

## Branch Committees Tak Komitee

(vervolg van bladsy 4)

O.K. Roelf Kloppers, ZS6ATK is herkies as tak-ouditeur vir die volgende jaar.

Op die jongste jaarvergadering van die Wes-Transvaalse Tak gehou op die 22ste Julie, is die volgende lede verkies om op die komitee te dien vir die jaar 1978/1979:

Ondervoorsitter: Jan Krause

ZS6BHO

Ondervoorsitter: Gert Schempers

ZS6AOE

Sekretaris : Gordon Stewart

ZS6BKH

Lede :

Sias Van Deventer

ZR6HC

Gene Marais

ZS6LE

Reiné Hund

ZS6ARH

Issy Kotzen

ZS6JK

Walter Pretorius

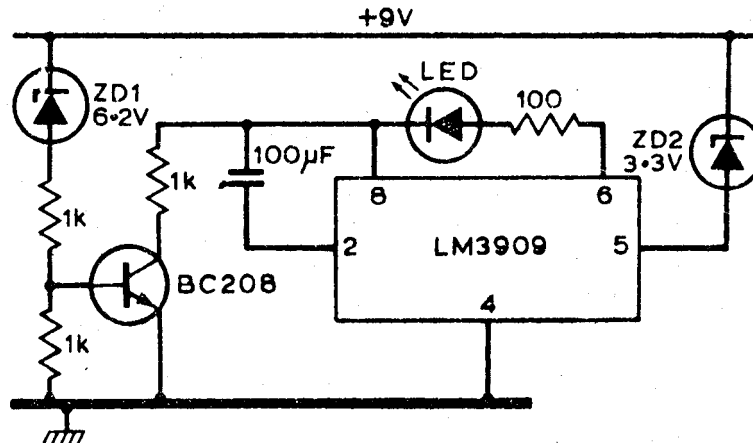
ZS6AAP

Ons wens die bogenoemde lede geluk met hul verkiesing en wens hulle sukses toe met die moeilike werk van tak bestuur. Terselfdetyd bedank ons die uittredende komiteelede vir hulle dienste aan die Tak, die Liga en Amateurradio.

## Dual-purpose Battery Indicator

In a recent *Break-in*, T.M. Empson, ZL3TKI, notes that the conventional on-off pilot light on battery operated equipment tends to be expensive in current drain and provides little or no indication of the state of the battery. To overcome both deficiencies, he uses a led with a low duty cycle at a strobing rate that is normally concealed by persistence of vision and with current drain only about 10 per cent of normal. However, when battery voltage falls below a preset value the strobe rate drops sharply and the led flashes noticeably.

The led is driven by the LM3909 ic and the strobing rate is altered by the collector resistor of the BC208 transistor. The ZD1 zener diode is selected to provide 1V less than the required threshold voltage (eg for a threshold of 7,2V).



Combined panel light and battery indicator circuit using low duty cycle to reduce battery drain, and with noticeable flashing when voltage drops below a pre-determined figure.

Acknowledgements to RADIO COMMUNICATION May 1978.

## General Rules for S.A.R.L. VHF/UHF Contests

by S.A.R.L. Contest Committee\*

- Open to all members of the South African Radio League. Listener section for non transmitting members only.
- All authorised amateur bands 144 MHz and above may be used with any permitted mode of modulation.
- Logs must indicate at the start: operators name, callsign, exact QTH, date, S.A.R.L. Branch and points claimed. For each contact transmitting members must log: Time, callsign of station worked, serial and signal report sent, serial and signal report received, QTH received, FREQUENCY used (not just the band), points claimed. Listener member must log: Time, station heard, serial given, station being worked, band and points claimed. Serial numbers must commence 001. Separate log sheets must be used for different frequency bands.
- All contacts must be made from the same QTH as indicated at the top of the log.
- Only one scoring contact may be made with a given station on each band, except in the case of more than one licensed operator permanently residing at the same QTH, in which case each operator may count as a separate contact.
- Time of contests:-  
14h00 S.A.S.T. Saturday to 14h00 S.A.S.T. Sunday on dates to be promulgated.
- Points will be awarded on the basis of 1 point per 10 km or part thereof.  
Points multiplier will apply as follows:-  
x1 for 2 metre contacts  
x6 for 70 centimetre contacts  
x10 for 23 centimetre and above
- Repeater, EME, Oscar and crossband contacts are not permitted.
- Multiple operators are permitted but for logging purposes only one callsign must be used and entrants may not engage in more than one QSO simultaneously. The log should indicate the callsigns of all participating operators in addition to the information required in para. 1 of rule 3.
- Check logs from non-entrants are not mandatory but would be appreciated. The Contest Committee will verify, on a random basis contacts for which a check log is not received. contacts which are disapproved may lead to disqualification.
- All entrants must operate according to the conditions of their license. Failure to comply with any of these regulations may lead to disqualification.
- Judging of results will rest with the Contest Committee, whose decisions will be final. No correspondence will be entered into concerning the results of the contests.
- The contest will be divided into the following sections:-  
1. Home Station.  
2. Portable Station.  
3. Listeners.
- Certificates will be awarded to:-  
1. 1st in each section overall.  
2. 1st, 2nd and 3rd, in each section in each division.
- Entries to be postmarked not later than 15 days after completion of the contest and sent to the S.A.R.L. Contest Committee, P.O. Box 5100, Cape Town 8000.

\* P.O. Box 5100, Cape Town 8000.