

The NORTH SHORE AMATEUR  
RADIO CLUB INCORPORATED  
P.O. Box 171  
OSHAWA, Ontario L1H 7L1  
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June 83

To:

VE3CRK  
DAY RALPH  
454 HOLCAN AVE.,  
OSHAWA, ONT.  
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# SPARKS

The Official Organ of  
THE NORTH SHORE AMATEUR RADIO CLUB, INCORPORATED.

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## OFFICERS & EXECUTIVE:

<u>PRESIDENT</u> .....	DOUG SMITH.....	VE3MKC.....	786-2086
<u>VICE-PRESIDENT</u> .....	RALPH DAY.....	VE3CRK.....	576-8738
<u>TREASURER</u> .....	MAC McFARLANE.....	VE3XI.....	723-8484
<u>ASSISTANT TREASURER</u> .....	HANK VERWOERD.....	VE3FHV.....	571-0863
<u>SECRETARY</u> .....	COLIN BELL.....	VE3CEU.....	723-7842
<u>REGISTRAR</u> .....	JOHN PLUISTER.....	VE3FGL.....	655-4269
<u>EXECUTIVE ASSISTANT</u> .....	DON DEWEY.....	VE3GEN.....	668-0577
<u>GET-WELL-CARDS</u> .....	TED BRANT.....	VE3ADD.....	668-3561
<u>EDITOR</u> .....	EDDY SWYNAR.....	VE3CUI.....	723-4326

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--JUNE 1983--

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CLUB STATION.....VE3NSR

CLUB REPEATER.....VE3OSH 147.72-MHz IN,  
147.12-MHz OUT.

CLUB NETS....."2-METERS NET" each THURSDAY via VE3OSH  
at 1930-local, Net Control VE3AAF;

..."~~10-METERS C.W. NET~~" each SUNDAY at  
0900-local, 28.200-MHz  
(± Beacon **\*CANCELLED\***, Net Control VE3CUI;

..."10-METERS RAG CHEW S.S.B. NET" each  
SUNDAY at 1000-local, 28.200-MHz  
(± Beacon QRM), Net Control ???

..."BARGAIN BASEMENT NET" each MONDAY via  
VE3OSH at 1930-local, Net Control  
VE3XI.

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LAST MEETING ...A contest tutorial on the 10th of the last, complete with one dozen doughnuts for the winning pile-up team. Many thanks to Tony, VE3IAT (a.k.a. RU4DX) for his assistance and presentation on how it feels to be at the other end of a DX pile-up.

NEXT MEETING ...Tuesday 14th June 1983 (the last meeting until Autumn)...

Monthly Club meetings are held at 2000-local, on the 2ND-TUESDAY of every month, in the cafeteria of O'NEILL COLLEGIATE, Simcoe Street North, OSHAWA (note that there are no Club meetings or Bulletins during the months of JULY and AUGUST).

Field Day, Field Day, and more Field Day---a veritable orgy of of FD activities, past & present, awaits your presence at the next session.

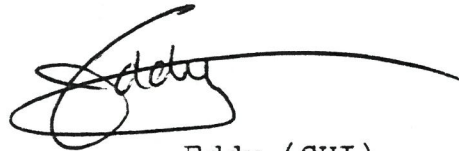


FROM THE EDITOR...

The Winter/Spring "season" of N.S.A.R.C. Inc.---what I affectionately refer to as "round one"---will be officially ended with the pulling of the last stake at FD on Sunday 26th June 1983. As your "beleagured" bulletin editor, the best that I can muster-up at this time is a paltry, "Hurray for holidays!" Hi Hi.

What have we accomplished? Did we attain the goals we set ourselves out to attain? Indeed, did we so much as have goals in our sights when we began the new year? These are not questions aimed necessarily at your Club Executive; you are as much a member of VE3NSR as "the next guy"---what have you done? How have you grown within the overall scheme of things, or are you now yourself just so much "static", content to simply drift along, "going with the flow"? Food for thought during the vacationing months of July & August.....

Here's wishing you & yours a safe & happy Summer. From myself, Jeeves, Grommethead, & all the gang, "Enjoy!" See you Tuesday 13th September 1983, 8:00 pm sharp, at the ol' stand. Have a care.



-Eddy (CUI)

GUEST EDITORIAL...

Well, not so much a guest editorial as such, but none-the-less, words of wisdom from the Central Lake Ontario Conservation Authority, our hosts for Field Day '83. To wit:

-CONSERVATION AREA RULES-

- Conservation Authority property must not be removed or damaged in any way. Similarly, destruction or removal of any natural objects (excluding game fish in season) is prohibited, except by Authority permit.
- Build fires in the fireplaces provided. Never leave a fire unattended.
- Place garbage in receptacles provided.
- Camping is allowed by Authority permit only.
- Possession of firearms is prohibited.
- Speed limit on roads is 10-km.p.h. Park in designated areas only.
- Snowmobiles and trail bikes are prohibited.
- Horses or vehicles of any type are not allowed on nature trails.
- Vending, soliciting and advertising are prohibited, except by Authority permission.

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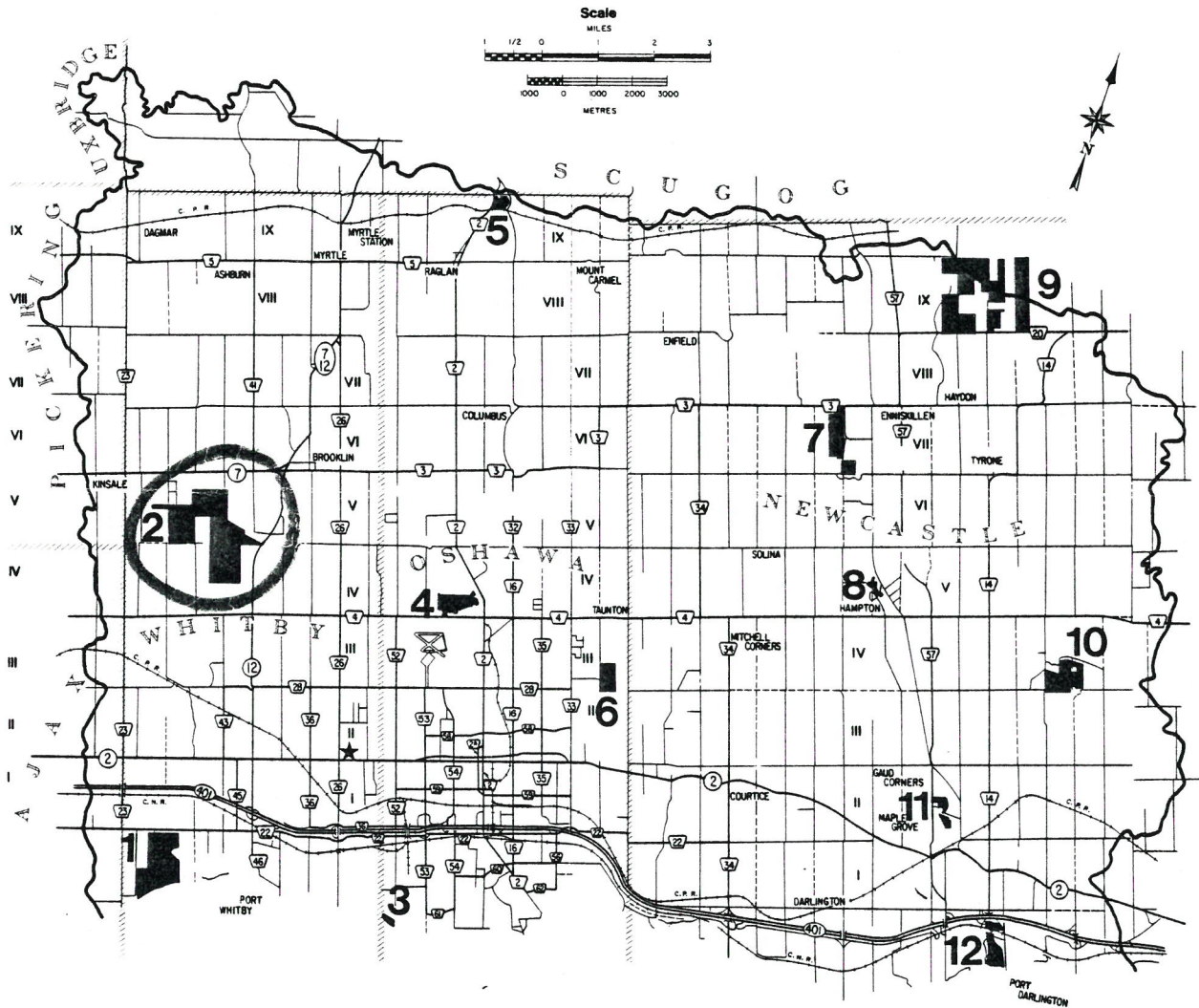
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--Clubs, school groups, or other organizations wishing to use the Conservation Areas must make application to the Authority office.

--The Liquor Control Act is enforced.

--All Conservation Areas are closed from dusk to dawn, unless otherwise indicated.

--The Central Lake Ontario Conservation Authority reserves the right to refuse entry or eject any person or persons whom the Authority deems detrimental to the Conservation Area.



Area #2 (i.e. circled) indicates the location of HEBER DOWN, site of Field Day '83. Still lost? Monitor VE3OSH for live directions on the day of the event. Come one, come all, but come early! (FIELD DAY: 1800-GMT Saturday 25 June until 1800-GMT Sunday 26 June 1983).

# I CAN'T GET ON 160---ZATSO?...

Summer is hardly the time to beat the bushes on "top band", what with all the QRN & all....or is it?

Herewith is a cheap, simple, & effective way for you to see what's doin' when the bandswitch on your rig is set at 160.....

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If your transmitter and receiver have 160-meter capabilities but you have no antenna, hence no 160-meter work, don't despair! So what if you can't hang up 260' for a centre feed dipole, or even a 130' end fed wire. Here's what to do and its very simple. I did it and it works.

Step 1: Make a coil about (but not necessarily exactly) 2" in diameter and consisting of 65 to 75 turns of #18 enameled wire, close wound. This is L1 (A & B). See Fig. 1.

Step 2: Form a link of 8 turns of #16 enameled wire at one end of the coil form used to wind L1. This link we call L2 (C & D). See Fig. 1.

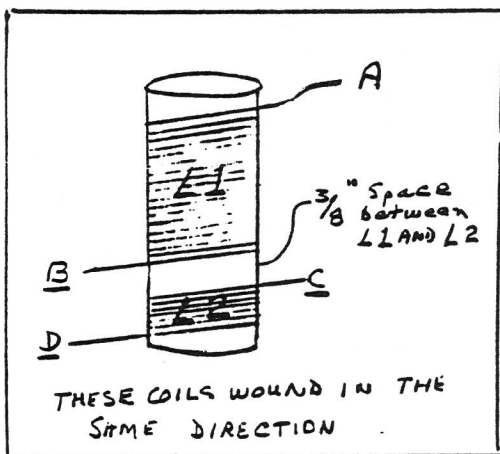


Fig 1

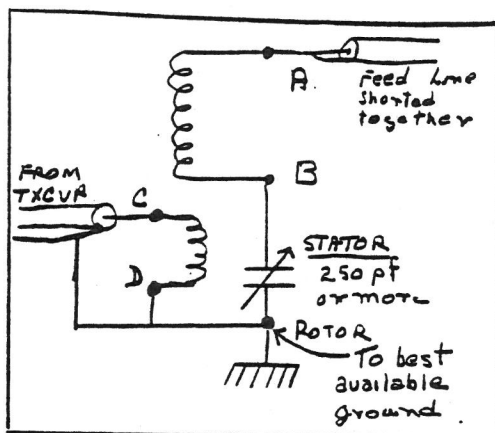


Fig 2

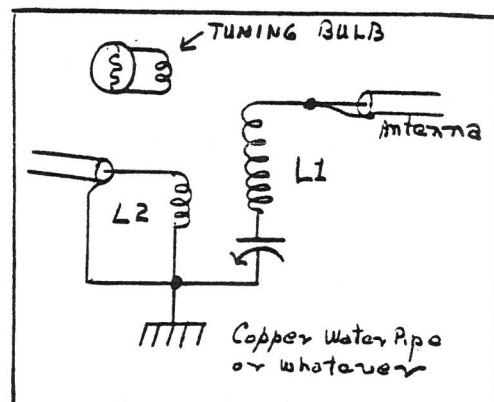


Fig 3

Step 3: Connect a 250-pf (or more) variable capacitor as indicated in Fig. 2. Your feedline can be from your 80- or 40-meter dipole, or any wire that is 60' or more in length. See Fig. 2.

TUNING: For tuning, use a flashlight bulb or a pilot lamp connected to a one turn link of wire. When L1 is resonant and the tuning bulb is brought close to L1, the bulb will light up so that it can be used effectively as a tuning aid. See Fig. 3.

Simple, what? CU on 160!

-MORRIS (VE3DEO)



HOW...

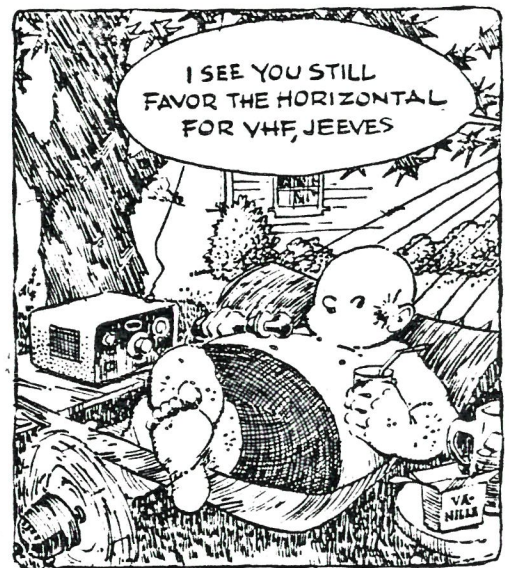
We'll kick off the new year with word from an old friend. As we've always said, everything happens to our poor pal Grommethead Schultz---everything and anything. Bumped into him downtown last week. As usual lately, a tattered copy of the latest ARRL Licence Manual peeked out from his hip pocket.

"But Grom, we thought you had it sewed up. A month ago you said you were all set for your Extra. 'Nothing to it.' That's what you said, OM. 'Nothing to it.'" He looked forlorn, much more beat than usual. Even his boppin' was out of sync. Over an anchovy pizza he spun one of his saddest tales.

Schultz told us how he tackled the Extra with his usual scientific cunning. Sleep-learning. That's right, snooze study. Rigged himself question-and-answer tapes and bedded down at night with the hi-fi going. Nothing to it. By daybreak Grommethead was an electronic encyclopedia. It was mostly QSB by noon, of course, but FCC has a morning session. Neat!

The night before his exam he turned it up loud. So loud he had a rough time dozing off. But he counted sheepskins and that did the trick. Next morning he grabbed an egg, some coffee, his slipstick and confidently headed for the Friendly Candy Company.

Says he sensed something was wrong as soon as he sat down at FCC. Never sent such code in his life, the rockin'est, sock-in'est, swingin'est stuff you ever heard. It had the R.I. and half the class jumpin' and stompin' for more. "Hit it!" Three YLs in front screamed and swooned. But then came the questions. None of the answers seemed to fit. Like.....



(TNX "QST," SEPT. 1966).

8. HOW DOES AMATEUR TVI USUALLY AFFECT TELEVISION RECEPTION? "She's leaving home after living alone for so many years," wrote in Schultz.

10. WHAT IS THE MEANING OF THE TIME CONSTANT IN A RESISTANCE-CAPACITANCE CIRCUIT? "Will you still need me, will you still feed me, when I'm sixty-four," answered Grommethead.

33. HOW SHOULD A WAVE TRAP BE CONNECTED TO A RECEIVING ANTENNA CIRCUIT TO ATTENUATE AN INTERFERING SIGNAL? "I'm fixing a hole where the rain gets in, and stops my mind from wandering," Grom scribbled.

58. WHAT ARE AURORA-REFLECTED V.H.F. SIGNALS? IF SUCH A SIGNAL IS HEARD, WHAT DOES IT SOUND LIKE? "Lucy in the sky with diamonds," he wrote.

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78. GIVE SOME PROVEN METHODS OF HARMONIC REDUCTION IN TRANSMITTERS. "I get by with the help of my friends, yes with the help of my friends," explained Schultz.

You can see how it went. He didn't make it. Not only did Grommethead flunk; on leaving the place he hopped a chair and hollered, "It's certainly a thrill/You're such a lovely audience/We'd like to take you home with us/We'd love to take you home." The Inspector, a stern duffer with furry eyebrows, chased him down the stairs.

What went wrong? You ought to know Grommethead's nephew Humboldt Schultz to fully appreciate the answer. On that last fateful night Hummy, a real swinger, finally got fed up with the technical tripe on Uncle Grom's stereo. He cut in the Beatles instead.

-ROD NEWKIRK  
(W9BRD).

(Reprinted from the "HOW'S DX?" column of "QST" for January 1968).

### BITS & PIECES...

Depressing indeed to report on the recent death of TOMMY (DHT), one of the original local "Haeggis Bashers" and spirited supporter of Amateur fun & goodwill both on & off the airwaves. Also saddened to learn of the serious illness of old friend BILL (EWA); to those young squirts that don't know him, Bill is one of the original proponents of our own 10-meter Sunday morning net .... The C.N.E. Operating Committee has as its objective the revitalization of VE3CNE; wanta help? Contact local head honcho EVAN (IND) .... A reminder to those ops in the Club participating that the annual Nonguon Canoe Race will be held on 4th June .... Congrats to TONY (IAT) on being named official N.S.A.R.C. delegate to this year's R.S.O. convention; Tony's slated to address the members of that august body on other matters as well .... Old news by the time this is read, but VIC (IHK) will be visiting family & friends in former stomping ground Austria; naturally, besides the XYL, the rig will be coming along as well, as Vic signs his call "/OE" .... The 10-meter c.w. net is officially dead; extremely disappointed in the fact that out of some 120+ members, N.S.A.R.C. could only muster a handful of check-ins to this weekly ex-event with any regularity. Many thanks none-the-less to stalwart c.w. hounds 'EWH, 'IND, 'MLW, & 'NBV for their past support of this exercise .... "Where's my Bulletin?" An oft-heard cry of the past unfortunately, but not for long; the general membership is hereby notified that "Sparks" addressing chores have become computerized, thanks to PAUL (LHZ). All upcoming address changes should now be directed to Paul as well as to JOHN (FGL), with the realization that computer re-programming can take some time to effect. Remember gang, "Patience Is A Virtue" .... Still need Rwanda for DXCC purposes? Check STEW's (NBV) weekly sked with WES---9X5WP--- on Sundays at 1900/2000-GMT, 21.275-MHz. Forewarned is forearmed: Wes likes QRPP (would you believe 2-watts?) so listen carefully at the appointed hour, & don't butt-in until such time as Stew has concluded his business with Wes. Tnx .... Don't forget the annual N.S.A.R.C. corn roast; time & place will be announced late this Summer.



## FIELD DAY "BRING" LIST...

Ah, Field Day....remember the one 'way back, when you brought plenty of scratch paper, but no paper of the "squeezably soft" two-ply variety? Sure kept you scratchin' all weekend, didn't it?

Never more! We hereby humbly present the official "FD '83 Bring List"; use it as your guide to this year's event & then all you'll have to worry about is crackin' the pile-ups.....

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### THE PRACTICAL YOU:

- BACK-UP TRANSCEIVER (just in case);
- TRANSMATCH (why worry about SWR?);
- LONG EXTENSION CABLE (unless you like generator noise & exhaust fumes);
- HEADPHONES (to avert "outside" QRM);
- HEADPHONE SPLITTER (you want your logger to hear too, right?);
- KEY/KEYER/BUG (even if you never use one, for that "personal" touch);
- SOLDERING GUN & SOLDER (where's one when you need one?);
- FUSES (optional: your rig may have a circuit breaker);
- LOTS OF PAPER & PENS (practical, besides impressive-looking);
- LIGHT FIXTURE + BULB (can't log by the gleam of the rig's pilot light, can you?).

### THE SPOILED YOU:

- FOOD (besides your main meals, musn't forget in-between-QSOs snacks);
- DRINK (your favourite brew, within limits of C.L.O.C.A.'s rule #11, of course);
- SWEATER/JACKET (believe it or not, evenings in June are cool);
- BOOTS (FD mornings are dewey--- apologies to Don);
- HAT (in case it rains, or becomes extremely sunny, you can't lose);
- LAWN CHAIRS (FD can be tiring);
- BOTTLE OPENER (no two car trunks are the same anymore);
- ASH TRAY (what self-respecting contest-man would be without?);
- TOWER BANNER (hoist your true colours for all to see---besides, they're fun to steal in the middle of the night).

And last, but by no means least, bring YOURSELF to Field Day '83---you owe it to yourself to have a little fun & comradeship in Amateur Radio, if only for once a year. Got a friend interested in this game of ours? Good. Take him/her along to the event, too. Who knows? This could be their first step to the hobby of a lifetime.

## THANK-YOU...

The very enjoyable past six months as "bulletin editor" would have been vastly different, were it not for the assistance & encouragement of one particular chap in our Club....

Thanks, MAC (XI), for addressing yourself to the tedious monthly chores of copying, folding, stapling, and mailing "Sparks". Here's hoping that the balance of the '83 year yields as many, if not more, "fun" dividends as the first half. Oh, yes---keep-up the fine art work, too. Your services are much appreciated by all.



\$HOP, \$WAP, & \$WINDLE...

Someone mailed me a line last month in regard to a free/gratis give-away-to-a-good-home batch of recent QSTs; unfortunately, your scribe's tidy & efficient XYL cleaned house, & you guessed it, no letter.

Consequently, an appeal: would that particular anonymous would-be donor please stand up at the next Club meet & so be counted?... ..that, or check in to the BARGAIN BASEMENT NET & announce **your** wares therein. Thanks & apologies both, from yours truly.

Now on to this month's goodies.....

FOR SALE---DUMMY LOADS, 160- thru 10-meters at 200+ watts, ea. \$18.00 or 2/\$30.00. Also have available kits for same. MAC (XI) 723-8484.  
KITS CONTAIN CAN, UHF COIL, RESISTORS AND PC BOARD, FOR \$8.00.

WANTED----Looking for 2-METER OPERATORS for July 1st & 2nd, for "Robbie" & Pickering Village Soccer Tournaments. Field locations in Pickering & Ajax. Contact MAL (KXH) 987-5488 (Newcastle).

FOR SALE--HEATHKIT SB-401 & SB-301 transmitter/receiver combo. Includes all crystals, monitor jacks, manuals, etc. COMPLETE; built by VE3CK. Excellent condition. Asking \$750.00 for pair.

+  
ANTIQUA C.P. RAILROAD TELETYPE PRINTER, one of the originals. Works FB. Has auto-start, works on perforated paper tape. Some spare parts, can be used for RTTY. Asking \$125.00. Contact JOHN (ILB) 728-6095.

LATE NEWS

"NEXT MEETING": ANY ONE WITH SLIDES OF PREVIOUS "FIELD DAYS", PLEASE BRING THEM ALONG. THERE WILL BE A PROJECTOR AVAILABLE.

"CNE STATION": VE3MKC (DOUG) IS LOOKING FOR ENOUGH VOLUNTEERS TO MAN THE CNE HAM STATION. IF YOU CANNOT BE AVAILABLE (DATE TO BE DECIDED) A DONATION OF ANY SIZE WOULD HELP OUT WITH THE RENTAL COST OF THE FLOORSPACE. SEND DONATIONS TO: 1983 C.N.E. AMATEUR RADIO PROJECTS, c/o 44 INNISDALE DR., SCARBORO, M1R1C3

HELP WANTED: "HIGHLAND GAMES", SAT. AUG 6, CONTACT BOB VE3GND or DON VE3HYW (985-8197). (576-7314)

"SOCCER TOURNEY" JULY 1<sup>ST</sup> & 2<sup>ND</sup>, CONTACT MAL VE3KXH (987-5488)

