

THE HAMILTON AMATEUR

MAR 1988

(Established 1932)

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

CLUB MEETING:

May 18

Don Graziano

VH30CY

Direction
Finding

Durabeam Antennas & Towers
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2 & 6 meter beams, superior quality, built by hams for hams.
3 element 2 meter beam \$25.00 5 element 6 meter beam
5 element 2 meter beam \$32.00 with 300 ohm feed \$55.00
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Gamma match extra

Towers, crank up, self supporting, middle section 16 gauge,
10 foot section, 2 1/2 inch step \$40.00
Top section CLR plate welded, thrust bearing plate welded \$69.00

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Call Ray, Jim VE3TU or Martin VE3HYL at 416-628-0822.



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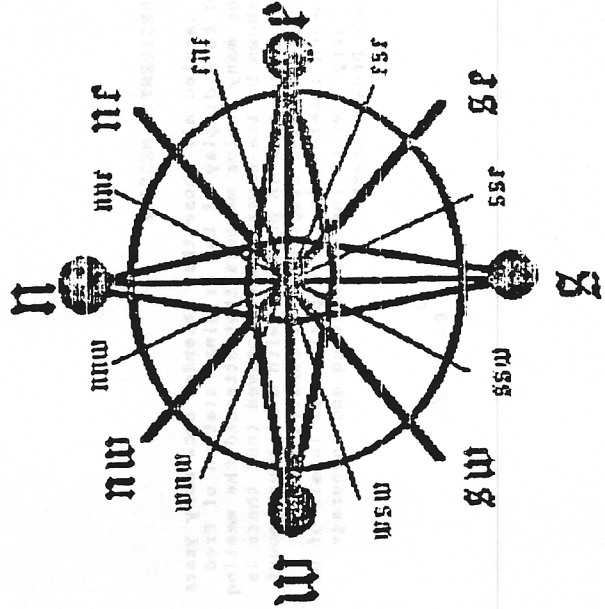
Phone: 560-1312 93 County Club Drive
Hamilton, Ontario L8K 5W4

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 VESNCF 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 VESNCF every Tuesday at 8:00 pm except during July & August.



From the Editor

Glen, VE3FHQ has arranged with the Hamilton Main Library to have the use of a display case for two weeks in June for publicity for Amateur Radio. When he has details of size etc. he will be looking for suggestions and items.

Some clubs have sent membership lists to Canadian Amateur Call Directory. The Hamilton Club has not. I suggest that you write them at P.O. Box 56, Arva, Ont. M0M1C0 and advise whether or not you wish to be included.

Volunteers are still needed for the Boy Scout Rally, Confederation Park, June 4, Call Fred, VE3GCP.

Paul, VE3HFF, would like to borrow a large tent for hospitality at the Field Day. He has plans for what could be the best yet but he still needs some assistance. June 25 & 26 are the big days.

Anyone for code tests? Call Bob VE3CIB, 383-2054 or Norm VE3BK, 385-5661.

More Dates to Remember

May 21, 22 & 23 Rochester Hamfest and Computer Show, Monroe County Fairgrounds, Route 15A, Rochester, NY.

June 4 Central Ontario Amateur Radio Fleamarket, by Guelph ARC and Kitchener-Waterloo ARC, Bingham Park, Kitchener.

June 18 Welland ARC Fleamarket, Wainfleet Arena.

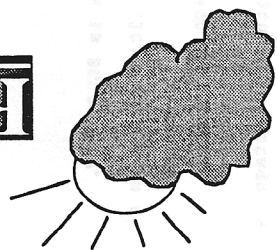
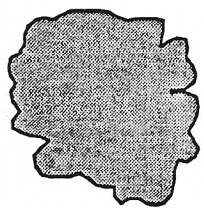
July 9 Ontario Hamfest, Electronic Hobby Show and Fleamarket, Burlington Central Arena.

August 13 Brantford Fleamarket, Woodman Park Community Centre.
October 4 Hamilton ARC Fleamarket.



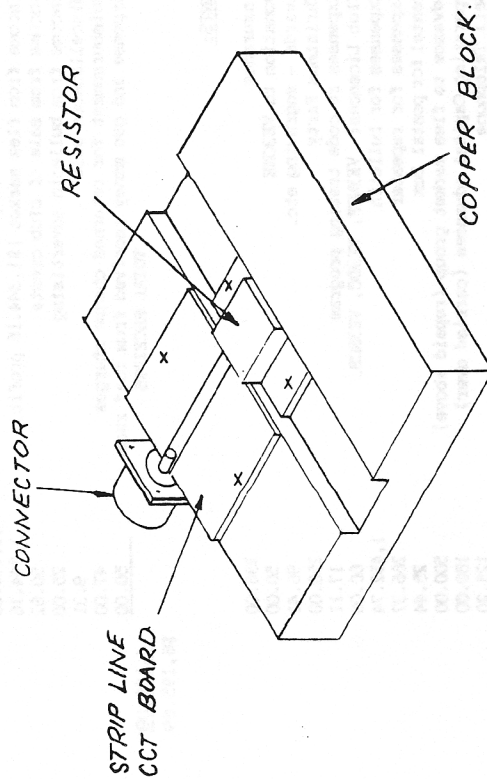
THIS IS VICTOR ECHO 3
CQ CQ CQ FIELD DAY
DELICIOUS
CURVES !!!
22222222222222222222

FIELD DAY 88



75 WATT DUMMY LOAD

BY STAN SMITH - VE3DDX



A nice little Dummy Load for anything from QRP HF to high power UHF can be made from resistors made by KDI Electronics, of 60 South Jefferson Rd., WIPPANY, N.J.

These resistors mount directly to a heatsink, are supplied from 10 to 800 watts, and have a frequency range from D.C to 4 GHz with a USWR of 1.35:1 D.C to 4.0GHz. I built a simple little one with a block of copper, connector, resistor and a small stripline CCT board. The resistors are designed for use with stripline CCT boards; for a 50-ohm stripline use a trace 1/8 inch wide on G10 fibreglass board double-sided. The trace can be as long or as short as possible. I used a 75-watt resistor # PPT-820-75-3 for use at 2 metres, and it works perfectly.

From the York Region ARC Bulletin

FROM THE CANADIAN RADIO RELAY LEAGUE BULLETINS

Bulletin 14 1988 April 10

According to AMSAT Satellite Report and Dr. Patrick McIntosh, Director of Solar Physics at NOAA's Space Environment Laboratory in the US, the peak of Solar Cycle 22 could come much earlier than expected and could possibly be the most intense ever measured. Dr. McIntosh reported to the New York Times that, if current trends continue, solar activity could reach normal maximum levels by this summer and an unprecedented peak by the end of this year. Normally, the next solar peak would not occur until 1992. Dr. McIntosh bases his findings on massive buildups of sunspots, increases in 10 cm radio noise and large numbers of solar crowns (ribbon-like loops) extending from the sun.

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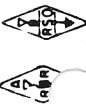
DOC has responded to a CRRL letter asking DOC to explain its actions in assigning an Atmospheric Environment Service (AES) "wind profiler" to a frequency in the 430-450 MHz band. It was CRRL's position that, because the wind profiler would be determining atmospheric conditions and not detecting "objects", it should be assigned to the METEOROLOGICAL AIDS SERVICE in the 400-410 MHz band and not to the RADIOLOCATION SERVICE, the primary service in the 430-450 MHz band. In its response, DOC took the position that "objects" could be concrete or amorphous, and that it was necessary to protect the SARSTA/COSPAS search and rescue system operating at 405 MHz. They also advised that AES is not expected to have its wind profiler system operational for some time.

Amateurs who occasionally enjoy a "wee nip of the dew of Scotland" will be interested in contacting special-event station GB2DWR as it operates from four different whiskey distilleries on the following times and dates:

- o 1000Z May 15 to 1500Z May 16 at Cardu Distillery at Granton on Spay;
- o 1000Z May 17 to 1500Z May 18 at Cragganmoor Distillery at Granton on Spay;
- o 1000Z May 19 to 1500Z May 20 at Royal Loch Nagar Distillery at Crathie near Balmoral Castle;
- o 1000Z May 21 to 1500Z May 22 at Blair Atholl Distillery at Pitlochry.

South of the border, many amateurs and amateur organizations are reexamining the "Novice Enhancement" package of privileges the US FCC instituted last year to bring more and younger people

THE HAMILTON AMATEUR RADIO CLUB, INC.



VE3RCB

VE3DC

VE3DRW

VE3MBC



P.O. Box 253
Main Post Office
Hamilton, Ont.
L8N 3C8

Bulletin 17 1988 May 01

candidates trying to get in before the Novice examinations changed. Things have levelled off, and some are wondering if a no-code entry level licence such as DOC plans to implement in Canada is the better way to go.

Congratulations to Fred Hammond, VE3HC, who was named 1988 Special Achievement Award Winner by the Dayton (Ohio) Amateur Radio Association, sponsors of the Annual Dayton Hamvention. Fred was recognized for his part in getting amateurs in mainland China on the air, his assistance to DX stations in the Caribbean, and his outstanding efforts to preserve the early days of radio especially Amateur Radio through his famous museum in Guelph, Ontario. Fred was presented with his award at the April 30 banquet at the 28th Annual Dayton Hamvention.

Members of the joint Soviet Canadian Skitrek expedition reached the North pole on April 26. As this bulletin was being prepared, expedition members were waiting for representatives of the Soviet and Canadian governments to arrive by helicopter from Soviet Ice Island 28, located 20-30 km from the Pole. Amateurs around the world have been following Skitrek through CI8C, manned in recent weeks by Garry Hammond, VE3XN, and Dick Sakfié, VE3LWV, and presently manned by Joe Adams, VE3CPU, and Kip Hutchinson, VE3CKP. To date communications have worked well. Sometimes surprisingly well. On April 26, Ron Bellville, VE3AUM, who operates Skitrek's Ottawa control station, was in direct contact with the welcoming party at the Pole. Coincidentally, wife of Skitrek member Richard Weber was in Ron's shack, hoping to get a message to her husband. She did. At the very moment that Ron asked about the possibility, Richard skied into the communications tent. There have also been some close calls. Barry Garrett, VE3CDX, was Canadian operator at 4K0DX on Soviet Ice Island 28. Barry was about to fall asleep when a crack appeared in the ice. The radio shack and one end of a dipole moved in one direction while the main base camp and the rest of the dipole moved in the other. Barry scrambled and was able to save everything. The expedition continues.

F I N A N C I A L S T A T E M E N T

Carried forward from 1986

\$2,009.60

RECEIPTS:

Income from membership dues \$2,160.00
Income from flea market (\$1,344.16 profit) 1,844.16
Income from sale of club crests 50.62
Income from bulletin advertising 25.00
Miscellaneous sale 9.31
Reimbursement for returned cheque charges 47.00
Expense and gas money received from road race 50.00
TOTAL RECEIPTS

4,186.09
\$6,195.69

TOTAL

DISBURSEMENTS:

Insurance 336.00
Donation to VE3ONE 50.00
Awards - engraving etc. 96.41
Christmas Party 250.00
Expenses re code testing program 17.11
Club Licences: VE3NCF, VE3DC, VE3RCE 60.00
Expenses for bulletin 1,452.74
Expenses for repeater 266.37
Rental for postal box 25.44
Advance to flea market group (repaid above) 500.00
Operating Capital advances (carried over) 180.00
Bell telephone 125.20
Equipment and materials re Red Cross meeting room 500.00
Stamps, rubber stamp, pad, etc. 25.38
Health & Welfare including flowers at Christmas 29.63
Bank charges (ser. chg. and chg. for returned cheques) 69.00
Meeting expenses (coffee, donuts, etc.) 189.71
Expenses for speakers (gas allowance, pens) 51.99
Expenses for Field Day 171.35
TOTAL DISBURSEMENTS

\$4,396.33
\$1,799.36
\$1,799.36

BALANCE

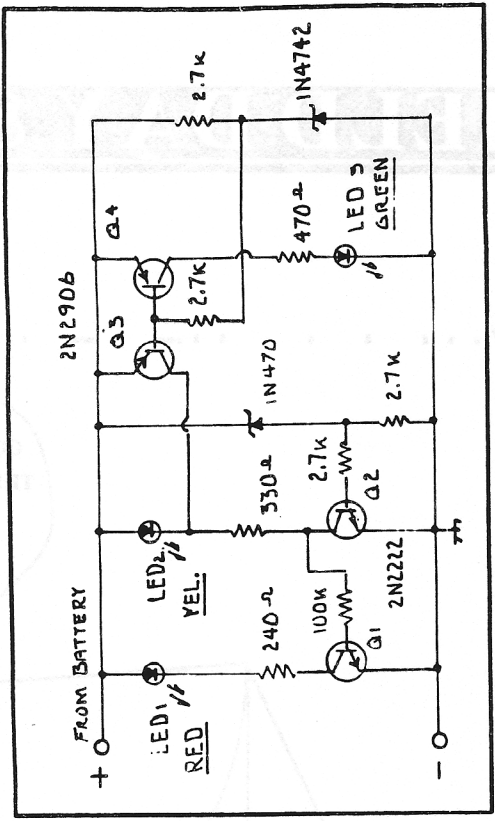
CLOSING BANK BALANCE

Auditor's Report, January 20, 1988

All deposit slips, bank statements and account books have been compared and all monies accounted for.
Bernard Granby,
VE3BKY.

AUTOMOBILE BATTERY MONITOR

Keeping a watchful eye on your automobile battery will be a lot easier with this Voltage Monitor.



LED INDICATORS

- RED When only the Red is lit: Voltage is BELOW 10V.
- RED & YELLOW When the RED and Yellow are both lit: Voltage is at 11V.
- YELLOW Yellow alone will indicate: Voltage is at 12V.
- YELLOW & GREEN When the YELLOW and GREEN are both lit: Voltage is at 13V.
- GREEN GREEN alone will indicate: Voltage is above 13V.

From Sparc-gap of the South Pickering Arc Bulletin
Dave, VE3CLL.

Salvation Army Blitz

There was a good turn out to help the Salvation Army. Wayne, VE3LWD says thanks for a job well done to Ken VE3OIN, Keith VE3DKJ, Bob VE3CIB, Kurt VE3PUI, Bill VE3ARX, Don VE3OCY, Ron VE3MWO, Bill VE3KYG, Eric VE3AVE, Stan VE3GPE, Glen VE3PHQ, Bob VE3GYE, Bernie VE3EKY and Fiori VE3OQG.

Hamilton Amstel Lite Marathon

The club got some public exposure during this 26.2 mile run since the members providing radio communication were wearing club hats with the club crest. They had to return them for future events but were able to keep the T-shirts, pizza, fruit and drinks. Under the direction of Fred VE3GCP the following took part: Ken VE3EGJ, Bill VE3KYG, Stan VE3GPE, Cam VE3GVG, Jim VE3PH, Fiori VE3OQG, Bob VE3GYE, Mike VE3MWR, Peter VE3DOU, Louise VE3LOI, Stuart VE3SMP, Dave VE3NCE, John VE3PDK, George VE3BLG.





The Swap Shop by Ralph VE3BYM

CLUB OFFICERS AND COMMITTEE MEMBERS FOR 1988

PRESIDENT	: Everett Englert	VE300X	578-2458
PAST PRESIDENT	: Gordon Barber	VE3AAH	383-9161
1st VICE-PRESIDENT	: Dave Rypma	VE3HTC	689-3014
2nd VICE-PRESIDENT	: Jim Walsh	VE3SON	689-6839
SECRETARY	: Wayne Staat	VE3LWD	561-2253
TREASURER	: Paul Hazen	VE3NYC	664-5247
MEMBERSHIP	: Gordon E. Murray	VE3JSJ	575-3647
AWARDS & CONTESTS	: Bernie Granby	VE3EKY	527-7175
CLUB HISTORIAN	: George Olenick	VE3BLG	383-7338
CLUB PROPERTY	: Bill McCaslin	VE3ARX	634-5190
BULLETIN EDITOR	: Jim Walsh	VE3SON	689-6839
... assisted by	: Gordon E. Murray	VE3JSJ	575-3647
EDUCATION	: Glen Gibson	VE3FHO	385-2786
EMERGENCY SERVICES	: Gordon E. Murray	VE3JSJ	575-3647
FLEA MARKET	: Paul Hazen	VE3NYC	664-5247
HEALTH & WELFARE	: Stan Bolibruch	VE3GFE	528-4002
PROGRAMS	: Paul Hazen	VE3NYC	664-5247
PUBLIC SERVICE	: Fred Robinson	VE3GCP	575-5197
PUBLICITY	: Fred Robinson	VE3GCP	575-5197
REFRESHMENTS	: Glenn Simpson	VE3DSP	385-8478
REPEATER	: Ralph Tufts	VE3BYM	388-6146
SWAP NET CONTROL	: Mark Gibson	VE3MWH	389-4308
TECHNICAL	: Paul Fleck	VE3HTF	
VE3DC LICENCEE	: Glenn Gibson	VE3FHO	385-2786
VE3NCF LICENCEE	: Glenn Simpson	VE3DSP	385-8478
VE3RCB LICENCEE	: John Kassay	VE3FDK	385-0422

THE PRESIDENT'S MESSAGE

The April meeting carried all those that attended back many years as we were treated to a display of the original station of Fred Western VE3BYM. The many senior members that attended the meeting and the interest shown by the newer members proved that there is still a great deal of interest in projects with a minimum amount of found materials and a basic simplicity of construction. Fred certainly renewed interest in the experimenter in all of us which I hope will carry over to the May meeting and encourage entries for the Home Brew contest.

73
Ev VE300X

VE3ISZ: Fred 827-6824 Oakville.
Sony Camera c/w zoom lens, Port-ble/Home recorder
many accessories including lights & manuals. 300.
Tempo I HF xcvr. IO-80 meters 300w. fan, skkr, man. 350.

VE3VK: Fred 222-5528 North York.
HiGain 3866 handheld 2m 6ch 2watt, i ant. charger 100.

VE3OIP: Bob 632-4810 Burlington.
Kenwood TR7500 TT pad and manuals. 150.

VE3LW: Grant 545-8486 Hamilton.
1kw Home brew ant. tuner. 125.
ICO #60 monitor scope. 125.
S&W PWR. Meter. 60.
Signal generator. 75.
Astron power supply 13.8 volts 7 amps. 50.

VE3NCK: Bill 543-0270 Hamilton.
Custom made power supply 13.8 V 6 arps. reg. 60.

VE3PQ: Paul I-416-293-4397 Scarborough.
Transmitting tubes #5894 use on vhf, uhf. ea. 30.
Coil stock 1/2" dia. 16 turns per inch. ea. 2.45.
Coax connectors: chassis, T-type, cable reducer. neg.

VE3IQ: Terry I-416-648-3116 Ancaster.
HiGain Explorer 10-15-20 meters. 350.
40A70 tubes, new & used, Plus sockets/chimneys. neg.

VE3EGT: Les 547-2717 Hamilton. / Scope.
YCIDA/VE3: Cnno 544-8982 Hamilton.- 2k. rig.
VE3IS: John 545-8378 Grimsey, / Yaesu FT rike.
VE3ISZ: Fre: 617-6804 Oakville Boonton #202-H service man.
VE3DFC: Fred 644-9538 Burlington.- Comment set ARC5, 9C354, 5, 6, 8.
VE3OC: Don 543-6125 Hamilton.- 6L6 or 6JE6 tube.
VE3FH: Glen 485-2786 Hamilton.- 12AU7, 616, 6A3 tubes.
VE3BYM: Ralph 588-6146 Hamilton.- Telegraph hand key.
VE3IK: George 664-4266 Toronto.- Kenwood AT200.
VE3JFC: Frank 604-4508 Burlington.- 6G7 tube.