



HIGHVELD AMATEUR RADIO CLUB

SHACKNEWS

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<http://www.qsl.net/zs6ssc/>

Sunday morning BULLETINS - 145.7875 MHz & 7062 KHz @ ±08h45.

COMMUNICATION IS THE NAME OF THE GAME

SILENT KEY

Gus Wolf, ZS6GT, passed away on 8 May 2006. Gus had been a member of the HARC for many years.

We will remember you



Meeting Where were all the members? Not such a good turn out. A demo was given of the Satscape program and a discussion on **Quadrifilar-helix** antennas ensued.

Here are some websites of interest that explain that give an explanation of the above.

- <http://www.iag.net/~w2du>
- <http://www.kunsmanen.nl>
- <http://homepage.ntlworld.com/phqfh1>
- <http://www.askrlc.co.uk>

SSC There was no meeting held for this month. The June meeting will be held at the home of Errol and Betty. See you there

---oooOOOooo---

The staff from a Johannesburg computer company decided to pull a practical joke on their boss who had a habit of playing serious jokes on everyone else.

While having dinner at a restaurant in Rosebank, the boss went to the toilet, and they went through his wallet and found his Lotto Ticket.

Then, they wrote down his numbers and called over the waitress to set up a little prank.

She came back half an hour later and asked if anyone wanted to know the

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evening's Lotto winning numbers then proceeded to read them out aloud, before setting the numbers on the table.

The boss looked at the numbers, then casually pulled out his ticket from his wallet and compared them. He became really silent, put his wallet back in his jacket and sat down again, and checked the numbers, very, very carefully. Then, he sculled his drink, and checked his numbers again.

He stood up in his chair and shouted out to the whole room, " I just want to let you all know something. I've been having an affair with my secretary for months. I don't like any of you, and I have hated working for this company. I've never put forward any of your requests for raises. You can all go to Hell, cause I've just won a load of money, and I'm leaving."

And there it all went: tata ma chance. tata ma job. tata ma marriage.

---oooOOOooo---



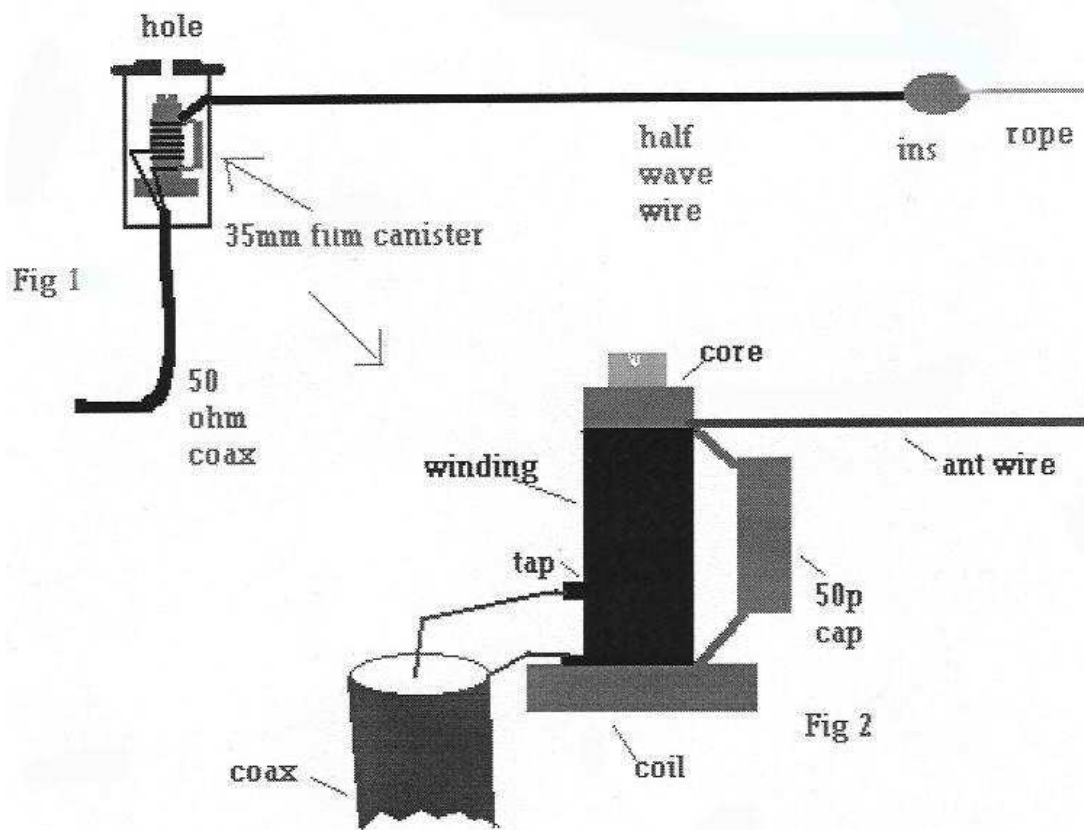
These old radios were used in the early days of broadcasting in South Africa.

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HALF WAVE END FED ANTENNA



This end fed type of antenna is a useful system for the portable set-up. Being a half wave, no radials or counterpoise wires are needed.

As the impedance will be high at the end of the wire, some form of matching unit is needed and a simple parallel tuned circuit housed in a plastic film container is fine (figure 1). A hole in the container allows for tuning, by adjusting the ferrite core in the coil for maximum reading on a field strength meter nearby.

The inner of the coax goes to a tap about 1/4 of the way from the earthy end of the winding, to which the braid of the coax is soldered.

As a rough guide, a capacitor of 50pf across a winding of say 30 turns is a starting point for 40m. Some experimenting with turns and tapping point is necessary. The coil former used was about 1/4 inches in diameter as found in old IF transformers.

The antenna wire (1/2 wave long) is soldered to the top of the coil as shown in figure 2.

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The drawings illustrate the setup

For portable use, throw the wire into a tree or whatever, using thin cord or rope onto the insulator (figure 1), tune for best field strength reading and off you go!

Want to work two bands? Use a slightly bigger container with two tuned circuits, which have some sort of terminal each, to which one of their respective wires can be connected.

Rough lengths of half wave wires

80m - 132 feet,

40m - 66 feet,

20m - 33 feet.

---oooOOOooo---

Old for some of us . Believe it or not you can read it.

I cdnuolt blveiee taht I cluod aulacly uesdnatnrd waht I was rdanieg. The phaonmneal pweor of the hmuan mnid.

Aoccdrnig to a rscheearch at Cmabrigde Uinervtisy, it deosn't mtttaer inwaht oredr the ltteers in word are, the olny iprmoatnt tihng is that the first and lsat ltteer be in the rghit pclae.

The rset can be a taotl mses and you can sitll raed it wouthit a porbelm.

This is bcuseae the huamn mnid deos not raed ervey lteter by istlef, but the wrod as a wlohe.

Amzanig huh? yaeh and I awlyas thought slpeling was ipmorantt

(Spell checker does its nut on this passage Hi.)

73 Berridge ZS6BFL

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