

OCT.

NORTH SHORE AMATEUR RADIO CLUB

N.S.A.R.C. EXECUTIVE FOR 1993

>OCTOBER< SPARKS

President	Richard Button	VE3RJB	725-7150
Vice President	Casey Coley	VE3NGT	623-0264
Treasurer	Laird Solomon	VE3LKS	434-7339
Secretary	Fred Bengé	VE3TIG	576-4839
Program Dir.	Peter Johns	VE3WWZ	723-9049

CLUB COORDINATORS

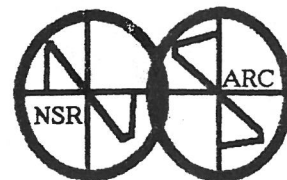
A.R.E.S. Coordinator	Margaret Jeffery	VE3BNN	725-1238
Special Events Coordinator	Ralph Day	VE3CRK	576-8738
Bulletin Editor	Victor Doty	VE3LNX	983-5831
Bulletin Publisher	Glen Goslin	VE3LIZ	725-1545
Club Historian	Mike Sherba	VE3DKW	723-7674
2 Meter Net Control	Roy Miller	VE3AAF	852-5447
Registrar	Keith Wyard-Scott	VE3GDF	723-5758
Get Well Cards	Colin Bell	VE3CEU	723-7842
Nonquon Canoe Races	Glen Goslin	VE3LIZ	725-1545
Field Day	Tom Rogers	VE3BTR	640-5549
Instruction Coordinator	John Nicholls	VE3SII	683-2495
Auditor	Rick Gibson	VE3ASH	434-2886
Lists and Labels	Paul Dale	VE3LHZ	434-6741
Jamboree On The Air	Tom Rogers	VE3BTR	640-5549
Club Inventory	Len Nixon	VE3SVD	985-7120
Ride For The Handicapped	Ray Zambonelli	VE3OUB	723-2467
	Ralph Day	VE3CRK	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 October Is A talk By VE3A2U Charlie Vanstone Which I Am Sure Everyone Is Going To Enjoy, So Be Sure To Attend, Especially The New Hams, You Will See What Ham Radio Was Really Like 50 Odd Years Ago.

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



Trivia Answer

The miracle discovery of the age was the telephone, invented by Alexander Graham Bell in 1876. Within 4 years there were 50,000 units in service. (Editor)

The following article I acquired on packet radio, I found it interesting and I hope you will as well. (Editor)

History Of Atlas Radio Company

Since Atlas is again entering the HF Transceiver market, the following is a brief recap of the company's history. Herb Johnson, W6QKI, was the founder of Swan Electronics in 1961, manufacturing the first generation of highly successful SSB/CW Transceivers for the amateur radio market. In 1967 he merged Swan with Cubic Corp. of San Diego, and continued managing the Swan subsidiary until 1973. The Swan line of equipment was mostly tube type design, and through the years more than 80,000 Swan Transceivers were sold. A high percentage of them are still on the air, putting out strong, good quality signals. (The name "Swan" was chosen in memory of Herb's dad, whose name in the old country, Sweden, was Sven, but was Americanized to Swan when he came to the U.S.A.)

In 1974, Herb started his second company and named it Atlas Radio (after the 1924 vintage diesel engine in the 1924 motor vessel, "Westward", owned and skippered by his friend, Don Gumpertz, K6OF). Atlas introduced the first really successful all solid state transciever. In this design he had valuable assistance of Les Earnshaw, founder of Southcom International. The original model 180 covered the 160, 80, 40, and 20 meters. In 1975, the 210 and 215 models evolved, followed by the 210X and 215X improvements in 1976. (The 210 series covered the bands

from 80 through 10 meters, while the 215 covered 160 through 15.) There were over 19,000 of these models sold. They were developpe under the "KISS" principle ("Keep-It-Simple-Stupid"), and the design set new standards for high performance and reliability, as well as being practically bullet proof. The big majority of these early Atlas radios are still in service, and are not easy to find on the used market.

"The Swan transceivers were what I like to think of as my first generation of SSB HF Transceivers," says Herb. "They were then followed by my second generation, the Atlas transceivers of the 70's."

"And, so here we are, back again, this time with the third generation, the brand new Atlas 310.

73 Herb Johnson W6QK1

Now Everyone Wants One

IT IS HARD TO IMAGINE A WORLD WITHOUT TOOTHBRUSHES, but before 1770, relatively a few years ago, they didn't exist. The man who made the first toothbrush had plenty of time in which to give careful thought to his invention. William Addis, a reformer, was serving a lengthy term in an English prison, for inciting a riot, when his brain turned to something more commercial. The first toothbrush was made from a dinner bone with bristles looped through a cluster of small holes at one end. A far cry from today's brushes that come in all sizes and colors and some with bristles that revolve electrically. But William Addis got things rolling, and when the British government decided he deserved a pardon for his crimes, he established the first toothbrush factory in the world. So who says crime doesn't pay. (Editor)

Another Household Hint

To make your stainless steel sink shine use white vinegar or club sods. (Editor)

GIRL GUIDES ON THE AIR

I would once again like to thank Jim Tower VE3SVM and his wife Norma, Jim Tower Jr. VE3UQZ, Len Nixon VE3SVD, Peter Johns VE3WWZ, and Ralph Day VE3CRK, of the North Shore Amateur Radio Club, for your help in making the February 20th 1993 Guides On The Air a success. Unfortunately, we did not have as many girls show up as we had hoped for, due to a mix up in dates, but for our first attempt at this event it worked out just great. Thanks to your great equipment and skill, The 42nd Oshawa Brownie Pack are now pen pals with a pathfinder group in Castlegar B.C. We have asked our pen pals in B.C. to pass on our mailing address to other Brownie packs in B.C. so that we can learn more about what its like to be a brownie in B.C. Someday, our little event may be the origin of many new friendships.

We would like to organise Guides On The Air again this year. The dates of this years event are February 19th and 20th 1994. I hope I can count on your co-operation in making this another successful event. Hopefully this year we can get Camp Adamac, the new Guide camp which is located on Shirley Rd., North of Oshawa, just past the ridges. This would be a much better location because you may be able to put some towers up. If anyone is interested in helping at this years Guides on the air, or have any ideas to help us inform the girls better about Ham Radio, please call Ralph Day (VE3CRK) at 576-8738. I hope to see you there!!

Sincerely,

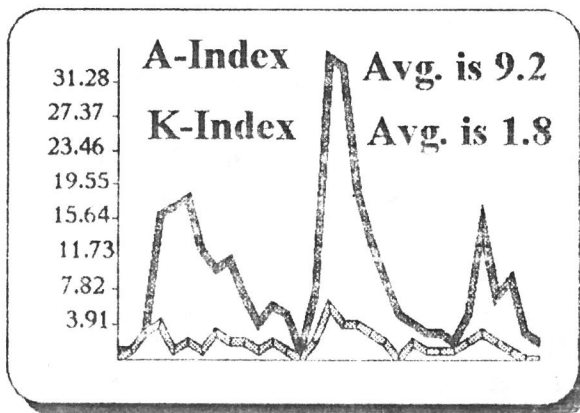
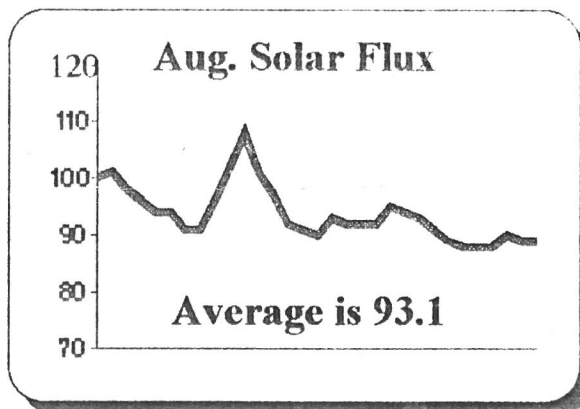
Heather Day (Snowy Owl)
42nd Oshawa Brownies

Trivia Question

Almon B. Strowger was the inventor of the dial phone which helped the problem of switching, which is the basis of what we call machine switching. What did Almon B. Strowger earn his living at? (Editor)

Taken To Heart

IT WAS THE INFAMOUS dictator Adolf Hitler (1889-1945), who said: "The great mass of people...will more easily fall victim to a big lie than a small one", a statement generations of politicians who followed him have seen fit to believe. (Editor)



Medical madness

Patient: Doc, I'm calling long distance, I've been on this exercise program of yours for ten days now and it's just not working. **Doctor:** I told you to run five miles a day. Have you lost any weight? **Patient:** Sure, I've lost weight, but now I'm 50 miles from home! (Editor)

Still Another Hint

To brighten your carpet sprinkle with cornstarch, let stand for one hour then vacuum. (Editor)

THERE'S LUCRE IN LIQUOR

A neighbourhood liquor store proprietor handed out a card the other day to his customers, printed on it was the following information:

**IF YOU CAN'T REFRAIN FROM
DRINKING WHY NOT START A
SALOON IN YOUR HOME?**

**GIVE YOUR WIFE \$180.00 TO BUY A
CASE OF BOOZE.**

**THERE ARE 472 SNORTS IN A CASE.
BUY ALL YOUR DRINKS FROM YOUR
WIFE AT \$1.00 A SNORT.**

**IN FORTY DAYS, WHEN THE CASE IS
GONE, YOUR WIFE WILL HAVE
\$292.00 TO PUT IN THE BANK AND
\$180.00 TO START BUSINESS AGAIN.**

**IF YOU LIVE TEN YEARS AND
CONTINUE TO BUY YOUR BOOZE
FROM YOUR WIFE, THEN DIE WITH
YOUR BOOTS ON, YOUR WIFE WILL
HAVE \$87,600.00 ON DEPOSIT.**

**ENOUGH TO BRING UP THE
CHILDREN, PAY OFF THE MORTGAGE
ON THE HOUSE, MARRY A DECENT
MAN AND FORGET SHE EVER KNEW
YOU.**

73'S ERIC VE3VOC@VE3SNP

CNE REPORT

The NSARC day at the CNE, Sept. 4th, was again well supported by club members. Some of us caught the GO bus at Oshawa and joined the rest at the Pickering GO station for the ride into the CNE by the GO train. The weather was slightly overcast in the morning but cleared up enough for the Air Show at 1:30 P.M., which pleased those interested in seeing the show. Due to the move of the Arts

and Crafts Exhibits to a new location, large outside antennas could not be acquired and installed in time for this year's event. As a result, the vertical antennas, which were installed on the roof of the building, were a Cushcraft AR 2/70 dual bander, a Cushcraft R7, 7 band vertical, and a dipole. The stations consisted of a dual band Standard 2400 on 2m and 70cm FM, a packet station with a PK232MBX and PC running PC Pakratt, an Icom 728 on 80 and 40 meters and an Icom 737, PK9 (receive only) and PC on 40,30,20,17,15,12 and 10 meters. During the day, a variety of people were introduced to the station by our members on the floor and we were able to answer a number of questions about amateur radio, which resulted in a large number of prospective amateur cards being filled out. A special thanks to Larry and Al, and to other amateurs who came and offered their assistance at the station during the day. Both Ralph and I would like to thank the members who helped make this event a success. Those who joined us for the day were Bob, ADJ; Anne, KWI; Richard, RJB and family; Greg, YBR; Jim, OYE; Sarah, ZQS; Marg, BNN; Mike, DKW and Vera; Phil, PJO, son Kevin, OKY and younger son; Charles, UEM; Ralph, CRK; Glen, LIZ. Also, Eric, VE3HMG and his wife, Pat dropped in to see us at the station. Those who helped at the station during the day had their name put into a draw for a Hand-Held radio, which is to be drawn at the end of the CNE.

Ralph and Glen

Herman's Dilemma

Herman had trouble getting up in the morning, so he asked his physician to prescribe some pills. That night he took one, slept like a log and was wide awake before the alarm went off. He dressed slowly, had a leisurely breakfast, got to the office and told his boss, "I feel great. I had no trouble getting up this morning." Wonderful, replied the boss... But where have you been for the last three days? From the Happy Club, 73 de Felly, KB4CTL

September Minutes

General Meeting Sept. 13, 1993

There were 36 people in attendance. Meeting was called to order at 19:36 by Richard, VE3RJB. Treasurer's report indicated a balance of \$6,370.69 And an additional \$356.69 in EMO funds. At the Lindsay Fleamarket an advertisement was circulated indicating that a new HAM RADIO store is to open in Oshawa in the Wilson & Wentworth area in a few months.

Corn Roast Ron Wragg VE3AIY and Sara, VE3ZQS, are to be congratulated on an excellent corn roast.

Sermon on the Mount Len, VE3SVD and Carmen were responsible for a super Sermon on the Mount this year.

Field Day Tom, VE3TBR was absent and unable to give details of the Field Day. Those present indicated that they enjoyed themselves.

VE3CNE Ralph and Glen were part of the 15 club members that attended this year's CNE station and reported that their antenna in the facility needs a "little work".

EMO Margaret, VE3BNN report that there was a small exercise this last summer in which some of the "bugs were worked out". She reported that the large exercise that had been scheduled for the fall would not materialise due to the cutbacks in budget.

JOTA Volunteers are needed for the Oct. 16 and 17 weekend from 10:00 - 16:00 both at the hall in Blackstock and Camp Samac in Oshawa. Antennas will be "thrown" into trees. Two HF and 2 meter rigs will be required at each site. It was decided that VE3NSR QSL cards would be used as JOTA certificates. We require 6 people per station. Contact Jim, VE3SVM for the Blackstock station and Tom, VE3BTR for Camp Samac station.

Trailer Jim, VE3SVM reported on the progress of the trailer. He indicated that it was stored at his QTH. He is still looking for a source of gas shocks to support the doors. All 4

towers have been painted. The trailer also stores coax cable, 4 km of rope, a 144 MHz and 440 MHz Isopole, a propane stove and dining tent. We are still looking for a gas BBQ. We also have a tarp to cover the trailer.

Ham Radio Class Instructor

John Nicholls, VE3SII 683-2495

***Thursdays 7:00 - 10:00 P.M. @ Eastdale Collegiate and Vocational Institute ***

Cost : \$15:00 & RAC Study Guide \$27.00

Repeater Committee The CLOCA Purple Woods Conservation area will be the site of the VE3OSH repeater. A 56 foot tower has been purchased and delivered.

Fleamarket Vic, VE3LNX reported that there have been no meetings scheduled of the fleamarket committee because the SPARC group will be having all new members on the committee and that the SPARC club's first meeting will not take place until Sept. 23rd. The revenue from 68 tables was lost as it was not possible to place tables in the hallways due to fire regulations. On a positive note the fewer tables allowed people to move from room to room easier.

Motion was made by Jim VE3SVM to increase the club membership fees by \$5.00 Family memberships are to remain the same. Motion seconded by Roy, VE3AAF. Motion carried.

Morse Code Speeds Motion was made by Jim, VE3SVM to have the code speed as follows:

7 WPM for 15 min. 10 WPM for 15 min.
13 WPM for 15 min. <13 WPM for 15 min.

Seconded by Roy, VE3AAF, Motion carried.

Code speeds are to be announced for the next few weeks prior to code practice.

Coffee Break VIDEO Peter, VE3WWZ presented a video of steam locomotives.

50/50 Draw was won by Paul, VE3LHZ.

Next meeting Oct. 11, 1993

Please NOTE: NOV. meeting will not be on the 2nd Monday of the month. A NEW LOCATION FOR NOVEMBERS's meeting (only) will be in next months bulletin.

minutes by VE3TIG / Fred

For Sale Heath SB-634 station console, patch, power, swr, clock, timer, asking \$145.00
call VE3LNX Victor 905-983-5831

For Sale New 1" aluminium tubing in 12' lengths, .049 ga. wall asking \$25.00 each
call VE3LNX Victor 905-983-5831

For Sale New ½" aluminium tubing in 12' lengths, .095 ga. wall asking \$20.00 each
call VE3LNX Victor 905-983-5831

For Sale F9FT 432 mhz yagi 15 elements asking \$75.00
call VE3LNX Victor 905-983-5831

For Sale Dentron CM-1 amplifier interface asking \$50.00 or trade
call VE3LNX Victor 905-983-5831

For Sale Finals for FT101E's 6JS6C's, new, asking \$60.00 a pair
call VE3LNX Victor 905-983-5831

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

For Sale Heath 1420 VLF receive converter, manual, asking \$45.00
call VE3LNX Victor 905-983-5831

For Sale 4CX250B tubes, new asking \$35.00 each or for 4 \$100.00
call VE3LNX Victor 905-983-5831

For Sale 11 element 220 mhz beam by Cushcraft, asking \$35.00
call VE3LNX Victor 905-983-5831

For Sale Heath SB104-A HF transceiver, 10- 80 meters, asking \$400.00
call VE3LNX Victor 905-983-5831

For Sale Heath HP644-A external vfo for SB1041A transceiver, asking \$100.00
call VE3LNX Victor 905-983-5831

For Sale Heath SB 604 12vdc @ 20 amps supply for SB104A transceiver, asking \$140.00
call VE3LNX Victor 905-983-5831

For Sale Mariner 3000 digital radio direction finder, 12 operation, asking \$95.00
call VE3LNX Victor 905-983-5831

For Sale PK 64 packet controller for Commodore computer, asking \$150.00
call VE3MBO Wilf 905-263-2373

For Sale Commodore C64 keyboard, 1541 disk drive, 1802 monitor & modem \$175.00
call VE3MBO Wilf 905-263-2373

For Sale Kenwood TM-2550A 2 meter fm transceiver, 45 watts, asking \$425.00
call VE3LNX Victor 905-983-5831

For Sale Two code practice oscillators , asking \$10.00 each
call Walter VE3FJC 905-263-2338

For Sale Nye lowpass filter for ther HF bands asking \$30.00
call Walter VE3FJC 905-263-2338

For Sale Ten Tec Arganout 509 series transceiver QRP, asking \$325.00
call VE3LNX Victor 905-983-5831

For Sale Bull horn with jack for external power, asking \$30.00
call VE3LNX Victor 905-983-5831

For Sale Sierra VLF receiver 1 kc to 350 kc, asking \$125.00
call VE3LNX Victor 905-983-5831