

Zululand Amateur Radio Club News

The newsletter for the discerning Ham

July 2016

ZARC Committee

Chairman: Warren Snyders ZS5WOZ

Vice Chairman: Gerald Scrooby ZS5GS

Treasurer: Willie Axford ZS5WI

Secretary: Dawn Snyders ZS5ME

Ham Net: Mike Kramer ZS5MB

Editor: Jo Snyders ZS5PO

Member: Vacant

Webmaster: Chantel Pelsler

Club Repeaters

Ntumeni 145.675 MHz

Empangeni 145.700

Club Packet Digipeater/Mail-drop & APRS Digipeater

Ntumeni 144.625 (ZS5ZLB Mail, ZS5ZLB-2 Digipeat, ZS5ZLB-7 KA-Node) PBBS: ZS5AND

Club Nets

There is also a club discussion net on Tuesday evenings at 18:30 on the 145.675 repeater
ZS5PO & ZS6AE Have A Sched On Thursdays Between 17:30 and 18:45
On 7.175 Or 3.645 Depending on propagation
ALL are more than welcome to join us for a "rag chew"

SARL News

08h30 - Sundays - 145.650, 7.066 MHz

NEXT ZARC MEETING

DATE: 27th November 2016 (**Sunday**) This will also be the club Christmas lunch

TIME: Meeting at ± 12:00, followed by the lunch at ± 12:30

QTH: Adams Outpost

E-Mail: dawnjo@telkomsa.net (Secretary)

Club Web site: <http://zs5zlb.org.za/>

Editor, Q.R.L.



Greetings & Salutations fellow members, I trust that this news letter finds you all in good health. The date of the next club meeting **will** be on the **27th of November 2016**. This will also be the club Christmas lunch The venue will be **Adams Outpost**. The meeting will take place at **± 12:00**, and the lunch at around **12:30**. Please make a note in your day books and diaries. The time for the meeting will be at **12:00**, giving everybody a chance to get there after Sunday morning commitments.

**Have you bought insurance to continue enjoying your hobby yet? SARL membership IS that insurance!!!
Is your hobby worth R1.26 per day to you? YES?! Then join the SARL, it's the RIGHT thing to do!!!**

The radical opinions, and rantings of the Editor, are not necessarily the opinions of, or supported by, the ZARC Committee, or it's members.

Wots Potting In The ZARC

Birthday Greetings Go To:



July: Dawn, ZS5ME on 12th . John,ZS5J on 20th . Rod, ZL1RK, on 31st .

Aug: Anne, ZS5FAB, on 2nd . Melissa, Daughter of ZS5WOZ, on 17th . Bridget, daughter of ZS5PO & ZS5ME on 20th .

Sept: Ian, partner of Chris, ZS6IR, on 12th . Chris, ZS6IR, on 17th .

Many happy returns to all of you, and may you be spared for many more happy, healthy, years.
(If your birthday wishes do not appear here, it is because you have not informed me of your birth date).

Get Well Soon



Our secretary, Dawn ZS5ME, spent a few days in hospital, but is now back at home, but still not 100%. We wish her a speedy recovery

Club Happenings

Club AGM

This took place at Tattenham Resort on Sunday 25th July. Gerald ZS5GS was the first to arrive, followed by Jo ZS5PO & Dawn ZS5ME at around 10:30, followed by Willie ZS5WI, with Warren ZS5WOZ close behind. The braai fire was lit, and we sat around rag-chewing for a while, and when it became obvious that nobody else was going to turn up, it was decided to get on with the meeting, while waiting for the charcoal to burn down. Half an hour later, the meeting was done & dusted, and the coals were ready for the braai to commence, and by 13:30, or there about, we were on our way home again!! If it were not for all the proxies, I don't think we would EVER have any meetings, due to the lack of a quorum being reached.



Chairman Warren ZS5WOZ



Vice-Chairman Gerald ZS5GS



Treasurer Willie ZS5WI



Secretary Dawn ZS5ME



Competitions

On the 7th April, Dawn, ZS5ME, took part in the 1st leg of the SARL 80Mtr QSO party, and this resulted in her achieving 10th position.

On the 3rd July, Dawn ZS5ME & Jo ZS5PO represented the club in the “ZS5 Sprint”, scored 42 points, resulting in 9th position .



It is once again nearly THAT time of year again. Are there any club members who are interested in taking part in this event, taking place on **August 13-14**

The number of registrations in the **International Lighthouse and Lightship Weekend (ILLW)** reached 506, with 32 countries represented. Activity for the August 13-14 event was higher this year from the major seafaring nations of Australia, England, and Germany, adding to growth from Bulgaria, Canada, Cuba, France, Portugal and Scotland, ILLW organizers reported. That was down from 2014, however, when there were 544 entrants for the operating event.

Packet

On the packet Mail-Drop scene. The TNC is beaconing out. The coax on this set-up still has to be renewed, and the antenna moved to the east side of the tower

APRS

Your path to any stations in RSA, (or anywhere in the world via the I-Gate on 144.625) will be **ZS5ZLB-2, RELAY4-4**. The I-Gate should be available between the hours of about **09:00** and **22:00**, WHEN I AM AT HOME. People in the Richards Bay/Empangeni area can get into the PMB I-Gate on 144.800.

For those of you Zululanders who have Internet, go and look on the www.aprs.fi web site, and type your call sign into the slot at the top of the column on the right, and press search, and see if your station appears on the map.

Repeaters

145.675: This repeater was replaced after the Xmas meeting & lunch, and the old Storno is working well.

145.700: This repeater is now a DEAD puppy, and needs LOTS of TLC. **STILL waiting for ESKOM to open up for us to get into this site.**

“SWAP SHOP”



If you have any items you want to get rid of, or if you are looking for something, Please let the Editor know and he will advertise it in the swap column for you.

1 X **Neutec SM-1645** 16 channel 2Mtr VHF radio for sale.
Service, user and reprogramming instruction manuals available.

Reason for selling: Surplus to requirements
Please contact Gerald, ZS5GS on: **071-143 5433**



NB This picture of the radio was found on the internet, and is NOT a picture taken of the actual radio that is for sale

Home Brewers Hoekie

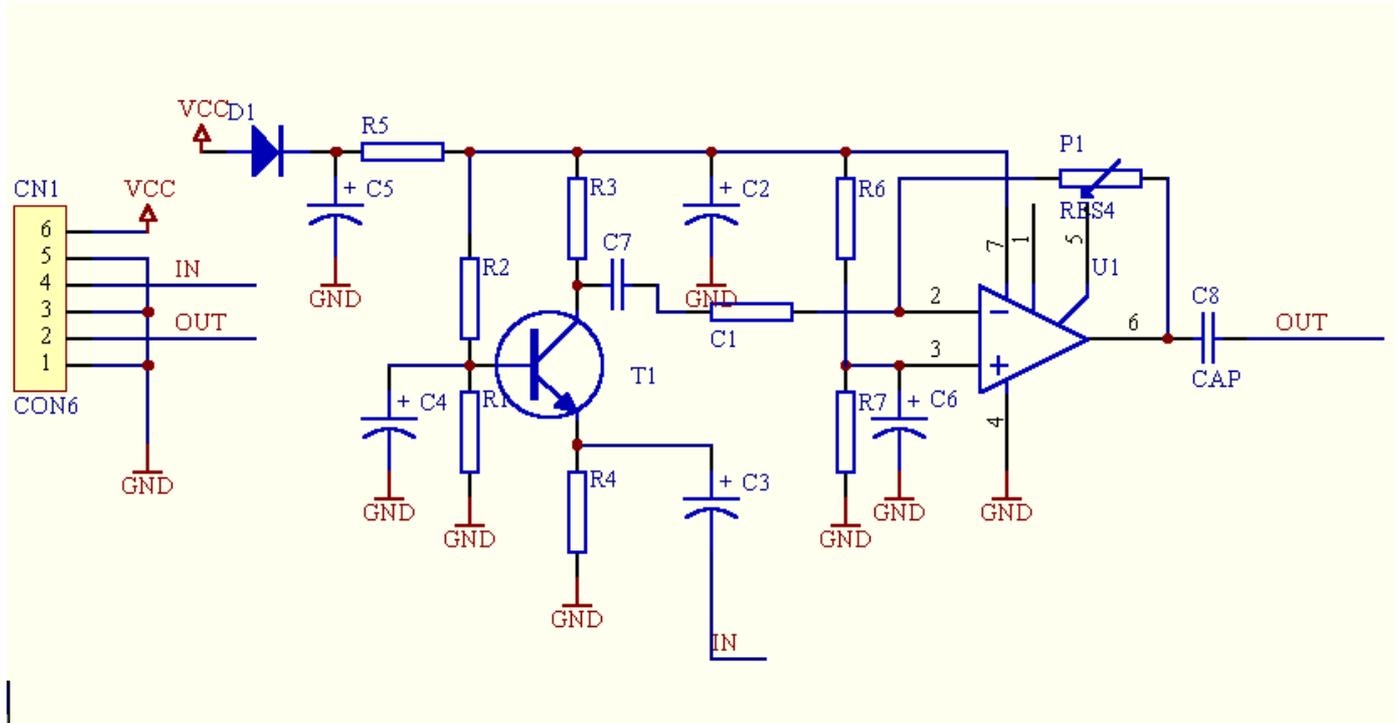


Low impedance microphone amplifier

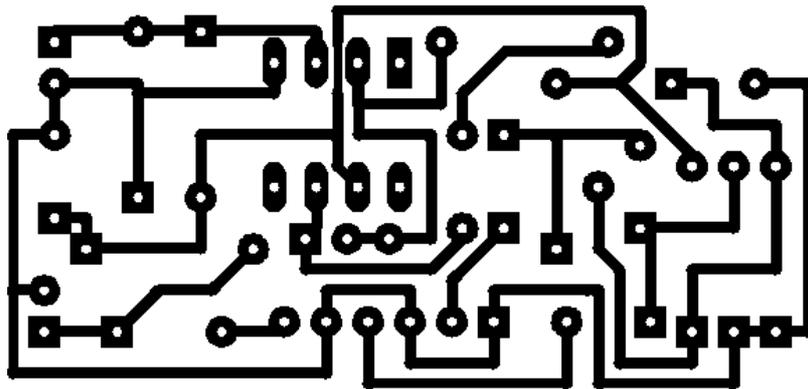
description

The circuit is a microphone amplifier for use with low impedance (~200 ohm) microphones. It will work with stabilized voltages between 9-30VDC. If you don't build the impedance adapter part with T1, you get a mic amp for higher impedance microphones. In this case, you should directly connect the signal to C7.

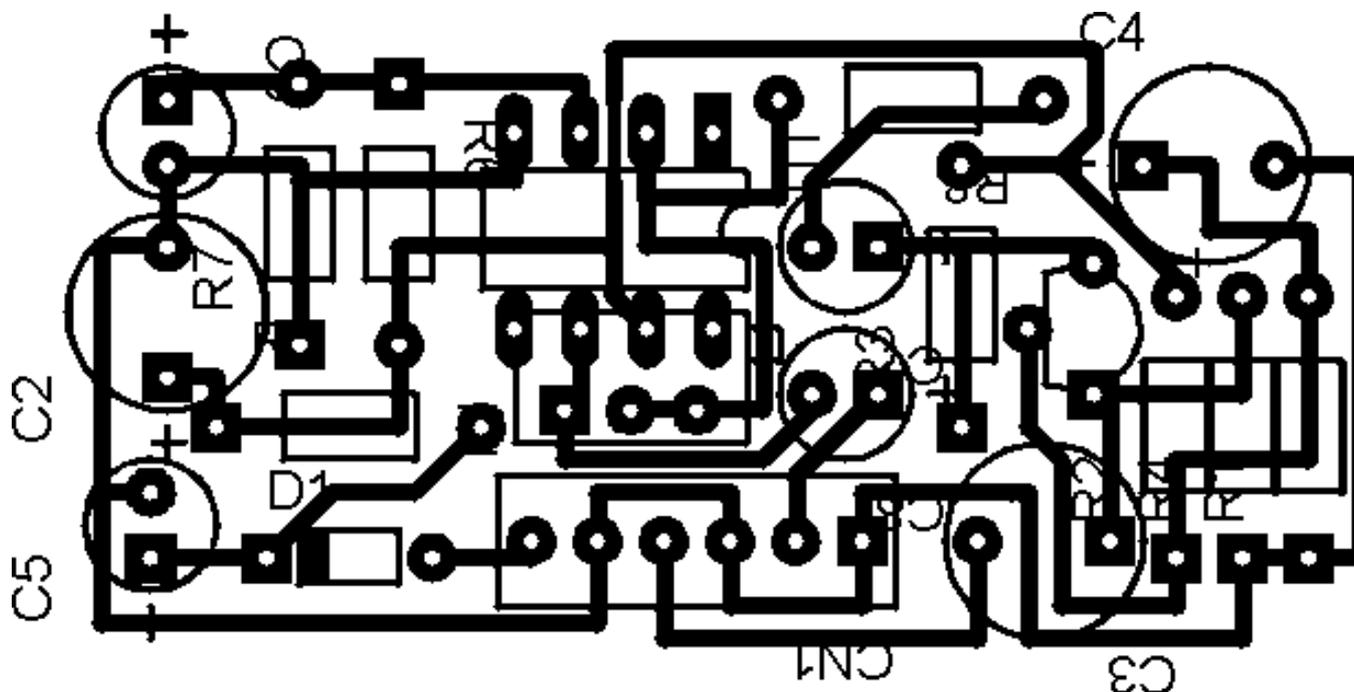
Schematic diagram



printed PCB



Layout of board



components

| Name | Value |
|------|-------|
| R1 | 15k |
| R2 | 150k |
| R3 | 2k2 |
| R4 | 820 |
| R5 | 680 |
| R6 | 10k |
| R7 | 10k |
| P1 | 1M |

| Name | Value |
|------|--------------|
| C1 | 3k9 |
| C2 | 100μ |
| C3 | 22μ |
| C4 | 4μ7 |
| C5 | 470μ |
| C6 | 10μ |
| C7 | 100n |
| C8 | 47μ UNIPOLAR |

| Name | Value |
|------|--------|
| U1 | TL081 |
| D1 | 1N4148 |
| T1 | BC109 |
| CN1 | SIL6 |

If you would like to contribute to your Club newsletter, or to contact me for any reason, please use the address / Phone numbers below.

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