

# North Shore ARC

RALPH DAY  
454 HOLCEN AVE.  
OSHAWA, ON  
L1G 5X6

Amateurs of Durham Region  
01/01/96  
VE3CRK

## Merry Christmas & Happy New Year!

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### President's Message

Hello folks it's that time again, the cold wintery nights are here already. Hope everybody got their outside chores done before we got this blast of cold weather, I got all mine done except for getting the new birdfeeder up. Well, the Cardinals and Jays with the Finches are here already looking to be fed, and my Bassett hound will not venture outside only with a bribe. She does fetch my early morning newspaper from the driveway, except for Saturdays, which is too heavy for her to carry. This being the last news letter before the new year, I would like to take the opportunity in wishing you all a safe and happy Christmas, as well as a prosperous new year, also let us give a thought to the families whose loved ones are not with them this year. Until next time, take care cus care.

Peter, VE3ZZV

### December Meeting

Our next meeting will be our Annual Christmas Party. The date will be December 11 and the party will be held at our regular meeting place, the Arts and Resource Centre, at 7:30 pm. See you there!

### Peter's Wit

A new employee in an Oshawa factory was habitually late. Finally, the foreman called him in. "Don't you know what time we go to work here?" he shouted. "No sir," was the reply. "I haven't been able to figure it out yet, because the rest of you are already here when I come in."

Peter, VE3ZZV

### January Deadline

Deadline for info to be submitted for the January issue is **December 14**. See the Info Page for various the methods of submitting articles via internet, mail, etc.

### Membership Carol

*He's making a list*

*And checking it twice*

*Gonna find out who has paid the price*

*Old Saint Vic is collecting the dues.*

*He's cashing the cheques*

*And counting the cash*

*Bundling it up oh what a big stash*

*Old Saint Vic is collecting the dues.*

*He knows if you have paid up*

*He knows if you have not*

*He doesn't wanna take you off the list*

*So pay up for goodness sake.*

*Oh the North Shore Club*

*Is a really fun group*

*But it won't be the same without you here*

*So send your renewal to Victor today..*

Okay, so Victor isn't old, he is not a Saint, and does not have eight tiny reindeer that pull his van (shack on wheels?!) around the countryside, but don't forget to send your renewal to him asap. Look in the back pages for a renewal form.

### Swap Shop

Laird, VE3LKS, (905) 434-7339

QRZ Ham Radio CD ROM Winter 1995 - over 650MB's. 1,000's of programs, radio mods, data files, TCP/IP, Packet, satellite tracking, RTTY, WEFAX, computer radio control programs, US callsign database and more. DOS & Windows interface. \$20.

### North Shore ARC

Box 171, Oshawa, ON,  
Canada, L1H 7L1

The North Shore ARC  
Newsletter is published  
monthly except for July and  
August when it is a combined  
summer edition.

Laird Solomon, VE3LKS,  
editor, Glen Goslin, VE3LIZ,  
publisher and Victor Doty,  
VE3LNX, distribution..

*Walter, VE3FJC, (905) 263-2338*  
Commodore 64, keyboard, 1541 disc drive, 1702 colour monitor, 1526 Printer. \$200 OBO. Heath Transceiver HW 101, A/C power supply, Mic., RIT installed, Mic. amp. installed. Receiver Amp. installed. Just aligned. \$150. 80 - 10 meter transceiver abt, 100 watts. Heath model SB 614 Station monitor. UNUSED Brand New, \$150. Heath 664 remote V.F.O. unused. Brand new \$100.

*Len VA3LDR (905) 723-6970*  
For Sale, Ten tec Argosy II, HF transceiver, voice syn., AC/p, Desk mic. Ant. tuner. Package \$650. Kenwood TS 450 sat. HF Transceiver. AC/p supply, Mic., voice syn., \$2000.

*Len, VE3LBN (905) 985-7120*  
Model no. TM 411 A/E 440 meg. Transceiver, T.T. mic, Brkt., Manual. 5-25 watts output. \$325.00 Firm. Model TR 9000 2 meter all mode transceiver cw/ssb/fm. 1 -10 watts output, mic and manuals. \$ 375.00 Firm

*Bill, VE3BFZ, (905) 623-1754*  
PACKAGE, Kenwood TS 430-S transceiver, matching power supply PS 430, Hand Mic, Uniden 6" spkr., Drake MN 2700 2 KW antenna Tuner, Manuals and Service manuals for a price of \$1000. Heath SB 200 linear Amp., 1 KW, 80-10m with manuals and newer tubes \$300.

*Keith VE3MZB at 905 728-8676*  
Micronta Reg. Power Supply 3 AMP \$25. Reg Power Supply 12 Volts \$18. Butternut HF6V-X Vertical \$150. 2 meter "J" pole H.B. copper pipe \$10. Micronta F.S. and SWR meter model 21-525B \$15.

*Fred, VE3TIG, (905) 576-4839*  
DENTRON MT-2000A Antenna tuner including manual. Frequency Coverage: 1.8 - 30 MHz Continuous Input Impedance: 50 ohms (Resistive) Output Impedance: Coax - 50 ohms nominal; may range from a few ohms to a high impedance Long wire either high or low impedance Power Capability: 3000 watts P.E.P. Insertion Loss: .5 db or less after tuning. Dimensions: 5.5" high, 14" wide, 14" deep Weight: 18 lbs. \$230 - shipping extra.  
**Wanted - Kenwood 732 dual band mobiles**

*Alex, VA3AMP*  
**Wanted - looking for 4 - 6KD6 tubes**

for amplifier.

Send all listing to **VE3FJC, Walter** at (905) 263-2338, by packet at VA3BBS, or by phone at VE3OSH 2 meter repeater.

## Contributors

Hank VE3FHV, Victor VE3LNX, Walter VE3FJC, Winston VE3WFS, Peter VE3ZZV and George VE3UEH, for submitting items for this month's newsletter.

## Early Days of Wireless - Part 4

We think we've found the first time that the use of an analogy between electrical current and water flow was presented to the public: From "Modern Electrics", October, 1911, we read:

### BOOK REVIEW.

#### ANALOGIES BETWEEN BATTERY CURRENT AND WATER FLOW

A very interesting little book, of 20 pages, and with many illustrations, has been published by the National Carbon Co., of Cleveland, O., and which may be obtained free by our readers on application to that company. Many who work with electricity, and particularly those who handle dry cells and are not versed in electrical terms generally, are confused by the technical names employed in describing current. Acting on this knowledge, of the lack of simple explanations, describing the different electrical terms and units, the booklet has been published. It compares all the electrical terms with the flow of water. This makes explanations simple and very easily understood. All readers who are not quite sure as to the meaning of certain electrical terms, would be well repaid for sending for the above mentioned book.

For those persons not aware, a "Blue Book" has been published for many years in Manitoba, listing the call letters of all Manitoba Hams, with other associated information. The first 'Blue Book' in

Manitoba was compiled by the Amateur Radio League of Manitoba, the Winnipeg Amateur Radio Club, and the University of Manitoba A.R.C., and was the joint effort of two hams, Bert Anderson, VE4AP and Bill Bowman (now VE4UB).

But we were not the first to have a 'Blue Book'. In 1909, Modern Publishing Co., 233 Fulton Street, New York, USA, published the first of what was to be the Annual Official WIRELESS BLUE BOOK of the Wireless Association of America.

"This Wireless Blue Book contains the following: U.S. Land Stations (also Canadian Stations), government and commercial; U.S. Ship Stations (including foreign ships touching U.S. ports), government and commercial; U. S. Amateur Stations. This book is arranged in such a manner that ALL calls are classified ALPHABETICALLY. Therefore, no matter from what part of the country or the sea the wireless call comes, you will immediately locate the sender. In addition, we furnish with each book a Wireless Map of the U.S. Price by mail, 15c. When remitting, send Money Order, or Bank Draft, stamps or cash, no checks, please."

And for all you old-timers, remember this? Eitel-McCullough, Inc. announces another great EIMAC achievement.. EIMAC 35T. The EIMAC 35T embodies the following features: Plate and grid fabricated from TANTALUM Plate terminal at top of envelope Rugged thoriated tungsten filament Hard glass (Nonex glass) permits maximum safe heat dissipation making possible the small physical size of the EIMAC 35T The EIMAC 35T will be available at leading dealers after April 15 1936. Price, \$8.00

Also in 1936, RCA announced the production of their latest: 804 (transmitting pentode), 805 (high-mu transmitting triode, and 836 (half-wave, high vacuum to sub 866 mercury-vapour tube) plus the soon-to-be-on-the-market ACR-175 Amateur Superhet Receiver.

**Victor Doty, VE3LNX**

## My Soapbox, Please

T'is the season....ah yes, the season of giving. People running to and fro from store to store in a crazed frenzy trying to find the perfect gifts for their loved ones. Merchants enticing the weary shopper with ideas for gifts that seem great when purchased but quickly get relegated to the back of the cupboard a couple of weeks into the new year. Crazyness everywhere! What does all this have to do with Christmas? You know, peace on earth, goodwill toward men, etc. Compared to what the holiday is supposed to symbolize I would have to conclude the the answer to that question is "absolutely nothing" but it is a winfall for the retailers.

May I take a bold step here and make a suggestion? Well, I am going to anyway. With all the social cutbacks that the government has been making there are, I am sure, more people out there that will be hurting this year. I am not blaming this on the government since we are almost broke as a Province and cutbacks are happening everywhere. However, there are plenty of things you can do to reach out and help someone who is not as fortunate as you are. "What" you may ask "can I do". Well, for starters, dig into your pocket and put some of that loose change and bills into the containers of legitimate solicitors that you see at most malls and street corners. Check the newspapers and radio stations for groups that help families in need and send off a cheque to help. If you are a member of a church than you probably have a group in your congregation that you could contribute time or money towards. Look around your neighborhood and see if there is a family you can help out. The possibilities are, sadly enough, endless.

I am not suggesting that you have to participate in all these various methods but I would encourage you to try at least one. Some of these donations are even tax deductible if you get a receipt! But tax receipts aside, chances are you will not even miss the \$XX amount of dollars that you contribute and you will have a

sense that you were able to help out your fellow man and make a difference in their holiday season as well. Should your resources be tight than donating time to help these organizations is equally rewarding and needed. Packing or delivering food and gift boxes is by no means a small feat and your time and effort will be greatly appreciated.

Hopefully by helping those who need it the most you will truly experience Peace on Earth and Goodwill Towards Men. Merry Christmas.

Laird, VE3LKS

## NSARC November 1995 Meeting Minutes

The meeting was opened at 19.45 by Peter, VE3ZZV, who welcomed all members, guests and visitors. He informed the membership that Victor, VE3LNX was in hospital recovering from surgery and that the prognosis was good.

### New Business

**Santa Clause Parade:** Ralph, VE3CRK, gave details of the upcoming Santa Clause Parade in Oshawa, where members will assist the organizers with radio communication along the route via the VE3OUR 70cm repeater. He pointed out that we were invited back after a period of absence.

**Order of Business:** The motion from the October regular meeting, proposed by Len, VE3LBN and seconded by Howard, VE3TYQ, that the monthly meetings revert to their previous format, that being business first, then the guest speaker, had been discussed at the last executive meeting. The executive had unanimously agreed to recommend the present format be maintained but that the issue should be decided by a vote by members at the next regular meeting. The topic was discussed at length and a vote by show of hands resulted in the acceptance of the motion, to revert to business first, followed by the guest speaker, by an 11 to 6 margin.

**Election of Officers:** The executive

positions of President and Secretary will become vacant as of December 31st. 1995. Nominations or volunteers were called for but no-one accepted either position.

**Finance:** The up to the minute statement was read by treasurer Earl, VE3VGK, who stressed the importance of the joint Hamfest in keeping the club financially stable. A motion to accept the report as read, proposed by Bob, VE3LLE and seconded by Laird, VE3LKS was carried.

**Hamfest Update:** George, VE3INB gave a short progress report and answered questions regarding past and future Hamfests. He stressed once again that this is his last year as treasurer and also for Len, VE3LBN as Security Coordinator. Replacements are needed now to become familiar with the system while the two are still available for guidance. Ralph, VE3CRK congratulated the Hamfest representatives on their tremendous effort on behalf of the club.

**Guest Speaker:** Fred, VE3TIG apologized for the absence of scheduled speaker Keith, VE3OY and added that he had no explanation to that point.

**50/50 Draw:** The 50/50 draw was won by Norm, VE3ON.

The meeting closed at 21.30. 29 people signed the attendance book.

George, VE3UEH

## Nets

### Telephone Pioneer Net

Sunday evening, 3740 kcs. 8 pm. 0000 utc Don, net control. VE3KII  
Designed chiefly for telephone employees

### Aruba International Dx Association

14145 kcs Sunday 10 am, 1400 utc

### Ontario Phone Net

3740 kcs, daily, 2300 utc

### Ontario Amateur Service Net

3755 Kcs, daily 7 am - 6 pm, daily passes traffic different net controls each

hour

*Alberta Public Service Net*  
3740 kcs, heard Sunday at 0100 utc

*Sandbox Net*  
operators VE2QR, Paul, Quebec  
VE3DP, Steven, Thunder Bay  
VO1.?. Murray, in the winter from his  
boat in the West Indies VP9IN, Allan,  
Bermuda VE9SS, Larry, Moncton  
7063 kcs, daily 2300 utc

*North West Territories Net*  
3737 kcs, daily 0000-0300 utc  
John Senez, VE7ONX  
14140 Sundays, 2pm est.  
With Clem Beauregard

*RN/RS Members...A Royal Naval  
Society Amateur net*  
14132, Sundays...1:45 pm est.. 18:45 utc

*Canadian Red Cross Society Net*  
*VA3RCS*  
Sundays, 1900 utc  
14140 kcs 5pm est

*Trans Canada Net*  
14140 kcs 1800 utc

*Leeward Island Net*  
3815 kcs....0030 utc  
net operator Clement, JC3CI  
from Roseau, Dominica

*Ontario Swap Shop*  
3755 kcs...0100 utc. Net operator Nick

*SAROF Net* (Salvation Army Radio  
Officers Fellowship Net)  
Monday Nights, 0100 utc  
Net Control, Harold from Hamilton

*SAROF Satern Net*  
(Salvation Army Team Emergency Net)  
Saturday, 10:30 est, 14265  
This net emanates from Chicago  
Also on: 11 am 7265, Saturday  
11:30 7265, Saturday

*Classroom Net*  
7238.0 Daily 8:am - 9:am  
emanates from the New York city area.  
focuses upon teachers and students.

*Cod Jiggers Net*  
The Newfoundland net.  
Time 0930, 3785 kcs

*Sully's International Rooster Roster*  
Hams from Eastern Ontario are well  
familiar with the morning rooster roster  
which is transmitted over 146670  
Watertown NY. Sully, is a colourful net  
operator. He makes a point of  
announcing special birthday wishes to  
Hams, and he makes Watertown area  
amateurs and hams from Eastern Ontario  
especially welcome. Because of the  
range of the Watertown repeater, it is not  
unusual to hear hams drop onto his  
morning net from such locations as the  
Finger lakes NY, the St. Lawrence  
Valley, Prince Edward County, and the  
Ottawa Valley.

Winston, VE3WFS

## North Shore Amateur Radio Club Award

I have been the custodian since day one  
and have issued a total of 12 awards to  
date. The last one dated April 8, 1980!  
Here are the requirements:

For Ontario: Contact 25  
N.S.A.R.C.-members in good standing.  
(VE3's or VA3's) Stickers for each  
additional 10 members.

Rest of Canada: Work 8 members,  
stickers for additional 5.

United States: Work 8 members,  
stickers for additional 5.

DX: Work 4 members,  
stickers for additional 2.

Send GCR list to:  
North Shore Amateur Radio Club, Inc.  
P.O. Box 171, Oshawa, ON L1H 7L1

There you have it. GCR just means that  
whoever has reached the 25, can make  
up a list and have it verified by two  
fellow hams and have them sign and date  
it. I have approximately 80 blank awards  
available at the moment. (As you can  
probably tell, I have been cleaning house

and ran in to all this, hi)  
Hank, VE3FHV/VA3HV

## Interesting Web Sites

Do you know that you can now do your  
All-Star balloting on the Web? Here is  
the low down for the NHL and NBA  
voting.

NHL address - <http://www.nhl.com>  
NHL voting runs through December 27.

NBA address - <http://www.nba.com>  
NBA voting runs through January 12.

If you have access to the Web you should  
stop by and vote for your favorite Leaf or  
Raptor.

What does this have to do with Amateur  
radio? Absolutely nothing but hopefully I  
will have some Ham Web sites for you  
next month.

Laird, VE3LKS

## Thank You!

I would like to take this space to thank all  
of those who have contributed in one  
way or another to helping make the  
newsletter a success. I will not try to  
mention all the names because  
undoubtedly I would miss someone...you  
all know who you are. If it wasn't for  
your efforts in writing articles, printing  
the newsletter, and distributing it, the  
newsletter would not be a success. I am  
looking forward to your continued  
support in the new year and keep those  
great articles flowing in. 73 de Laird.

Laird, VE3LKS

*Please,  
Don't Drink  
and Drive!*

# The Info Page

## Executive

<b>President</b>		
	Peter Rogers, VE3ZZV	655-5180
<b>Vice President</b>		
	Steve Dinsmore, VE3SBD	571-4716
<b>Treasurer</b>		
	Earl Matthews, VE3VGK	725-5606
<b>Secretary</b>		
	George Day, VE3UEH	432-1368
<b>Program Director</b>		
	Fred Bengel, VE3TIG	576-4839

## Co-ordinators

<b>A.R.E.S.</b>		
	Fred Bengel, VE3TIG	576-4839
<b>Special Events Co-ordinator</b>		
	Ralph Day, VE3CRK	576-8738
<b>Bulletin Editor</b>		
	Laird Solomon, VE3LKS	434-7339
<b>Bulletin Publisher</b>		
	Glen Goslin, VE3LIZ	725-1545
<b>Club Historian</b>		
	Mike Sherba, VE3DKW	723-7674
<b>Net Controller</b>		
	Roy Miller, VE3AAF	852-5447
<b>Code Senders</b>		
	Rick Gibson, VE3ASH	434-2886
	Dave Hefford, VE3AJY	436-3026
<b>Registrar</b>		
	Victor Doty, VE3LNX	983-5831
<b>Get Well Cards</b>		
	Anne Jones, VE3KWI	324-0638
<b>Nonquon Canoe Races</b>		
	Glen Goslin, VE3LIZ	725-1545
<b>Field Day</b>		
	Martha Dinsmore, VA3SBD	571-4716
<b>Instruction</b>		
	John Nicholls, VE3SII	683-2495
<b>Auditor</b>		
	Rick Gibson, VE3ASH	434-2886
<b>Lists and Labels</b>		
	Len Nixon, VA3LBN	985-7120
<b>J.O.T.A.</b>		
	Ries Wytenburg, VE3UEA	434-5550
<b>Club Inventory</b>		
	Howard Mugford, VE3TYQ	579-7466
<b>Club Photographer</b>		
	Don Foster, VE3GXH	985-2668

## Club Repeaters

2m	147.120	VE3OSH	Voice
70cm	443.000	VE3NAA	Voice
2m	144.970	VE3USH	Packet

## Net and Code Practice

Club Net every Thursday at 1930 with CW practice at 2030 followed by more Net at 2130.

EMO Net every Wednesday at 2030 on VE3OSH.

## Informal Nets and Gatherings

Evenings at 2130 hours local time on 3740 +- a few kc you will find a bunch of local rag chewers.

Saturday mornings, 0930, at Mama's Restaurant in the Five Points Mall you can devour some breakfast, coffee, or both and have a chit chat with some of the locals. This is an informal event and discussion topics are totally up to you. Great time to chat about equipment problems, software, etc.

## NSARC 1995 Calendar

Dec. 11 Christmas party



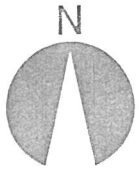
## D.R.A.R.E.O.

**Randy Elliot, VE3JPU** (905) 427-6853 - Coordinator  
**Fred Bengel, VE3TIG** (905) 576-4839 - Asst. Coord.

## Contact the Editor

VE3LKS-1 on VE3USH  
VE3LKS@VA3BBS  
Isolomon@osha.igs.net  
Snail Mail - 171 Thornton Rd. N., Oshawa, ON, L1J 6T4

Meaningless bits of information - this newsletter is laid out using WordPerfect 6.1 for Windows and the original copy is printed on a Brother HL-660 laser printer. Also, if you happen to have any complaints you are more than welcome to become the next bulletin Editor. Seriously, all constructive criticism will be accepted and treated accordingly. If you would like to see more technical articles then get the lead out and get writing. I can write till I'm blue in the face about computers and some of it you can apply to Amateur Radio but it would be nice to see some technical stuff as well.



# North Shore ARC

## Membership Request Form



*Please Print!*

Name: \_\_\_\_\_ Callsign: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_

Prov/State: \_\_\_\_\_ Postal: \_\_\_\_\_ Phone: \_\_\_\_\_

Membership Required:     Full \$20             Family \$5             Associate \$15

- Full            Full member privileges including monthly newsletter.
- Family        Full member privileges but no monthly newsletter. One member of the household must have a "Full" membership.
- Associate    Monthly newsletter and a warm hearty welcome to all our meetings/events.

Donations: General Use \$ \_\_\_\_\_ Repeater \$ \_\_\_\_\_

### I am interested in helping or leading out in the following:

- | Help                     | Lead                     | Activity  | Help                     | Lead                     | Activity                        |
|--------------------------|--------------------------|---|--------------------------|--------------------------|---------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Sermon on the Mount   | <input type="checkbox"/> | <input type="checkbox"/> | Jamboree On The Air (JOTA)      |
| <input type="checkbox"/> | <input type="checkbox"/> | Corn Roast  | <input type="checkbox"/> | <input type="checkbox"/> | Guides On The Air (GOTA)        |
| <input type="checkbox"/> | <input type="checkbox"/> | Christmas Party   | <input type="checkbox"/> | <input type="checkbox"/> | EMO                             |
| <input type="checkbox"/> | <input type="checkbox"/> | Field Day   | <input type="checkbox"/> | <input type="checkbox"/> | Dxpeditons                      |
| <input type="checkbox"/> | <input type="checkbox"/> | Net Controller  | <input type="checkbox"/> | <input type="checkbox"/> | Canoe the Nonquon               |
| <input type="checkbox"/> | <input type="checkbox"/> | Code Sender   | <input type="checkbox"/> | <input type="checkbox"/> | CNE Station (Air Show Saturday) |
| <input type="checkbox"/> | <input type="checkbox"/> | Sysop a packet node/BBS   | <input type="checkbox"/> | <input type="checkbox"/> | Kit building                    |
| <input type="checkbox"/> | <input type="checkbox"/> | Hamfest security/setup/take down                                | <input type="checkbox"/> | <input type="checkbox"/> | Newsletter articles             |
| <input type="checkbox"/> | <input type="checkbox"/> | Executive - President/Vice/Treasurer/Secretary/Program Director |                          |                          |                                 |
| <input type="checkbox"/> | <input type="checkbox"/> | Other _____   |                          |                          |                                 |

 Please list any topics you would like to see presented at our monthly meetings:

\_\_\_\_\_

I am willing to make a presentation on one or more of the topics listed above!

***Please send cheque payable to:***

**North Shore ARC**

**c/o Victor Doty, 5222 Ochonski Rd., R.R.2, Orono, ON, L0B 1M0**