

FROM: THE NORTH SHORE RADIO CLUB INC.,  
P.O. BOX 171, OSHAWA, L1H 7L1.



SUPERVISOR - SUPERVISEUR  
JAN 8 1982  
OSHAWA, Ontario  
L1H 4G0

JAN 1982

TO: RALPH DAY, NEBORK  
454 HOLCAN AVE  
OSHAWA  
L1G 5X6

" S P A R K S "

THE NORTH SHORE AMATEUR RADIO CLUB INC.

Jan. 1982 EDITION

OFFICERS & EXECUTIVE

Directors	Colin Bell	VE3CEU	723-7842
	Bob Elston	VE3LLE	725-5124
	Bob Leet	VE3LLZ	725-1236
	Mac McFarlane	VE3IKG	723-8484
	Hank Verwoerd	VE3FHV	571-0863
President	Bob Elston	VE3LLE	725-5124
Vice-Pres.	Mac McFarlane	VE3IKG	723-8484
Treasurer	Hank Verwoerd	VE3FHV	571-0863
Secretary	Colin Bell	VE3CEU	723-7842
Registrar	John Pluister	VE3FGL	655-4269
Get-Well-Cards	Ted Brant	VE3ADD	668-3561
Editor	Doug Smith	VE3MKC	705-786-2086
Tech. Editor	Position Open		

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Club Repeater: VE3OSH 147.72 In.  
147.12 Out.

Club Station: VE3NSR

NETS:- The 2 Meter Net meets every THURSDAY on the club repeater at 19:30 local, with Roy VE3AAF at control.

The 10 Meter Net meets SUNDAY at 10:00 local, on 28.200Mhz. (plus or minus beacon QRM).

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N E X T M E E T I N G

The next meeting will be back at the old stand, the cafeteria of O'Neill C.I. This is the first get-together of 1982, so come on out and greet and meet old friends and your new executive. Don't forget the "Early-Bird" draw for those wise enough to pay their membership dues before the meeting.

## NEWS AND VIEWS

First off, this desk's congratulations to the newly elected executive. Certainly a mixed bag of politicians if ever I've seen one. An ambitious and entertaining year is about to befall us. New blood, new ideas, lots of experience and energy. Good luck.

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The big news, and to confirm the scuttle-butt that has been going around, we are indeed going to have a "Ham-Radio Market" this spring. Basic details: Date; Sat. 3rd Apr. 1982. Location; Ajax Community Centre. Time; From 0700 to 1400 local. You can arrive early and see everything and still have a good part of the day to fulfill those regular obligations we all have.

This is a cooperative effort between the South Pickering Club and ourselves. Our three member group is working with a like group from Pickering, and are acting as chairpersons (hate that expression). Don VE3HYW, John VE3FGL, and Mac VE3IKG have taken on the task of getting you people, the membership, to help any way you can. This means anything from just turning up and having a look around, to volunteering to give a hand with the many small chores that go along with putting on a really well organized function as this. Do not be shy. We really need lots of help.

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Without getting involved with actual figures, VE3OSH does not run on good wishes or luck. It is a very good machine, but money is always necessary. Please send along whatever you feel you should to maintain the operating efficiency of the past. Your donations are duly recorded. (although not tax deductible).

# # #

Air-core, ferrite-core, or coax type, BALUNS ARE BETTER!!!

Anon.

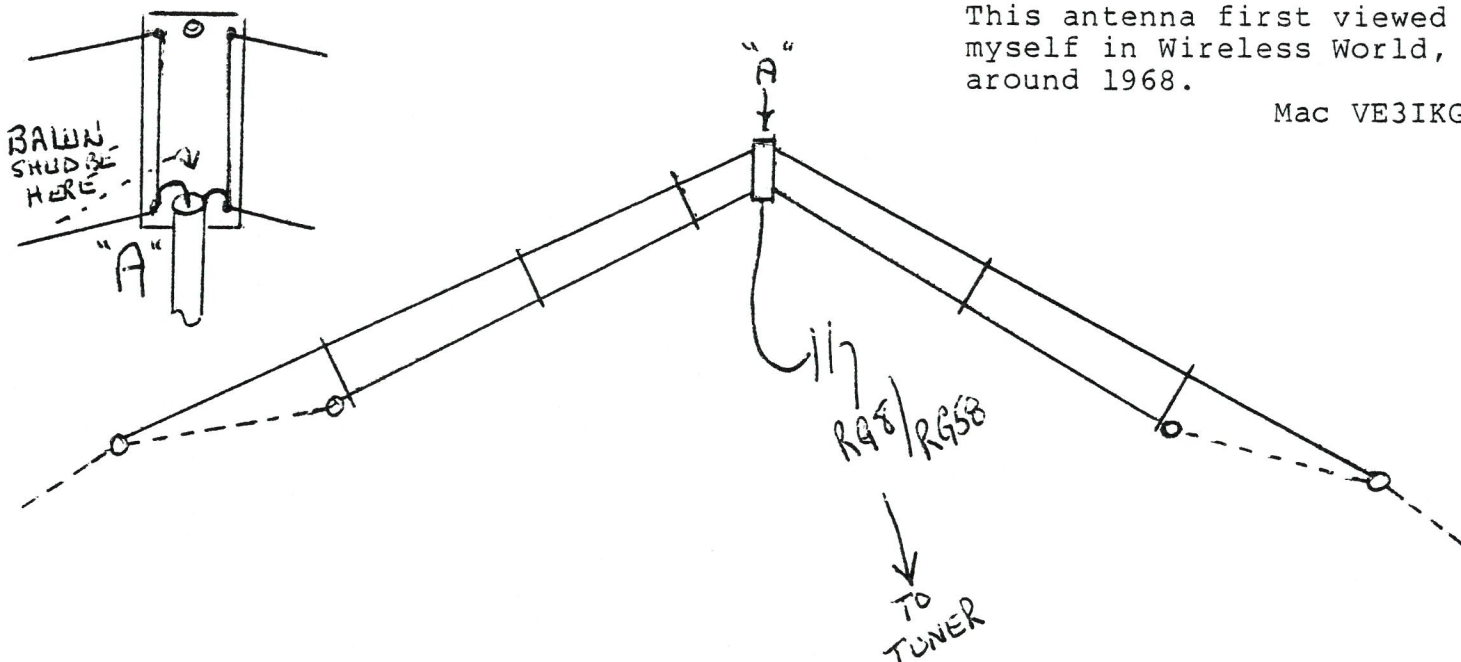
For those hams who have tried the famous (or infamous) G5RV all-band dipole, and are happy with it, please move on to the next page. For all people who have put up this wonderful radiator (sometimes all bands simultaneously) and have had SWR, harmonic, or other problems that come with this type (all-band) of sky-wire, then read on.

The sketch will tell most of the story. A few hints will be given to end up where I did after much pruning and head-scratching.

Basic description: It is a two-wire dipole, centre fed. Feed-point Z is approx. 200R. It is used here as an inverted Vee but was originally designed as a flat-top.

1. Centre insulator is a 6" x 10" x 1/4" plexiglass. The reason for a larger centrepiece is to reduce interaction of the two elements as much as possible.
2. Element spacers are "golf club tubes" cut to make two 15" separators. The same reason for this as in item number one. I took an icepick and made a hole about 1" in from each end, and then after the spacers are in position made about two wraps of vinyl tape to make them stay put.
3. The longer element is 55' each side of centre. This operates on 80/20/15M. The shorter element is 40' 6" each side of centre and works on 40/10M. Keep in mind that I was using this as an inverted Vee and originally cut the elements about one foot long each side of centre.
4. The feedline was RG8U to a 4:1 balun at the feedpoint. My balun was a 3KW type only as a precaution against saturation. The RG8U was used to reduce losses if and when SWR was high.
5. Use a tuner. This makes the operator, the feedline and the neighbours all feel better.
6. I could list here all the wonderful contacts that were made but suffice to say that it "gets out" great. Do not panic if you can't get nice looking SWR graphs. Speaking of which, each time you prune, and you are going to prune for your favourite freq. or band, take the time to do a check for interaction. I.E. if you touch up one element it possibly could affect the resonant freq. of the other.

Below is a rough (understatement) sketch of the beast.



This antenna first viewed by myself in Wireless World, around 1968.

Mac VE3IKG.

SELL----SWAP-----BUY

FOR SALE: Call-Books, 1979 U.S. \$5.00, and 1981 U.S.  
\$10.00. A Freq. counter Micronta 50Mhz.  
c/w pouch etc., \$50.00. Contact

Stan VE3MDV at 705-738-3336.  
(Fenelon Falls)

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WANTED: Sharp CW xtal filter, audio filter, or "Q"  
multiplier type, to be used with Heath Comanche.

Contact Bernard Ferris 668-6177.

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FOR SALE: Tri-band transceiver. Eico 753. Excellent first  
rig. 100W out on 80/40/20M. This one does not  
drift. Make an offer to Jack at 725-9464.

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WANTED: External VFO, tuning 6 to 8Mhz.

Call Moe 705-277-2984.

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FOR SALE: Yaesu 207R, c/w DC and AC charger, batteries etc.,  
\$450.00. Also Motorola HT220s (2) \$250.00 ea.

Call Phil at 655-4069.

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WANTED: Teletype machines. Any type or model. Set your  
price and call Phil.

655-4069.

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FOR SALE: Dummy-Load. Quart size, up to 200W. Filled with  
special oil. \$18.00 or 2 for \$30.00. Still have  
some of the special oil for anyone who requires.

Call Mac at 723-8484.

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THIS SPACE AVAILABLE AT NO CHARGE

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REMEMBER 1982 MEMBERSHIP DUES ARE SUPPOSED TO BE IN BY  
JAN. FIRST OF THIS YEAR. WITH A NEW EDITOR, AND LOTS OF  
NEW IDEAS YOU WOULDN'T WANT TO MISS EVEN ONE ISSUE OF THIS  
ILLUSTRIOUS JOURNAL.

