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N O R T H S H O R E R A D I O C L U B    B o x 171 O S H A W A    O n t a r i o

## EXECUTIVE &amp; OFFICERS    1976

PRESIDENT	Vic Baker	VE3ANX	723-7474
VICE-PRES.	Ralph Day	VE3CRK	576-8738
SECRETARY	Ed. Swynar	VE3CUI	725-8714
TREASURER	Steve Wotton	VE3CFG	725-4197
REGISTRAR	JOHN Pluister	VE3FGL	655-4269
FLOWERS & CARDS	Ted Brant	VE3ADD	668-3561
EDITOR	Bernie Sandbrook	VE3ATI	655-4156

February 1976

NEXT MEETING    February 16    Tuesday    8 p.m.    Durham College

Our speaker for this meeting will be Dave Kerr, VE3FGK. Dave will be discussing Techniques of Direction Finding and this should be of interest to quite a few people. Maybe the club can take part in transmitter hunts on 2 meters similar to those we used to have on 75. With an increase in the number of stolen mobile and portable rigs it will be necessary to develop a good corps of efficient sniffers. Last meeting was affected by the weather - one of those blowy snowy nights - but there was a good attendance considering ole man wx.

BITS N PIECES

Are you one of those who thinks that a genuine "old timer", with his solid brass hand-key, wouldn't go near a "new-fangled" electronic keyer? Well, check into page-9 of the April 1940 (!) issue of "QST" and be amazed at the grand-daddy of them all---the original article & circuit on "Electronic Keying" by W2ILE (incidentally, if space permits, members may soon see a junk-box keyer circuit in "SPARKS" which uses only one tube, 2 capacitors, and 3 pots---and this reprint would come courtesy of the July 1944 "QST"!).

While on the topic of keyers, Vic (ANX) is getting the "bugs" (no pun intended) out of the multi-i.c. unit which he recently completed. Inspired by this effort, Eddy (CUI) rushed into completion a single-i.c. unit (as seen in the 1975 Handbook) and "gave-it-a-go" after a recent 'phone session on the 10-meter net. The keying mechanism is a modified Vibroplex bug, and the circuit itself functions as outlined, but for one problem: with weak batteries (are there any other kind?!) connected to the i.c., the dashes from the keyed transmitter sound like distant belches from a lovelorn bullfrog in Darlington Park. A relay driver is definitely in the offing.

Some questions on Field Day '76: how many plan to participate this year? Do we really need the "rigid structure" of tent managers, log-keepers, etc.? (such "tagging" seems to scare-off potential ops who don't wish to bear the brand of one particular responsibility). Will Bill Cox (BRT) again graciously donate use of his beautiful farm site this year? (sure hope so)!!. How much \$\$\$ can we expect to garner from the club coffers for this year's event? (we're desperate for a new \$65.00 rotor/control mechanism--hint---to aid in some serious operation with our quad). And, finally, when will we start Field Day discussions?!

EDDY (VE3CUI)

"MINUTES OF THE NORTH SHORE RADIO CLUB MEETING  
FOR TUESDAY, 13th JANUARY 1976"

The meeting was called to order in the facilities of Durham College at 8:15 p.m., with 37 persons in attendance, 6 of which were guests.

Following the reading and adoption of the minutes, the membership again (as in December) decided to table for future discussion the possibility of a club-sponsored dance due to the fact that the major proponent of such an event, Hank (FHV) was not present.

Vic (ANX) next appealed to all present for suggestions on the contents of future meetings; the proposal was made to bring in outside speakers, such as VE3AEE who recently, it was learned, traversed the USSR with an engineering group.

Shortly thereafter, Rae (RP) informed the membership of the 2-meter "phantom" who was causing considerable interference to the operation of VE3OSH; a brief but lively discussion quickly followed as to the possible ways of capturing the culprit involved.

Following this, attention was drawn to yet a graver topic of interest, as Bob (HNN) rose to outline the facts and his personal view surrounding the Radio Society of Ontario's proposal to introduce Incentive Licensing to Canada. A heated debate thus ensued, with even the General Radio Service coming under scrutiny, until the time of the coffee-break at 9.00 p.m.

At 9.30, the meeting resumed again with a raffle for three desk calendars contributed by Bob (HNN), the proceeds of which (\$7.35) entered the treasury. Shortly thereafter, Steve, (CFG) announced his updated Treasurer's report, clarifying several points which were a source of confusion in the Annual statement in January's bulletin. Further to this, it was moved and carried that cards alone (without flowers) were to be sent in the future, for the sake of economy.

Attention then fell again upon the matter of Incentive Licensing as proposed by the R.S.O.; 31 completed copies of the R.S.O. ballots, together with a show of hands, established the following:

(A) - It was unanimous (100%) that the R.S.O. proposal was an acceptable "as is";

(B) - It was unanimous (100%) that the idea of an "Extra Class" licence should be dropped completely;

(C) - A total of 11 members (35%) agreed that the idea of a Novice Licence, as proposed, was unacceptable;

(D) - A total of 21 members (68%) were in favour of reducing the pass-mark of 100% on the present 10-words-per-minute Amateur code examination, to a figure somewhere between 80% and 95% (proponents of this suggestion included Novice supporters as well), and,

(E) - A total of 10 members (32%) favour no change whatsoever to the Amateur regulations as they exist today.

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It was announced that the club Secretary would send a letter to the R.S.O. listing these results.

A brief talk on the fact that the Scarborough Amateur Radio Club will be hosting the 1977 A.R.R.L. Convention brought forth the suggestion that the North Shore Radio Club offer its' assistance, if required.

Following this, the meeting closed at 10.05 p.m.

-EDWARD PETER SWYNAR - VE3CUI

### CORRECTIONS

The Editor goofed and a few 'typographical errors' slipped out? Some corrections follow:

Ralph Day            VE3CRK    error on masthead tel nr. should have  
read Telephone    576-8738

December issue with FM listings - corrections follow:

146.46/147.06    Toronto            ONT    VE3RPT  
147.69/147.09    Fonthill           should read 147.90/147.30  
scratch VE3WCR

LO BAND SIMPLEX 146.62    should read 146.52  
HI BAND SIMPLEX 147.52    should read 147.42

146.07/146.67    Pickering           ONT    VE3IL    (new repeater)

BERNIE Sandbrook VE3ATI    Postal code (in roster) should be L0B 1C0

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### INTERFERENCE

There has been considerable interference to the operation of several of the area repeaters and VE3OSH has not been spared. There has been quite a bit of spade work done by a number of the hams in our club and at this moment the interference has dwindled. If you want to take part in your own way or get involved in a concerted effort, make up some sort of loop arrangement and, if possible, an attenuation pad of 20 to 40 db. loss. This type of gear works very well and when in close, the pad works wonders. We don't feel that the problems have been completely eliminated but we have localized the trouble several times and have been breathing down the back of one interfering mobile several times - probably within feet. Bruce VE3FBI has done a lot of work with loops and will no doubt be glad to fill you in if you need extra help. Ken, 3FPP has whipped up a quick loop based on the article in January '76 QST.



TREASURER'S REPORT

Surplus as reported end of 1975	\$127.01	
Additional 1975 registrations (rec'd in Jan)	<u>46.50</u>	
NET Cash and Bank Jan 1 1976		173.51
January Income and Expenses		
Registrations 1976	179.50	
Sale of Crests	8.00	
Raffle	<u>7.50</u>	
	195.00	
P.O. Box rental for 1976	<u>8.00</u>	
NET Income for January		<u>187.00</u> In bank
		354.85
Cash on Hand and in Bank Jan 31 1976		360.51 In Cash
		5.66

Approximately \$84 worth of crests on hand and considerable number of 1976 memberships yet to be received.

Steve 3CFG

Steve notes that we should be thankful that we have such good accommodation at Durham College for our meetings and that the St. John Ambulance unit who are still using the Airport building have had to pay the City several hundred dollars this last six months for rentals.

MORE BITS N DIECES

Vic, 3ANX may not be heard as much on the air these days until he gets used to his new Hammond organ which he got for Christmas. He says that Heath have recalled their new synthesized HW2026 because of spurious outputs. An Engineering Quick-fix was not possible so Heath agreed to repay shipping costs both ways, plus a \$50 certificate for those who have completed the kit, or a \$25 certificate for those who had started. An improved version might be ready late in 1976. Anyone who wishes to provide some copy for the bulletin needs to make sure it arrives at ATI's qth not later than the Monday preceding the week of the meeting- that is, 8 days before the meeting.

We received a nice letter from Bill, 3BRT, past-pres. of the Club and Bill wishes each and everyone a Happy New Year. He reports that the executive did a good job during 1975 considering that fact that we had three secretaries during the season. Ron, 3AIY took over from Mike, 3FIV, then Ed, 3CUI took over from Ron and has been re-elected. Bill was fresh and green also but soon got into the swing of things. Field day was a tremendous success, the club moved to Durham College and code and theory classes began at Eastdale Collegiate. We ended the season with a Wine & Cheese party (with impossible wx) and look forward to a good 1976. Thanks Bill!

We print the entire letter which has been sent to R.S.O. regarding Incentive Licensing.

THE NORTH SHORE RADIO CLUB,  
P.O. Box 171,  
Oshawa, Ontario  
27th January, 1976

THE RADIO SOCIETY OF ONTARIO,  
Box 334,  
Toronto 18, Ontario M8Z 5P7

Reference; Incentive Licensing Survey.

Gentlemen:

As Secretary of the American Radio Relay League affiliated NORTH SHORE RADIO CLUB, I am writing this letter on behalf of the 31 members who, during the course of a general membership meeting held on Tuesday 13th January 1976, expressed their sentiments regarding the proposal to introduce Incentive Licensing to Canadian Amateur Radio.

We immediately take objection to the format of the "reply form" as printed in "The Ontario Amateur" (Issue 5/75, page-18); the complexity of the R.S.O. proposal necessitates, in our opinion, a more detailed survey form (as opposed to the "do/do not" structure presented). Consequently, rather than submitting forms marked "with exception" by the members, the following data (ascertained by a show-of-hands) is hereby presented:

(A) - It was unanimous (100%) that the R.S.O. proposal (as printed in Issues 3 and 5/75 of "The Ontario Amateur") was unacceptable verbatim (or, "as is");

(B) - It was unanimous (100%) that the idea of a Canadian "Extra Class" Licence be dropped completely;

(C) - A total of 11 members (35%) agreed that the idea of a Novice License, as proposed by the R.S.O., was acceptable;

(D) - A total of 21 members (68%) were in favour of reducing the pass-mark of 100% on the present 10-words-per-minute Amateur code examination to some figure between 80% and 95% (proponents of this suggestion, not considered by the R.S.O., included in their ranks the 11 supporters of a Novice Licence), and

(E) - A total of 10 members (32%) favoured no change whatsoever to the Canadian Amateur Radio Regulations as they exist to-day.

Further comments regarding the results of our Club survey are in order at this time, for they may well illuminate the "whys and wherefores" as to how the members of the NORTH SHORE RADIO CLUB arrived at their decisions (these comments may, as well, reflect views held by other Clubs in Canada regarding this matter);

The implications of an "Extra Class" 20 w.p.m. code examination are perhaps greater than originally envisioned by the R.S.O.; on an International scale, United States Amateurs as never before would reign supreme in the bottom 25-Khz of each c.w. band portion---a large body of Canadians, who prefer casual c.w. exchanges (but not possibly at speeds of 20-words-per-minute-plus) would be forced to contend with the congested upper portions of the c.w. sub-bands. We are not all c.w. DX'ers (the major premise of the R.S.O. proposal for an "Extra Class") yet all of us do enjoy "QRM-free" conversations over the air, and the bottom 25-Khz of each c.w. sub-band often are a quiet oasis in a noisy and crowded Amateur world. No doubt a good analogy of this is the fracas which recently developed in

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Canada when United States Amateur operators gained additional frequencies for S.S.B operation in a segment of the 80-meter band which was once "exclusively" devoted to Canadian 'phone operators.

On a National level, the 20-w.p.m. speed requirement would doubtlessly be a great "mental" stumbling block to many would-be "Extra Class" Licence holders; how many Canadian Amateurs to-day, with code proficiency well in excess of the minimum requirements for the Advanced Amateur Certificate, "muff" the c.w. examination due to nervousness? Must additional trauma be injected into the Canadian licensing structure in the form of an "Extra Class"? We think not, and we fail to see why the devoted c.w. operator must be singled-out for such "punishment" as opposed to the proponent of S.S.B. (in the R.S.O. proposal).

This leads into the Club's argument for change in the existing system: fully 68% in the NORTH SHORE RADIO CLUB favour a "relaxation" of present rules to encourage the growth of Amateur Radio, but not for the reasons as outlined by the R.S.O.; fear of the growing numbers of General Radio Service operators, with their powerful industry-backed Lobby, is the prime motive in this direction.

No doubt the G.R.S. has usurped many would-be hams into its ranks, due to, again, the difficulty/trauma of learning the Code to the point that the potential "VE" call-sign holder is able to sit in unfamiliar surroundings before a Radio Inspector and attain 100% in a "make-it-or-break-it" examination. We ask, "What other examination in Canada, be it Academic or otherwise, demands a minimum pass-level of 100%?" To our knowledge, the answer is, "None." Thus, we favour a reduction in this minimum to one somewhere between 80% and 95%---more so than we favour the introduction of a Novice Licence (35%) with its implications of yet a greater bureaucracy within the Department of Communications, a lowering of the quality of the Canadian Amateur body, and a greater outside policing of a "self-regulated" licensed group,

These are the opinions of the NORTH SHORE RADIO CLUB, and we wish them to be included with those expressed by other Canadian Radio Amateurs in the face of the proposal by the Radio Society of Ontario. Trusting you will find them to be of use in arriving at a decision, I remain,

Respectfully yours

sig. Edward Peter Swynar  
VE3CUI

SECRETARY

THE NORTH SHORE RADIO  
CLUB