

**nsarc** Inc.

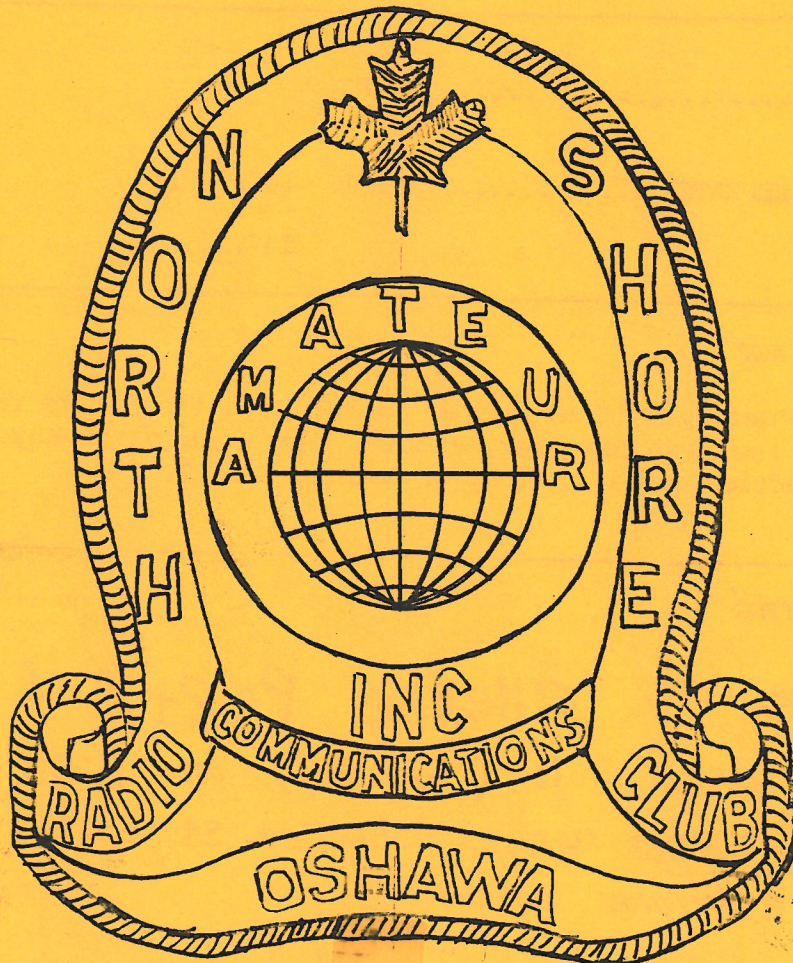
P.O. Box 171  
Oshawa, Ont.  
L1H 7L1



*Dec/84*

**To**

VE3CRK  
Ralph Day  
454 Holcan Ave.  
Oshawa Ont. L1G 5X6





NORTH SHORE AMATEUR RADIO CLUB Inc. NEWSLETTER

P.O. Box 171  
 Oshawa, Ontario, Canada  
 L1H 7L1

December 1984

1984 DIRECTORS AND OFFICERS

Directors & Executive

President	Bill Sutton	VE3MLW	623-2846
Secretary	Colin Bell	VE3CEU	723-7842
Treasurer	Mac McFarlane	VE3XI	723-8484
Director	Joe White	VE3IHS	623-4069
Director	Bill Fortune	VE3NTI	986-5656

Other Officers

Registrar	Keith Wyard-Scott	VE3GDF	723-5758
Get-well cards	Ted Brant	VE3ADD	668-3561
2-meter Net	Roy Miller	VE3AAF	
Co-editor	Charlie Bissett	VE3IBO	668-7481
Co-editor	Neil McAlister	VE3KSP	668-4161
Editor-designate (Starts Jan. '85)	Bill Fortune	VE3NTI	986-4513

CLUB STATION ..... VE3NSR

CLUB 2-METER REPEATER ..... VE3OSH 147.72 in  
 147.12 out

2-METER CLUB NET

2-meter net every Thursday at 19:30 local time, come rain, shine or QRM, on the club repeater, VE3OSH. Net control is Roy, VE3AAF, and code practice comes courtesy of Bernie, VE3ATI.

THE NEXT MEETING

**Wine & CHEESE PARTY!**

- ★ December 11 (Tuesday) at 8:00 P.M.
- ★ LEGION HALL, Simcoe St. South, Oshawa.
- ★ Everyone welcome!

**NEWSLETTER WELCOMES NEW EDITOR**

It seems hard to believe, but the present Co-editors have been producing this newsletter for a year! It's been a lot of work, but even more fun. However, all good things must come to an end. We've had our say, and before we get boring and start repeating ourselves, the time has come to pass the reins over to a new Editor who will cover club events from a different perspective during a momentous new year that may well mark a turning point in our NSARC's history. This takeover will leave 'IBO and 'KSP free to spend more time on other club business in 1985.

We are very pleased to announce that **Bill Fortune, VE3NTI**, has exemplified the positive, "can-do" spirit that keeps NSARC alive by offering to take over as newsletter Editor, starting immediately with the January 1985 issue. He has a computer that should keep the newsletter looking spiffy as usual. Hats off to Bill for assuming this responsibility in such a timely manner that not a single issue of the newsletter will be missed during this transition period.

Please direct comments, contributions, announcements etc. for the January 1985 issue to Bill in care of the club, or phone him at home in Blackstock. Or contact Charlie, VE3IBO.

**SOME CHRISTMAS CARDS**

Before we leave this job, we'd like to thank **Madeleine Bissett** for helping to address and stamp the newsletters for mailing, every month. On behalf of the whole club, we should also thank **Paul Dale, VE3LHZ**, one of the unsung heroes of NSARC Inc. It is Paul who maintains the membership address list up-to-date, and who produces the mailing labels for every single issue of the newsletter. Thank you, Paul, for your help during these past months — and on behalf of the new, incoming Editor, thanks for your continuing assistance in the months to come. Thanks too to those who have contributed articles and information to the newsletter during the year.

As 1984 draws to a close, we would also like to convey the membership's gratitude to **Roy Miller, VE3AAF**, the "voice" of NSARC Inc., for yet another year of faithful service as Net Control on the Thursday night net. Sincere thanks also go to **Bernie Sandbrook, VE3ATI**, for the great code practice sessions.

**TWO NEW REPEATERS**

Dave, VE3LEW, is the proud babysitter of the South Pickering Amateur Radio Club's new UHF repeater, which is located on his well-situated property. He says that this repeater may be heard on 444.6 MHz output, and its input is on 449.6 MHz.

There's a new 2-meter repeater in Brighton. Listen on 147.765 MHz, tx on 147.165.

**WEATHER WATCH PLANNED**

Heritage A.R.C. is co-ordinating a highway weather watch this winter, to cover the road between Kingston & Pickering. Details when available.



## FROM OUR FOREIGN CORRESPONDENT — KA2KNZ

## Radiation Notes — Part I

There are many studies showing that the emissions of non-ionizing radiation (NIR) from some TV, FM, and phone relay stations may be harmful to the human body. In high density population and building locations that are "hot spots", there is some concern that these emissions may be sufficiently strong to cause organ damage, heat stress, and some changes in the body's organic chemistry.

While it is not considered that non-ionizing radiation affects many people, it has the potential, under some conditions, to adversely influence some individuals.

How much exposure is safe? Unlike hazardous X-Rays and Gamma rays, that must be controlled when used, the non-ionizing radiation in energy such as electromagnetic waves, start at the lower wavelengths of the electromagnetic spectrum.

As far as anyone knows, there have been no fatalities caused by these emissions (though there have been no comprehensive population-based studies done to actually look for evidence of such problems) but it is nevertheless a factor to be considered in the future, with dense growth of cities and ever-increasing intensity of TV and FM traffic etc. As reported in a study by Veterans Hospitals in a few American states, the potential is there, and "they do pose dangers".

There are many other types of research into the possibility that NIR may penetrate the body and heat it from the inside, similar to the way in which microwave ovens cook food. Research into this form of radiation suggests that exposures as low as 1000 microwatts per square centimeter could have biologic effects over long periods of exposure. In the USA, there is already movement by the National Association of Broadcasters to consider reduction to 100 microwatts per square centimeter as a recommended safe limit.

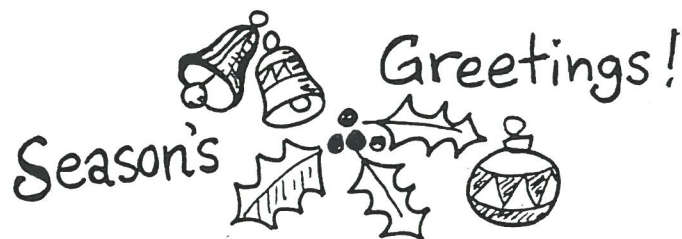
Legal and economic aspects must also be reviewed. The NAB does not favor the reduction, since it would result in more limited output for their stations and smaller areas of coverage. Research will continue.

The chances of our being exposed to such problems are minimal. But think of the small amounts of SWR we attempt to keep our transmitters at. As amateurs, we too, in a very small way, energize the airwaves — though even a a kilowatt linear is nothing compared to the 50,000 or 100,000 Watt output of a TV or FM broadcast station!

It's something to think about, though. 73s for now, and see you next time!

-- Your Foreign Correspondent Dick Richards, KA2KNZ

[Interesting stuff. We'll have more to say on ham radio and possible health hazards of non-ionizing radiofrequency and microwave radiation "down the log" in a future issue. And before we disappear from the newsletter scene, we'd like to thank Dick for his many contributions from Florida. -- Eds.]





**FROM THE EDITORS' DESKS****The Future of N.S.A.R.C. Inc.**

One of the advantages of writing this newsletter is that we get to use it as a soap-box now and then. (We hasten to add that any other member has been welcome to use these pages as a soapbox too, but nobody's asked. We've published every Letter to the Editor that we've ever received: All one of them!) So without further apology we take this opportunity to voice our personal opinions on the issues that face NSARC Inc. membership as 1984 comes to an end, and a new year begins ...

The election of new Directors for the North Shore Amateur Radio Club Incorporated will take place by vote of the paid-up, Full Members present at the regular January meeting. According to our corporate bylaws, the five candidates with the most votes will decide amongst themselves who will fill the three executive positions of President, Secretary, and Treasurer, as in previous years. The remaining two elected candidates will become Directors without executive positions. We suspect that the unsuccessful candidates will be button-holed to fill one or more important, new jobs that need attention in 1985.

Here's a New Year's Resolution for all of us: If we do not come out to participate in the 1985 annual Election, we shall not utter a breath of complaint about the leadership we get next year.

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**A New Year's Shopping List**

1985 can be an exciting year for NSARC, full of opportunities. There are more than a dozen new initiatives that we can undertake in the next twelve months that would invigorate and revitalize our club.

Just for starters, we've made a list of new ideas for a New Year ...

1. The apathy of many local members, and the geographic remoteness of others, places an undue burden on the Directors and a small corps of hard-working activists who must carry more than their fair share of the workload on behalf of the whole club. Solution? We have to hustle to get eager, new members who will carry their own weight and participate.
2. The repeater is the single most important thing that holds NSARC together. Although "Oshawa's Old Reliable" still does Yeoman service, it is old and bound to wear out someday, at which time we will need a substantial slug of money to replace it. We must start planning for this cash outlay now. The repeater has already benefitted from some modernizations such as new circuit boards, but everyone would welcome more upgrades, depending on technical feasibility, such as a "beep" when the timer has been reset; a taller tower for the antenna, (a section was removed a couple years ago, and never replaced); an amplifier to give us a wider coverage; etc. etc.



3. Many of the more active do-ers in this club spend a lot of their time in their cars, and they need a phone patch to stay in touch with home. Also, public service is supposed to be something that Amateur Radio supports: At present, a mobile unit cannot contact the Police directly in case of emergency, and the operator with a problem to report must hope that somebody listening will relay the message over a landline. Unlimited rag-chewing on the good ol' repeater is not everything a radio club should be to its members or to its community.

This isn't a problem — it's a potential solution! Installing a phone patch on 'OSH (or, if our existing repeater cannot support it, on a new repeater), with an access code available only to paid-up NSARC members, would be a powerful incentive to attract area hams who do not yet belong to our club. One of these Editors will pledge \$200 for this purpose. Bob VE3LLE has offered to bear the costs of a phone line for a year. Who else is interested?

4. NSARC's bank balance must be replenished to finance some of these badly-needed upgrades in ham radio-related member services. Creative methods of generating more money, and bigger contributions from members who want to use these new, improved services, would be in order. Dues of 15 bucks a year barely pays for postage and printing for the newsletter! Maybe we need a two-level fee structure, more in keeping with modern fiscal policies in the rest of the world: A higher rate for working members, and a lower rate for retired members, students. etc.

The question should never be "Can we afford to spend five hundred dollars?" but rather, "How can we get five hundred dollars?" How much is this club worth to each one of us in dollar terms? When was the last time that any of us newer members made a contribution to the repeater fund? Time to dig a little deeper! A club with 100+ members should be able to raise \$1,000 instantly for a worthy purpose by levying a small surcharge on each working member.

5. The "official" ten meter net at 13:00 Sundays is dead, though not buried. Nobody has checked in for months; it doesn't even have a designated Net Controller. Here's a fine job opportunity: Who wants to revive it before the funeral? Or should we just admit the mistake and change the ten meter net back to the old time?
6. In 1985, club Directors could use the newsletter as an organ to express routine statements to members on club business, and for regular announcements of the agendas of upcoming meetings.
7. Another job opportunity: Just like any other public service organization, NSARC needs a **press officer** responsible for sending out routine press releases. The media coverage that we get for various public services and special events in which members are involved would be much greater if we did some consistent advertising.
8. NSARC Inc. requires a modern-looking, simple, eye-catching logo for use on official stationery, press releases, blazers etc.. Who wants to submit a design?



9. We would benefit from some kind of distinctive "uniform" such as a bright red, ultralight-weight, rainproof plastic jacket, and matching hats, that would clearly identify NSARC members at public events, fleamarkets, etc. Not only would this give NSARC a new image and a new sense of cohesiveness, but also, it would provide publicity for the club.
10. Club meetings with special programs, speakers, films, slide shows, lectures, etc. have been quite successful, but far too rare. Routinely having a social program at our meetings will encourage regular attendance. Here's a job opportunity for a real, creative, hard-working **program chairman**.
11. The experience of past Executive officers is wasted by a system that elects a new slate of Directors each year, instead of electing freshman Directors to junior positions and promoting them through the Executive chairs in an orderly fashion. Past Presidents should have respect and recognition from the club, and they should be consulted on important club matters. How many of us even know who they are?
12. When was the last time that some of our members went out to a highschool science club to demonstrate Amateur Radio to the pupils? Maybe we should all take a crack at this in 1985. If we don't get some younger blood into this hobby soon, it will die when we do. Our club's already suffering from a lack of young members.
13. NSARC has a membership growing older in years, and older in terms of the average length of time that we have all belonged to the club. Most of the active members have already been through the various offices and club jobs at least once, and some of them twice. These people feel that they have done their bit, and that new people should now take up the load.

These hypothetical "new people" whom we need to bring vitality, leadership, and fresh ideas to this club of ours will not magically materialize out of the woodwork. The time has come to stop passively waiting for new members to come to NSARC (that policy has failed!) and to start making active efforts to **recruit** the many local Amateurs who are not members of our organization on a personal, case-by-case basis. We don't mean wait for the Executive to do it: We mean that each one of us has a duty to take part in this work. It's amazing how often the effort is worthwhile. In the past month, one of these editors enrolled two new members in NSARC, just by asking them if they wanted to join!

14. One of our newest members, Steve VE3JPJ, together with Charlie 'IBO, and Roy 'OHN are looking into the costs and feasibility of making "talking book" cassette tapes of the club Newsletter in 1985 as a service for our visually-impaired members. Hopefully this will become a regular feature.



NSARC Inc. survived in 1984 through the efforts of the Executive and the small handful of reliable people who could actually be counted on to do the work that needed to be done. But we didn't grow, we didn't try anything new. We can't mark time like this much longer -- not if we want NSARC Inc. to be thriving five years from now. 1985 is going to be a watershed year that determines whether we are an active, dynamic Amateur Radio organization, or just a shrinking social club of increasingly-inactive, and geographically far-flung, rag-chewers.

Just as in 1984, the people who will help NSARC in 1985 will not be those perpetual armchair critics who never volunteer to do anything except grumble into their microphones about the way our active members manage the club's affairs. If we intend to grow and improve as a club, we've got to get active again -- all of us.

After numerous phone calls, QSOs, and announcements on 2-meters, the **Nominating Committee** identified six volunteers to stand for election in 1985, as was reported to the membership at the November meeting. Many of these people are fairly new members: Hopefully they will have some new ideas. It is also to be hoped that the long-time members who refuse to take some responsibility for our club's management will refrain from criticism when a new crowd starts making changes.

It is encouraging to see that there are more candidates for the Directors' jobs than there are positions. At the upcoming January meeting there will be a real election, and not just a minimum slate of candidates to be acclimated to office for lack of competition! Time to make prospective Directors tell us how they intend to earn our votes, because serving this organization is a privilege, not a chore.

Let's make 1985 a GREAT year for NSARC Inc. At this time next year, let's look back on 1985 as the year that NSARC turned around and became once more the proud, active, and modern Amateur Radio Club that it once was and should be again!

In 1984 we have had a very good motto: "Not what can the Club can do for me? ... but, What can I do for the Club?" Well, we found out which of our members can be counted on to get out from behind their microphones, stop flapping their jaws, and start working when the chips are down.

Now that we know who means business and who's just QRM, those of us who are prepared to do the work for NSARC can stop moaning about the lack of volunteers to help us in various club projects. If some people don't want to join in the fun, it's their loss. The rest of us will just go ahead and get to work implementing our improvements to the club.

The famous author, Arthur Hailey, has four letters painted on his typewriter to spur himself to action: "G.O.Y.A." They stand for "Get Off Your A\*\*" (donkey). Maybe "G.O.Y.A." should be our new motto for 1985.

Finally, as our last words as your Editors in these pages, we wish the very best Season's Greetings, and a Happy New Year to you and yours!

Neil, VE3KSP es Charlie, VE3IBO

**N.S.A.R.C. MEMBERSHIP RENEWAL FORM, 1985**

Club dues for 1985 are payable by January 1st. Please use this handy form and enclose it with your payment. You can bring it to the next regular meeting, or mail it with your cheque payable to N.S.A.R.C., (no cash please!) to The Registrar, NSARC Inc., PO Box 171, Oshawa, Ont. L1H 7L1.

Please PRINT all information legibly!

Name \_\_\_\_\_

Call \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ Postal code

{amount enclosed}

**Full, voting Member** \$15.00 \_\_\_\_\_

**Non-voting, Associate Member** \$ 8.00 \_\_\_\_\_  
 (SWL, USA, etc.)

**Additional Family Member**

name \_\_\_\_\_

call \_\_\_\_\_ \$ 6.00 \_\_\_\_\_

**Total Amount Enclosed, payable to NSARC Inc.** >>>> \_\_\_\_\_ <<<<<

Please note: Postage and printing cost money. Only paid-up members will continue to receive the club newsletter in 1985.



**NOMINATIONS FOR DIRECTORS**

NSARC Inc. members are invited to submit nominations for five Directors, to be elected at the January 1985 meeting. Kindly note that the person whom you nominate must agree to serve as a Director if elected: the nominee's signature, as well as yours, is needed on the form. You may either mail your completed nomination form to the club, or put it in an envelope and deliver it at the December meeting.

I nominate \_\_\_\_\_ as a Director for N.S.A.R.C. Inc., for the calendar year 1985.

signed, \_\_\_\_\_ Nominator

If elected, I agree to serve: \_\_\_\_\_ Nominee

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**PROXY VOTING FORM**

Members who are unable to attend the voting meeting in January may vote by assigning their proxy to another Member who will be attending. To vote by proxy, please complete this attached form, and give it to your friend who will be coming to the meeting.

Please note that your signature and the date are required.

I, \_\_\_\_\_' [your name -- please print] \_\_\_\_\_' [your call]

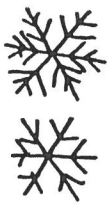
a Full, Voting Member in good standing of North Shore Amateur Radio Club Incorporated, assign my vote by proxy

to \_\_\_\_\_' [friend's name -- please print] \_\_\_\_\_' [his call]

who is also a Full voting Member of our club in good standing.

Signed, \_\_\_\_\_

Date, \_\_\_\_\_



Greeting from Florida  
 when we were young, years ago  
 how simple things could be,  
 were happy times for you and me.

The gifts and clothes we got,  
 they surely filled our simple needs,  
 and really satisfied with our lot  
 with love and home, happy days indeed.

But now the times are very changed,  
 our gifts all bought as we can be,  
 for expensive gifts on our tree.

It used to be simple of course,  
 and always within our budget,  
 we need some very costly gadget.

A new hand held, plus accessories,  
 a fancy antenna or high rise tower,  
 a new Kenwood would surely please,  
 add up to more output power.

So being <sup>wise</sup> and beat the slow mail,  
 that won't leave my funds depondant,  
 I say to you and yours plus XYL -

Merely Christmas - your foreign correspondent.

Dick RICHARDS

KADKXZ





