

" S P A R K S "

THE NORTH SHORE AMATEUR RADIO CLUB INC.

Dec. 1981 EDITION

EXECUTIVE & OFFICERS:

President	VE3HYW	Don Cole	985-8197
Directors	VE3LLE	Bob Elston	725-5124
	VE3AEQ	Glen Flintoff	725-6408
	VE3FGL	John Pluister	655-4269
	VE3AIY	Ron Wragg	723-4925
Treasurer	VE3AEQ	Glen Flintoff	725-6408
Secretary	VE3AIY	Ron Wragg	723-4925
Registrar	VE3FGL	John Pluister	655-4269
Get-Well Cards	VE3ADD	Ted Brant	668-3561
Editor	VE3IKG	Mac McFarlane	723-8484

+ + + + + + + + + + + + + + + +

Club Repeater: VE3OSH 147.72 In.
147.12 Out.

Club Station: VE3NSR.

NETS:- The 2 Meter Net meets every Thursday on the club repeater at 19:30 local, with Roy VE3AAF at net control.

The 10 Meter Net meets sundays at 10:00 local, on 28.200 Mhz. *(+ or - beacon QRM).

* * * * *

N E X T M E E T I N G

Will be the annual "Wine & Cheese" party. The party will be held in the V.I.P. room of the Royal Canadian Legion, Branch 43, Oshawa, at 20:00. The executive requests that if you own name/callsign lapel tag, please wear same. For those that don't have one there will be name tags at the door.

This meeting is also the "ELECTION OF OFFICERS". Do not, repeat, DO NOT miss this one.

T H I S N' T H A T

Firstly, this desk is looking for a literate, diligent, long-suffering, loyal, adaptable, thankless, and mild-mannered, or anyone who enjoys doing a service for his fellow members. We are, needless to say, looking for a "Bulletin Editor". I am going to hang up my typewriter. I have done my time. The production of this little newsletter has been honed to a true science. The person (or persons) who takes over will be well coached and given any help required to make the presses roll.

So, on election night please stand and be counted on. It has been a genuine pleasure doing the bulletin. There are however, other things that I would like to try and would hesitate to take on more than one job at a time. At the wine and cheese party if anyone is interested please approach me and I would be very pleased to put in a nomination for you. Keep in mind that a joint editorship makes for a bigger and better bulletin. let's hear from you. Mac VE3IKG.

For those new members and perhaps some of the old ones as well, "OSH", our fine machine north of the city, is not self sufficient. Therefore any contributions to the upkeep of same would be greatly appreciated. Please forward your contributions to the treasurer and they will be earmarked for this purpose.

REMEMBER- "WINE & CHEESE PARTY", Wed. 9th December, 1981, at he Oshawa Legion's V.I.P. Room, (same place as the last few years).

After careful investigation, there does not appear to be any "Ham" flea markets or auctions held over the winter months, and those that are held in the good weather and either north or west of metro Toronto. That's a pity. There appears to be a large following for this kind of activity. Food for thought: why isn't there a flea market held this side of metro Toronto. There are plenty successful elsewhere why not from Scarborough east? Give it some thought.

This desk has just received word our treasurer Glen, VE3AEQ is in O.G.H. We do not have any details and can only wish him well. Let's hope by the time you are reading this all will be okay.

Ed.

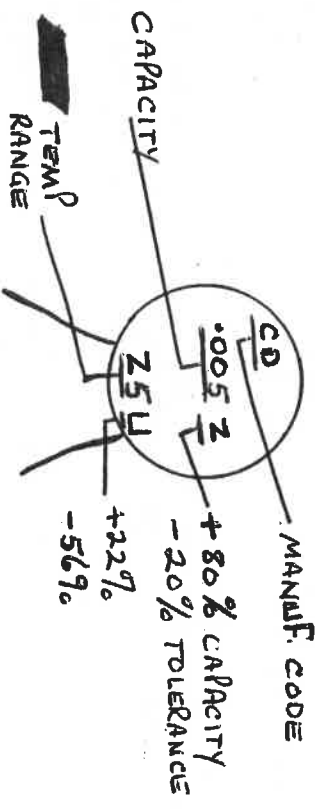
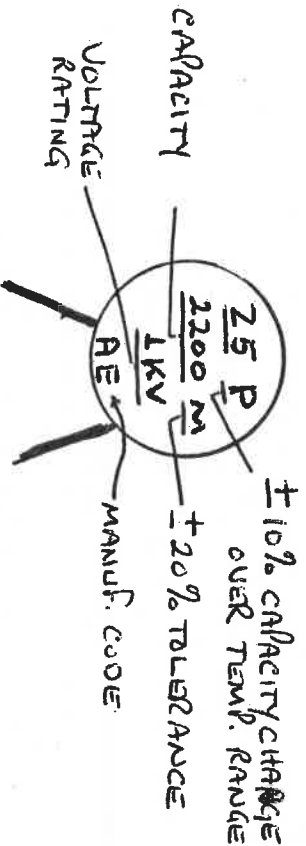
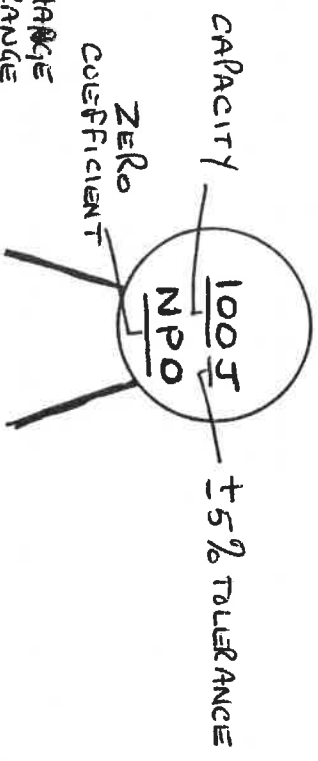
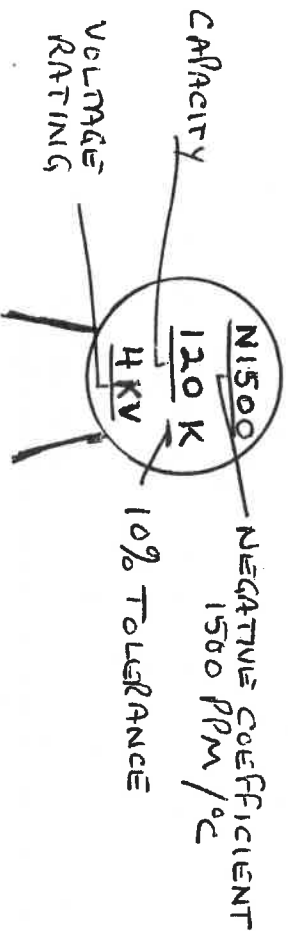
*RALPH
DID YOU FIND
ADD. FOR ACOS KEYS?
MAC*

TECH. TOPICS: I've been around electronics since before 807's, but I have difficulty remembering what all those little numbers and letters mean on "disc" capacitors. Below is a poorly drawn but accurate in content illustration which can be posted on your work-room wall until imbedded in your memory.

Temp. Range -55 to +125 = W5
 -55 to + 85 = X5
 -30 to + 85 = Y5
 +10 to + 85 = Z5

Capacitance Change over
 Specified Temp. Range.

| | |
|----------|-----|
| ± 3.3% | D |
| 4.7 | E |
| 7.5 | F |
| 10 | P |
| 22 | R |
| +22/-33% | S |
| +22/-56% | T |
| +22/-82% | U/V |



| Tolerances | |
|------------|---|
| ±1% | F |
| 2% | G |
| 3% | H |
| 5% | J |
| 10% | K |
| 20% | M |
| +100% - 0% | P |
| + 80% -20% | Z |

Follows a brief explanation: NPO - Negative-Positive-Zero; does not change with temperature change. Used mostly in timing circuits. N150 to N750 - Caps within this negative temp. range are generally used in tuned circuits to compensate for the positive coefficient of the coil and other components. N1500 to N4700 - Generally used in bypass circuits where characteristics such as "Z5U are not good enough. High voltage types frequently have this temp. coefficient range. Positive Coefficient types are used to compensate for a tube or transistor which has a negative temp. coefficient.

Note: The rate of change of capacity is stated in Parts per million per degree centigrade change (PPM/C

SELL - SWAP - BUY

WANTED: Sharp (cw) xtal filter, audio filter, or "Q" multiplier, to be used with Heat Comanche.

Contact Bernard Ferris 668-6177.

+ + + + +
WANTED: Single drawer. legal size filing cabinet.

Call Mac VE3IKG, 723-8484.

+ + + + +
FOR SALE: Yaesu 207R, c/w DC and AC charger, batteries etc. \$450.00.
Motorola HT220's (2). 2 and 4 channel, \$250.00.

CONTACT Phil 655-4069.

+ + + + +
WANTED: Teletype machines. Any type or model. Set your price and call Phil at

655-4069.

+ + + + +
FOR SALE: Dummy Load. Quart size, will handle 200W. Filled with special oil. \$18.00, 2 for \$30.00. Also have limited quantity of the special oil if anyone needs.

Mac VE3IKG 723-8484.

+ + + + +
WANTED: SSB transceiver or Linear amp. Will trade 1966 VW, exc. engine and transmission.

Call Tom VE3MEZ or Merry VE3LEF 579-4480.

+ + + + +
Wanted: External VFO Heath SB644 or equiv. for SB-102.

Mac VE3IKG, 723-8484.

+ + + + +
FOR SALE: 11Meter 5/8 vertical, \$15.00. 2 pieces of RG8U, 50ft. each. @ .40 per ft.

Call Dave VE3LEW, 985-3553.

+ + + + +
WANTED: External VFO, tuning 6 to 8Mhz.

Call Moe VE3KWI 705-277-2984.

+ + + + +
WANTED: Any one who knows the source of the three circuit boards for the "Accu-keyer. I have most of the parts but would like to use professional quality boards.

Mac VE3IKG, 723-8484.

+ + + + +
WANTED: Roller inductor, power requirements will depend on actual size, (it's to go in an existing tuner). With or without turns counter.

Call Mac VE3IKG at 723-8484(home)
725-1101(work)

+ + + + +
FOR SALE: TRI-Band transceiver. Excellent first rig. Eico 753. 100 watts out all bands, 80, 40, and 20M. This one does not drift. Make an offer to

Jack VE3IML, 725-9464.

+ + + + +

DO NOT FORGET Fill out the application for membership,else-
where in this bulletin.

Ed.