forward donations to the fund or they can be mailed directly. The direct mailing address is: Box 8873, Ottawa Ont. K1G 3J2

C.A.R.F.'s liability insurance plan will not go into effect due to insufficient interest. Cheques already received will be refunded.

Last May 31st a tornado struck the Barrie Ont area. About 16:30 hrs. radio and TV communications were wiped out by the high winds. At 17:00 hrs the tornado struck in earnest.
The Barrie Amateur Radio Club were mobilized by 17:30 hrs. and manned shelters at 4 different locations as well as a base station. During the length of the disaster 8 other hams were mobile in Red Cross Vehicles, assisting in the distribution of food and other chores of welfare.
In total, 45 operators were on active duty with 15 more on standby, They logged a total of 1,560 man hours in 3 days.
The above information was taken from Red Cross information and to quote the Red Cross "Without the Radio Amateurs, things would not have worked."

-Jack VE3JTR

Mobiles and handhelds are still needed for the World Class Marathon to be held in Hamilton on Sunday June 8. The route is over 26 miles around the bay. To assist, call Fiori VE3006 at 560-6329 or Stan VE36FE at 528-4002 or Robert VE3ANW at 522-2857

For the Canada Day celebration at Gage Park, plans are in the works for a good display on amateur radio. Operators are needed to help out in making a good presentation for the public. Since many young people are usually in attendance at this type of event, teen assistance will be especially welcome, to relate to the younger visitors. Any teenagers, hams or non-hams who are willing to help out, contact Fiori VE3006 at 560-6329.

Keep these dates in mind as operators will be needed for these events:

Opening day at the C.N.E.

August 16 at the C.N.E. for Veteran's Day

August 26 at the C.N.E. for the CLARA net

This resolution is under consideration by the Ottawa Valley Mobile Radio Club

RESOLUTION RELATING TO INTERFERENCE WITH THE USE OF RADIO ARISING FROM THE SUSCEPTIBILITY OF CONSUMER ELECTRONIC EQUIPMENT.

The Ottawa Valley Mobile Radio Club

Mindful of,

- 1) the continually increasing number of problems of interference arising from the susceptibility of consumer electronic equipment to licenced radio transmissions,
- 2) the increasing number of licensed radio stations and the rapidly increasing amount of consumer electronic equipment being used in Canada,
- 3) the fact that most retailers and practically all users are, as yet, unaware of the fact that much of the consumer electronic equipment that they purchase may experience interference at some time and are unaware of how to deal with it,

recalling that,

- 4) in 1977 the Department of Communications told manufacturers by means of Electromagnetic Compatibility Advisory Bulletin No. 1 (which was very widely circulated throughout industry) about radio field strengths in which consumer electronic equipment could be expected to operate,
- 5) engineering committee of the Radio Advisory Board of Canada and the Canadian Standards Association have been studying this matter for at least seven years now,
- 6) the means for reducing the susceptibility of consumer electronics equipment to radio fields have been well known since the early days of radio and that these means are not expensive when taken at the time of manufacture,

recognizing that,

- 7) Canadians have an absolute right to benefit from the responsible use of radio and, having complied with the requirements of the Radio Act and Regulations and having received a license, should not be held hostage by the manufacturers and users of consumer electronic equipment that reacts improperly and undesirably to licensed radio transmission,

is gravely concerned because,

- 8) a court in Ontario has already ordered that a licensed amateur radio station may now not be operated because some consumer's

electronic equipment malfunctioned,

9) failure to take positive action on the matter of consumer electronic equipment susceptibility will now result in a widely used precedent being set and in further court decisions similar to this one which will prevent the use of all kinds of radio in Canada and thus limit the benefits of radio to Canadians in general,

therefore unanimously resolves,

10) that the Minister of Communications be asked to take steps immediately in conjunction with the Minister for Consumer and Corporate Affairs to have the law amended to place responsibility for resolving problems due to the susceptibility of consumer electronic equipment to licensed radio transmissions, squarely on the manufacturers and users of affected equipment,

11) to ask all amateurs, especially those who have suffered as a result of the susceptibility of consumer electronic equipment, amateur radio clubs, and the two national associations of radio amateurs to write their Members of Parliament, the Minister of Communications and the Minister of Consumer and Corporate Affairs, supporting this resolution and asking that steps be taken immediately to correct this problem of consumer electronic equipment susceptibility to authorized radio transmissions.

KLIPSTEIN'S LAW: Do not believe in miracles - rely on them.

ANTENNA THEORY: 1) Any wire cut to length will be too short.

2) Dimensions will be expressed in the least usable terms.

3) Velocity will be expressed in furlongs per fortnight.

4) Constants are to be expressed as variables.

NEW EQUIPMENT PURCHASERS:

Waranty & guarantee clauses are voided by payment of the invoice.

-Bob VE3OCQ



CONGRATULATIONS go to Doug VE3OCT and Robert Wilson VE3CIB, winners of this years Order of Merit Award.

BUILDER'S CORNER not available at press time.

The Crawford Trophy

The May meeting is Home Brew night (No bottled samples please) The Crawford Trophy is awarded annually for 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 hams workshop, thereby requiring skill and patience in producing a product of quality. It also suggests that the device was made at home during his or Her leisure hours, in contrast to his place of employment.

A Purpose

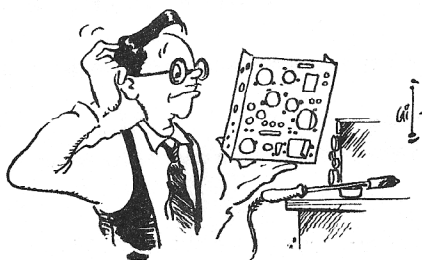
To encourage Radio Amateurs to build their own equipment. The prime purpose for making a device would be for improved amateur radio communications, and/or for testing amateur radio equipment.

B Rules

- 1 The device submitted shall have been completed in the 12 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 his or her leisure hours.
3. A contestant cannot 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 he may deem helpful about the construction.
- 5 The contest winner shall return the trophy on or before the night of the next contest.

All that equipment that changes hands at flea markets must go someplace, so please bring in your efforts at construction. This may help to encourage others to try their hand at building gadgets for the hamshack

Norm VE3BK



VE3ZFilms

Metrication

Perhaps there are others out there, who like me grew up with the old system of weights and measures. I find myself driving down the highway busily converting all the signs into English measure. When I get to the gas station I now have to convert my odometer in to kilometers or the liters into gallons. In order to assist my computations I have found the following table helpful. Maybe some others will find it useful.

| | | |
|--|----------------|--|
| Liters per 100 kilometers = miles per gallon | | |
| 3.0 L = 94 mpg | 9.0 L = 31 mpg | |
| 3.5 81 | 9.5 30 | |
| 4.0 71 | 10.0 28 | |
| 4.5 63 | 10.5 27 | |
| 5.0 56 | 11.0 26 | |
| 5.4 52 | 11.5 25 | |
| 5.6 50 | 12.0 24 | |
| 5.8 49 | 12.5 23 | |
| 6.0 47 | 13.0 22 | |
| 6.2 46 | 13.5 21 | |
| 6.4 44 | 14.0 20 | |
| 6.6 43 | 15.0 19 | |
| 6.8 42 | 16.0 18 | |
| 7.0 40 | 17.0 17 | |
| 7.2 39 | 18.0 16 | |
| 7.4 38 | 19.0 15 | |
| 7.6 37 | 20.0 14 | |
| 7.8 36 | 21.0 13 | |
| 8.0 35 | 23.0 12 | |
| 8.5 33 | 25.0 11 | |

If you want to do it the hard way the following two formulas will help.

Litres per 100 km = 282.48 / MPG (imp)

Miles per Gallon = 282.48 / L per 100 km

Vehicle

- Moped
- Harley-Davidson
- Volkswagon Rabbit Diesel
- Model 'A' Ford
- Piper Cherokee
- Maserata Quattroporte Car
- GMC Tractor Semi-Trailer
- GMC Diesel Locomotive
- Boeing 747
- Jumbo Tanker
- Saturn V Rocket

DIDJA?

Ever wonder how much it cost you to run your car for a year? The following table assumes 15,000 km per year or about 9,300 miles.

| L/100km | mpg | \$0.40/L | .45/L | .50/L | .55/L | .60/L |
|---------|-----|----------|---------|---------|---------|---------|
| 20 | 14 | \$1,200 | \$1,350 | \$1,500 | \$1,650 | \$1,800 |
| 19.5 | | 1,170 | 1,316 | 1,463 | 1,609 | 1,755 |
| 19 | 15 | 1,140 | 1,283 | 1,425 | 1,567 | 1,710 |
| 18.5 | | 1,110 | 1,249 | 1,388 | 1,526 | 1,665 |
| 18 | 16 | 1,080 | 1,215 | 1,350 | 1,485 | 1,620 |
| 17.5 | | 1,050 | 1,181 | 1,313 | 1,443 | 1,575 |
| 17 | 17 | 1,020 | 1,148 | 1,275 | 1,402 | 1,530 |
| 16.5 | | 990 | 1,114 | 1,238 | 1,361 | 1,485 |
| 16 | 18 | 960 | 1,080 | 1,200 | 1,320 | 1,440 |
| 15.5 | | 930 | 1,046 | 1,163 | 1,278 | 1,395 |
| 15 | 19 | 900 | 1,013 | 1,125 | 1,237 | 1,350 |
| 14.5 | | 870 | 979 | 1,088 | 1,196 | 1,305 |
| 14 | 20 | 840 | 945 | 1,050 | 1,155 | 1,260 |
| 13.5 | | 810 | 911 | 1,013 | 1,114 | 1,215 |
| 13 | 22 | 780 | 878 | 975 | 1,072 | 1,170 |
| 12.5 | | 750 | 844 | 938 | 1,031 | 1,125 |
| 12 | 24 | 720 | 810 | 900 | 990 | 1,080 |
| 11.5 | | 690 | 776 | 863 | 949 | 1,035 |
| 11 | 26 | 660 | 743 | 825 | 908 | 990 |
| 10.5 | | 630 | 709 | 788 | 866 | 945 |
| 10 | 28 | 600 | 675 | 750 | 825 | 900 |
| 9.5 | | 570 | 641 | 713 | 784 | 855 |
| 9 | 31 | 540 | 608 | 675 | 743 | 810 |
| 8.5 | | 510 | 574 | 638 | 702 | 765 |
| 8 | 35 | 480 | 540 | 600 | 660 | 720 |
| 7.5 | | 450 | 506 | 563 | 619 | 675 |
| 7 | 40 | 420 | 473 | 525 | 578 | 630 |
| 6.5 | | 390 | 439 | 488 | 537 | 585 |
| 6 | 47 | 360 | 405 | 450 | 495 | 540 |

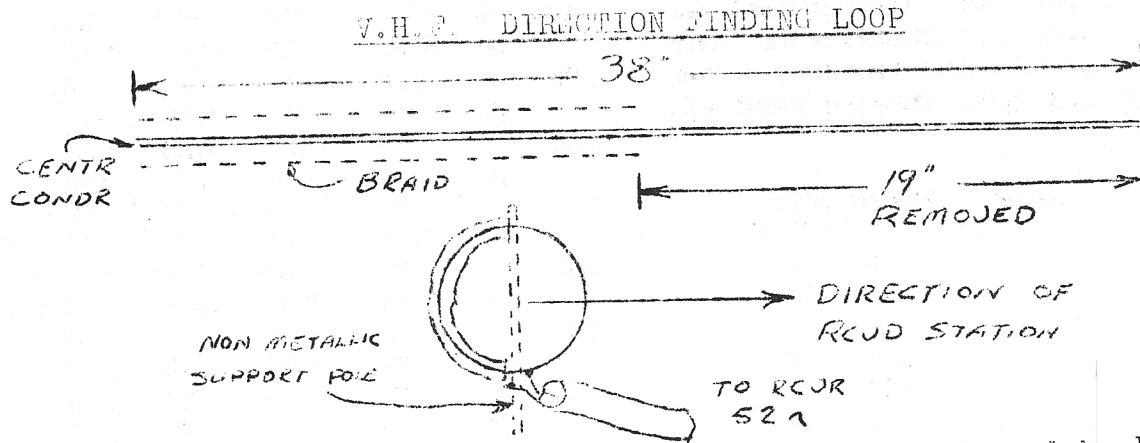
The above figures do not take into consideration such other expenses as oil, lubrication, insurance, repairs, depreciation, washes, tires, etc. You can see the merit of keeping your car well tuned up, looking after your tire pressures and not having a heavy foot on the pedal.

Take care out there driving...it's a jungle

de VE3ZF

Distance on 1 Gallon of Fuel (4.5L)

- 193 Kilometers
- 80 Kilometers
- 67 Kilometers
- 40 Kilometers
- 24 Kilometers
- 13 Kilometers
- 8.7 Kilometers
- 578 Meters
- 236 Meters
- 9 Meters
- 25 Centimeters (initially)

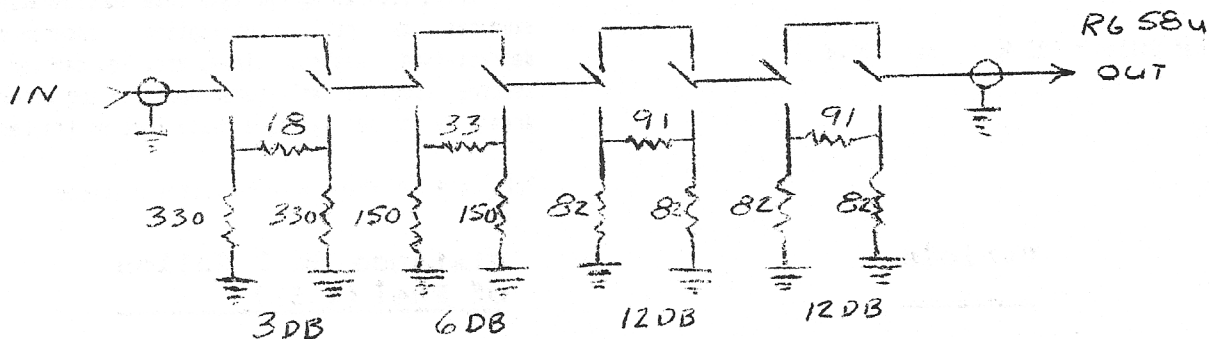


Here is a design for a VHF D.F. loop as designed and used by VE3FBI and VE3GXQ. RG-8/U coax was used. Remove 19" of the outer braid, but leave the insulation on the rest of the cable except where the two ends are joined. Bend the coax in the form of a circle and solder the two ends of the center conductor together. Attach the feedline as shown.

This loop was used in locating a hidden transmitter in a hunt and exhibits a uni-directional characteristic. To be used effectively, the receiver should have a signal strength meter. Otherwise, tightening of the squelch control can be used.

(Ed note: Any 3 or 4 element beam will probably work, just as well.)

R.F. STEP ATTENUATOR (Taken from QST August 1967)



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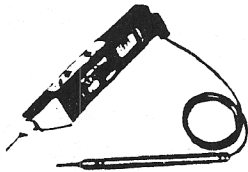
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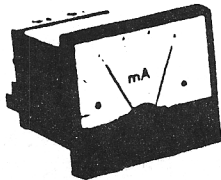
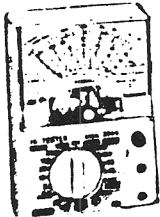
PENCIL HI TESTER



DIGITAL HI TESTER



HI TESTER

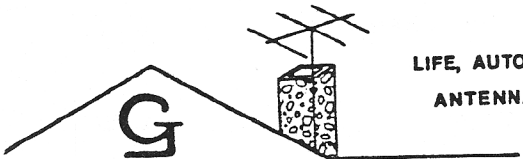


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| | |
|----------------------------|--------|
| Noise Bridge | \$2.00 |
| Mosfet Dipmeter | 1.40 |
| FET Voltmeter | 1.50 |
| Operating Impedance Bridge | 2.00 |

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THE HAMILTON AMATEUR RADIO CLUB SWAP NET with Ralph VE3BYM

=====

| | | | | | |
|--------|----------|--------------|--|--------------------------|-------|
| VE3LNI | "BOB" | 416-292-0692 | | | |
| | | | -UNIDEN 2020 HF XCVR 80-10M W/EXT VFO, MIKE MAN. TUBES | | \$500 |
| VE3BYM | "RALPH" | 388-6146 | | | |
| | | | -YAESU FLDX400 XCVR, FRDX400 RCVR W/TUBES & MANUALS | | \$450 |
| | | | -12V, 4A PS | | \$25 |
| VE3OZB | "JOHN" | 681-1419 | | | |
| | | | -UNIDEN 2020 HF XCVR 80-10M | | \$550 |
| VE3ITJ | "ARUNAS" | 388-8658 | | | |
| | | | -KW EZ MATCH ANT TUNER 200W \$70 | -AUDIO GEN 2-2.1MHZ | \$75 |
| | | | H.P. PULSE GEN. \$75 | -SONY 5" T.V. B&W 12VDC | \$25 |
| VE3IQI | "TERRY" | 648-3116 | | ANCASTER | |
| | | | -ROBOT400 SLOW SCAN CONVERTER W/ SONY CAMERA | | \$250 |
| VE3ABH | "JOE" | 416-835-5665 | | PORT COLBORNE | |
| | | | VIKING INVADER LINEAR 80-10M 2KW | | \$200 |
| VE3FEZ | "PETER" | 648-6872 | | ANCASTER | |
| | | | -RS TRS80 III, 64K, D.DRIVE RS232, PRINTER, JOY STICK | | \$700 |
| VE3MWD | "RON" | 547-1960 | | | |
| | | | -RS SX190 RCVR, EXT SPKR \$175 | -CUSHCRAFT AV3 VERT. ANT | \$45 |
| VE3IUD | "JACK" | 627-0816 | | | |
| | | | | -2M CLOVER LEAF ANT | \$10 |
| VE3BLK | "FRANK" | 640-3320 | | | |
| | | | -KANTRONICS 5150 INTERFACE FOR IBM PC/XT | | \$75 |
| VE3GHH | "LEN" | 757-0570 | | SCARBOROUGH | |
| | | | -YAESU FLDX400 XMTR W/FILTER, SPKR, SHURE 444 MIKE, LO-PASS FILTER, MANUALS, SPARE FINALS | | \$490 |
| VE3DKQ | "DAVE" | 844-2313 | | OAKVILLE | |
| | | | -TOWER DMX48HD W/10 FT MAST, THRUST BEARING | | \$300 |
| VE3HDA | "PHIL" | 628-4290 | | | |
| | | | -TELETYPE MOD 33 W/ ACOUSTIC MODEM | | \$50 |
| VE3NCK | "BILL" | 549-0270 | | | |
| | | | -HEATHKIT HM102 PWR METER 2KW \$40 | -TOKYO ANT TUNER 250W | \$80 |
| VE3ZF | "ED" | 634-2520 | | BURLINGTON | |
| | | | -DELHI HD 48 FT SELF SUPP. TOWER, THUNDERBIRD TH3HD 3 EL BEAM HAM 3 ROTOR& BEARING, LYND SAY 2M ANT NEG. | | \$750 |
| VE3FDK | "JOHN" | 385-0422 | | | |
| | | | -YAESU FT707 XCVR SOLID STATE, 80-10M W/ MANUAL | | \$450 |

VE3MFK "DON" 639-2300 BURLINGTON
 -(4)MIKES, DAIWA M51, SHURE: EM28A, 106, S36, \$40 -BATTERY
 CHARGER 6&12V \$25 -RS PRO54 SCANNER 10 CHAN.W/2 XTLS \$75

VE3MLX "GREG" 731-7361 THORNHILL
 -ICOM IC 230 2M XCVR W/BRKT, MIKE \$75 -D104 MIKE \$20
 SHURE 444 MIKE \$30

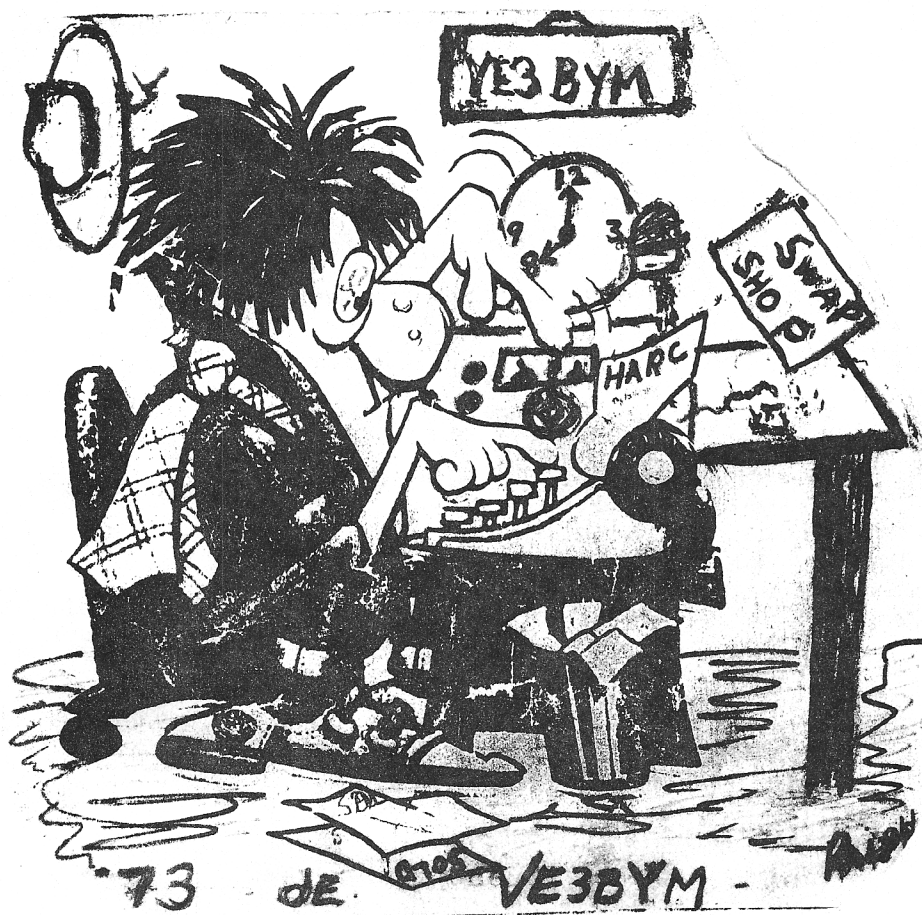
VE3NKZ "TED" 453-7547 BRAMPTON
 -DAIWA 620B SWR PWR METER 1.8-150MHZ 1YR OLD \$130

VE3NCU "CHUCK" 389-8902
 -SANTEK ST222 220MHZ HAND HELD W/CHARGER, MAN. \$300
 OR TRADE FOR 450 MHZ RIG

WANTS

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| | |
|-----------------------------|---------------------------------|
| VE3FDK "JOHN" 385-0422 | MIKE YD148 OR YM34 |
| VE3NCN "BERT" 627-0573 | DATA SET FOR VIC 20 |
| VE3MWO "RON" 547-1960 | XTLS FOR 80,40 M CW BAND |
| VE3OCQ "BOB" 549-6125 | HAND MIKE FOR KENWOOD 2400 H.H. |
| VE3ZB "JOHN" 681-1419 BURL. | ANT. TH7DX OR A1 BEAM |
| VE3RW "JOHN" 383-3169 | MIKE YM23 FOR YAESU FT227R |
| VE3NYC "PAUL" 664-5247 | ANT. TUNER YAESU FC102 |
| VE3DKQ "DAVE" 844-2313 | ANT HIGAIN 204B 20M BEAM |
| VE3NJZ "BEN" 531-6508 | FSK MACHINES (2) |
| VE3DNB "RON" 383-7526 | MAGAZINES "73" FROM SEP 1970-73 |
| VE3OII "PHIL" 545-9232 | DUMMY LOAD 300W + |
| VE3MTD "BOB" 836-8909 GLPH | MANUAL SERV. FOR ICOM IC255A |



☛☛ FLEA MARKETS & HAPPENINGS ☛☛

ROCHESTER HAMFEST - May 16 17 18.

Indoor & outdoor flea market - Exhibits - Meetings - Ladies program -
Banquet - Code contest - Awards.

Admission \$7. American Friday VIP dinner \$18. American
Monroe County Fairgrounds, Route 15A and Calkins Road, in the town of
Henrietta, New York
146.28/88

SOUTHERN ONTARIO REPEATER TEAM FLEA MARKET & PACKET SYMPOSIUM -
Sunday May 25 9am Medway High School, Arva Ontario (Just north of
London)

Symposium at 10 am - Refreshments - Admission: \$2. - Tables: \$3.
VE3TTT 147.78/18 VE3SUE 449.4/444.4

CENTRAL ONTARIO FLEAMARKET & COMPUTERFEST Saturday June 7 8am-2pm

Sponsored by the Kitchener-Waterloo Amateur Radio Club
P.O. Box 812 Kitchener, Ontario N2J 4C2
Col. John McCrea Legion Hall on Highway 7, Guelph Ontario.

Refreshments - Door Prizes General Admission: \$2.
Inside vendors \$8./8ft table Outside vendors: \$3/space.
VE3ZMG 147.96/36 52-52 simplex

OLD TIMER'S REUNION - Tuesday June 17 2:30 p.m.

Orillia Ont at Champlain's Monument in Couchiching Park
Dinner at 5:15 p.m. at the Sundial Motor Inn - Prizes and Raffles -
Ladies welcome

Tickets \$14. includes dinner
For info: Bob Dunn VE3ATK 318 Short Ave Woodstock, Ont N4S 4B1

ONTARIO HAMFEST - Saturday July 12

Sponsored by the Burlington Amateur Radio Club
P.O. Box 836 Burlington Ont L7R 3Y7

Admission \$3. before June 15 \$4. after
Commercial displays indoors at 9:a.m. - Ham's displays outdoors at
7:a.m.

Superprizes of IC735 with power supply and accessories and IC2AT
handheld

Camping \$10. for the weekend

VE3RSB 147.21/81

INTERNATIONAL PEACE GARDEN HAMFEST & COMPUTERFEST July 12 13.

North Dakota - Manitoba (Dunseith N.D.)

For info: Box 64 Minot, N.D. 58702

Transmitter Hunts - Mobile Judging - CW Contests

Activities for Kids & Non-Hams - Camping Facilities - Motels nearby

52 simplex

LETTERS FROM THE MAILBAG

Dear Phil:

I would like to comment on the VE3SR case. Some statements made by certain individuals and organizations are misleading; namely, that the decision of The Honourable W.T. Hollinger was "one of the most flagrant miscarriages of justice in the history of Canadian jurisprudence." If you read the "Reasons for Judgement" from the court file you will learn that the judgement was quite sound and well-thoughtout--although quite displeasing for many who thought the case was an "easy win."

The court found John Ravenscroft to be a nuisance in interfering with the Plaintiff's "normal usage and enjoyment of land." Judge Hollinger held that television reception is an interest worthy of protection and entitled to vindication in law. A permanent injunction was issued restraining John from transmitting radio signals from his home that interfere with electrical equipment in the Plaintiffs' home. This does not mean that John is prohibited from transmitting any radio signals from his home as suggested in ARRL Bulletin #21.

Also that this judgement is a "threat to the operators of any licenced radio transmitters" is not too likely. A civil action against a commercial radio station, for example, will probably not have the same outcome. Why? Probably something like: "the needs of many outweigh the needs of a few." What this means is we as amateurs will probably be the victims. Support from commercial interests will be hard to obtain.

However, there is a way that we can "win." And we can also obtain the support of commercial radio users as well as the general public. We must "lobby" our Minister of Communications as suggested by the Ottawa Valley Mobile Radio Club. We must start a letter writing campaign to our members of parliament to convince them that the time is here to act on "prevention." We must explain the situation of interference to the general public and enlighten them to the fact that a couple of dollars invested in suppression equipment can provide much return.

We must treat RFI with great respect. Today more than ever people are looking for ways to make money fast and easily. Just ask the insurance companies if you do not believe this. Regardless of who may be right or wrong it should be our duty as amateurs to work with our neighbours in tackling the RFI problem. I am not suggesting that we "fix" our neighbours' equipment, only that we explain as best we can the deficiencies in some equipment at suppressing unwanted signals. Our neighbours will not take too kindly to this as they have likely spent many hundreds of dollars on their gear and not have a great understanding for the technical details of their equipment, but we should cooperate fully with them in coming to a mutually agreeable compromise in operating schedules or whatever. If for nothing else, it seems to me that it would be somewhat harder to convince a judge that your activities are a nuisance if you are cooperating and willing to provide suggestions for minimizing the problems.

73, Mike, VE3JTG