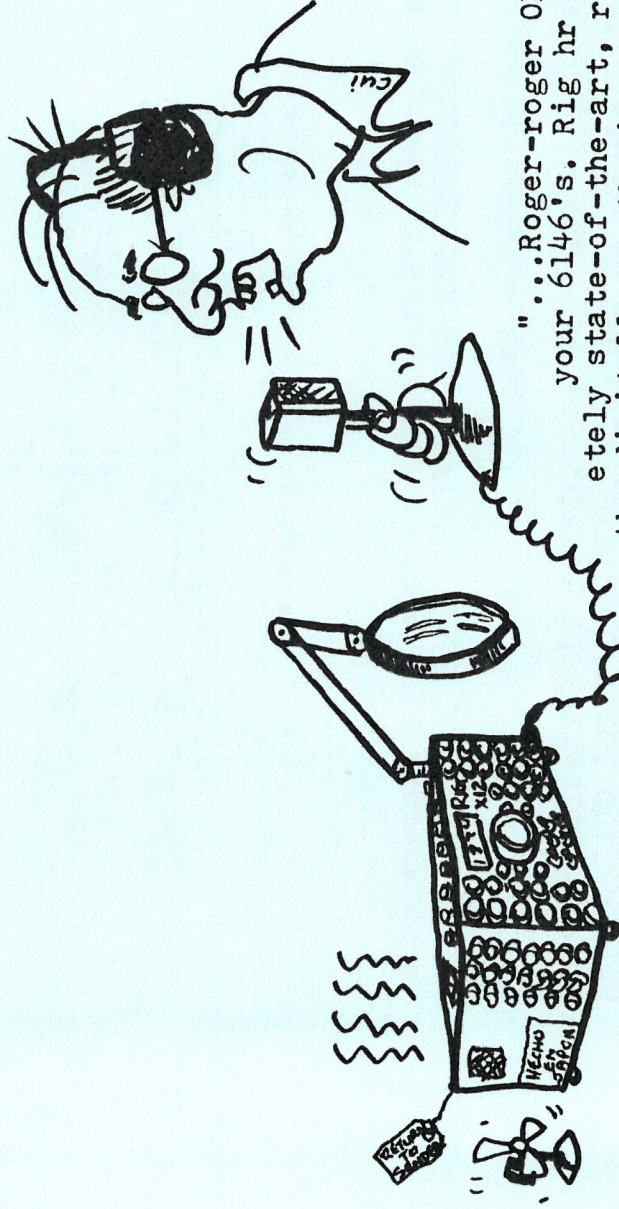


FROM: NORTH SHORE AMATEUR
RADIO CLUB, Inc.
P.O. Box 171
OSHAWA, Ontario L1H 7L1

XXX
XXX
XXX

OCT 1983

TO: JESCRK
RADIO DAY



"...Roger-roger OM, FB on your 6146's. Rig hr is completely state-of-the-art, right from the digitally synthesized triple-gate liquid crystal displayed vfo's to the pre-stamped & pre-addressed shipping carton in case sumpin' breaks down..."



SPARKS



The Official Organ of
THE NORTH SHORE AMATEUR RADIO CLUB, INCORPORATED.

OFFICERS & EXECUTIVE:

<u>PRESIDENT</u>	DOUG SMITH.....	VE3MKC.....	786-2086
<u>VICE-PRESIDENT</u>	RALPH DAY.....	VE3CRK.....	576-8738
<u>TREASURER</u>	MAC McFARLANE...	VE3XI.....	723-8484
<u>SECRETARY</u>	COLIN BELL.....	VE3CEU.....	723-7842
<u>REGISTRAR</u>	JOHN PLUISTER...	VE3FGL.....	655-4269
<u>EXECUTIVE ASSISTANT</u> ...	DON DEWEY.....	VE3GEN.....	668-0577
<u>GET-WELL-CARDS</u>	TED BRANT.....	VE3ADD.....	668-3561
<u>EDITOR</u>	EDDY SWYNAR.....	VE3CUI.....	723-4326

--OCTOBER 1983--

CLUB STATION.....VE3NSR

CLUB REPEATER.....VE3OSH 147.72-MHz IN,
147.12-MHz OUT.

CLUB NETS....."2-METERS NET" each THURSDAY via VE3OSH
at 1930-local, Net Control VE3AAF;

..."10-METERS RAG CHEW S.S.B. NET" each
SUNDAY at 1000-local, 28.200-MHz
(+ Beacon QRM), Net Control ???

..."BARGAIN BASEMENT NET" each MONDAY via
VE3OSH at 1930-local, Net Control
VE3XI.

LAST MEETING ...

The gang was entertained by a video-tape feature of a recent AMSAT launching. Tnx Don (GEN).

NEXT MEETING ...11th October 1983...

Monthly Club meetings are held at 2000-local, on the 2ND-TUESDAY of every month, in the cafeteria of O'NEILL COLLEGIATE, Simcoe Street North, OSHAWA (note that there are no Club meetings or Bulletins during the months of JULY and AUGUST).*

Goodies-time!!! Our annual auction, with Mac (XI) wielding the gavel. Bring stuff in, take dough home. Details inside.

*MAC WILL BE IN HOSPITAL AT THIS TIME! (VOLUNTEER REQUIRED)

HAPPENINGS...

Many tnx to T.J. Heard, host to 44 of the gang during the recent corn roast...

Congrats to 'CRK, 'DYE, 'LLZ & 'NTI for having helped make the "Durham Horseback Riding for the Handicapped" the success it was, by providing an invaluable communications service...

Wanted: volunteers to man the rigs on the occasion of "The Great Pine Race" (23rd October at Bewdley, Ont.), sponsored by The Oshawa Competition Motorcycle Club. Interested? Contact Ralph (CRK)...

A note re. October's Auction Night meeting: keep in mind, as in last year, the fact that 10% of the sale price of your wares goes to the Club coffers. So come on out, make some money, & support N.S.A.R.C. at the same time...

Election Night for the 1984 Executive will be held during the November meeting, but the chair is receptive now for nominations. Let your intentions be known. Stand up, be counted, & name your best man to win...

December's meeting will be, of course, our annual Wine & Cheese Party (don't forget to bring the XYLS/OMs!), and, the Club's Awards Night. Know of anyone who deserves to be nominated as Ham of the Year? If so, Bernie (ATI) wants to hear from you...

Our own venerable John (FGL) is officially stepping-down from the Registrar's chair after 14 years' of stalwart service. His replacement is Keth (GDF). Thanks, Keith, for volunteering your help, & a big thanks to John for the FB job you've done these many years...


Bill (NTI) advises that the net directories & traffic training manuals passed around at the last meeting came courtesy of S.C.M. Larry (GT). Note that in the training manuals page 5's of "slow" & "advanced" have been transposed. Also note the following change: page 5. QNC # 9 "GBN" delete and insert "OSN-3667 KHz...

Paul (LHZ) & friends take note: Don (HYW) has literally "gone West" & now signs as VE6CNZ, 923 Whitehill Way N.E., Calgary, Alberta T1Y 3G1 (ph. 403 280-4117)...

Also hear through the grapevine that Muriel (LQH) now resides in British Columbia. Any QSL on this from anyone?...

Congratulations John (FGL) on finally working 1000 "PA" stations. "Dutch" Pluister accomplished this feat within 3 years, #1000 being worked on 28th July. Now I know why John quit the Exec: he's working on the 2000 award (less than 950 to go) & making preps to QSY to PA-land next Summer to pick-up his award...

Speaking of congratulations....congrats to myself (CUI) on getting the highest score for Ontario (maybe even Canada) on 40-meter CW and SSB, during the most recent ARRL DX 'Test (Note: this is CUI's alterego speaking---check into the Oct. issue of "QST" & make note of the fact that Eddy was the sole VE3 entrant in both categories. Big, fat, hairy deal!).

73

CUI

VE3IATopics 2

Last time I introduced a few fairly random but deeply felt principles to be borne in mind when designing antenna systems. Let's take these a little further before getting down to the nitty gritty of some practical antenna designs for the real world. My view of the universe is as personal as yours and it is easier to seek forgiveness than permission---as Confucious would have undoubtedly said had he been alive and living amongst us today. If you disagree then write it down and send it in.

Can you have too many antennas?: As hams we are a pretty lethargic bunch most of the time and deeply steeped in inertia! Think of field day and how many antennas can go up so fast. When our local NZ club was embroiled in one field day the cry went up that 40m just was not cutting it at 7a.m. Sunday and within 45 minutes a team of 6 had another 4 antennas in the line and the QSO rate had jumped right back up again. The day I discovered we were leaving our lovely cliff-top location at Maraetai Beach in NZ for points 1/4 mile inland I threw together a full-sized vertical with 32 radials for 80m and added another 50 radials the next day---all for 30 days of operation. Look what DXpeditions do (or should do!) in such brief periods of time! How long since you awed and amazed the XYL with a new addition to the backyard birdsnest!!

Every antenna has its day: At Guelph I had 5 different 80m antennas; a dipole at 65 ft, a delta loop at 100 ft, a full sloper dipole from 100 ft, a vertical, and a beverage that ranged in length from 1500 to 2500 ft depending on how Murphy the farmer out back considered the chances of his cows getting tangled in it. Very briefly the dipole was often best before sunset, the delta loop usually took over after sunset---often most dramatically---and was typically quietest. The vertical was noisy as blazes but got out well on transmit although it lacked a decent ground system and kept falling over. The beverage was often spectacularly good on receive but by no means always and did not transmit worth a darn. The full sloper stayed on the coax switch for a full month without paying the rent until a magical 30 minute period from 3 a.m. one sweet morning when the noise level on it was for some unaccountable reason 6 S units less than on any of the other antennas and it was the only one of the 5 to give me the chance to work distant Johnston Island in the deep Pacific!! Why?? I guess the radiation angle finally favoured it.

Take your time evaluating a new antenna: See above. How an antenna functions is affected by a great array of often unpredictable factors. The most important of these (assuming the antenna is working properly) is the angle of arrival/departure of radiation at your location. This varies with: the sunspot activity and state of the ionosphere, the time of year or season, the time of day, the size of your ear lobes, and other even more obscure factors.

Testing DX antennas: Down under if we ever wanted a really good giggle we went listening up around 14225 to all the boys with the new beams running checks with each other over a 500 mile range or so. Now there is a lot to be said for TWO GOATS ON THE BAND AND WHO'S GOT THE STRONGEST HEAD type testing but the local performance of an antenna tells little or nothing about it's DX performance and that takes time to decide.

73's,

Tony

In order to receive the monthly bulletin without interruption, the CLUB MEMBERSHIP must be renewed annually by 31st January. Membership dues will be accepted by MAIL ONLY ; please make cheques payable to THE NORTH SHORE AMATEUR RADIO CLUB Inc. Full membership is \$15.00*, Associate membership, second family members, and student membership are \$6.00. Please mail to: KEITH WYARD-SCOTT, VE3GDF, 298 DOVER STREET, OSHAWA, ONTARIO L1G 6G6. Attention: N.S.A.R.C.

THE NORTH SHORE AMATEUR RADIO CLUB INC.

NAME.....

CALL.....

ADDRESS.....

POSTAL CODE.....

TELEPHONE NUMBER.....

*NOTE: Prospective Full members who submit their remittance such that dues are received on or before 1st January 1984 by the Registrar, are subject to an annual fee of \$13.00 only. Applications after 1st January 1984 are subject to the full \$15.00.

