

" S P A R K S "

THE NORTH SHORE AMATEUR RADIO CLUB INC.

MAY EDITION 1980

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Club Repeater: VE3OSH

Club Station: VE3NSR

Thursday night net meets every Thursday evening at 7:30 PM on VE3OSH with Perce VE3AEX at net control.

Sunday morning net meet every Sunday morning on 28.200 MHz. at 10:00 AM with George VE3GOU at net control.

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* NOTICE OF THE NEXT MEETING *
*
* OF THE NORTH SHORE AMATEUR RADIO CLUB INC. *
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* DATE: MAY 13 1980 *
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* Place: O'NEILL COLLEGIATE *
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* TIME: 8:00 P.M. *
*
* AGENDA: OLD TIMERS' NIGHT. *
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NEWS:

- In our last bulletin we neglected to mention that the HIGHLITES OF THE CHANGES TO THE AMATEUR BANDS was supplied to us by George Wilson VE3GEW - Thanks George.
- There is one correction, however - according to a notice in the CRRL NEWSLETTER. The DOC now advises that the log-keeping requirements for mobile operation have not been deleted.
So... keep entering those mobile transmissions in your logbook as before. (Personally, I like to verify any rule changes in two or three different publications before I feel assured. - Ed.)
- CANOE THE NONQUON
We still need mobile operators (146.52 MHz.) for this Canoe-a-thon in Port Perry early morning on June 7, 1980. The information to be handled will show the start time and the position of any one canoe in this 20 mile course on a display board at Port Perry. With nearly 200 canoes (400 participants) entering this event, our presence helps to ensure that it is run safely and smoothly.

Glen VE3LIZ

- At our last meeting the following people received awards:

25 CLUB MEMBERS CONTACT AWARD

1 Bob Leet	VE3LLZ
2 Vic Naderer	VE3IHK
3 Eric Atkins	VE3HMG

FIRST CONTACT AWARD

1 John Pluister	VE3FGL
2 Vic Naderer	VE3IHK
3 Walter Wright	VE3DYE

WORK THE PRESIDENT AWARD

1 Art Walker	VE3RO (In Absentia)
2 Dave Swiderski	VE3LEW
3 Gunter Bohlken	VE3LHM
4 Walter Wright	VE3DYE
5 Bob Miller	VE3HMH

Hearty congratulations to all recipients.

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

Net activity continued at a satisfactory level during the month with the average attendance being 47.25, corresponding with last month, with a lot of news and traffic handled.

It was with regret and sadness that we learned that Doug Widgett, VE3CW became a Silent Key on April 18th., At Sunnybrook Hospital after a period of illness.

We welcome back those happy types who have been away on vacation or business including: Fred, VE3HE, and Buddy, VE3JPB, Lee VE3VF Lorne, VE3BJB, Norm, VE3ON, Steve, VE3CFG, and all others.

A reminder of the up-coming tour of the Pickering Nuclear Generating Station, again being arranged by Lorne, VE3BJB. Last year's tour was most interesting and despite an "Unprogrammed last minute change", very enjoyable. The Date? I'm glad you asked. It will be Sat. May 3rd at 09:30 Hrs. Any change in the time or date will be announced on the net.

When I visited Russ, VE3ATT, last Sunday he asked me to convey his warmest thanks to all of his many friends who have contacted him on two metres, sent cards, or paid visits while he has been in hospital. I am pleased to report that he is making progress in getting around, but it takes time.

And now a vote of thanks to Bob, VE3HNNH, and Murphy, for his/their work in putting on the C/W practice runs these many weeks. Bob, we'll miss you in that function, but I believe plans are under way to continue this feature. It has proven to be a helpful and popular program. To All--- Don't forget to let our Executive know your wishes in this regard.

And while we are on the "Thank You" kick, let us not forget the fine work of Harry, Rae, Bernie, and company, collectively in clearing-up the noise problem that plagued O S H recently. Sherlock Holmes, move over!

Dominion Store Tapes: Another reminder--keep them coming--I'll be at the next meeting and will be happy to receive all you have accumulated. I have just learned that inflation has hit the tape program. According to my source of information, Where \$375.00 IN tapes was required to earn \$1.00 in premiums, it now has gone up to \$475.00 Such is life. Congratulations to all who took the D.O.C. 'examinations recently. I have not heard sny results yet, but I do hope that all were succesful.

And in closing, the usual warm welcome to all to call in to the net whenever it is convenient. The more the merrier!

And a last minute reminder: DON'T FORGET THAT THE NEXT MEETING WILL

BE OLD TIMERS' NIGHT. BRING ALONG A REMINDER OF THE "GOOD OLD DAYS" PREFERABLY SOMETHING THAT YOU BUILT? That question-mark got in by accident, but many of our earlier pieces of equipment had problems, also. EARLY LOGS, FIRST COPIES OF HAND/BOOKS, ETC.

73 and 88, Perce, VE3AEX, Net Control.

CANADIAN NOVICE CERTIFICATE? A GOOD IDEA? WHAT DO YOU THINK?

Should we follow the example of at least thirteen other countries including Norway, Australia and the United States in having available in Canada a Novice type of licence, with restricted privileges, but which would provide valuable "on the air" experience? It would be the first step in progressing to the higher grades of amateur certificates.

It has been suggested that we should be moving in this direction. Why not talk it over with our ham friends or have a discussion at your local club? Then, let us have your comments. If there is sufficient interest and support, we will proceed accordingly. It's up to you! Write to Tom Atkins, VE3CDM, 55 Havenbrook Boulevard, Willowdale, Ontario M2J 1A7.

EXPANDED 20 METER PHONE PRIVILEGES FOR OUR AMERICAN FRIENDS?

At the January Board of Directors meeting in Newington, Connecticut, a proposal was made to expand the U.S. 20 meter phone band. U.S. Advanced amateurs would be able to work down to 14175KHz and Extra Class amateurs to 14150 KHz. Canadian Director Mich Powell protested on behalf of Canadian amateurs and was able to have the matter referred to committee for study. Now it's up to you. If You feel strongly about this proposed change, say so on a QSL card and mail it to ARRL Vice-Director Fred Towner. Ask your friends here and abroad to do the same. If the ARRL Board of Directors can be shown that there is strong feeling against the proposal, from both Canadian and foreign amateurs, the proposal will likely be dropped. Cards go to Fred Towner, VE6XX, 123 Rundleridge Close, N.E. Calgary, Alberta T1Y 2L2.

The above two items were taken from the April CRRL Newsletter.

Lake Simcoe Ham Fest - A new Hamfest will be held on the 13th, 14th, and 15th of June 1980 at Molsons' Park in Barrie, Ont. Further information will be sent out on registration or upon request. Please mail all correspondence to P.O. Box 2283 - Orillia, Ont. L3V 6S1

WANTED: Rotor with brake, Ham 3 or similar.
Call Jack VE3VH at 655-4505

A schematic diagram for an Icom VTVM model 232
Amphenol plugs # 26-4100 16P. # 26-4100 8P
Call Charlie VE3IBO at 668-7481

I.C. CORNER

Well, here it is at last !!! I must apologize for not getting this page out earlier but my source of photo-copying went west. (actually south-west ! Hi Hi)

So, here we go with another FUN circuit ! ... BIG DEAL ! ... Well ? ?

Below is the circuit of a windshield wiper delay circuit centred around the OL' 555 I.C. (Yeh, that chip again !)
I thought this would be a good time for this circuit since everyone is annoyed by that darn light drizzle you get this time of year. It is a nifty (nice word - thanks) little circuit which has been working perfectly in my car since October '79. IT IS VERY SIMPLE ! The circuit is not mine, maybe only the application is. It is taken from one of my college texts (Operational Amplifiers and Linear Integrated Circuits). The two formulae (form-Huh ? - the thing you stick numbers into to get other numbers - OH!) are shown below if you want to use them to select your own on and off times. A chart of some values is already worked out for you (aren't I nice ?). I found that 1 second on, 10 seconds off worked out just great. One thing that must be known before you can start is whether or not your wipers are automatic. By this I mean they must be of the type which go over and come back even though you turn them on - then off very quickly. This is difficult to explain but most of the later model cars have this type of wiper system. Anyway, if your wipers are not of this type, the circuit will still work but some fiddling must be done with the timing.

See me at one of the meetings and I'll try and help you out. So start building, NO EXCUSES ! The relay should be rated at about 12 volts D.C. or so just as long as it closes around 12 volts.

" The diode is a difficult one to find, so I'll forget this circuit ! "

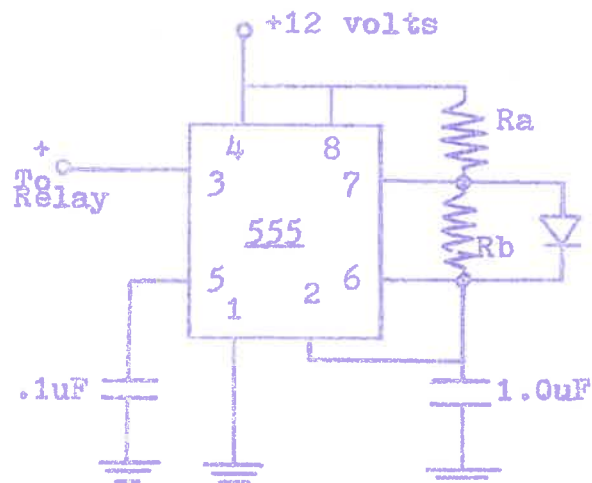
NO WAY !!! - Sorry, you don't get off that easy !

The diode is any small diode. There are many around - computer surplus, I've got lots of them in case you get stuck SO GET GOING on this one !!!

Look, it's better than giving from \$50.00 to \$300.00 to the dealer to have the delay as an option on your car !

By the way, my total cost including junkbox relay \$ 0.80 .
Pretty expensive Huh ?

Well, that's it ! Good Luck ! 73, VE3EPY



(and of course - just wait till next month)

Time on : $R_a = (\text{in megohms}) = \frac{\text{Time(secs)}}{0.695}$

Time off : $R_b = (\text{in megohms}) = \frac{\text{Time(secs)}}{0.695}$

On time	Ra	Off time	Rb
1 sec	1.4M	10 sec	14.4M
2 sec	2.9M	15 sec	21.6M
3 sec	4.3M	20 sec	28.8M
4 sec	5.8M	25 sec	36.1M

Note : obtain nearest values.

