

# Zululand Amateur Radio Club News

The newsletter for the discerning Ham

October 2018

ZARC Committee

Chairman: Warren Snyders ZS5WOZ

Vice Chairman: Gerald Scrooby ZS5GS

Treasurer: Willie Axford ZS5WI

Secretary: Dawn Snyders ZS5ME

Editor: Jo Snyders ZS5PO

Webmaster: Chantel Pelser

-

---

Club Repeaters

Ntumeni 145.675 MHz

Empangeni 145.700 ( Off-line.)

Nets

SARL News

08h30 - Sundays - 145.650, 7.066 MHz

---

NEXT ZARC MEETING

DATE: **11 November (Sunday)**

TIME: 11:00 (Meals may be ordered after the meeting)

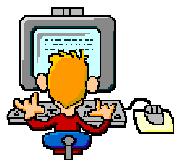
QTH: Eagles Nest Eshowe 28°53'28.44"S - 31°28'23.66"E

---

E-Mail: [dawnjo@telkomsa.net](mailto: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 get-together/meeting will be 11<sup>th</sup> November. Venue will be Eagles Nest in Eshowe 28°53'28.44"S - 31°28'23.66"E  
Please make a note in your day books and diaries.

**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:



**Oktober :** Willie ZS5WI, on 2<sup>nd</sup> . Kiana, daughter of John ZS5J, on the 31<sup>st</sup> .  
**December:** Belinda, SW of Warren, ZS5WOZ, on 17<sup>th</sup> .

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



Dawn ZS5ME, is in ICU in Stanger. I have not heard of anyone else who has been "Doctor Bothering" of late.

## Club Membership

The AGM took place during, July, and subs were due by the 1<sup>st</sup> of July. We normally give members 2 months grace to either pay their subs, OR, to contact the Treasurer to make arrangements regarding payments.  
Below is an excerpt from the club constitution.

**All members fees shall be due and payable at the beginning of each financial year, which shall be from 1 July to 30 June annually.**

**• A member shall be deemed to have resigned from the Club if, by 31st August, the subscription has not been paid, unless he/she has indicated a willingness to pay the full amount by a set date, as arranged with, and agreed upon, by the treasurer.**

If you no longer receive your ZARC monthly news letter, or any other e-mails from ZARC, it can be assumed that you have not paid your subs, and the 2 months grace has expired, and you are no longer a member of the ZARC.  
PLEASE contact our Treasurer at [zs5wi@telkomsa.net](mailto:zs5wi@telkomsa.net) to sort it out.

## APRS

People in the Richards Bay/Empangeni area can get into the PMB I-Gate on 144.800.

## Repeaters

**145.675:** This repeater has a problem with the RX antenna, and the antenna needs to be replaced. As we do not have any more members who are fit & able to climb up the tower to do this job, it will have to stay like this until we can find a volunteer who can climb the tower.

**145.700:** This repeater is now a DEAD puppy, and needs to be recovered from this site. **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.**

# Home Brewers Hoekie

Due to the length of this project, it will be serialised over 5 news letters



Part № 2 of 5

## Simple Radio PTT To Computer Interface Circuits

SSTV, Packet, PSK31, RTTY, CW, EchoLink, eQSO etc.

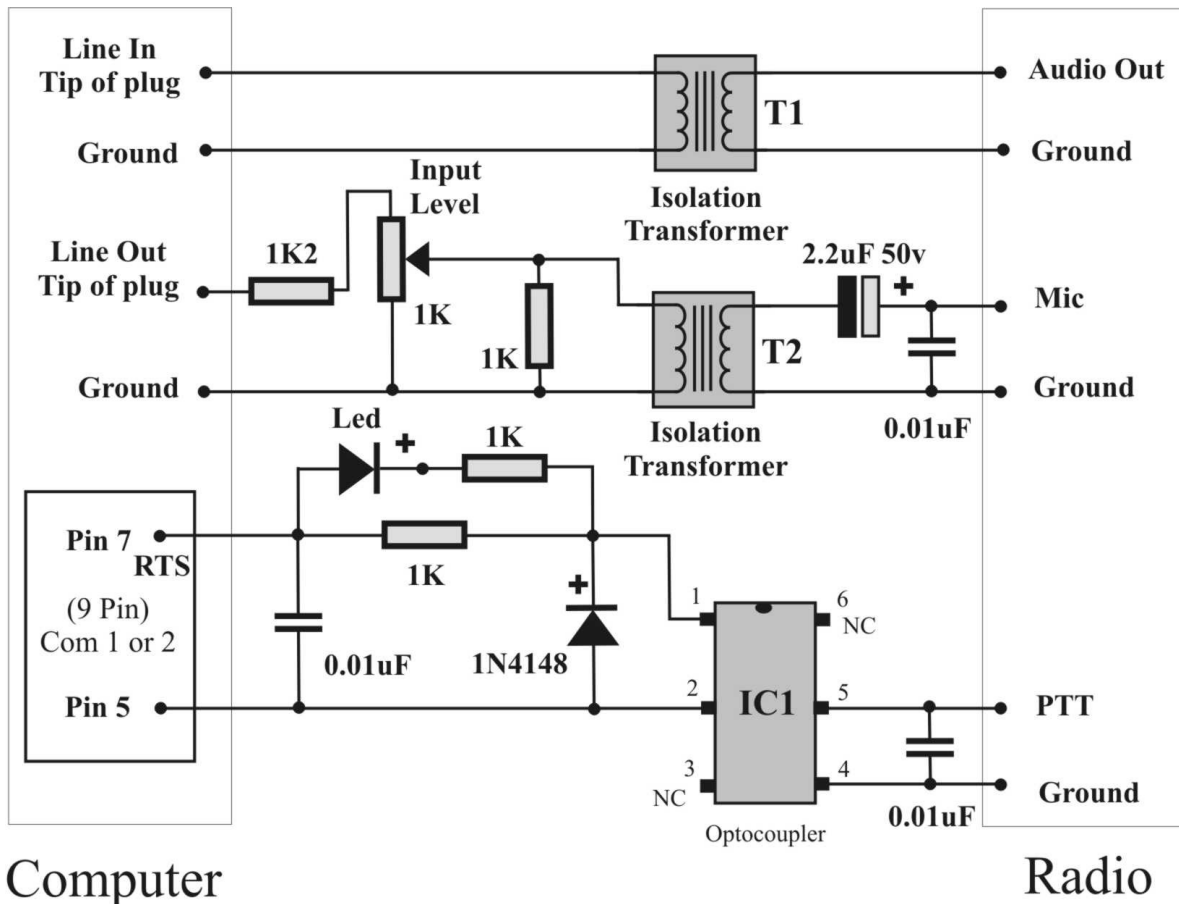
By Peter EI4JR / G4KQU

VR1 is a 1K linear potentiometer used to control the amount of audio going to the mic and is adjusted for correct audio drive to the radio, usually converting line (0.5v) to mic (10mV) levels. The 1.2k resistor (from the Line Out) can be changed to a greater value if you are troubled by the pot always being at the bottom or top of the range or alternately by adjusting computers audio out slider till the correct level is achieved.

Operationally, audio levels are adjusted by the computer level controls or are incorporated in the software you will be using.

The LED (high sensitivity type) is used as an indicator when the interface is in the transmit mode.

It is suggested that the finished interface is put in a metal box and that the grounding is taken from the radio side of the circuit.



Circuit 1

### Components for Circuit 1

3 x 1k ¼ watt resistors - 1 x 1.2k ¼ watt resistors

1 x 1k Potentiometer lin – 1 x 2.2uF 50v capacitor - 3 x 0.01uF capacitors

2 x (T1 & T2) 600 ohm transformers type 9000 RS Number 208-822

1 x IC1 optocoupler 4N25 RS Number 597-289

1 x Red LED (High sensitivity type) - 1 x Diode 1N4148 - 2 x 3.5mm Stereo plugs

1 x 9 Pin D plug ( Com port 1 or 2) & cover

Screened cable - Project Box

Visit [Mode Components](#) for your kit or parts

## End of Part № 2 of 5

---

### On The Dry Side



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

Jo Snyders ZS5PO  
PO Box 98  
Mandini 4490

Telephone 032-456 2301

Mobile (Cell) 083-666 0709

Email [jodawn@telkomsa.net](mailto:jodawn@telkomsa.net)

