



WATTS

06 - 2003

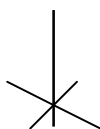
Monthly newsletter of the Pretoria Amateur Radio Club
Maandelikse nuusbrief van die Pretoria Amateur Radio Klub.



PARC, PO Box 73696 Lynnwood Ridge 0040, RSA



<http://www.qsl.net/zs6pta>



Bulletins : 145,725MHz 08:45 Sundays / Sondag

Relays : 1840, 3700, 7066, 10135, 14,200 MHz
depending on season

Swapshop: After bulletin 2m and 40m

(drukwerk / hardcopy courtesy ZS6BAQ)

Committee and management team 2002-2003:

-Chairman, SARL liason, Watts editor (temp)

Hans Kappetijn	ZS6KR	hans@qrv.co.za	012-333-3612	
-Vice Chairman and Awards	Bill Ingleson	ZS6KO	012-331-2327	
-Secretary and Rallies	Johan de Bruyn	ZR6JHB	johandbr@absa.co.za	012-803-7385
-Rallies (co-opted)	Johann de Beer	ZR6YV		011-918-1060
-Treasury, Social, Watts asst.	Doreen de Bruyn	ZR6DDB		012-803-7385
-Auditor	Egbert Begeman	ZS6AZG	begeme@unisa.ac.za	012-347-1905
-Clubhouse and DF hunts	Richard Peer	ZR6CK	peerrk@SAfrica.com	012-333-0612
-Webmaster	Rudi Venter	ZS6DX	zs6dx@ananzi.co.za	012-993-4848
-Fleamarket	Alméro Dupisani	ZR6RY	dupisani@postino.up.ac.za	012-567-3722
-Fleamarket (co-opted)	Willie Greyling			
-RAE (co-opted)	Brian Scott	ZR6BJS		084-312-7407
-Repeater coordinator and projects:	Hans Gurtel	ZR6HVG		012-808-0162
-Repeater Maintenance	Willie du Plessis	ZS6AEA	autocom@icon.co.za	012-565-5555 083-653-2101

In this issue

- Editorial van die Redaksie
- Club meeting minutes / Klubvergadering notules
- Birthdays Verjaarsdae
- Anniversaries Herdenkings
- Coming events Komende gebeure
- Technical Tegnies
- Your contributions? U bydraes?

in hierdie uitgawe

Next Meeting

Date: 12-06-2003
Time: 19:30 for 20:00
PARC Clubhouse,
South Campus,
University of Pretoria.
SE cnr University and
Lynnwood road.

From the Editor

This is the first e-mail electronic issue of WATTS. I have spent considerable time to downgrade my ignorance of MSWORD and figure out a suitable presentation that is acceptable for such a prestigious publication as this one.... Also the file size has to be kept down which means minimal graphic content. I have, included a colour picture to show what can be done. I would be pleased to receive member's own, or shack and antenna pictures for publication. Advertisements are also welcome. Members receiving the paper version of this newsletter may not get good picture reproduction – please get onto e-mail – it is about time.



The editor in comfortable operating position some months ago after an operation...

Die redakteur in gemaklike bedryfshouding 'n paar maande gelede na 'n operasie....

Van die Redakteur

Dit is die eerste e-pos elektroniese uitgawe van WATTS. Ek het aansienlik tyd gespandeer om my onkunde van MSWORD af te gradeer en om 'n geskikte aanbieding te bedink wat hierdie gewigtige publikasie gestand doen... Ook moet die leërgrootte in bedwang gehou word wat minimale grafika inhoud beteken. Ek het 'n kleurfoto ingevoeg om te wys wat kan gedoen word. Ek sal bly wees as lede vir my fotos van hulle self, of ark en antennes kan stuur vir publikasie. Advertensies is ook welkom. Lede wat die papieruitgawe kry, sal seker nie die beste fotoweergawe sien nie – kry asb e-pos – dis omtrent tyd.

PLEASE NOTE - NEEM KENNIS ASB.

Lede en nie-lede wat hierdie nuusbriëf per gewone pos ontvang het, en wel oor e-pos beskik, moet asb. 'n blanko boodskap aan hans@grv.co.za stuur vir ons posbus en klub databasis. Die van u sonder e-pos sal dit nog steeds per gewone pos ontvang, maar dit sal vanaf die elektroniese lêer gedruk word, ook in A4 formaat. **Moet asb. nie versuim nie – stuur u e-pos met roepsein of identifikasie as titel. Hoe meer hoe beter** – dankie.

Members and non-members receiving this newsletter by normal post, and have e-mail at their disposal, must please send a blank message to hans@grv.co.za for the mailbox and club database. Those of you with no email will still receive it by normal post, but it will be printed from the electronic file, also in A4 format. **Please do not ignore – send your e-mail with callsign or identification as title. The more the better** – thanks.

Minutes of the monthly club meeting of the Pretoria Amateur Radio Club held at the South Campus of the University of Pretoria on 8 May 2003

- 1a. **Welcome:** Hans ZS6KR declared the meeting open and welcomed all present.
- 1b. **Attendance:** The meeting was attended by some 22 members and 3 visitors.
- 1c. **Apologies:** ZR6JHB
- 1d. **Personals:** No problems reported
- 1e. **Minutes of the previous meeting:** The minutes as published in Watts were approved.
Proposed by Chris ZS6FCS and seconded by Hans ZR6HVG.
- 1f. **Matters arising:** none
2. **Club activities**
 - 2a. **Website:** Still maintained by ZS6DX. Valve list updated.
 - 2b. **DF Hunting:** Looking for more participants - who is interested in learning these skills? Hardware is available. Contact Richard or Bill for an enjoyable few hours on a Saturday afternoon possibly followed by a braai and some good yarns.
 - 2c. **Repeater 2m :** Hans HVG reported that the batteries were serviced.
Repeater 70cm: Hans ZS6KR reported a request by Quantum Club to use our 432,825 repeater temporarily for IRLP working and this was approved. Our repeater is situated between Mountain View and Pretoria North. The DTMF access code is **8427**. Technical aspects are handled by Johan Lehmann ZR6ANF 083-300-8677.
This can make interesting listening and operating and will be on-line by Friday 9 May. Quantum plan their own 70cm repeater to be on a site east of Pretoria.
 - 2d. **Mega-Fleamarket:** The desirability of another fleamarket in mid-winter will be debated further at committee level. It was felt that we should entice other clubs to initiate one for a change.
 - 2e. **Rallies:** Johan ZR6JHB could not report. Hans ZS6KR read out an official letter from the Organizing Committee of the Total Rally 2003 written by Otto Seyfarth ZR6ZRO. In this letter the PARC members involved and especially Johan ZR6JHB were praised for their efforts to match international standards requirements for mid-point monitoring. Accuracy and report rates were considered very satisfactory. He however urged further investigation into improvements using available technology and offered funds to implement it when considered viable.
 - 2f. **Social:** Plans are postponed - Too many other activities in this month.
 - 2g. **Financial:** Doreen reported approximately R2600 in our running account.
3. **Ham diary:** May 10: End of National Science week at Swartkops AFB
West Rand digital workshop
Scopex exhibition
11: Mother's Day
17: RAE
SARL Special Budget meeting
18: SARL Intecnet on WJST software
24: AMSATCON at NARC
24-25: CQWW WPX CW contest
25: SARL President's net / Marconi Day
31: MRK invite to Willem Prinsloo Museum
June 07-08: IARU Region 1 Field Day CW
4. **General:**
 - a. SARL awaiting nominations for the Siemens Amateur of the Year Award.
 - b. **PARC Trophies to be returned at next meeting.**
 - c. New date for PARC outing (postponed as previously discussed)
 - d. **E-mail members to receive Watts by e-mail:** Members present added their particulars to the e-mail list. We have some 52 e-mail addresses at the moment. Readers not registered yet are requested to notify hans@qrv.co.za. File size will be kept as small as practical but at least 200kb can be expected.
5. **Pesentation:** Barry ZR6DXB presented notes on WJST computer and interface requirements. Again this generated much interest and invited various questions. It appears that some of our members will venture into these new modes. Part 3 will follow next month. Visit www.qsl.net/zr6dxb where all possible software and information can be downloaded.
6. **Next meeting:** June 12, 2003
7. **The meeting closed when it closed...**

ZS6KR

Birthdays Verjaarsdae

Junie



06 Callie ZS2CWP
06 Simon ZS6AST
11 Nadia, daughter of Frank ZS6GE
14 Hilary ZR6HAP, daughter of Richard ZR6CK
14 Molly ZR6MOL
15 Claire, sw of Robert ZS6ARC
17 Lynette ZR6LHT, dogter van Pieter ZR6AHT
19 Colin, son of Stan ZS6AAO
20 Johan ZR6JW
20 Malcolm ZR6OLM, Son of Roy ZS6XN
22 Richard ZR6CK
27 Selma, sw of Joe ZS6TB
27 Emil ZS6EGB
27 Jac ZS6QA

June Anniversaries Herdenkings

07 May and Wally ZS5WP
19 Sue ZS6SUE and Don ZS6CRT
24 Marieta en Roy ZS6MI

**IF YOU ARE NOT MENTIONED, YOU
MAY NOT BE ON OUR DATABASE!**

New Members

We welcome **Brian ZS6CID**

Sick parade

Roy ZS6MI had another back operation...
vasbyt Roy...



Krukkelys

Doreen ZR6DDB moet moontlik 'n nekoperasie kry...

Coming amateur events

Jun 07-08 IARU Region 1 CW field day
13-15 PEARS VHF,UHF,microwave Contest
16 SARL kid's day
21 SARL Budget Special General Meeting at NARC
21-22 All Asian DX CW Contest
28 Home constructor's day at West Rand Club
28-29 ARRL Field Day
28-29 His Majesty of Spain SSB Contest
28-29 Marconi Memorial HF Contest
29 SARL President's net
Jul 01 SARL Subscriptions due
06 DARC 10m Digital Contest

Reference

www.sarl.org.za/public/contests

www.jarl.or.jp/English

www.arrl.org/contests

www.darc.de/referate/dx/cqdlcont/corona02.htm

Presentation next meeting: Part 3 "Digital Modes for Dummies"
by ZS6OB, ZS6WB, ZR6DXB

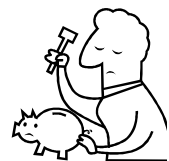


PLEASE... Return your Club Trophies at this June 12 meeting.

For the early birds...

PARC membership subs (R50) are due by the end of June.
Payment details are: FNB Account 546 000 426 73
FNB Branch 25 20 45

Enter your **callsign** in the info space else we get **anonymous** donations!



AGM Motions : Please submit at 10 July meeting or 31 July latest.
AJV Mosies : Lê asb voor by 10 Julie vergadering of laastens 31 Julie.

THE EFFECT OF CABLE LOSS

Saving money on cable is expensive in terms of power loss. You may cancel all the effort you put into a better antenna.

A 3dB cable loss translates to 50% power lost in heating up the cable! Check what happens at these frequencies:

	10MHz	100MHz	
RG58C	1,4dB	4,9dB	per 30m
RG213	0,6dB	2,1dB	per 30m
1/2" hardline	0,2dB	0,8dB	per 30m

Apart from wasting considerable power, a lossy cable also fools you when checking SWR at the TX end. The nomogram below illustrates clearly that for example 2 below: **measuring SWR=1,5 through 30m RG58C at 100MHz means a true mismatch of SWR=4 at the antenna** which you thought was not there!

