



SHACKNEWS

HIGHVELD AMATEUR RADIO CLUB

Second Quarter 2018

We're on 

ZS6HVB
Affiliated to the
SARL

COMMUNICATION IS THE NAME OF THE GAME

The second quarterly meeting takes place on Saturday, 16 June at the home of Rex - 14:00 for 14:30. Don't forget subs are due - R50.00

The key of Reg Barnes, ZS6AHB is now silent (01-07-1934 to 21-05-2018)

Reg was at one time chairman of the Highveld Branch as it was known then, from the late 1970's to early 1980's.

See interesting story on page 2



We were following a lioness carrying her cub for around 2kms when we could see she was getting really tired. Suddenly, an elephant showed up and looked as if it was wanting to help the tired lioness! The elephant put its trunk down, the cub jumped up and the elephant started carrying the lion cub!! I never ever knew this was possible!

Submitted by Selwyn

In the 1970's Reg Barnes ZS6AHB performed one of the greatest humanitarian acts as a radio amateur member serving his country.

It was just after midnight, ONE NIGHT, when the Springbok Radio in Johannesburg received a call for help from LM Radio.

This call was rushed to the late Joe Asher ZS6BHL who was OIC of SAPWRR at the time. Reg who had his own twin engine aircraft at Lanseria Airfield in Jhb, immediately responded to assist in flying 50 litres of a very rare blood plasma to save the life of a Mozambican soldier who was dying after being shot in Nampula.

Finding this amount of RARE BLOOD around midnight took radio amateur members of WRR, searching the big city blood banks, around the whole of South Africa & it took an hour. Once it was located, it was rushed to Reg standing by at his aircraft, by Joe Asher ZS6BHL in his car, with the life saving cargo of Blood Plasma.

Reg flew off with this valuable cargo in total darkness, single handed & was assisted by radio amateurs on HF, while operating Aeronautical Mobile & kept in touch with all parties concerned for the entire flight to keep Reg informed.

LM Airport were alerted when to switch on huge search lights, to make it possible for Reg to be able to see & to land safely around 3am..

The authorities in LM had a military aircraft standing by to transfer the valuable crate of BLOOD & fly it to Nampula in the northern area of Mozambique.

This was all done with precision & the blood arrived at the hospital in Nampula as the last drop of the Hospitals transfusion supply ran out.

The soldier was placed onto the blood from South Africa & a few hours later he showed signs of a recovery. His mother was there to see her son saved by Reg's voluntary service to a total stranger & saved the soldiers life. Reg flew back to JHB soon after that same morning & landed safely.

I saw the NEWS placard later that morning headed... RADIO MAN SAVES SOLDIER !!! The late Colonel Van Rensberg SAP OIC WRR in Bloemfontein remarked... "it sounded like a heroic fairy tale that makes all of us & Radio Amateurs, so proud. !!"

Submitted by Denis Wells ZS1AU.

From the SARL Forum

I was in a job interview today when the manager handed me his laptop and said "I want you to try to sell this to me."

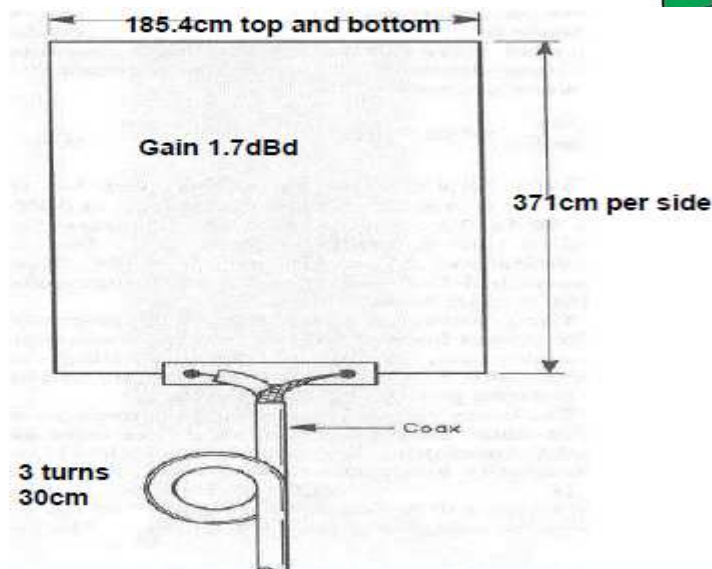
So, I put it under my arm, walked out of the building, and went home.

Eventually, he called my mobile and said "Bring it back here right now!"

I said "\$200, and it's yours."



10M loop antenna



A refresher

CAPACITOR GUIDE

The Result of Capacitor Code is Given in pF

1 st Digit Of Value	2 nd Digit Of Value	Multiplier	Tolerance (±%)
4	7	M	20%

474 =
47 x 10,000 pF
= .47 μF

Max. Voltage

F = 1%
G = 2%
J = 5%
K = 10%
M = 20%
Z = +80%/-20%

On some capacitors the value is shown as a straight number (4.7pF). On others the decimal point is replaced with the first letter of the prefix (4p7 = 4.7pF).

Prefix	Abbr.	Multiplier
pico	p	10 ⁻¹²
nano	n	10 ⁻⁹
micro	μ	10 ⁻⁶

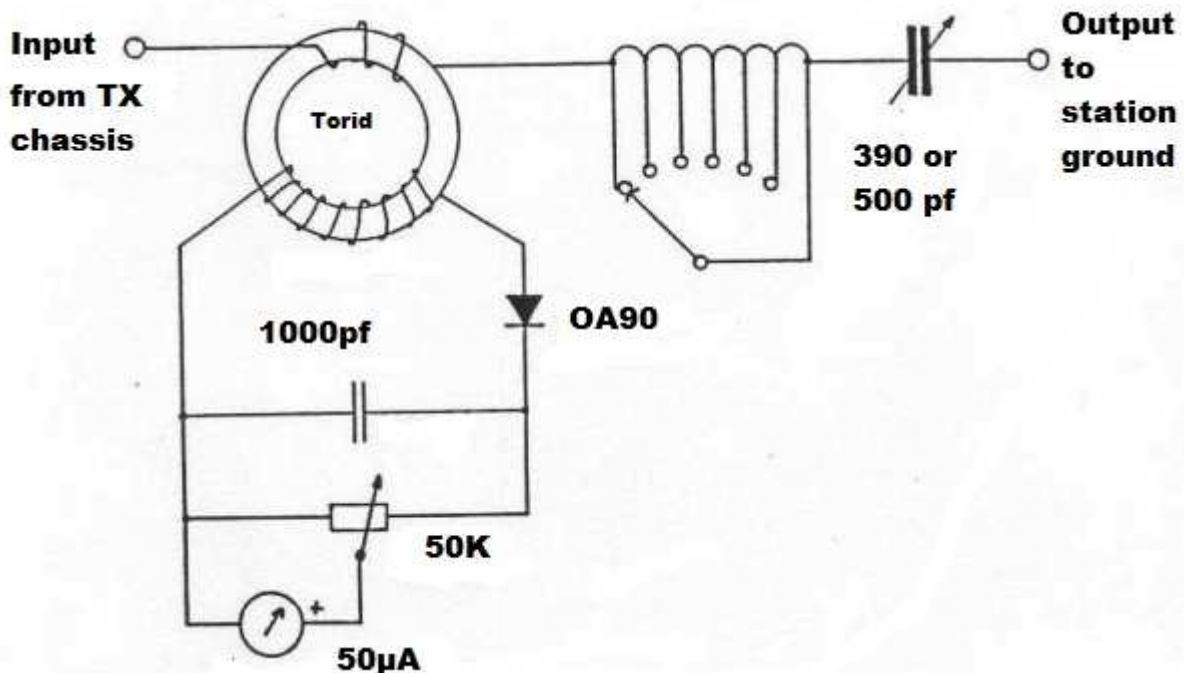
1000 pico = 1 nano
1 nano = .001 micro
1000 nano = 1 micro


EXAMPLES:

223J = 22 x 10³ pF = 22nF = 0.022μF 5%

151K = 15 x 10¹ pF = 150pF 10%

Tunable station earth. you would have to experiment with Toroid and tapped coil size and windings





Wireless Economy

Important Reductions in - Wireless Components -

REDUCED PRICES FOR THESE

Valves :-Marconi R4 and R5, Cossor P1 and P2, Mullard (Green and Red Ring), Mullard Ora, Thorp K1, old price 9/6 **New Price 7 - each.**

Fellow's Volutone Large Size Loud Speaker (2,000 ohms). Owing to heavy stocks on hand we have been obliged to reduce these from £5,5/0 to £3,3/0 each.

Burndept Concert Coils, old price 19/6 per set, **new price 13/6 per set of four.**

Single Coils Nos. 1, 2, 2½, 3, 4 and 75, old price 5/4 each, **new price 3/6 each**

ARRIVAL OF NEW GOODS

Square Wire Tinned Copper, 16 and 17 gauge 1½d. per yard, 18 gauge 1d. per yard.

Ebonite for large panels up to 40 inches, ½d. per square inch.

Radio Instruments (Transformers) 30/- each.

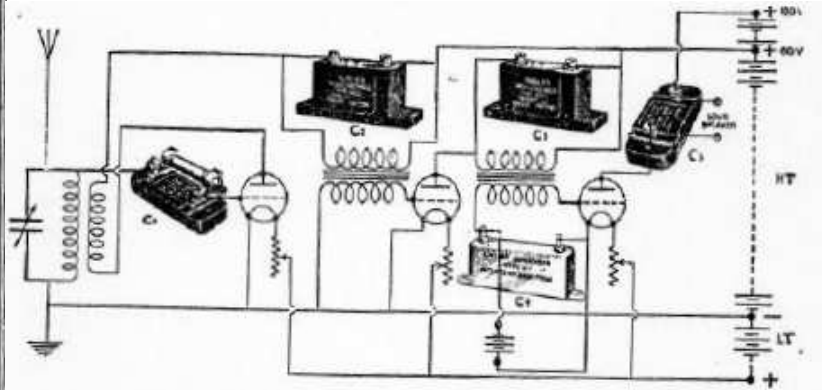
R.I. Dual Rheostats, 9/6 each.

McMichael Vernier Condensers, 4/3 each.

McMichael Neutrodyne Condensers, 3/9 each.

Send for Wireless List—a copy will assist you

Box 4558 **STUTAFORD & CO. LTD.** **Johannesburg**




AGENTS:

The Western Electric Co. Ltd
Cam Buildings
Simmonds Street (South)
Johannesburg

British General Electric Co. Ltd.
Cor. Loveday & Anderson, Sts.
Johannesburg, Capetown,
Durban.

TRADE MARK



DUBILIER
CONDENSER CO (1925) LTD

AGENTS:

"Burndept" of South Africa
Cullinan Building
Johannesburg

Wireless Agency Limited
Kodak House
Shortmarket Street
Capetown

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

Repeater 145.1875 MHz input - 145.7875 MHz output

Bulletins Sunday morning - 145.7875 MHz & 7162 KHz @ 08h45.

Monthly meeting venue

Every Third month
On the *3rd Saturday of the month*
at 14:30.

@ various venues

Chairman	Vacant	Committee	
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