

# NORTH SHORE AMATEUR RADIO CLUB

## N.S.A.R.C. EXECUTIVE FOR 1994

### MARCH "SPARKS"

President	Robert A. O'Toole	VE3VKM 905-576-4264
Vice President	Casey Coley	VE3NGT 905-623-0264
Treasurer	Laird Solomon	VE3LKS 905-434-7339
Secretary	George Day	VE3UEH 905-432-1368
Program Dir.	Peter Johns	VE3WWZ 905-723-9049

### CLUB COORDINATORS

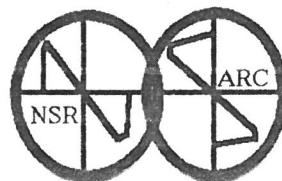
A.R.E.S. Coordinator	Margaret Jeffery	VE3BNN	905-725-1238
Special Events Coordinator	Ralph Day	VE3CRK	905-576-8738
Bulletin Editor	Victor Doty	VE3LNX	905-983-5831
Bulletin Publisher	Glen Goslin	VE3LIZ	905-725-1545
Club Historian	Mike Sherba	VE3DKW	905-723-7674
2 Meter Net Control	Roy Miller	VE3AAF	905-852-5447
Registrar	Keith Wyard-Scott	VE3GDF	905-723-5758
Get Well Cards	Ann Jones	VE3KWI	705-324-0638
Nonquon Canoe Races	Glen Goslin	VE3LIZ	905-725-1545
Field Day	Tom Rogers	VE3BTR	905-640-5549
Instruction Coordinator	John Nicholls	VE3SII	905-683-2495
Auditor	Rick Gibson	VE3ASH	905-434-2886
Lists and Labels	Paul Dale	VE3LHZ	905-434-6741
Jamboree On The Air	Tom Rogers	VE3BTR	905-640-5549
Club Inventory	Victor Doty	VE3LNX	905-983-5831
Ride For The Handicapped	Ralph Day	VE3CRK	905-576-8738

Meetings are normally on the 2nd Monday of the month at 19:30 SHARP at the Arts & Resources Center in Oshawa on Queen Street.

The Thu. night net convenes at 19:30 hr's, & CW practice at 20:30 to 21:30 hr's.

The Agenda for March will be a video on DXing. Gyorgy Balint VE3MRN, will answer any questions you may have concerning DXing, you may learn some of the secrets of DXing so lets go.

North Shore Amateur  
Radio Club Inc.  
P.O. Box 171, Oshawa  
Ontario L1H 7L1



## Trivia Answer

The answer to last months question is: if you require a Zener diode of a slightly higher voltage than what you have at hand, this may be accomplished by adding silicon diodes in series with the Zener diode. Each diode added will add approx. 0.5 to 0.7 volts to the regulated voltage. (Editor)

## Another Elmer Story

I can't remember exactly how I came to meet Joe, although it must have been through rough a mutual friend. I was in the sixth grade and about 11 years old (in 1958). He lived on Jordon street with his mother , a widow who worked at the Farm Bureau office. She seemed quite old to me at the time and she was stooped and appeared frail. Joe sometimes was a burden to her, although he made sure he stayed out of her way.

Joe used to talk a lot about ham radio with an unusual flair. As much as he was enthralled about radios he seldom got on the air. He had an old chrome bug and probably preferred CW operation. He had wire antennas all over the trees and the house. His bedroom was always messed up and not a very large room either.

He helped me build a small two tube transmitter. He explained how the Drexel Pool Hall would accumulate old cigar boxes. The best ones he explained, were paper covered wood, rather than the cardboard construction. Anyway, I found one with a wooden core and assembled a small battery powered transmitter. Together we scrounged up parts from old radio sets and the local repair shop. A dry cell for the 1.5 volt filaments and two used 45 volt batteries for the plate circuits. One of the tubes was a 1S4 type and the other one escapes me. But, to Joe every p project was a new adventure.

On February 13, 1959 Joe gave me the Novice exam code test. It was Friday ,too! I was new at this and the FCC was pretty slow. The new license came nine weeks later with the call KN9RVC. But just a few days before the

license came , I had just completed the new (cigar box) transmitter and had given it a try. Joe lived about a half mile away and was listening with his old Hallicrafters S-38 receiver. He called to report the signal was loud and clear, unfortunately, my father had picked up the phone. After identifying himself he asked my dad to stop sending immediately until my license arrived! I was 12 then but still eligible to get a suitable beating. My dad must have been frightened.

In the next year or two, Joe had written a book about radios aimed for youth. Several times I have found one of his books in a public library. He was paid a little money for writing the books which he promptly funnelled back into building electronic equipment "from scratch". I used to help him in his basement. Together we built some high fidelity radios and some power supplies. He was proud to demonstrate lecher wires with a free-running oscillator, in the UHF bands. Looking back he was living in the past in almost everything he did, but I did not realise it.

As time went on I began to notice that Joe was different. He wasn't particularly social and his interests were quite limited. But he was usually upbeat and appeared happy to talk with me. I met other hams in Jacksonville and became interested in a local radio club. Joe knew some of the members but preferred to stay at home. He was not very willing to meet my family, but probably came over to our house once or twice. His life was kept fairly simple but that was the way he preferred things.

Several years later, in the mid-60's he was a patient at the (local) state hospital and stayed in the veteran's dormitory. I used to work weekends filling the soda machines and occasionally would see Joe there, It was depressing to see so many people with nothing but time on their hands. I did not think of Joe as being sick, just a little different. He must have been a constant burden to his mother too.

I visited Joe several times in years past. He was always glad to see me , and always gave me the

"killer handshake". He seemed not to be affected much by what was going on in the world or even in the community. I remember once being extremely upset to hear that one of the local hams had berated him on the air, and that he may have been listening. Yes, Joe was different, but my experience was that he was helpful, polite, and very interesting to talk to.

I believe He was gifted in a number of ways. If he was unhappy, he did not show it. I'll miss Joe and always remember how he tried to help me understand how electronic circuits worked. I suppose that I mostly remember Joe through the eyes of a child.

For the past 10 years or so, another ham friend in Jacksonville (Ron Jackson, WA9NZF) made it a point to have Joe over to eat dinner with his family on Saturday evenings. The visit always included a trip to Ron's shack where he would get on 75 meters and use his own callsign. I can still remember him lighting up with such enthusiasm and saying "this is Whiskey Niner - Zebra Donkeys and Nanny goats".

Joe died from heart trouble in August of 1991. He was 66 years old and had been considered disabled for a number of years. Although I didn't know it for the first few years, Joe was in a motorcycle accident in 1949 and suffered a serious brain injury. He had served in the Army in WW2 and later attended and graduated from Illinois College with a degree in English.

Editors Note \*\*\*

It is submitted by Jim Woods, KC7FG.

This was Jim's story about his friend and ELMER - Joe.. I want to thank Jim for sending this story.

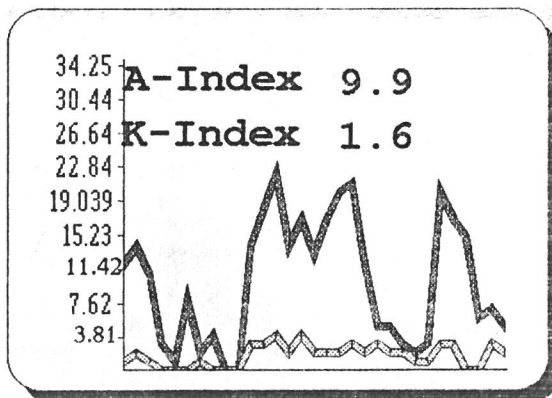
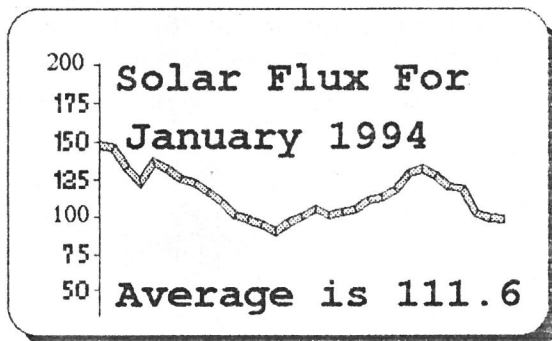
JIM WOODS KC7FG@N0ARY  
I am Jerry W8AYB@KC8TW.

=====  
The chance of a pedestrian getting an even break depends on how the vehicle hits him. (Editor)  
=====

Did you hear about the golfer who cheated so much that when he got a hole- in-one, he marked down a zero on his score card? (Editor)

### Baxter's Law

In a free market good money always drives bad money out of circulation. (Editor)



well as you can see there was a bit of solar activity in the month of January, but band conditions were quite good on a whole for a large portion of the month so I hope all you DXers out there made the best of the conditions. (Editor)

### VE3AQU Report

For anyone who hasn't heard yet, Charlie Vanstone has had a heart attack. This happened some where around January 23 - 24. Fortunately it was not fatal but it was a very serious heart attack. Charlie was in Bowmanville Hospital, but by the time you read this he will have been home for a few weeks. Charlie was shoveling snow at the time of the attack, so again watch that shoveling, if nothing else I am sure that the snow will melt by July, hi hi. (Editor)

=====  
Another measure of civilisation progressing is the way the cost of relaxing keeps going up. (Editor)

## True Blue Fan

Surprised to see an empty seat at the World Series the die-hard fan remarked about it to the woman sitting next to it. "It was my husband's," the woman explained, "but he died." "I'm very sorry to hear that," said the man. "Yet I'm really amazed that another relative, or friend, didn't jump at the chance to take the seat reserved for your husband." "Beats me why they didn't," she said. "They all insisted on going to the funeral." (Editor)

## THE AMATEUR'S CODE

### ONE The Amateur is Gentlemanly.

He never knowingly uses the air for his own amusement such a way as to lessen the pleasure of others. He abides by the pledges given by the ARRL in his behalf to the public and the Government.

### TWO The Amateur is Loyal.

He owes his amateur radio to the American Radio Relay League, and he offers it his unswerving loyalty.

### THREE The Amateur is Progressive.

He keeps his station abreast of science. It is well built and efficiently. His operating practice is clean and regular.

### FOUR The Amateur is Friendly.

Slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance and co-operation for the broadcast listener; these are marks of the amateur spirit.

### FIVE The Amateur is Balanced.

Radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community.

### SIX The Amateur is Patriotic.

His knowledge and his station are always ready for the service of his country and his community.

## Bulletin Items

I am always looking for items to put in the bulletin, whether it be for sale, wanted items or an article of interest to others, let me know.

(Editor)

## A Little History

For anyone who didn't know Colin Bell very well he died at age 69. He had been in hospital for surgery and was coming along quite well, but took a turn for the worse and passed away Saturday morning December 25 1993

Anyway to give you a little history on Colin, he worked at General Motors from 1941, as a tool and die designer and then as a design supervisor until he retired in 1980.

Colin was involved in many hobbies as are many hams, woodworking, amateur radio, photography, gardening, golf, bowling, stamp collecting and music were some of his interests. Colin was also interested in politics and during WW II served in the Canadian Navy as a bandsman.

Colin also played the piano, organ and clarinet, as well he was the pianist in the Boyde Valleau Orchestra before joining the navy and also for a period after the war. He was a jazz fan as well and had a large collection of jazz and classical recordings.

Colin became interested in amateur radio in the mid 50's and was active in the N.S.A.R.C. until the later 60's and became active again in the mid 70's until his death. Colin was secretary for several years, (from mid 70's to early 80's) and then he assumed the position of looking after Get Well Cards (taken over by Ann Jones VE3KWI). Colin held several positions in the club over the years. For several years Colin looked after the corn roasts, as well the wine and cheese parties, plus there were a lot of other background that Colin was involved in that helped the club to run smoothly (there are a lot of these jobs that no one stops to think about). (Editor)

AUTHOR - PAUL M. SEGAL

When people say they won't be a minute, they're usually right They will be an hour. (Editor)

Nothing encourages originality so much as trying to read your own handwriting. (Editor)

## Fleamarket

Well it is that time of year again and as usual we are looking for help at the fleamarket for set up and take down at the end of the event. Anyone who can help please make your self known to Len VE3SVD at the March meeting and show up at the Metro East Trade Centre at 7 PM local time April 8 1994 for set up. This is a very important event as far as the N.S.A.R.C. is concerned because this the ONLY thing that makes it possible for the club to put on the social events (corn roast, sermon on the mount Christmas party and field day) that are so popular with all the members, so your support is really required to make this a really successful event again this year. We are hoping to see a good responce from ALL the new members that are taking the coures at Eastdale, by the way this is another N.S.A.R.C. supported occurrence.

The trouble with some people today is that they are educated beyond their intelligence. (Editor)

## RAC NEWS BULLETIN 05-94 PACKET EDITION

### #2. INSTANT HAM LICENCES PROPOSED?

The FCC in the U.S. has proposed temporary operating authority to unlicensed persons who pass the examination for a new amateur operator license. Those operating under the proposed new rules would use call signs determined by the initials of their name and by their mailing address. The prefix for each such call sign would be WZ followed by a number indicating the appropriate volunteer examiner

co-ordinator region. The FCC said it was making the proposal to better serve new amateurs and to increase productivity in the processing of license applications.

The ARRL Bulletin 106, 10/25/1993 is quoted as the source for this item in the November 1993, Fulton N.Y. Amateur Radio Club Bulletin.

### #5. ARE VE LICENCE PLATES AN INVITATION TO THEFT?

According to VE3XAG, loss of mobile amateur radio equipment isn't uncommon when vehicles are marked with VE tags. He has recently had radios stolen from his car in a parking lot in the middle of the day. He says he has spoken to others with similar experience who share one thing in common. VE plates. Radios were recently stolen from amateur radio vehicles parked outside of a club meeting.

He suggests that if you have VE plates, get rid of them. Also recommended is a car alarm, and the removal of radio equipment from your vehicle when you are not in it.

Hams are reminded to be suspicious of anyone with a number of used radios for sale, often incomplete, without antennas, accessories or manuals.

### #6. NEXT RAC PACKET BULLETIN

The print version of this bulletin is sent on the 15th of the month to RAC affiliated clubs, all Section Managers, Bulletin Managers and Official Bulletin Stations throughout each RAC Section. In an attempt to keep the packet edition of the bulletin to no more than two parts, it will be transmitted more frequently. The next bulletin should be transmitted on or about February 15, 1994. Watch for it.

### Note!!!

I didn't print the whole RAC bulletin as space was in short supply, but I picked out what I thought to be the most interesting items. (Editor)

## Today's Saying

I didn't intend to do anything today and so far I am right on schedule. (Editor)

The trouble with running is that by the time you realise that you are in no condition for it, you have got a long walk back. (Editor)

=====

## Editors Mistake

I want to apologise to everyone for the mistakes in the coax loss chart in last months bulletin, it seems as I was in great error in the losses for RG213U cable. I an including a new chart this month with the corrections made so I hope you find this useful when contemplating a new antenna system in the future. (Editor)

## Trivia Question

How can you make a Zener diode a variable Zener diode at a very minimal cost? (Editor)

## FEBRUARY MINUTES

The meeting was called to order at 19:36 by Robert, VE3VKM with 40 people in attendance. Peter VE3WWZ introduced the guests for the evening, Stephen Canney, VA3ID and John Houghton, of the Ontario DX Association. Steve gave an interesting talk on Short Wave Listening and handed a copy of the association magazine, DX Ontario, to everyone present.

**FINANCE** Laird, VE3LKS, reported a balance of \$9169 of which \$1000 is committed to the flea market and \$74 is committed to **EMO**. No report

**NEW BUSINESS** Jose VE3RJX - Suggested donating current edition callbooks to the library at an estimated cost of \$60.

Winston VE3WFS - Suggested some form of remuneration be given to guests of the club to help offset expenses. Both suggestions are to be considered at next month's meeting.

Laird VE3LKS - Presented a guideline for tighter spending throughout 1994, due to the expenses to be incurred by the proposed repeater site relocation to the Orange Lodge at Purple Hill and the possible drop in revenue from the flea market. Questions were raised

from the floor regarding the move, including the expenses and the result to the club finances but due to the absence of key participants, these questions could not be answered. Glen VE3LIZ proposed and Gary VE3EPY seconded a motion that an audit be done of the treasurer's books for the period Jan 1st. 1993 to Dec. 31st. 1993 and that copies of the itemised financial year end report be made available to club members at the next regular meeting on March 4th. 1994. CARRIED. Gary VE3EPY requested a copy of the estimated 1994 budget be made available for general distribution. AGREED. Gary VE3EPY rRequested that minutes from the executive meetings be made available for the membership. AGREED.

Jose VE3RJX suggested handing out the club bulletins at regular meetings to save mail costs. After discussion it was decided to leave as is. George VE3INB announced that he would not be returning as an instructor for next years ham classes and that the club should start looking for a replacement now. George also addressed the meeting to provide information on the upcoming flea market and added that he felt confident of a healthy return, despite the added administration costs. George received a round of applause, started by Margaret, VE3BNN, who thanked George for all the work he had done to help hundreds of new hams get their licenses, including her own.

Len VE3SVD is looking for volunteer security personnel for the flea market.

50/50 DRAW - won by Len, VE3SVD.

The meeting closed at 22:00 proposed by Len, VE3SVD, seconded by Peter, VE3WWZ.

## Another Hint

To deep clean your stainless sink, wipe with a solution of ammonia and water or dish detergent and water. Dry thoroughly to avoid spots and to clean glass top tables rub on a little lemon juice, dry with paper towel and shine with newspaper. (Editor)

**For Sale** AEA CP1 & CP100 rtty, cw interface with software, call for more info call VE3CXX Clare 905-433-8937

**For Sale** Dentron CM-1 amplifier interface asking \$40.00 or trade call VE3LNX Victor 905-983-5831

**For Sale** Heath SA-25002 KW auto tuner asking \$350.00 or B.O. call VE3CXX Clare 905-433-8937

**For Sale** Finals for FT101E's 6JS6C's, new, asking \$65.00 a pair call VE3LNX Victor 905-983-5831

**For Sale** Stark VTVM model VMK-3A, asking \$20.00 or B.O. call VE3MBO Wilf 905-263-2373

**For Sale** Heath 1420 VLF receive converter, manual, asking \$35.00 call VE3LNX Victor 905-983-5831

**For Sale** 4CX250B tubes, new asking \$40.00 each or for 4 \$135.00 call VE3LNX Victor 905-983-5831

**For Sale** 11 element 220 mhz beam by Cushcraft, asking \$30.00 call VE3LNX Victor 905-983-5831

**For Sale** Heath SB610 monitor scope, asking \$110.00 or B.O. call VE3CXX Clare 905-433-8937

**For Sale** Mariner 3000 digital radio direction finder, 12 operation, asking \$85.00 call VE3LNX Victor 905-983-5831

**For Sale** Bull horn with jack for external power jack, asking \$35.00 call VE3LNX Victor 905-983-5831

**For Sale** Sierra VLF receiver 1 kc to 350 kc, asking \$145.00 call VE3LNX Victor 905-983-5831

**For Sale** 40 ft. heavy duty mast pipe, you pick up, asking \$50.00 call VE3CNO Gary 905-576-1654

**For Sale** CSI Private Patch III auto patch, comes with full docs. asking \$400.00 or trade call VE3CNO Gary 905-576-1654

**For Sale** Low pass filter for HF bands asking \$30.00 call VE3LNX Victor 905-983-5831

**For Sale** Ham II rotor and control box and manual, asking \$275.00 call VE3LNX Victor 905-983-5831

**For Sale** IC-271A 2 meter all mode, comes with ALL options installed, call for more info call VE3CXX Clare 905-433-8937

**For Sale** 2C39's, 3CX100's, 7289's tubes for sale, asking \$5.00 each call VE3LNX Victor 905-983-5831

**For Sale** Hustler HF mobile antennas system 10-80 meters & mount \$165.00 call VE3LNX Victor 905-983-5831

**For Sale** Kenwood PS30 power supply asking \$170.00 call VE3LNX Victor 905-983-5831

**For Sale** Ten Tec Omni-C 10-160 meters tranceiver with voice synth., asking \$650.00 call VE3LNX Victor 905-983-5831

**For Sale** 6146W series tubes, all tubes checked and guaranteed, asking \$45 + shipping call VE3LNX Victor 905-983-5831

## CABLE LOSSES AT 100' USING COAX

	<u>RG-58/U</u>	<u>RG-59/U</u>	<u>RG-8/U</u>	<u>RG-11/U</u>	<u>RG-8A/U</u>	<u>RG-213U</u>	<u>9913</u>
<u>10MHZ</u>	1.25db	1.1 db	0.7 db	0.7 db	0.55 db	0.6 db	NA db
<u>50MHZ</u>	3.2 db	2.5 db	1.3 db	1.7 db	1.22 db	1.22 db	0.9 db
<u>150MHZ</u>	6.0 db	4.3 db	2.4 db	2.8 db	2.0 db	2.0 db	1.7 db
<u>220MHZ</u>	7.3 db	5.2 db	2.9 db	3.5 db	2.75 db	2.75 db	1.8 db
<u>450MHZ</u>	13.0 db	7.5 db	4.5 db	5.3 db	3.9 db	3.9 db	2.75 db
<u>1 GHZ</u>	17.0 db	12.0db	8.5 db	7.8 db	5.5 db	5.5 db	4.5 db

## CABLE LOSSES AT 100' USING ANDREWS HELIAX

	<u>3/8" LDF*</u>	<u>1/2" LDF*</u>	<u>7/8" LDF*</u>	<u>1 5/8" LDF*</u>
<u>30MHZ</u>	.65 db	.45 db	.23 db	.15 db
<u>50MHZ</u>	.80 db	.58 db	.30 db	.20 db
<u>150MHZ</u>	1.40 db	.90 db	.45 db	.30 db
<u>200MHZ</u>	1.70 db	1.00 db	.55 db	.35 db
<u>500MHZ</u>	2.50 db	1.80 db	.95 db	.60 db
<u>1 GHZ</u>	3.70 db	2.50 db	1.50 db	.80 db
<u>2 GHZ</u>	5.50 db	3.80 db	2.20 db	1.50 db

\*LDF= LOW DENSITY FOAM