

" S P A R K S "

THE NORTH SHORE AMATEUR RADIO CLUB INC.

JUNE 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 meets 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. \*  
\* DATE: JUNE 10 1980 \*  
\* PLACE: O'NEILL COLLEGIATE \*  
\* TIME: 8:00 PM \*  
\* AGENDA: FIELD DAY PREPARATION \*  
\* \* \* \* \*

NEWS:

- As has been the custom, there will be no edition of SPARKS during vacation time (July and August).
- We're sure everyone is aware by now that Field Day this year is from noon Saturday, June 28, to noon Sunday, June 29. Watch for instructions on what to bring (equipment, food etc.) and how to get there, at the next meeting.
- Since there will be no Bulletin, this is a reminder that the July meeting will again be on the second Tuesday at the repeater site.
- A warm welcome and congratulations to the new hams from Jack VE3SJ's class; Grace Reader VE3MCO received her ticket on May 15, Judy Skinner VE3MLY received hers on May 29. Judy is the XYL of Mike VE3FIV. Wilfred Hambly VE3MBO who joined our club early this spring was also a class-mate of theirs. Jack informs us that so far 100% of the ladies from his class have received their tickets and that a few more of the old-men-to-be are getting close.
- Lake Simcoe Ham Fest June 13, 14, 15 - Admission \$5.00. Free admission for those under 18 if accompanied by an adult. Talk in on; LSR 146.25/85 Simplex 146.52 3790 kHz
- Ontario Hamfest '80 July 4, 5, 6, Milton Fairgrounds, Milton, Ont. Talk in on; 147.81/21 Simplex 146.52  
Low registration fee - advanced registration \$2.00
- A new Daytime Eastern Canada Net (ECN) has been instituted on a two month trial basis to supplement the Evening Eastern Canada Net, and expedite the flow of formal traffic into, out of and within the Ontario, Quebec and Maritime-Newfoundland Sections. The new net meets weekdays at 2000 UTC, 7170kHz, both phone and CW, and on weekends at the same time, 7040 kHz, CW only.
- Special prefixes XJ5 and CZ6 may be used by amateur stations in Saskatchewan and Alberta to commemorate the seventy-fifth anniversary of the formation of their provinces and subsequent entry into Confederation. The prefixes may be used from 1980 July 1 until 1980 September 30.
- The regulation portion of the 1980 June 18 amateur examinations will still be based on regulations in effect before 1980 February 28. The first amateur examinations with questions based on the new amended regulations will be held on 1980 October 18.
- For the last three items above, thanks to the CRRL Newsletter.

FROM THE SQUIRE OF BROOKLIN:.....

It is a pleasure to report that net attendance is holding up very well, despite the many other activities demanding attention--gardening, grass-cutting, hockey-finals, first trips to the cottage, etc. The average attendance for May was 47.4 showing a sustained interest in the net.

Your net-controller was operating "one wing low" on Thursday, May 15th, and it was necessary to beg off. John VE3FGL kindly took over, and from all reports did a super job. Thank you, John.

We have Russ VE3ATT now in the Oshawa General Hospital, and making favourable headway, also, and the result of an industrial accident, Paul VE3LHZ is in the same hospital and we believe making out nicely. Visits and/or get-well cards would be greatly appreciated.

Congratulations from the net to all who were successful in the recent D.O.C. examinations, and our sympathy to those who were not so fortunate. Keep trying! Remember Robert Bruce And The Spider! The only one that I know of who made it is Grace Reader who is now VE3MCO. Very fine business, Grace.

Bernie, VE3ATI, has varied the C/W procedure--He now is telling the story of the early days of Camp "X", and as this unfolds interest will grow. You may find yourself swotting-up C/W just to learn what went on there!

Last report from a local source (Norm, VE3ON?) was that Commodore Lee, VE3VF, had cleared the Welland Canal and was on Lake Erie. Very good Lee.

And again our sincere thanks to Lorne, VE3BJB, for arranging the second tour of the PICKERING GENERATING STATION. We were accorded a cordial welcome, and given a most interesting and informative tour, with talks, illustrated by films, before and after the walking-tour.

And a word to our Maritime Mobile types--We would be interested to hear of your M/M news. As a group your numbers are growing, and we all are hams.

And now we are looking forward to the annual get-together at the repeater site, where we expect a banner turn-out. We will look forward to seeing you all there.

In conclusion--A warm welcome to all to check-in with news, greetings, appeals for assistance, etc., and sincere thanks to all who help in any way to make the net a continuing success.

73 and 88, Perce, VE3AEX, Net Control.

## FROM THE EDITOR

As this is a time when I could use six pairs of hands, what with the gardening season upon us, and having only just returned from our holidays in Germany, this bulletin will be rather short (again).

We had a magnificent holiday, filled with fun and good humor. Miraculously one sunny day followed another, a rare occurrence for Northern Germany. Naturally when we returned we were faced with many things left undone during our three weeks absence.

I had hoped the mail would have a few items for the bulletin besides the monthly article from Perce AEX and the technical section from Gary EPY. As editor I get to read some of the other amateur clubs' newsletters and I find that there are always a few bulletins where the editor is making an appeal to the membership for more input, so I guess our case is not unusual. There has been no response to date for short articles entitled MY MOST ENJOYABLE QSO for example. Remember, the club is offering an award for the best one.

Writing short articles is not all that hard to do, my only lament is that I have little time in which to do it. HI, HI. And then of course it's a bit of a paradox; I mean a fellow is usually moved to write something when he wants to get something off his chest. Well Hams usually get everything off their chest by talking on the radio and of course that's the way it should be, lest we all take to writing long-winded articles to fill up our bulletin instead of communicating by radio.

73's Gunter LHM

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### FOR SALE:

HT - 144B 4 Channel Walkie-Talkie, max 5 watts out, Two Meters, tuned at 2 watts output. Xtals for OSH, old RPT, 52/52 and MOT. With nicads and charger.

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Motorola Handie-talkie, 2 channel with VHF Engineering TX Board. 2 watts output with nicads. Xtals for OSH and 52/52, Make an offer.  
Call Gary VE3EPY at 723-9915

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Crystal QRP Transmitter - 40 meter CW - 1 watt output.  
with schematic diagram - \$25.00  
Call Gunter VE3LHM at 263-2180

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

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I.C. CORNER

Wells, although it by its intended design.  
This looks like a rather FB circuit.  
We don't turn the page until you have read this.

The circuit shown below was given to me by Eric, VEJMG. If you  
already is closely and compare it to the code oscillator circuit  
in the February edition of SPARK, you'll see that it is a fine  
variant. The only difference is one two wires which are leading  
away from the circuit. What are they for? Well, this circuit  
can be used to detect water! Yes, it can! HOW? I don't know.  
Well, honestly I have a rough idea. The circuit operates as an  
oscillator continuously and when one two probes are shorted, a  
tone is heard on the speaker. This is really neat! Thankyou.  
Now, how are the probes going to be shorted? Well, when water  
comes into contact with the probes it forms a conductive circuit  
thereby shorting them together. Oh wow! Eric made a suggestion  
as to using this as a rain detector by using a small piece of tin  
screen for each probe. Positioning these pieces of screen parallel  
to each other and spaced about a water drop thickness apart, should  
be sufficient enough to let you know a drop of rain has fallen - or  
at least a drop of something has fallen if you have lots of birds  
around. Hi-hi. So what's it? Have a bit of fun with it and if  
it use it operates off any 9 volt source. (ie. 9 volt battery  
Neat, Neat, Neat! An on-off switch could be used if desired since  
the circuit operates continuously. But then of course you would  
have to remember to turn it on or you won't detect the purpose of  
the emergency notification of rain. Anyway play around with it  
and see what happens. Next month, I will show the circuit to  
take this into a "beeping" alarm. So, just you wait!!!!

For VEJMG



