



# SHACKNEWS

## HIGHVELD AMATEUR RADIO CLUB

### JANUARY 2011

### COMMUNICATION IS THE NAME OF THE GAME

**Meeting** A reasonable turn out of members attend the first meeting of the new year. Also we were back in the old meeting venue which is far better than what we had before. Discussed was the QSL systems available to amateurs in SA. Another discussion has resulted in a practical demonstration of open wire feeders as well as a folded dipole antenna using the product found in an advert on the last page of this news letter. We had decided to hold the demo on the 15 April 2011 at the QTH of Rex, ZS6REX. This date clashes with the SARL AGM. It possibly will be held in May so watch this space. A new server has been found to host the club website, <http://www.zs6hvb.za.net> as well as a new email address [zs6hvb@zs6hvb.za.net](mailto:zs6hvb@zs6hvb.za.net)

**SSC Meeting** The get together will be held at the home of Berridge and Sandra on the 19 March 2011.

---oooOOOooo---

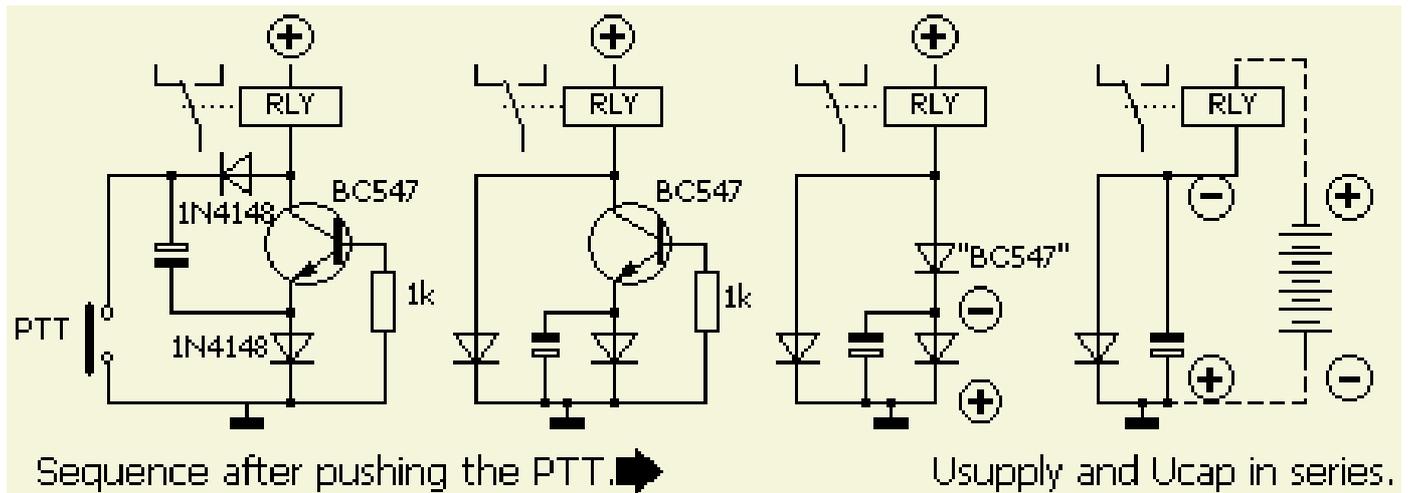
Outside Bristol Zoo is the car park, with spaces for 150 cars and 8 coaches. It has been manned 6 days a week for 23 years by the same charming and very polite car park attendant with his ticket machine. The charges are £1 per car and £5. per coach. On Monday 1 June, he did not turn up for work. Bristol Zoo management phoned Bristol City Council to ask them to send a replacement parking attendant. The Council said; "That car park is your responsibility."  
The Zoo said: "The attendant was employed by the City Council ... wasn't he?"  
The Council said: "What attendant?"  
Gone missing from his home is a man who has been taking daily the car park fees amounting to about £400. per day for the last 23 years....!!!  
**Total sum 2.9 million pound**

(I'm sure this would work in good ole SA)

### AMBIGUITY

- One tequila, two tequila, three tequila, floor.
- If man evolved from monkeys and apes, why do we have monkeys and apes?
- The main reason why Santa's so jolly is because he knows where all the bad girls live.
- I went to a bookstore and asked, "Where's the self-help section?" she said if she told me, it would defeat the purpose.....
- What if there were no hypothetical questions?
- If a deaf person signs swear words, does his mother wash his hands with soap?
- If someone with multiple personalities threatened to kill himself, would it be considered a hostage situation?
- Is there another word for synonym?
- Where do game rangers go to 'get away from it all?'
- What do you do when you see an endangered animal eat an endangered plant?
- If a parsley farmer is sued, can they garnish his wages?
- Would a fly without wings be called a walk?
- Why do they lock gas station bathrooms? Are they afraid someone will clean them?
- If the police arrest a mime, do they tell him he has the right to remain silent?
- What was the best thing before sliced bread?

## RELAY SPEED-UP (Increasing relay speed)

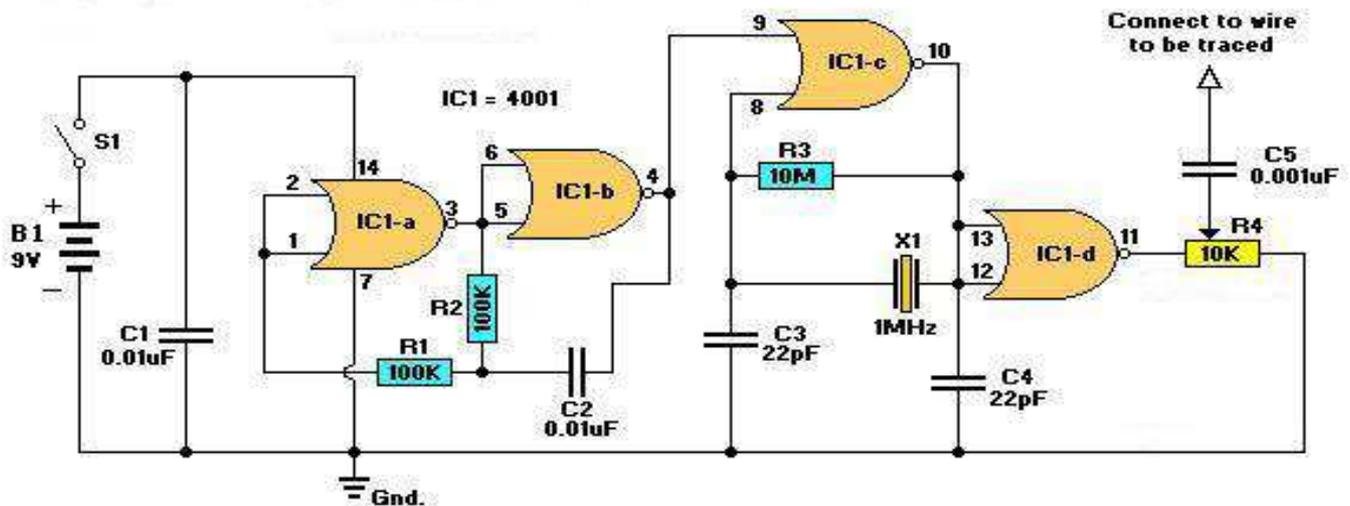


This circuit speeds the relay by momentarily doubling the normal supply voltage. Can be used for speeding-up the T/R relays.

On receive the capacitor is charged to the supply voltage through both diodes.

When the switch (PTT) is pushed, the transistor turns on through 1k ohm by the charged capacitor. Then the relay momentarily is supplied with twice its voltage and closes faster than normal without harming the coil. As soon as the capacitor discharges, the relay coil sees a normal supply voltage.

## A simple wire tracer



A simple carrier transmitter connects a RF signal into a wire/cable. Using a MW portable radio will pick up the signal.

## Some famous people and their callsigns

W5CY Howard Hughes - Billionaire, Inventor, aviator, aircraft designer

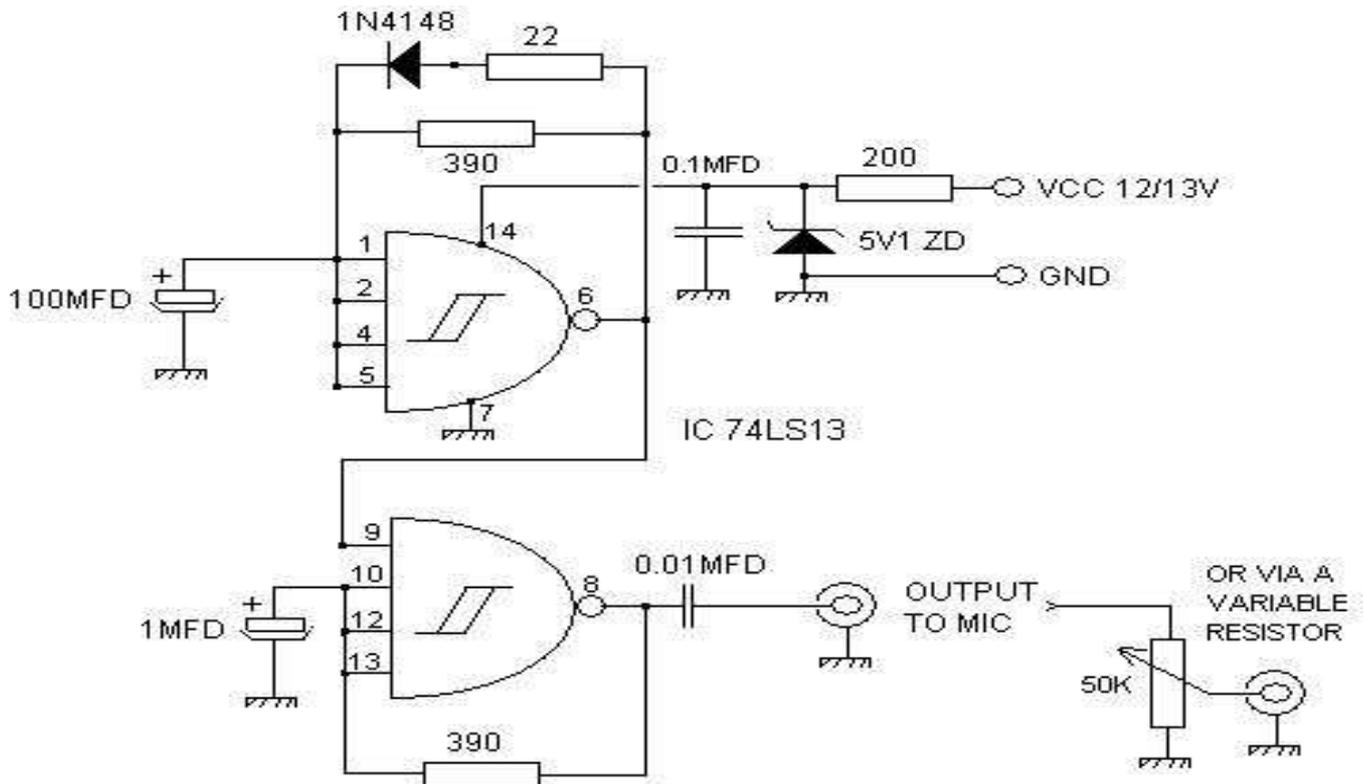
W2JOF Sir Cliff Richard - Singer (W2JOF is his USA callsign)

WD4SKT Donnie Osmond - Singer

WB6ACU Joe Walsh - Of The Eagles & James Gang

JA3FA Tokuzo Inoue - Founder of ICOM

## Tone pulsing unit for tuning up



Build it on a small piece of perfboard. The signal generated is fed into the mic socket of a SSB rig and has a low duty cycle pulsing tone. Can be used when tuning up valve P/A's. It may be used with today's solid state rigs and auto ATU's

3A0AG Prince Alberto Grimaldi - Monte Carlo, Monaco

W6RO Queen Mary Ocean Liner - Wireless room operated by The Associated Radio Amateurs Of Long Beach Calif.

W6DOE Clarence Leonidas Fender (Leo Fender) - He of Fender electric guitars. Prolific inventor & designer of instruments

Cable No	Nominal	Cable Diameter(in)	Velocity Factor	Attenuation		Capacitance (pF/ft)	Maximum Operating Volts RMS
	Impedance			10Mhz	100Mhz		
RG-8A/U	50.5	0.405	0.66	0.55	2.0	30.5	4000
RG-11A/U	75	0.405	0.66	0.7	2.3	20.5	5000
RG-58U	53.5	0.195	0.66	1.25	4.65	28.5	1900
RG-58C/U	50	0.195	0.66	1.4	4.9	30.0	1900
RG-59A/U	75	0.242	0.66	1.1	3.4	20.5	2300
RG-59B/U	75	0.242	0.66	1.1	3.4	21	2300
RG-62A/U	93	0.242	0.84	0.85	2.7	13.5	750
RG-174A/U	50	0.11	0.66	3.4	10.6	30.3	1000
RG-213/U	50	0.405	0.66	0.6	1.9	29.5	5000

# INSTANT LADDER LINE

## CLIP-ON WIRE SPREADERS



- \* Inexpensive
- \* Light & strong
- \* UV resistant
- \* Long lasting
- \* Lowest possible RF loss
- \* Re-usable: clip on, clip off
- \* Build a ladder line in minutes!
- \* Also makes great folded dipoles

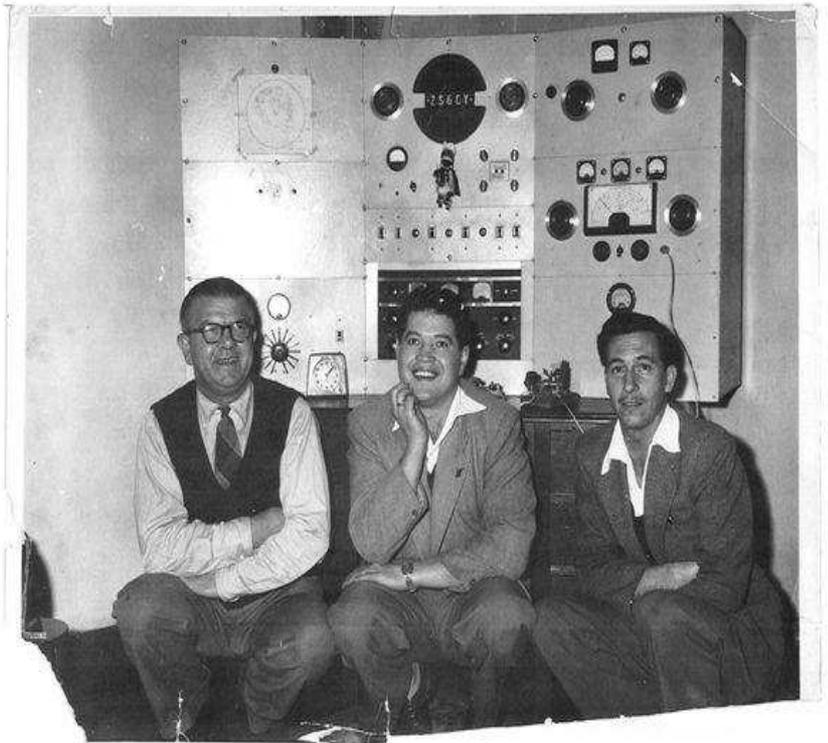


Details, prices, antenna tips and much more:

[www.instantladderline.co.za](http://www.instantladderline.co.za)

To order: [info@instantladderline.co.za](mailto:info@instantladderline.co.za)

(Resellers welcome!)



Pic taken 1955 Left to right  
ZS6CY-Ernie Omgred, ZS6AIS-Sel Lager, ZS6AJB-Dan Erasmus

### CLUB INFORMATION

**Postal address** PO Box 19937 Sunward Park 1470

**Website** <http://www.zs6hvb.za.net>

**Back issues of Shacknews available on the club website**

**e-mail** [zs6hvb@zs6hvb.za.net](mailto:zs6hvb@zs6hvb.za.net)

**Repeater** 145.1875 MHz input - 145.7875 MHz output

**Linked** to 70 cm - 438.850 Mhz (Sunday bulletins)

**Bulletins** Sunday morning - 145.7875 MHz & 7062 KHz @ 08h45.  
Relay - 80M - 3662KHz

#### Monthly meeting venue

Germiston Methodist Church  
Room at back of the offices  
Lady Duncan Rd  
Germiston

*3rd Saturday of the month at 14:30*

#### Committee

Chairman	Ton van Dijk	ZS6ANA	011-432-5494
Secretary/Treasurer	Berridge Emmett	ZS6BFL	011-893-1291
Assistant Secretary	Marianne Treyvellan	ZR6JMT	079-519-8808
Repeater/Technical	Ton van Dijk	ZS6ANA	011-432-5494
Repeater/Technical Assistant	Frank van Wensveen	ZS6TMV	082-294-2648
Shacknews Editor	Berridge Emmett	ZS6BFL	011-893-1291
Shacknews Printing	Harry Lautenbach	ZS6LT	011-888-5362
Webmaster	Yvonne van Dijk	ZR6TBL	011-432-5494
Assistant Webmaster	Marianne Treyvellan	ZR6JMT	079-519-8808

#### Club bank details

First National Bank - Current Account 62116557309. Branch Code for EFT 250655