

PRESIDENT	RICHARD BUTTON	VE3RJB	725-7150
SECRETARY	ANDY KALNINS	VE3LCZ	668-0805
TREASURER	MIKE SHERBA	VE3DKW	723-7674
PROGRAM DIRECTOR	PETER JOHNS	VE3WHZ	
VICE PRESIDENT	MARGARET JEFFERY	VE3RNN	725-1238
REGISTRAR	KEITH WYARD-SCOTT	VE3GDF	723-5758
SPECIAL EVENTS COORD.	RALPH DAY	VE3CRK	576-8738
GET WELL CARDS	COLIN BELL	VE3CEU	723-7842
2-METER NET CONTROL	ROY MILLER	VE3AAF	852-5447
LIST AND LABELS	PAUL DALE	VE3LHZ	434-6741
INSTRUCTION COORD.	RICK GIBSON	VE3ASH	434-2886
AUDITOR	HARRY WESTWOOD	VE3OC	683-5104
EDITOR	EDWIN H. TAYLOR	VE3FRH	985-3790

2-meter NET CONVENES EVERY THURSDAY AT 7:30 pm ON THE CLUB REPEATER, VE3OSII. AS PART OF THE NET, CODE PRACTICE IS PROVIDED BY DERNIS VE3ATI BEGINNING AT 8:30pm.

10-meter NET - A GROUP OF LOCAL HAMS MEET SUNDAY ON 28.200 mc USING CW FROM 9:00am TO 10:00am, THEN SWITCH TO SSB PHONE UNTIL EXHAUSTED OR HUNGRY.

CO-ORDINATORS

NONQUAN CANOE RACES	GLEN GOSLIN, VE3LIZ	725-1545
RIDE FOR THE HANDICAPPED	RAY ZAMBONELLI, VE3OUB	723-2467
	RALPH DAY, VE3CRK	576-8738
SANTA CLAUSE PARADE	RALPH DAY, VE3CRK	576-8738
FLEA MARKET	GORD McCUAIG, VE3NZS	683-4054
CLUB INVENTORY	DOUG BARNES, VE3WJR	(705) 357-2342
VE3CNE & FIELD DAY	GREG SCHATZMANN, VE3GJS	576-4655

CLUB STATION.....	VE3NSR		
CLUB REPEATER.....	VE3OSII	.. 147.72mc IN ... 147.12mc OUT	
HARRY'S REPEATER.....	VE3NAA	.. 440mc IN ... 443mc OUT	



NEW EDITOR NEEDED! Well folks, its been more than two years since I began my 2nd sojourn with the snooze letter. I've had a lot of fun doing it but it is now time I let someone else enjoy themselves. Not only am I hogging the fun but I am also falling behind in my chores at home. My job responsibilities keep me out of town for as much as 10 days each month plus an additional few evenings writing reports. The snooze letter can tie up 5 to 6 evenings, leaving me very little time for family and chores. Right now Barbara is sitting out in the gazebo enjoying a beautiful evening and here I sit pounding away at the old mill trying to meet another deadline. Deadlines, deadlines! I'm beginning to hate 'em! Every time I sit down, its end of month reports, forecasts, customer profiles, lost sales reports, etc, etc, and when someone asks "why weren't you at the club meeting?", its all I can do to contain myself! Any way, enough about my troubles. I will finish this semester with the Speshul Summer Edition. The new editor, whoever it may be will need to start producing the September issue sometime in August. Perhaps the new editor will welcome a page or two of nonsense from me now and then. Maybe in a few years things will slow down and I will be allowed the luxury of producing the bulletin once again..

The Snooze Letters primary function is to report to the membership what they may have missed at the meetings. My scheduling did not allow me to attend and report. Trying to get the dope from those that did attend was like pulling a tooth. A new editor will no doubt improve on this point. There is nothing like being there to give a good account. I wish to thank those that contributed, it sure helped out. Thankyou to all the members who passed on words of praise, your words gave me encouragement and kept me going.

MAY MEETING: VE3LCZ tells me that Peter Melnik VE3PLM gave a very good talk about how he got started in ham radio and all the trials and tribulations involved. It was entertaining to old and new members alike. Fred Bengel VE3TIG, volunteered to be co-ordinator for the Rochester bus trip next year. His position will be added to the present list of co-ordinators appearing at the top of page one. This will be done when the new editor prepares a new format in September. Thirty-six people attended.

DID YOU SEND IN YOUR EQUIPMENT REGISTRATION FORM YET??

Next month in the Speshul Summer Edition, we will run the updated membership list.

Yes folks, it's that time of year again! Time for members of the North Shore A.R.C. to pack up the gear, head to the conservation area, hoist up the towers, crank up the generator and put good ole VE3NSR on the air.

This year, as last, we'll be holding Field Day activities at the Harmony Valley Conservation Area in north east Oshawa. I've drawn a map to help guide you in. If you're still lost, give a shout on OSH for VE3NSR and someone will talk you in.

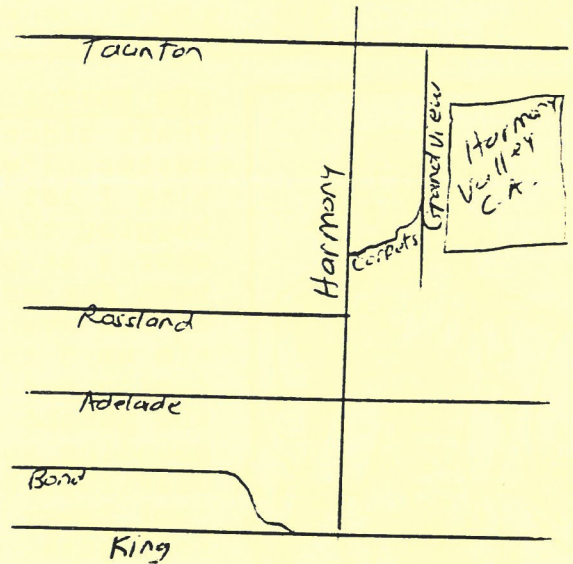
The good news this year is that the club's 20-metre beam will put pressed into service for the first time in a number of years. The beam was recently inspected and cleaned and looks in fine shape. Club towers have also been given a fresh coat of paint and look pretty spiffy.

Plans this time around include putting three HF stations on the air. One on 80, another on 40 and the third with the beam on 20. The other two bands may also be used if conditions warrent.

There're also rumours that we might try a few new tricks this year like computerized logging for one of the stations, and experimenting with alternative power sources, such as solar.

We are in need of at least one more RV, camper or even tent trailer. One or two have been lined up, but we'd like to house each station in its own enclosure. For those of you who took part last year, you will recall how nice it was to be inside a cozy motor home or trailer while the rain came down, and the cool winds blew! Anyone who can bring such an item along, or who can loan us one for the weekend, please contact myself.

Other than that, I'd just like to encourage all of you to take part this year. We had a pretty good turnout last year, but hope to do better this time around. So circle the weekend of June 22-23 on your calender, and plan to devote a couple of hours, an afternoon or evening, or the entire 24 hours to Field Day. In addition to giving us an opportunity to keep our emergency preparedness skills sharp, it's a whole lot of fun!



SEE YOU THERE!!

73,
Greg Schatzmann, VE3GJS.

If you can't pay as you go , you're probably going too fast!

"Maintenance-free" really means that when it breaks, it can't be fixed.

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de Vic, VE3LNX.

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193	232	180
191	255	166
195	249	146
196	268	135
197	267	136
198	268	142
192	252	143
183	236	159
205	229	160
212	221	160

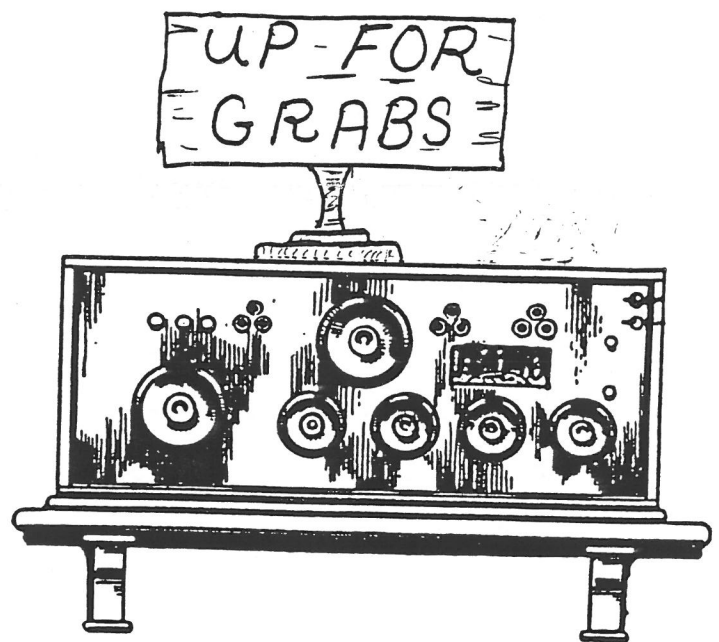
AVERAGE SOLAR FLUX NUMBER FOR THE MONTH OF APRIL IS 198.9

For Sale; Estate Sale of Equipment
 ICOM IC-730 asking \$800.
 Azden PCS-2000 2 meter mobile \$300.
 Kenwood TS-520 xcver base \$500.
 Yaesu Landliner Phone Patch \$100.
 USD Speech Processor \$ 50.
 Bearcat VHS Scanner 8 track \$ 50.
 Contact Peter Braun (416) 297-1696

FOR SALE: Estate Sale of Equipment
 ICOM 735 & PS 55 Power Supply \$1000.
 TR4c Drake xcvr c/w speaker \$ 350.
 Murch xmatch UT2000A \$ 225.
 SB200 Linear Amp. \$ 350.
 Drake LP filter \$ 20.
 MFJ NoiseBridge \$ 60.
 RS22-202A multimeter \$ 18.
 Allied solid state rcvr A2515 \$???.

Contact
GLEN, 3AEQ (416) 725-6408

FOR SALE: Yaesu FT209RH, 5 watts, c/w charger, two antennas and manual. best offer! Charlie Phillips, VE3EII, (416) 852-3506





FOR SALE: "MFJ-1278 Data Decoder release 3.4 with power supply, cables, 3 manuals and upgrade coupon. Also includes MFJ-1284 software for IBM and compatibles. Original packaging, purchased March 1991, \$275.00 -- call Jim Housego (416) 655-4003

GIANT SALE! Prices slashed! No GST!! Cash n' Carry! Honeywell chart recorder, 10 inputs! Only \$18., this month! 110 vac line regulator, heavy duty. Only \$18., this month! RTTY Model 28 complete with demodulator, spare paper and a remote printer. This stuff is like brand new! The whole works for only 50 bucks. Come and get it while I'm feelin' weak!! R1155 Lancaster Bomber Receiver complete with AC power supply, I've gone crazy!, come and take it away before I cry! Yours

for a paltry \$50.00!.....Will it never end?? Howze about another teletype set, more modern than the model 28, I can't remember what its called but I bought it to use as a printer for my kids Vic 20. The kid ain't a kid any more and there it sits collecting dust in the barn. A conversion for this was printed in 73. You've got it for 10 bucks! WANTED: Any of the nick named ARC-5 sets, receivers and transmitters working or not. Must be reasonable. Call Ed. Taylor, VE3FRM. (416) 985-3790.

V E 3 C N E

Plans are currently being finalized for this year's Amateur radio operation in the Hobbies and Crafts building at the Canadian National Exhibition.

VE3CNE will be on the air from August 14 to September 2 and, as usual, the North Shore A.R.C. will be taking part. Our club day is the Saturday of the Labour Day weekend, which this year falls on August 31st.

Some changes this year include the addition of a small sit-down "theatre" that will encourage the public to take a load off their feet, while at the same time watch videos, and hopefully become interested in Ham radio.

Improvements are being made to the VHF antenna system. Some new Heliac is being installed and the antenna brought closer so as to improve the performance of VHF and packet operations. Which reminds me, packet operators are especially encouraged to come out this year. Last year there simply weren't enough to keep the packet operation going all the time. I think it's very important we show the public, especially the computer-minded youth, that computers and Amateur radio can operate together.

Also, we are in need of your shack photographs. There's not a formal photo contest this year, but shots of your radio station are still wanted to show off to the public at the display. Please forward your photographs to myself, or any executive member of the club.

A sign-up list was available at the May meeting, and will be out again at the June meeting, so please get your name down if you can take part this year. Admission to the CNE is provided for those who participate.

Those who've been there in the past can tell you it's a great day. You'll have a chance to operate some state-of-the-art Ham equipment, chat with friends, and most importantly, spread the word about our hobby.

So don't forget, Saturday, August 31st, is NSARC's day to operate VE3CNE.....Don't miss it!!

73, Greg VE3GJS.

NEXT MEETING: Greg Schatzmann VE3GJS, will be giving a talk on field day, the whys, wherefores, and its roots. A Field Day video will be shown also. Hopefully in September, Greg will be giving a guided tour through radio station CHOO's giant transmitter. (keep your hans in your pockets and touch nothing!).

SERMON ON THE MOUNT: Since this is the last Snooze Letter 'til the Speshul Summer Edition, (due late July) I'd better mention the July 8th meeting. Sermon on the Mount! This is another club tradition! Everyone gets together at the repeater site for a gab-fest and a boo at the workins of good ol' OSH. This meeting and the corn roast are the two best meetings of the year. An invitation has been sent out to the Pickering Club to join in on the festivities. Hot Dogs n' pop will be served along with a lot of good humor. I believe it was the late Eddie Wharburton who concocted the name "Sermon On The Mount" and it has stuck ever since. Tony Ward from the Pickering Club will have his portable 14" reflecting telescope there and Mike 3DKW may bring his. Hopefully, John 3BGH will bring his Steam Engines again. He puts on quite an interesting show and attracts a good crowd. Maybe Eric 3HMG will bring his Electric Airplane or some other interesting gadget that he may have. Have you got something for "Show n' Tell"? If so, bring it along. The whole gang will be there! In case of inclement weather, stay tuned to "OSH".

CORN ROAST: August the 12th is the target date for this function. There is always a good turn out for this meeting and everyone has a swell time. More on this in the "Speshul Summer Edition!"

SILENT KEY: Sorry to end on this sad note but Al Derumaux, VE3JV passed away in the last week of May. Al was a long time member and he will be greatly missed by the gang.

Ham Service Telephone Numbers

AEA	Customer Service	(206) 775-7373	
Alinco	Customer Service	(213) 618-8616	
	FAX	(213) 618-8758	
	Service	(419) 531-3024	
Ameritron	Service	(419) 531-3024	
	Azden (Am Whole)	Customer Service	(404) 769-8706
		Repair (from 2-4 pm only)	(404) 769-8706
B & W	FAX (from 7 pm - 10 am)	(404) 769-7970	
	Customer Service	(215) 788-5581	
	Service/parts/technical information	(512) 398-7117	
Butternut	Service/parts/technical information	(603) 627-7879	
Cushcraft	Service/parts/technical information	(603) 627-7879	
ETO	Customer Service	(719) 260-1191	
Hy-Gain	Rotor Parts	(402) 465-7021	
	Antenna/Tower/parts	(402) 465-7022	
	Technical Assistance	(800) 328-3771	
	Service	(206) 454-7619	
ICOM	Parts	(206) 454-8155	
	Customer Service	(212) 355-1180	
JRC	Customer Service	(212) 355-1180	
Kenwood	Service	(213) 639-7140	
	Parts	(213) 639-9000	
	FAX	(213) 609-2127	
	FAX	(213) 609-2127	
	Service/parts	(601) 323-5859	
MFJ	Service/parts	(601) 323-5859	
Telrex	Customer Service	(201) 775-7252	

[Credit: via Packet Network]

Don't forget the Seventeenth Annual Ontario Hamfest put on by the Burlington club! July the sixth. It starts at 9:00 AM at the Milton Fairgrounds. Talk in frequency is VE3RSB, 147.810 input, 147.210 output. There will be all kinds of prizes, demo's and displays, not to mention all the boat anchors you can carry.

Many construction projects offered in popular magazines are beyond the scope of the average ham's abilities, and often, ambitions. Some are worth reading about, and a few even worth building. It's the rare project which is simple and quick to build and which results in a worthwhile addition to your shack. This antenna has been

built, used and greatly appreciated. You don't need a rocket scientist with the patience of Job for this one. With Mike's help, a happy and rewarding conclusion can be yours.

The center-fed colinear is an effective antenna. It needs no ground plane and provides usable gain over the average vertical. It is basically 2 5/8th's in line. A sturdy design, it is ideal for a balcony

antenna with good gain, or a permanent rooftop installation. This version uses every-day plumbing materials: 1/2" copper piping and fittings. 12' of pipe, 4 90° elbows, 2 T's...you can literally build it for peanuts. (Have you checked the price of peanuts recently?) Anyway, \$15 or less, I guess, would see this antenna project completed.....ed.

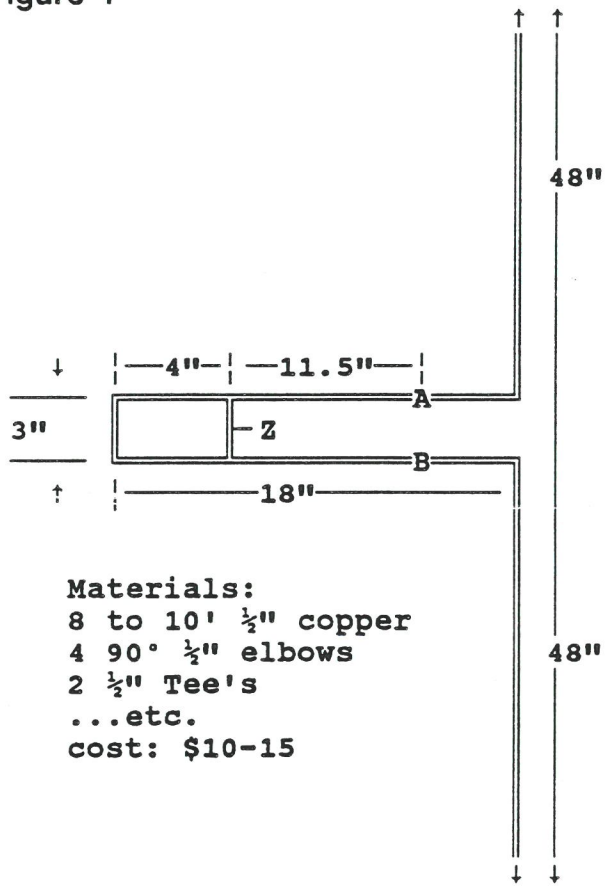
I'm not sure who owns this design, but I thought I would pass this on:

Some copper pipe and a little work with a propane torch will give you a 2 metre antenna with some real gain. Construct the antenna as described in the diagram.

looks dull and lumpy, then you didn't apply enough heat for it to flow.

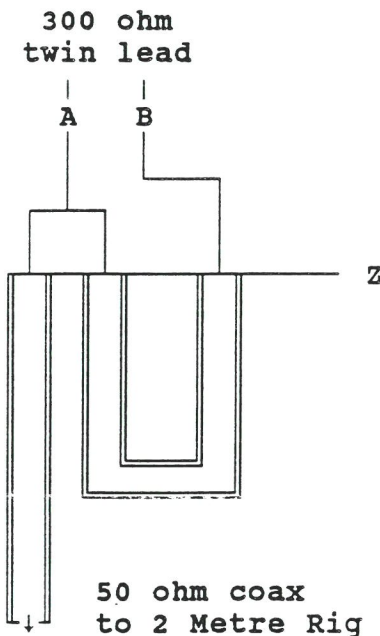
Use a 4:1 balun to match antenna to 50Ω coax. A balun is easy to construct using RG-58. Form a U of a 13" length of RG-58, with 1/2" of centre conductor and 1/4" of braid exposed.

Figure 1



- Materials:**
 8 to 10' 1/2" copper
 4 90° 1/2" elbows
 2 1/2" Tee's
 ...etc.
 cost: \$10-15

Figure 2



Bind and solder the braid ends together with the braid of rig's coax. (Careful of insulation). Solder the center conductor of one side of the loop to the center conductor of the rig's coax. This gives you 3 antenna connections: ground, and balanced feed. Connect the ground to point Z, and the 2 feeds (via TV twin-lead) to A & B, about 11.5" from the section on which point Z is located. Adjust these feedpoints for best SWR if necessary, moving them simultaneously until the SWR is at a minimum.

When soldering copper pipe, clean with sandpaper and use lots of flux. Heat the joint with the torch and hold the solder to the pipe. When parts are hot enough, the solder will flow around and permeate the joint. If the solder