



# NORTH SHORE AMATEUR RADIO CLUB INC.

Nov/91  
P.O. BOX 171

OSHAWA ONT. L1H 7L1

# NSARC SPARKS

PRESIDENT	RICHARD BUTTON	VE3RJB	725-7150	2-METER NET CONVENES EVERY THURSDAY AT 7:30 PM ON THE CLUB REPEATER VE3OSH, AS PART OF THE REGULAR AGENDA BERNIE VE3ATI PROVIDES CODE PRACTICE FROM 8:30 PM UNTIL 9:30 PM EXCEPT FOR JULY AND AUGUST WHEN BERNIE GOES ON HOLIDAYS.			
SECRETARY	ANDY KALNINS	VE3LCZ	668-0805				
TREASURER	MIKE SHERBA	VE3DKN	723-7674	COORDINATORS			
PROGRAM DIRECTOR	PETER JOHNS	VE3HWZ	723-9049				
VICE PRESIDENT	MARGARET JEFFERY	VE3DNN	725-1238	CLUB HISTORIAN	MIKE SHERBA	VE3DKN	723-7674
REGISTRAR	KEITH MYARD-SCOTT	VE3GDF	723-5758	A.R.E.C. COORDINATOR	MARGARET JEFFERY	VE3BNN	725-1238
SPECIAL EVENTS COORDINATOR	RALPH DAY	VE3CRK	576-8738	ROCHESTER BUS TRIP	FRED BENGEL	VE3T16	576-4839
GET WELL CARDS	COLIN BELL	VE3CEU	723-7842	NONOON CANOE RACES	GLEN GOSLIN	VE3L12	723-1545
2-METER NET CONTROL	ROY HILLER	VE3AAF	852-5447	RIDE FOR THE HANDICAPPED	RAY ZAMBONELLI	VE3OUB	723-2167
LISTS & LABELS	PAUL DALE	VE3LHZ	434-6741	SANTA CLAUSE PARADE	RALPH DAY	VE3CRK	576-8738
INSTRUCTION COORDINATOR	RICK GIBSON	VE3ASH	434-2886	FLEA MARKET	RALPH DAY	VE3CRK	576-8738
AUDITOR	HARRY WESTWOOD	VE3QG	683-5104	CLUB INVENTORY	GEORGE BURNS	VE3INB	579-0007
BULLETIN EDITOR	VICTOR DOTY	VE3LNX	983-5831	CNE & FIELD DAY	BOUG BARNES	VE3MTR	357-2342
TRANSMITTER MUNT CHAIRMAN	VICTOR DOTY	VE3LNX	983-5831		GREG SCHWATZMANN	VE3GJS	576-4655
CLUB STATION	VE3MSR						
CLUB REPEATER	VE3OSH	147.120 OUT	147.720 IN.				
HARRY'S REPEATER	VE3MAA	443.000 OUT	448.000 IN.				

## COMCENTRE EMERGENCY NUMBERS

COMCENTRE	LISTED EMERGENCY	LISTED IDD EMERGENCY
CHATHAM	1-800-265-9888	1-800-265-9464
LONDON	1-800-265-7191	1-800-265-7198
BURLINGTON	1-800-263-4242	1-800-263-4246
AURORA	1-800-263-2277	1-800-263-2270
MOUNT FOREST	1-800-265-2525	1-800-265-2529
BARRIE	1-800-461-4455	1-800-461-4459
PERORBOROUGH	1-800-461-6488	1-800-461-6487
BELLEVILLE	1-800-267-7444	1-800-267-7448
PERTH	1-800-267-8919	1-800-267-8917
KANARTA	1-800-267-2677	1-800-267-2671
NORTH BAY	1-800-461-7380	1-800-461-7383
SUDBURY	1-800-461-3666	1-800-461-3669
S.S. MARIE	1-800-461-0515	1-800-461-0518
S PORCUPINE	1-800-461-2161	1-800-461-2162
THUNDER BAY	1-800-465-3033	1-800-465-3030
KENORA	1-800-465-8474	1-800-465-8473

POST THESE NUMBERS FOR

The November

VE3CRK  
Ralph Day  
454 Holcan Ave.  
Oshawa, ON  
L1G 5X6



***Hidden transmitters and determined hunters make  
the game lively and the competition fierce***

BY JANICE SHILLINGTON, N9YL

# some foxhunting fundamentals

My type of foxhunting is not the game revered by the British — well dressed riders, mounted on excellent horses, chasing over field and wood to the baying of many hounds. Nor is it the nightly journey by men and hounds in parts of Appalachia, in traditional pursuit of their wily adversary, that I'll tell you about.

Foxhunting by radio amateurs can be just as thrilling, the chase just as eager, and the satisfaction just as great, as in the more ancient sport. It has a multitude of social benefits too, such as helping to keep interest high among club members, and getting newcomers acquainted with the seasoned hunters.

There are some great technical side-effects that benefit all of us: foxhunting groups are ready to help in case of emergency — a car in trouble; a boat or plane in an unknown location — and they have had practice in using their techniques. And, (I hate to say it) there are sometimes repeater jammers who need to be found. A good foxhunting team in your club should be an excellent deterrent to intentional interference, and a source of quick relief from accidental jamming (a stuck microphone button in a parked car; a rig that is too easy for a toddler to reach).

But, we don't think of these things when we are out on the chase. It's fun, it's great competition, and it's a marvelous part of amateur radio.

The thrill of the chase, the magic of the hunt, and the cunning of the fox are part of the attraction of foxhunting. Sure, the fox is caught, but he is not cowering with fear; usually he is relieved to be found after hiding for several hours!

Amateur-radio foxhunting is a skill whereby the fox, a fellow amateur, tries to elude his fellow hams, the hunters or the hounds. From his hidden location, he periodically transmits signals on the same frequency to his fellow hams.

# NORTH SHORE AMATEUR RADIO CLUB

## EQUIPMENT AND AVAILABILITY FOR EMERGENCY SERVICE

EQUIPMENT	RF POWER	POWER SUPPLY			MODE			
		110AC	12DC	BATTERY	SSB	CW	FM	PACKET
VHF BASE		110AC	12DC	BATTERY	SSB	CW	FM	PACKET
" MOBILE		110AC	12DC	BATTERY	SSB	CW	FM	PACKET
" HT		110AC	12DC	BATTERY	SSB	CW	FM	PACKET
UHF BASE		110AC	12DC	BATTERY	SSB	CW	FM	PACKET
" MOBILE		110AC	12DC	BATTERY	SSB	CW	FM	PACKET
" HT		110AC	12DC	BATTERY	SSB	CW	FM	PACKET
HF BASE		110AC	12DC	BATTERY	SSB	CW	FM	PACKET
" MOBILE		110AC	12DC	BATTERY	SSB	CW	FM	PACKET

### ANTENNAS

VHF	BEAM	WIRE ANT.	OTHER.....
UHF	BEAM	WIRE ANT.	OTHER.....
80M	BEAM	WIRE ANT.	OTHER.....
40M	BEAM	WIRE ANT.	OTHER.....
20M	BEAM	WIRE ANT.	OTHER.....
15M	BEAM	WIRE ANT.	OTHER.....
10M	BEAM	WIRE ANT.	OTHER.....

### EMERGENCY POWER

BATTERY BANKS.....  
 GENERATOR.....  
 OTHER.....

EMERGENCY AVAILABILITY      NEVER      EVENINGS      WEEKDAYS      WEEKENDS  
    ANYTIME

NAME: \_\_\_\_\_ CALL: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Send completed form to: NSARC P.O. Box 171 Oshawa, Ont., L1H 7L1

# TIME FOR 1992 MEMBERSHIP RENEWAL

**FULL MEMBERSHIP - \$15.00 CDN.** INCLUDES FULL VOTING PRIVILEGES AND MONTHLY NEWS BULLETIN FOR ONE CALENDAR YEAR (JAN. TO DEC.).

**ASSOCIATE MEMBERSHIP - \$10.00 CDN.** INCLUDES BULLETIN ONLY AND A HEARTY WELCOME TO ALL MEETING.

**2ND FAMILY MEMBERSHIP - \$5.00 CDN.** INCLUDES FULL VOTING PRIVILEGES, BUT NO MONTHLY BULLETIN (ASSUMED LIVING IN THE SAME HOUSE).

TO JOIN SEND CHEQUE OR MONEY ORDER IN CARE OF THE REGISTRAR AT HIS HOME: 298 DOVER STREET, OSHAWA, ONTARIO L1G 6G6 (PREFERABLY) OR N.S.A.R.C., P.O. BOX 171 OSHAWA, ONTARIO L1H 7L1.

NAME \_\_\_\_\_ CALL \_\_\_\_\_

STREET & NUMBER \_\_\_\_\_

POSTAL OR ZIP CODE \_\_\_\_\_ PHONE \_\_\_\_\_

MEMBERSHIP-FULL \_\_\_\_\_ ASSOCIATE \_\_\_\_\_ FAMILY \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

DONATIONS FOR REPEATER FUND (IF YOU DESIRE) AMOUNT \$ \_\_\_\_\_

NO BULLETINS WILL BE RECEIVED AFTER JANUARY 1992 IF MEMBERSHIP IS NOT RENEWED BY JANUARY 15 1992.

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### For Sale Or Trade Or Wanted

Wanted Old frequency meters, the older the better contact VE3DKW Mike 416-723-7674.

For Sale Plumbers Delight kilowatt amp for 2m/pair 4CX250/no supply \$100 contact VE3CXX Clare 416-433-8937.

For Sale 903 MHZ 33 el. loop yagies only 4 left at \$55.00 each. contact VE3LNX Victor 416-983-5831

For Sale ICOM AT-500 antenna tuner tunes 10 - 80 m at push of a button 500 watts PEP, \$525.00 or best offer contact VE3FJC Walter 416-263-2338.

For Sale Model 28 Teletype, remote printer, tube type RTTY converter, tuning osciloscope, model 15 tape reader, all for a paltry \$50.00 cash & carry. contact VE3FRM Ed Taylor 416-985-3790.  
(wear your truss)

For Sale FT101-E comes with desk mic covers 160-10 meters \$425.00 or B.O. contact VE3FJC Walter 416-263-2338.

A little bit of trivia for every one from VE3DKW  
Mike. Mike wonders if any one knows: In what year the first circuit board was used.



"Connect parts A, B, and C in slots D, E, and F, respectively with tool G. . .What in the H are they talking about?"

N.S.A.R.C. Club Photo 1960  
Club President  
VE3DKW

Mike Sherba

List Of Names And Calls

PHOTO TAKEN AT OLD SIMCOE HALL

Back Row Left To Right

- 01. VE3CND - Gary Helferty (SWL)
- 02. VE3 -
- 03. VE3BHW - Jack Irwin
- 04. VE3BBM - Ralph Cameron
- 05. VE3DUS - Bert Whyte
- 06. VE3AAF - Roy Miller
- 07. VE3DZM - Keith Maitland
- 08. VE3CII - Ted Grubb
- 09. VE3DJX - Jim Douglas
- 10. VE3CEU - Colin Bell
- 11. VE3 - Terry Lathange
- 12. VE3ADD - Ted Brant (SK)
- 13. VE3DTS - Jack Avis

Center Row Left To Right

- 14. VE3BHQ - Farncomb LeGresley
- 15. VE3CSM - John Vandurehen
- 16. VE3CMM - Bill McPherson
- 17. VE3AGQ - Bill Ashby
- 18. VE3QG - Harry Westwood
- 19. VE3 -
- 20. VE3BRF - Neal Boyle (SK)
- 21. VE3AIY - Ron Wragg
- 22. VE3 - Paul Hartshorn (SWL)
- 23. VE3ABV - Jack Snider (SK)
- 24. VE3DKZ - Fred Thomas

Front Row Left To Right

- 25. VE3BIB - Frank Baker (SK)
- 26. VE3 - Frank Baker'son
- 27. VE3CMG - Ken Gorman
- 28. VE3CRK - Ralph Day
- 29. VE3DKW - Mike Sherba
- 30. VE3ATI - Bernie Sanbrook
- 31. VE3AZV - Eddie Warburton (SK)
- 32. VE3BQH - John Crook
- 33. VE3DAM - Ian Salgo

## CARF Operator's Aid

# Voluntary Band Plan

CARF suggests that the following voluntary band plan be used by all Canadian Amateurs. This is to avoid needless interference and annoyance to U.S. Amateurs and to users of the many modes of communication other than phone (A3, F3). Good luck and let's not overmodulate.

<u>BAND</u>	<u>FREQUENCY</u>	<u>MODES</u>
160	1.800 - 1.840 1.840 - 2.000	CW (RTTY 1.830 - 1.840) Phone
80	3.500 - 3.725 3.725 - 4.000	CW (RTTY 3.600 - 3.645) Phone (SSTV 3.840 - 3.850)
40	7.000 - 7.050 7.050 - 7.100 7.100 - 7.150 7.150 - 7.300	CW CW, Phone (RTTY 7.070 - 7.080) CW (the US novice CW lies here) Phone (SSTV 7.170 - 7.180)
30	10.100 - 10.150	CW (RTTY 10.140 - 10.150)
20	14.000 - 14.095 14.095 - 14.099 14.100 14.101 - 14.350	CW (RTTY 14.070 - 145.095) Packet Beacons - do not transmit here Phone (SSTV 14.225 - 14.235)
18	18.068 - 18.110 18.110 - 18.168	CW (RTTY 18.100 - 18.110) Phone
15	21.000 - 21.100 21.149 - 21.151 21.100 - 21.450	CW (RTTY 21.070 - 21.100) Beacons - do not transmit here Phone (SSTV 21.330 - 21.350)
12	24.890 - 24.930 24.930 - 24.990	CW (RTTY 24.920 - 24.930) Phone
10	28.000 - 28.200 28.200 - 29.300 29.300 - 29.510 29.510 - 29.700	CW (RTTY 28.070 - 28.150) Phone Satellite downlink (no transmissions here) Phone, FM phone, and repeaters

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Santa Clause Parade

It seem as we are coming up to the Santa Clause parade again and as usual VE3CRK Ralph can use some help again this year. The parade will take place on Nov. 23 1991 at approximately 10:00 am so if you can assist for a couple of hours on Sat. morning please contact Ralph at 576-8738.

## Transmitter Hunting

The fox hunters have been out and about a bit this fall, but a few more participants would be appreciated. We are now back to Sunday afternoons, 1:30 PM at Maxwell Heights School parking lot so anyone interested in what is happening drop by before 1:30 and see what is happening. I don't know how many people have been working on their Doppler systems. but if any one is having problems or would just like some help contact myself VE3LNX or Glen VE3LIZ and we will try and set up a work shop to try and help you out. The intent of this work shop will be to help you with any problems, not to build the kit for you.

## Fleamarket Personnel Required

Well it looks like it is that time again to start rounding up bodies to help with the fleamarket. People are going to be required for parking and security so any one that will be willing to help will be very much appreciated, and they can contact yours truly VE3LNX who is in charge of security or George VE3INB or Richard VE3RJB. If sufficient people do not volunteer then I will be using the club roster to make a list of names and do some canvassing, and believe me I can be very convincing.

## Membership Renewal

I am enclosing a sheet to fill out a list of equipment that you may have available in case of emergency so if you are interested in becoming involved in any emergency operations please fill out the form and return it with the membership renewal form. As mentioned on the membership renewal form, the January issue will be your last issue for the year, so if you don't want to miss any issues mail in the renewal form early.

## Repeater Updates

As you may have heard there will be some updates coming in the near future to the repeater, the main items that will be added will be CTCSS to help eliminate some of the intermod that a lot of people are having these days. So if you are thinking of changing 2 meter gear in the near future a good thing to consider would be the CTCSS option, if you do not have that option and are not thinking of changing equipment in the near future don't get too excited because you will not know the difference on your receiver and if you live out of the heavy intermod area then you will not need the CTCSS option anyway. So that will be all said for now because this is not going to happen for a few months yet but I will keep you informed as time goes on.

## Kendall Hills Antenna Assembly Line

The assembly line is grinding away on the hill out there in Kendall, seems like Eric is building 10 of the portable 2m antennas for the emergency test coming up later this year, so lots of activity on the hill this fall.

## Club Meeting Happenings

Seems as though the coffee at the last meeting was very good but there was a slight shortage of cups to put it in. The few cups that were available sure got a lot of use in a short period of time, but I suspect that by next meeting there will be a good supply of cups (I hope we don't run short of coffee next time Hi Hi).

Also the old clippings that were brought along to the meeting got a lot of attention, Bernie must have done a lot of digging to find all of those clippings.

Ron VE3AIY brought along several pieces of home brew gear as well which got a quite a lot of attention.

## The New Ham Class

It looks like we may have a big addition to the amateur community in the coming year, if my information is correct there are approximately 30 new students in VE3ASH Rick's class this year so good luck to all the new students.

## Happenings In South Oshawa

It seems like those self support towers are springing up every where, not too long ago George VE3GTF had one of those spring up in his back yard and just a couple of weeks ago Clare VE3CXX had one of those spring up in his back yard so I don't know where the next one will show up, but if anyone sees a new one spring up let me know so we can keep on top of these things.

## Jamboree On The Air Report

The jamboree on the air went off with no major hitches and a good turnout was observed with lots of people coming and going through out the day.

## Canada/Mexico Reciprocal Operating Agreement

Communications Canada has advised CRRL that the Inter-American Amateur Radio Service Convention (LIMA Convention) was adopted under the organization of American States and entered into force on September 13, 1987. Canada is bound to this convention since May 18, 1989 through accession. Mexico acceded on June 21, 1989. Hence, there exists a reciprocal amateur agreement between Canada and Mexico as of June 21, 1989.

When RIC-3 is updated, Mexico should be included in the countries with which reciprocal operating privileges have been arranged.

via copied from CRRL bulletin  
Bruce Balla VE2QO  
CRRL President



"For, Pete's sake, Norma . . . This is our honeymoon!"



"Just browsing, thanks."