

EXECUTIVE AND OFFICERS

THE NORTH SHORE AMATEUR RADIO CLUB

|                |               |        |          |
|----------------|---------------|--------|----------|
| President      | Bob Miller    | VE3HNH | 723-0601 |
| Vice-President | Don Dewey     | VE3GEN | 668-8776 |
| Secretary      | Cy Hamilton   | VE3LET | 263-8157 |
| Treasurer      | Steve Wotton  | VE3CFG | 725-4197 |
| Registrar      | John Pluister | VE3FGL | 655-4269 |
| Get Well Cards | Ted Brant     | VE3ADD | 668-3516 |
| Editor         | Glen Flintoff | VE3AEQ | 725-6408 |

NEXT MEETING:

The next meeting will be in the cafeteria of the O'Neill Collegiate on the main floor on TUESDAY, NOVEMBER 14, at 8:00 PM.

The featured speaker will be Tex Galpin CK of Sinclair Antenna - the subject, more talk about antennas, a subject dear to the hearts of us all.

NEWS ITEMS:

The Motorcycle Rally from Bewdley to Raglan return was a real success and again our two metre boys did a fine job.

The local Boy Scout Jamboree got off to a bad start on October 21 but Dave GUD, Perc AEX, and Don HYW soon had things under control, making many contacts on October 22.

The Code and Theory classes are progressing favourably with Don HYW instructing both Certificate and Advanced Theory and Bob GND taking over the Code from Wynn IOC who is concentrating on his own Advanced.

A fine job by very capable instructors.

Bob LLE requested a list of local net activities which are as follows -

2 Metres through VE3OSH- Thursday night 7:30 pm  
with Perce AEX - Net Control

28,350 KHZ - 10:00 am Sundays - with George GOU Net Control

14,160 KHZ - 'The Haggis Bashers' - 9:00 pm daily

Congratulations are in order for John FGL as he just officially received his appointment as a GM Metallurgist.

We all wish Dianne and Bob HNH a happy holiday in Hawaii November 14 to 24.

Elections for a new executive will be held at the December meeting which is combined with a Wine and Cheese Party. It has been proposed that in addition to our usual executive we add three Directors. Contact your executive if you are willing to stand.

Please mail your 1979 membership fee to John FGL -

|                 |   |        |
|-----------------|---|--------|
| Full membership | - | \$8.00 |
| Associate       | - | \$5.00 |
| 2nd member-     | - |        |
| same family     | - | \$3.00 |
| Student         | - | \$3.00 |

An interesting item from the past -

PEOPLE WITH VISION

One day, after class in Drafting at the old O. C. V. I., my genial, long, lanky, six-foot four teacher mentioned that he would not be back teaching after summer break. He mentioned that there was not opportunity enough in Ontario for continuing technical education, and with the help of a friend, he was going to start a school in Toronto.

His vision came true.

The teacher was Harold Kerr. His friend was Edgerton Ryerson.

Jack Elston VE3SJ

REPORT OF ACTIVITIES OF THE NORTH SHORE AMATEUR RADIO CLUB TWO METRE NET

For the month of October there was an overall increase in the number of stations participating, with an average of 42.5 per night, though on October 19 only 30 called in. Several of those regularly present are, or were, away on trips which we hope they are enjoying.

We are pleased to learn that Eddie's (VE3AZV) grandson is getting along well after his unfortunate car accident. Also to learn that our 'Ed', Glen VE3AEQ is back to work after an enforced spell of rest and therapy. We are pleased to have Don VE3HDV calling in regularly and to hear that he is coming along nicely.

Brent VE3EJW called in to let us know that the South Pickering Club is conducting a drive to collect Dominion Store tapes with the object of providing a motorized wheelchair for Don VE3HDV and to ask our participation. This is a very fine project deserving our support. He reported last Thursday night that all is going well. Tapes should be directed to Ralph VE3KDN or Perce VE3AEX who will pass them along on behalf of N.S.A.R.C.

Rae VE3RP is very happy with his new IC211 and IC701. As a matter of fact he was almost lyrical in their praise last week. Rae has several ICOM service manuals for different units from which information is available upon request. We managed to bring a couple of model railroad buffs together, Les VE3COV and Ralph VE3KDN. Have fun fellows!

This seems to be all of the news - keep the info and traffic coming in.

Again, my thanks to all who take part in making the net a success.

73 and 88's, Perce VE3AEX - Net Control

PACKET RADIO - coming soon!

Since we first heard this unusual name, Packet Radio, a short time ago, there has been much speculation by amateurs regarding the effects this service might have on the present operations on some of the bands. Now we have an announcement by the D.O.C. that they plan to make such a service available shortly and have prepared a new syllabus with the requirements and suggested reading material to help the applicant pass the examination.

One of the things that has been plaguing some of the hams is that the Digital Radio Amateur's Certificate does not have a requirement for a Morse Code examination, although the successful applicant will be able to operate in 'OUR' bands. Actually, the new licensee will only be able to operate in a specific area on, for example, 220 MHz and is not permitted to use 'Phone'. The requirements lean heavily on high-speed transmissions and digitizing techniques plus the fact that the candidate must also profess a knowledge of proficiency equal to an Advanced Class ham. After one year, he may apply for an Advanced ticket. He must copy morse at 15 w.p.m. for a consecutive 3-minute period.

Packet Radio is a system whereby 'packets' or groups of data are transmitted in an extremely short period of time. The packet must contain a header with suitable information regarding the destination and subscriber(s). It is a digital form of transmission which relies on exact timing and uses a phasing method for the information. One channel will accommodate a large group of users who would be slotted, or positioned, in a serial arrangement much like time-sharing as in our present commercial computer systems - your bank, for example. One or more packets would be necessary to pass the data along and would be received on a computer facility which would be required to 'answer-back' to confirm reception. Remember, there is no c.w. or voice intelligence. The received data would probably be displayed on a video screen.

Local clubs or organizations would arrange for the 'slot' position of the individual receiving station and any one station would not necessarily be aware of how many others may be operational at any time period. Packet Radio has existed for about five years now and the Canadian government has decided that amateurs should have the opportunity of experimenting with this new service. Remember that

amateurs virtually opened up SSB and even though the Common carrier systems of Bell, A.T.&T., etc. used the system many years ago it was the ham who has been credited with its development. More in a later issue of SPARKS.

Bernie AT1

ARTICLES FOR SALE:

1 only HEATH MODEL GR78 GENERAL COVERAGE RECEIVER  
 Range 190 KHz to 30 MHz - AM CW and SSB  
 with A.V.C., Noise Limiter, 'S' Meter and 500 KHz Calibrator

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SALE PRICE - \$125.00

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 WHEN IT PASSES THE SHORT THE NEEDLE  
 DEFLECTION CHANGES.

IF THE CURRENT IS HIGH ENOUGH, A TONG TEST ("CLAMP ON")  
 AMMETER MAY BE USED.