

" S P A R K S "

THE NORTH SHORE AMATEUR RADIO CLUB INC.

DECEMBER EDITION 1980

EXECUTIVE AND OFFICERS:

President	Don Cole	VE3HYW	985-8197
Directors	Cy Hamilton	VE3LET	263-8157
	Gord MacDuff	VE3AMQ	263-8386
	John Pluister	VE3FGL	655-4269
	Steve Wotten	VE3CFG	725-4197
Treasurer	Hank Verwoerd	VE3FHV	686-1382
Secretary	Gord MacDuff	VE3AMQ	263-8386
Registrar	John Pluister	VE3FGL	655-4269
Get Well Cards	Ted Brant	VE3ADD	668-3561
Editor	Gunter Bohlken	VE3LHM	263-2180
Assistant Editor	Mac McFarlane	VE3IKG	723-8484
Technical Editor	Gary Heagle	VE3EPY	723-9915

Club Repeater: VE3OSH  
Club Station: VE3NSR

Thursday night net meets every Thursday evening at 7:30 PM  
on VE3OSH with Roy VE3AAF 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. \*  
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\* DATE: DECEMBER 10 \*  
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\* PLACE: CANADIAN LEGION \*  
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\* TIME: 8:00 PM \*  
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\* AGENDA: WINE AND CHEESE PARTY \*  
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With last month's meeting having been moved to the Executive Room of the Canadian Legion on 471 Simcoe St., most of you are familiar with the address for the Wine and Cheese party on December 10th. It is also election night so try to make it and vote for your choice of Directors.

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I'm probably the last one to hear about it, not being able to attend any of the meetings lately because of shift work, but just in case you missed it too--Gord, VE3AMQ received the 1980 Tent Managers award at the last meeting, and he tells me that he wants to share the award with Ed VE3CUI, Phil VE3DQK, and Albrecht VE3HAB. Congratulations on a job well done!

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The new repeater at Lake Temagami is on 146.31 MHz. in and 146.91 MHz out. It is sponsored by LTARG.

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If you are a CW enthusiast and have a continuous coverage receiver, here is a source of some fresh copy: At0300 UTC Radio station WCC, in Chattam, Massachusetts, runs off about an hour of news in flawless CW at 20 wpm. Frequencies are 4331, 6376, 8586, 8630 and 12955 Khz. No commercials and nice practice for upgrading--what more could you ask for? --Thomas Leary, WØVTP, Omaha, Nebraska (as quoted in QST).

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I think we all enjoy contacts with rare and exotic countries. A couple of months back I heard an American station working one of those rare ones on 14.235 MHz with only a light pile-up. So I prepared to pounce on him the moment the American station was clear. The QSO stretched a bit and I had time to glance at the list of call prefixes I keep handy. It was a TA, that meant Turkey...Turkey?! I whipped out the latest issue of TCA and looked up the banned countries list. Sure enough, Turkey was still a forbidden country.

Later I got to thinking that we are not familiar with the banned countries because we never think of them in terms of their call prefixes as we do with other countries. So I prepared a list in prefix order that you can hang on the wall or keep in a drawer near your operating place.

While I was at it, I added a list of countries in call sign prefix order with whom we have third party traffic agreements.

### BANNED COUNTRIES LIST

TA \_ \_ \_ Turkey  
 YI \_ \_ \_ Iraq  
 XU \_ \_ \_ Khmer Republic\*  
 X5V \_ \_ \_ Viet Nam  
 5A \_ \_ \_ Libya  
 60 \_ \_ \_ Somalia  
 70A - 70Z Peoples Republic of Yemen\*\*

\* Station XU1AA has been authorized to exchange communications with Amateurs of other countries.

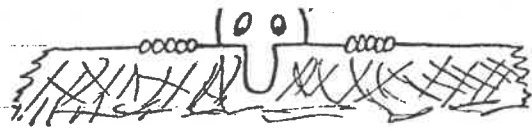
\*\* As we understand it, 4W \_ \_ \_ Yemen has not been banned.

### THIRD PARTY TRAFFIC AGREEMENTS

A,K,N,W	U.S.A. (Territories and Possessions)	TI	Costa Rica
CE	Chile	XE, XF	Mexico
CP	Bolivia	YN	Nicaragua
CX	Uruguay	YS	El Salvador
HI	Dominican Republic	YV	Venezuela
HK	Columbia	4X, 4Z	Israel
HR	Honduras	6Y	Jamaica
OA	Peru	8R	Guyana
TG	Guatemala	9Y	Trinidad/Tobago



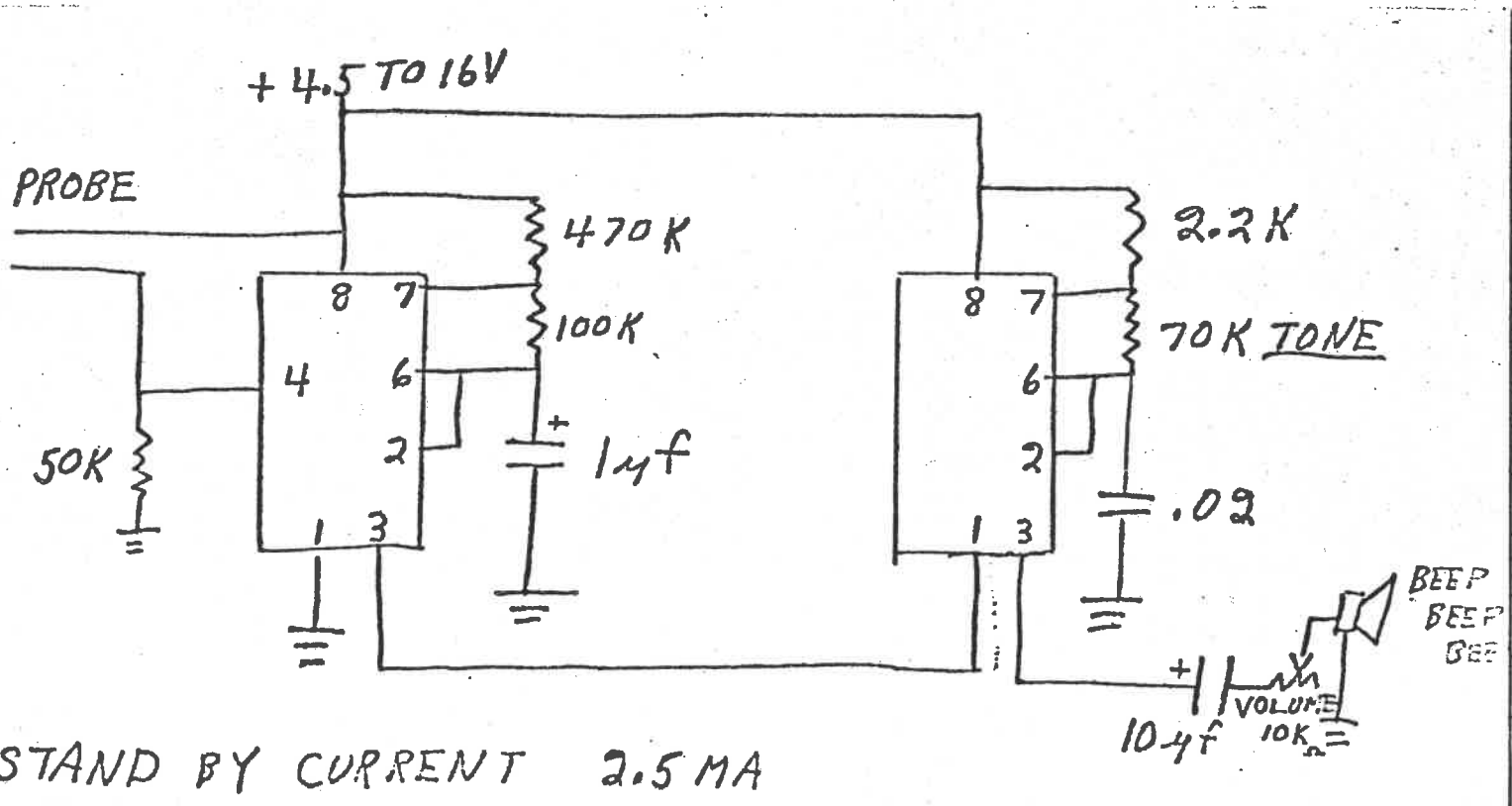
# I. C. CORNER



WELL, AT LAST I HAVE TO RESORT TO HANDWRITING THIS SECTION AS I AM 30 MILES AWAY FROM MY TYPEWRITER IF YOU KNOW ~~WHO~~ WHAT I MEAN. ANYWAY, I FINALLY UNPACKED SOME OF MY JUNK, I MEAN INFORMATION, TO GIVE YOU THE CIRCUIT TO MAKE THE RAIN DETECTOR, FROM JUNE'S ISSUE OF SPARKS, "BEEP"!

BOTH CIRCUITS ARE SHOWN BELOW, PHOTOCOPIED DIRECTLY FROM A PAGE ERIC (VE3HMG) GAVE ME. (THANKS ERIC!). OBTAIN THE NEAREST RESISTOR VALUES AS YOU CAN AND, OF COURSE, A 9-VOLT BATTERY AND AWAY YOU GO! REMEMBER, YOU NEED TWO 555 IC'S FOR THIS CIRCUIT. I'M IN A BIT OF A RUSH THIS MONTH (STILL MORE TO UNPACK AND ANTENNAE TO RAISE!) SO GOOD LUCK AND AS USUAL... JUST WAIT 'TILL NEXT MONTH!...

73, *Gary*  
VE3EPY





## MY, MY, TIME DOES FLY

Doesn't seem that long ago when I went to Bernie VE3ATI to pick up the mimeograph machine. Everything was very impressive and perhaps that's why it is still fresh in my usually short memory. Bernie had shown me how to operate the Gestener and together with the information and instructions from Glen VE3AEQ, our last editor, I felt as prepared to take on the editor's job as I would ever feel.

Bernie also took the time to show me his shack. My interest in computers and teletype had been steadily increasing and before Bernie's I'd had only one computer demonstrated to me. It was very intriguing to say the least.

Bob, VE3KZO came by with his keyer under his arm. Since Bernie had the same kind of keyer, they had gotten together to see why Bob's didn't work right. I had half an hour to spare so I hung around and watched them home in on the problem.

"You can be the recorder," Bernie said to me. "Record all the measurements we take."

"OK," I said.

"So, you're going to be our new editor," said Bob.

"I'll give it a try, anyway," I said, "but I've never done that kind of work before. Don't know how difficult it will be collecting news items with me on shift work and everything."

"If you can't get enough news items you can always write about this," he said, pointing to the work in progress. "Make Bernie famous." (He was only joking of course, and I can just picture Bob reading this).

"I'm not going to be famous," Bernie said. He was quite engrossed in tracing the printed circuit and comparing it to a neat hand-drawn schematic diagram that Bob had brought with him. Bernie was measuring resistances and explaining why the reading we took was different from the given value of the resistor. He traced wires and painstakingly checked a hundred possibilities. All the tubes had been checked and were found to be good. More items were checked off and recorded. The trouble shooting went on. Then it dawned on me that Bernie had to struggle step by step just like us common folk. Somehow I had expected him to gaze at the circuit for a few minutes, point to a defective component and say, "There, replace that and your troubles are over."

I had to leave at this point, but I talked to Bob a few weeks later on OSH and he told me that they had solved the problem and had the keyer working.

Well, that was at the beginning of the year, and now the year has gone through its cycle. I feel I have grown with each issue of SPARKS and I'm grateful for the encouragement and help along the way. For now the pressures of shift work, family and personal needs force me to give up the editor's job. Here's hoping that some day in the not-too-distant future I can be your editor again.

I had hoped that the editor's desk would be manned by now, but so far no one has surfaced. But since this is the last issue I wish the new editor the best of luck.

And to all of you the very best for the coming holiday season.

73's Gunter VE3LHM

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FOR SALE: Six meter transverter - FTV 650 \$175.00  
With manual and cables.  
Call Vic VE3LNX at 983-5831.

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Yeasu FT 101E Transceiver with desk mike and hand mike,  
Watt dummy load. \$800.00  
Bill Wallace 723-6159

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Courier Gladiator 23 chan. SSB CB with power supply.  
Cost \$500.00 when new - asking \$250.00 or best offer.  
Call Brian Lofstrom at 576-3972.

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Datong model FL1 Frequency-Agile Audio Filter  
New price \$180.00 wanted \$125.00  
Call Bill VE3KZL at 263-2969.

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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.  
\*\*\*  
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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A Johnson Viking Ranger I transmitter - 160 through  
10 meters, CW - AM, with antenna relay.  
Call Gunter VE3LHM at 263-2180.

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Heathkit SB 300 - SB 400, 3.5-30 Mhz plus speaker and  
manuals. Can be hooked up for transceive.  
Call Al VE3LUS at 725-5620.  
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