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WATTS

09 - 2005

Year 75+9m

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

✉ PARC, PO Box 73696 Lynnwood Ridge 0040, RSA

web <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 (also on-line)

75th AGM

it's all over - dis alles verby

75^e AJV



Guest of honour Hans v/d Groenendaal ZS6AKV, Richard ZS6UK en die nuwe voorsitter Almero ZS6LDP

In this issue

- Editorial
- Annual report 2004-2005
- AGM flashes 11 Aug '05
- Member news
- Diary
- Technical
- Page eight

in hierdie uitgawe

Redaksioneel
Jaarverslag
AJV flitse
Ledenuus
Dagboek
Tegnies
Bladsy agt

Next Meeting Date 07-09-2005

Time: 19:30 for 20:00
PARC Clubhouse,
South Campus,
University of Pretoria.
SE cnr University and
Lynnwood roads.

PARC Management team / Bestuurspan Aug 2005- Aug 2006:

Committee members

Chairman, SARL liason, Fleamarkets	Almero Dupisani	ZS6LDP	almero.dupisani@up.ac.za	012-567-3722	072-204-3991
Vice Chairman, Secretary Rallies, Social, Hamnet	Johan de Bruyn	ZS6JHB	johandbr@absa.co.za	012-803-7385	082-492-3689
Treasurer, Clubhouse, Database, DF hunts	Richard Peer	ZS6UK	peerrk@safrica.com	012-333-0612	082-651-6556
Newsletter Kits	Hans Kappetijn	ZS6KR	hans@qrv.co.za	012-333-2612	072-204-3991
Historian Awards	Tjerk Lammers	ZS6P	zs6p@iafrica.com	012-809-0006	
Repeaters , Technical Public Relations	Craig Symington	ZR6REV	craigsym@global.co.za	012-997-4504	083-259-3233
Repeater custodian	Pine Pienaar	ZS6OB	janpienaar@ananzi.co.za	012-345-1801	082-447-7823

Co-opted / Geko-opteer:

Repeater, technical	Johan Lehmann	ZS6JPL	jlehmann@csir.co.za	012-804-6173	083-300-8677
	Hans Gurtel	ZR6HVG	adele123@absamail.co.za	082-940-0623	082-940-0623
	Pieter Human	ZR6AHT	humanp@telkom.co.za	012-800-2888	082-565-6081
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Auditor	Egbert Begeman	ZS6AZG	egbert@worldonlne.co.za	012-347-1905	082-490-1963
Asset control	Andre v Tonder	ZS6BRC	andre.vtonder@absamail.co.za	361-3292	082-467-0287
Tydrenne	Johann de Beer	ZR6YV		011-918-1060	082-857-1561
Klubfasiliteite, vlooiemark	Willie Greyling	ZR6WGR	willie@up.ac.za		082-940-2490
Webmaster,	Sander Wissing	ZS6SSW	zs6ssw@qsl.net	012-661-4853	083-607-4549
RAE	Brian Scott	ZR6BJS	scottbri@gmail.com	084-312-7407	
Hamnet, projects	Roy Newton	ZS6XN	newtonr@telkomsa.net	012-547-0280	
Morse testing	Bill Ingleson	ZS6KO		012-331-2327	
Tea	Molly Peer	ZR6MOL	molly@peer.co.za	012-333-0612	
	Doreen de Bruyn	ZR6DDB		012-803-7385	

Editorial

As the front page states, the AGM is over and done with and a new Committee approved. See this page above for their portfolios for the coming year. Apart from some stalwarts, we have two newcomers in the Committee. Pine ZS6OB and Craig ZR6REV – both practical and technical men.

Your new Chairman Almèro ZS6LDP is sure to lead us to further heights from the status-quo set out in the previous Chairman's Report also published in this newsletter. The proviso is that the current impetus and enthusiasm for - and loyalty to - the PARC and its activities must be maintained by you, the member so that growth is assured.

It is of utmost importance that you, reading this, **first make sure you are a paid-up member up to 30 June 2006.** (this could be the last newsletter you will receive) Second, be pro-active in some or other club activity that interests you. Third, use as many amateur bands and modes that you can handle and licensed for so as to keep our spectrum busy. Finally, keep your on-air fare such that it does not degrade the Amateur image or that of the organizations that represent it – but rather elevates the hobby and attracts others to our membership. Let's keep the PARC the premier club!

Redaksioneel

Soos die voorbladsy aandui, is die AJV verby en klaar en 'n nuwe Komitee verkies. Sien hierdie bladsy bo vir hulle portfolios vir die jaar vorentoe. Buiten sekere staatmakers, het ons twee nuwelinge in die Komitee. Pine ZS6OB en Craig ZR6REV – althoe praktiese en tegniese mense.

U nuwe Voorsitter Almèro ZS6LDP sal sekerlik ons na nuwe hoogtes kan lei vanaf die status-quo soos uiteengesit in die vorige Voorsitter se verslag wat ook in hierdie nuusbrieff gepubliseer is. Die voorbehoud is dat die huidige stukrag en entoesiasme vir- en lojaliteit aan – die PARK en sy aktiwiteite deur jou, die lid onderhou moet word om groei te verseker.

Dit is van uiterste belang dat u, wat dit hier lees, **ten eerste seker maak dat u 'n opbetaalde lid is tot 30 Junie 2006.** (dit kan dalk die laaste nuusbrieff wees wat u ontvang) Tweedens, wees pro-aktief by een of ander klub-aktiwiteit wat jou interesseer. Derdens, gebruik soveel amateurbande en modes wat jy kan hanteer en voor gelisensieer is om sodanig ons spektrum besig te hou. Laastens, hou u op-lug sê-goed sodanig dat dit nie die Amateur-beeld skaad nie of die van die organisasies wat ons verteenwoordig - maar eerder die stokperdjie ophef en nuwe lede trek. Kom ons behou die PARK as die voorste klub!

Can anyone tell us where all the Pretoria gang are. The vast majority seems to have hidden themselves. What about some news and ideas. Let's hear from you and see you occasionally. Don't forget, Pretoria is the Premier Branch and your help is needed to keep it so.

ZS Oct 1948

“BEAM.”

Introduction

I am glad to report that the Pretoria Amateur Radio Club has made good progress over the past FY and can boast an increased membership, technical activity and assets. Paid-up membership support has improved from 124 to 139 despite attrition due to 3 silent keys and several not having renewed subscriptions. It is a sad fact that year after year there is always a portion that is not committed to unbroken membership. We say thank you to those new members who have voluntarily come forward to support our Club and Amateur Radio.

Ek is bly om te kan rapporteer dat oor die afgelope FJ die Pretoria Amateur Radio Klub kan spog met 'n groter lidmaatskap, tegniese aktiwiteit en bates. Opbetaalde lidmaatskap het verbeter van 124 na 139 ondanks 'n slytasie as gevolg van 3 stil sleutels en verskeie lede wat nie ledegeld betaal het nie. Dit is 'n treurige feit dat jaar na jaar daar altyd 'n deel is wat nie toegewy is om onderbroke lidmaatskap te handhaaf nie. Ons sê dankie aan die nuwe lede wat uit vrye keuse ons Klub en Amateur Radio het kom ondersteun.

Attendance at meetings was pretty average - despite the particularly interesting presentations we could arrange. We are very grateful to the members who were prepared to make presentations, with the preparation, time and even expenses involved. Also Willie ZR6WGR who managed to arrange the electronic aids for these presentations. Every presentation was educational and those who were not here, have missed something.

Bywoning van vergaderings was nogal gemiddeld - desondanks besonder interessante aanbiedings wat ons kon reël. Hier moet ek in die besonder die lede bedank wat bereid was om aanbiedings te doen, met die voorbereiding, tyd en selfs uitgawes wat daarmee gepaard gaan. Ook Willie ZR6WGR wat die elektroniese hulpmiddels vir die aanbiedings elke keer kon reël. Elkeen van die aanbiedings was leersaam en die wat nie hier was nie, het iets gemis.

Activities

1. Above average was the past year's technical activity. Here we thank the coordinator Pine ZS6OB and Johan ZS6JPL, Pieter ZR6AHT, Hans ZR6HVG, Andre ZS6BRC and Craig ZR6REV who formed the core of activities such as upgrading the current 2m repeater site, and now engaged in the development of an experimental site.

Voor ek hiermee verder gaan moet ons weereens dankie sê aan Willie ZS6AEA wat nog steeds 'n 70cm herhaler vir ons op sy eie terrein vir ons beskikbaar stel en onderhou.

Johan ZS6JPL se 70cm IRLP stelsel is ook iets om op trots te wees en ook sy APRS fasiliteit wat altwee nou permanente klub-instellings is.

Johan ZS6JPL is also ready to go with his 10m repeater project completed this time last year and now awaiting licensing under the new regulations. Pine has vast experience in all things mechanical and VHF/UHF antenna design and manufacture and we are grateful for his inputs in that field. Pieter is well versed in lightning protection, Hans in electronics and measurement and as far as I know Andre and Craig are amongst other things, both undaunted tower climbers.

The club is also grateful to those members that came forward and assisted on an ad-hock basis.

For these projects much hardware has been obtained gratis or at vastly reduced prices thanks to the dedication of these people and donors.

I think they deserve a round of applause.

2. Die volgende aktiwiteit wat ek wil meld en wat ons elke jaar 'n goeie reputasie na buite gee, is ons radio-kommunikasie bystand by feitlik elke tydren wat plaasvind in Gauteng. Die PARK en motorsport is sinoniem danksy 'n toegewyde span van sekerlik meer as 20 lede. On is al betrokke sedert 1955. In besonder sê ons dankie aan JB ZR6YV wie nou al 25 jaar betrokke is en Johan ZS6JHB wat ook al jare sy volle vermoëns insit. Hy was onlangs vereer met 'n *South African Marshalls Association* (SAM) trofee vir uitsonderlike diens.

As dit kom by tydrenne huiwer die organiseerders van al die onderskeie motorsport klubs nie om ons te nader om kommunikasie te verskaf vir die duur van die tydren nie want hulle weet dat hulle top gehalte diens van ons klub gaan kry. Dit is te danke aan die entoesiasme van ons lede dat die PARK se vaandel met trots wapper.

The PARC has since 1955 been involved with rallies and it is no wonder that we can claim that we are the best in the business. To all you wonderful and dedicated people, thank you for your time and effort during the last year and may we continue to rely on your support for future events.

3. Another activity that has yielded good PR and attracts a vast number of amateurs from all over, is our Mega-Fleamarket concept that invites all clubs at the same venue 2-3 times per year. Almero ZS6LDP and Willie ZR6WGR do the organization. The last FY we only managed 2 out of the usual 3 but we have one coming up in a few weeks. These people have carried the burden of organizing the site, establish a PA system with music, procure and transport tables, and ensure the place is clean afterwards.

A special thanks also to Richard and Molly Peer who procure and supply the cooldrinks maar ook aan Pieter, Magda en Lizette van Wyk wat nou al bekend is vir die wors en Magda-burgers wat hulle daar aanbied. Jy kan hulle nie mis nie – hulle is net agter die rookwolke. Baie dankie ook aan Tim ZS6TIM wat die mikrofoon altyd beman met sy kwinkslae en vendusies – julle almal en die organiseerders is onmisbaar en verdien ook 'n handeklap.

Talking about PR - Our regular Sunday-morning HQ Bulletin transmissions on 2m, 40m, 80m and occasionally on 30m and the on-air Swap-Shop has also been a great factor in promoting the PARC. – it has become an accepted institution started some 8 years ago and chaos reigns if yours truly is unable host it. Jokes aside, it brings our community together in a different way, and has netted us extra membership from who saw that amateur radio is alive.

4. A different sphere of activity is contesting and some of our members have put in a regular dedicated effort to put the club first on average points in the SARL HF Contests. I hope that our members with new HF privileges will also show up and get good operating and logging experience in a competitive environment. Contesting is an excellent binding factor amongst club members working toward a common goal. I will repeat what I said last year: It is about the only Amateur activity that creates unity of purpose, pride in your club, pride in your own skills, equipment and improved achievements. Sports clubs thrive on exactly that – make some time for at least the local contests – understand the rules, reserve time and make the effort.

5. Awards and certificates obtained by the club and club members were not as plentiful as last year but the 8th consecutive SARL HF Contest Club Participation Trophy went to our club on aggregate. ZS6KR managed 3rd place in the Phone leg and 2nd place in the CW leg. The first leg of the 2004 SARL Field Day effort was ruined by rain and the second leg abandoned. We however did sufficiently well in the first leg of this year and will make a concerted effort to bring it to a good conclusion in November. On the international contesting front yours truly used ZS75PTA in the March Commonwealth CW Contest and attracted immense attention. The effort resulted in a request from the RSGB for a picture and comment to publish in RadComm. Ivan ZS6CCW also used the ZS75PTA call in the March CQWW WPX contest and was also very popular. Until the end of April he made over 2500 ZS75PTA contacts on HF.

VHF / UHF digital mode operation over last year needs special mention. Hal ZS6WB and Pine ZS6OB are club members most active here. Some spectacular contacts have been achieved with relatively simple equipment and WJST software. Hal's efforts are world-renowned. Both have given various workshops to interested parties in- and outside the club to promote interest in marrying a PC to a radio to use digital modes. This year Hal was also the recipient of the Icom Excellence Award. Pine tried to stimulate interest in the SARL VHF/UHF contest in September last year and 9 members took part. Due to this contest covering too many modes and the consequent complications of hardware logistics and people required, the 2005 contest was called off.

However, Pine was undaunted and initiated regular Monday-evening technical discussions initially to promote VHF / UHF but now also on different issues. Compliments have been received from all over as many find the subjects covered of tremendous educational value. As if that was not enough he stimulated VHF FM operation by organizing a VHF QSO Party for all amateurs within simplex range of Pretoria. This is intended to be a regular feature.

Laaste maar nie die minste nie in die VHF / UHF domein is die aktiwiteit van Egbert ZS6AZG met satellietwerk. Hy het ook onlangs uitgewei op twee van ons tegniese aande hoe dit alles gedoen word. Hopelik het hy van die luisteraars kon aansteek met die modes wat verskeie satelliete bied. Thank you Egbert, Hal and Pine for your valuable contributions.

6. Foxhunting. This has been a traditional activity for many years to promote direction-finding skills. Only a small group of members take part in this activity and enjoy the Sunday afternoon outings with some amusing incidents. This can be a family event with no limit to tag-alongs. There is always a get-together afterwards mainly at the hospitable homes of Bill ZS6KO and Mary, or Johan ZS6JHB and Doreen ZR6DDB.

Non-hardware activities

7. On the social front there were two major gatherings. The first was the Adler Restaurant dinner and the second the 75th anniversary 'Day in the Sun' at the PMC grounds. The latter was attended by a record number of people counting past 80 including the President of the SARL and wife. Dankie aan Paul ZS6BAQ wat 'n groot aantal fotos van die geleentheid op sy webwerf geplaas het. Thanks to the organizers Johan ZS6JHB and Willie ZR6WGR both were a great success. Not to forget our lady members who are always involved one way or another to assist and give advice. Richard ZS6UK has been an excellent manager of our clubhouse refreshment section and club meetings would also not have a sociable ending if it were not for Molly ZR6MOL, Mary SW of Bill ZS6KO, Vlasta SW of Ivan ZS6CCW, Martie SW of JB ZR6YV, Doreen ZR6DDB, Magda ZS6MVW, Lizette ZR6LZT and Marelise SW of Pierre ZS6PJH for providing and helping with refreshments after club meetings and cleaning up afterwards. Furthermore we thank Tjerk ZS6P and Sylvia for their hospitality every November in hosting a braai for club members at their home.

8. Our newsletter. Ons nuusbrief WATTS was weer deur my versorg. Elektroniese verspreiding bereik nou 85 lede en ongeveer 40 klubs, en die Staatsbiblioteek. Ons pos nou ongeveer 46 uitgawes na lede sonder e-pos. Die drukwerk word goedgegunstig deur Paul ZS6BAQ behartig. Ook groot waardering aan die wat papier geskenk het. Baie komplimente bereik die redakteur oor die gehalte en formaat.

Richard ZS6UK managed the snailmail distribution involving label printing, filling envelopes and posting. These chores and many other functions requiring data-on-tap are aided by Club Management Software that he has written and updates regularly as member details change.

9. Our website was maintained by Sander ZS6SSW and constantly attracts visitors. The on-line swap-shop section as well as the listed club stock have helped many to obtain what they want. It too, serves as a commendable public relations tool.

10. RAE klasse by ons klubhuis het hierdie jaar nie plaasgevind nie. Ons fasiliteite kan egter gebruik word vir eksamens wanneer nodig. Dit is volgens die SARL moontlik dat verskeie personeel van die Departement Kommunikasie en jeugdiges binnekort by ons opgelei moet word.

Finally, looking ahead, I wish to see more interest groups active in technology or public service. With the recent revival of Hamnet our secretary Johan ZR6JHB has been appointed as the Regional Coordinator for Gauteng which also deserves applause. The new ZS's under the new regulations may now see new avenues to pursue their ambitions or serve other groups in a better way.

We need to be seen and heard by the community as responsible citizens with privileges that can be used not for our own enjoyment, but as a tool to render responsible and coordinated assistance. Last but not least, the SARL needs your support to protect these privileges not only locally, but also internationally by way of IARU membership - towards which we have also made a donation.

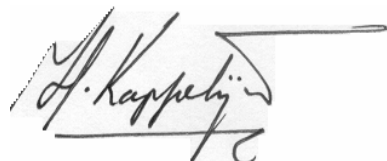
As Club Chairman, I must thank our Vice Chairman Almèro ZS6LDP, Secretary Johan ZS6JHB, Treasurer Richard ZS6UK and our awards manager Tjerk ZS6P for their support. Not to forget the 7 co-opted members Egbert ZS6AZG, JB ZR6YV, Bill ZS6KO, Johan ZS6JPL, Hans ZR6HVG, Willie ZR6WGR and Willie ZS6AEA who have smoothed our path over the last year with Technical, Social and Facility Management. Egbert ZS6AZG is our auditor and he deserves a special thanks for making sense of our financial status.

He will soon have his own word in these proceedings.

Furthermore one of the last tasks of the outgoing committee is to allocate awards and certificates to deserving members. These will shortly be handed out.

Our Club has certainly done well over the past year. I have been chairman for four consecutive years but for personal reasons can not make myself available again. I wish the incoming Committee and Chairman another successful year ahead.

Hans Kappetijn ZS6KR, Chairman PARC 8/2004- 8/2005





Overall view showing members enjoying some eats and drinks prior to proceedings. Some 45 people attended.



Pierre ZS6PJH en kinders geniet 'n happie



Johan ZS6JHB lees die notule



Hans ZS6KR lees sy jaarverslag



Hans ZS6AKV chides doomsayers



Tjerk begin met toekennings



Pieter ZR6AHT ontvang eerste

Sertifikate is ontvang deur Pieter ZR6AHT, Hans ZR6HVG, Johan ZS6JPL, Andre ZS6BRC, Craig ZR6REV en Dawid ZR6DSG; almal vir werk op die 2m herhalerperseel. Antoinette ZS6D het 'n sertifikaat ontvang vir haar leeswerk aan blinde amateurs. Hal ZS6WB received a certificate for being the top digital modes promotor. **Trophies:** ZS6BLY trophy: Hennie ZR6HEN for the best club presentation, Hansie Meyer: Ivan ZS6CCW for best club participation, Sonny Don: Andre ZS6BRC for best practical assistance, Piet Roos: Doppies ZS6BAQ for printing WATTS, Valvoline: Vince ZS6BTY for best DF hunter, Ham Spirit: Pine ZS6OB, Roy Alexander: Johan ZS6JHB for top support on rallies. **Honorary membership** was awarded to Stan Zway ZS6SDZ.



Almero in his new function as Chairman



'Lady in red' Antoinette with Tjerk and hubby Danny

Birthdays

Verjaarsdae

Sept



Sept

Anniversaries Herdenkings

02 Charell ZR6GN
 02 Lizette ZS6LZT
 04 Tony ZS6TFB
 05 Bernie ZS6ANU
 05 Jess ZS6JES
 09 Bill ZS6WK
 11 Johan ZS6JPL
 15 Pamela, sw of Harry ZS6HRD
 21 Johan ZS6JHB
 24 Estie ZR6STB
 25 Claire, daughter of Robert ZS6ARC
 25 Susan, dogter van Freddie ZS6JC
 26 Bokkie ZR6CL

02 Lily and Harry ZS6AMP (55)
 04 Martha Louisa en Attie ZS6REY (36)
 09 Adele en Hans ZR6HVG (11)
 27 Miemie en Hennie ZR6HEN
 28 Retha and Roy ZS6XN (20)

26 Graham ZR6GJR
 26 Pieter ZR6KSA
 27 Lodewyk, seun van Johan ZS6JPL en Elmarie, ZR6AXF.
 29 Charlize, dogter van Dawid ZS6DSG

Sick Parade | Krukkelys

- Mary, sw of Bill ZS6KO is now recovering at home after a short stay in hospital with pneumonia.
- Bertha, lv van Hans ZS6KR is tans tuis met medikasie om infeksie hok te slaan.
- Selma, sw of Joe ZS6TB is recuperating well at home after her operation.

PARC Diary | Dagboek

Sept 03-04 All Asian SSB Contest
07 PARC Club meeting (Wednesday)
 16 Closing date for October RAE
 22 Schools close (inland provinces)
 24 Heritage Day
 24-25 CQWW RTTY Contest
 30 Final date of SARL subscriptions
Oct 02 RSGB 21/28MHz Phone Contest
 03 Schools open
05 PARC Club Meeting (Wednesday)
 06 SARL 80m QSO Party (2nd leg)

Forgot ? Vergeet

Last call ! Laaste roep !

Deadline 30 September for unbroken membership

Please renew your membership that was due on June 30.

Hernu u lidmaatskap asb. Wat op 30 junie verval het.

R50 to FNB Account 546 000 426 73
FNB Branch Lynnwood 25 20 45

Snippets | Brokkies

- Geluk aan nog meer lede met nuwe ZS roepseine: Almero ZR6RY is nou **ZS6LDP**, Johan ZR6JHB is nou **ZS6JHB**, Richard ZR6CK is nou **ZS6GUK**, Louie ZR6LVW is nou **ZS6LVW** en Lizette ZR6LZT is nou **ZS6LZT**. Joe ZR6SA has recently passed his assessment using his home-brew 2m synthesized radio in the construction category (See picture in WATTS Feb 2005)
- Pine ZS6OB se ICOM agentskap vorder mooi en hy het alreeds van die nuutste modelle om te fingerpoken.
- Doppies ZS6BAQ se nuwe toring is onlangs in beton geplant.
- Pierre ZS6PJH, Pine ZS6OB and Paul ZS6NK were at the RTA open day on 20 August to demonstrate WSJT and weak signal tropo propagation. At least 8 other club members were noted to be there.
- OM **Stan ZS6SDZ was visited at home** by a club delegation and presented with his **certificate of honorary membership**.

68th RSGB Contest 3/2005

There was a strong effort from ZS75PTA, a special station commemorating 75 years of the Pretoria Radio Club, which caused problems for a few logging programs (it counts as ZS0). A

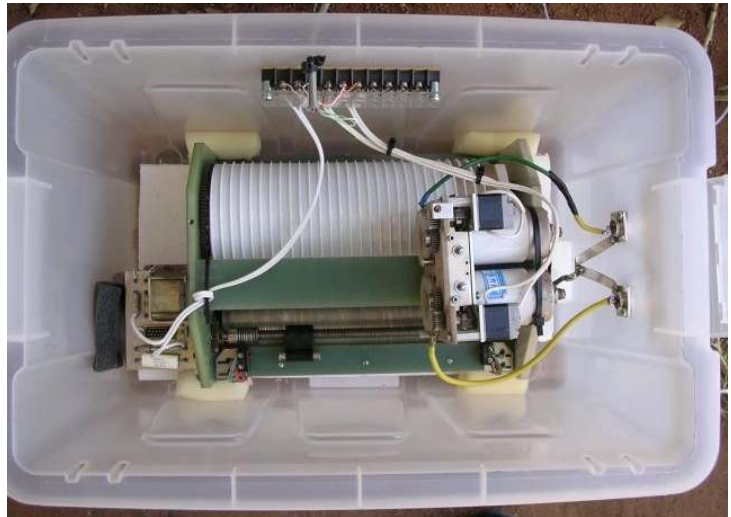
Open Section

Pos	Callsign	80m	40m	20m	15m	10m	Bonus	Score	BCAs	QSOs
22	VE7UZ	18/13	15/44	11/21	56/28	9/9	121	3412	82	231
23	9J2B0	2/2	31/22	67/25	166/32	83/9	90	3466	60	351
24	ZS75PTA	4/2	36/26	57/39	121/31	27/12	110	3357	77	245
25	G4EAL	13/11	20/28	61/46	46/36	8/7	128	3320	92	158

Lede se projekte en bedrywe

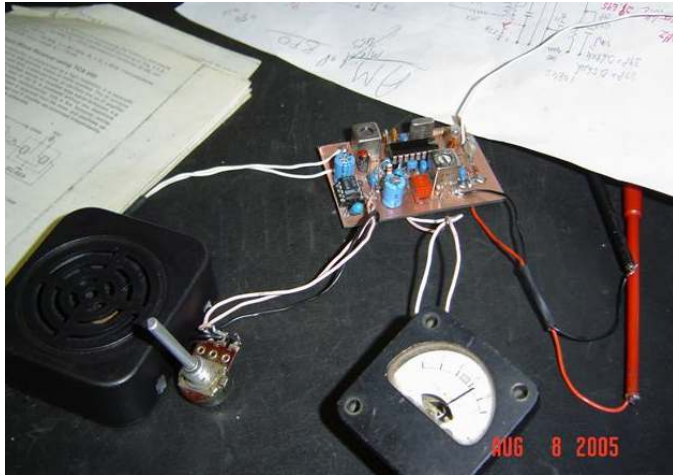
1. Ed ZS6UT:

Afstand-beheerde "T-match (Unbalanced to unbalanced)" antenna-instemmer. Dit bestaan uit 'n Jennings roller inductor met 2 Jennings 7-1000pF vacuum kapasitors. "Ek gebruik dit om 'n omgekeerde L in te stem".



2. Louie ZS6LVW:

Hy het 'n kristal-beheerde ontvanger gebou op 28,2MHz AM vir sy opgradering na ZS.



Pine ZS6OB in sy werkwinkel met een van sy antenna-ontwerpe. Hy is al wyd en syd bekend vir sy deeglike konstruksie en gewaarborgde werkverrigting van enige 6m/2m/70cm hoë-wins antenna wat bestel word.



Piet ZS6PVW bou baie soliede 'J-poles' met 'n nuttige monteerstuk om teen 'n plank of gewel vas te maak. Hou ons volgende vlooi mark op 3 Sept dop om een te kry.

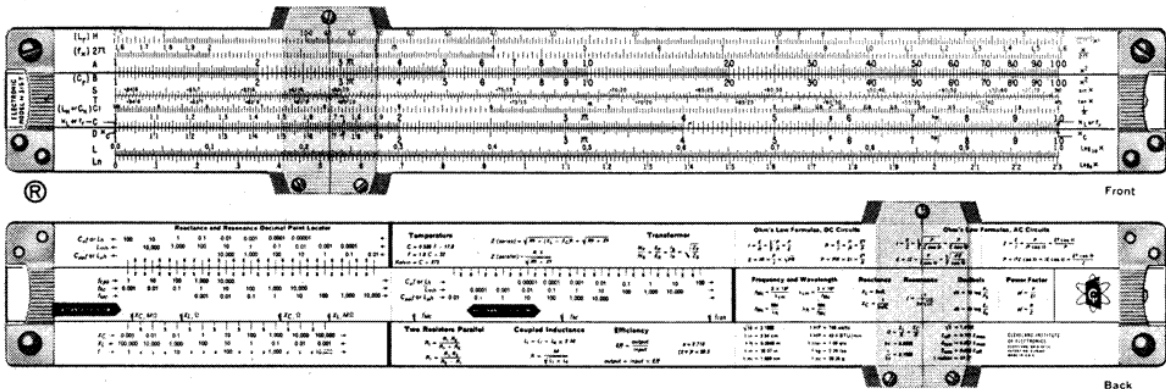
Radio protection kits as published in WATTS July 2005 are now available @ R80 from Hans ZS6KR. Postage is R10 extra. Full instructions are provided. Order by phone 012-333-2612 or cell 072-204-3991 or email hans@qrv.co.za. Installations can be done at a moderate consideration.



1935

The elaborate Marconi Wireless transmitting and receiving apparatus installed on the "Empress of Britain."

ELECTRONICS SLIDE RULE



SOME DAY EVERYONE in electronics may have a slide rule like this. Till then, the man who uses one will seem like a wizard as he solves reactance and resonance problems in 12 to 20 seconds —without pencil and paper.

Where are they now?

Ed: As late as 1975 electronic calculators had to be surrendered prior to exams at (my) university. Mainly because they had memories for cribbing!

Correspondence

Dear Sir,

AMATEUR COMMUNICATIONS

I have to inform you that monitoring reports show that amateurs are not complying with the regulations regarding communications and that unnecessarily lengthy conversations occur which can prevent full use of the amateur bands.

1958, but no change yet

I shall be glad, therefore, if you will bring this to the notice of your members through the medium of your bulletin and your "ZS" publication.

Yours faithfully,

(Signed) POSTMASTER-GENERAL