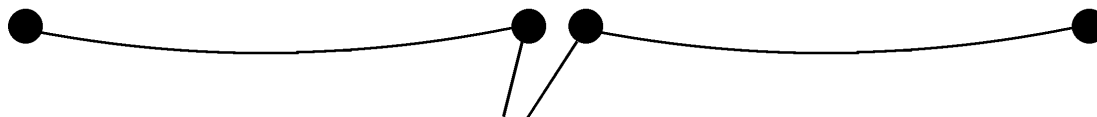


# DIPOLE



## NEWSLETTER OF THE SANDTON AMATEUR RADIO CLUB

### Chairman's QSP – September 2002

I had hoped to pass the torch to someone else for the next year, but it was not to be... So here I am writing another QSP for the Dipole. As you will probably have gathered by now, the recent AGM elected the following committee:

Chairman:	Peter Hers ZS6PHD
Vice-chairman:	Graham Hartlett ZR6GJH
Secretary & Treasurer:	Colin de Villiers ZS6COL
Social:	Pauline Hollis ZU1PLN, Jan Schubart ZS6ARV, Stretch Walters ZR6PTT
Bulletins:	Robbie Parkinson ZS6RAP
Education:	Steve Baynes ZS6XU Stretch Walters ZR6PTT
Dipole Editor:	Chris Ussher ZS6UC
Contests:	Scamp Porter ZS6SMP Peter Hoyle ZR6KZ
QSL manager:	Ray Vincent-Lambert ZS6RAE
Additional member:	Paul Vermaak ZR6POL

We welcome the new members to the committee and look forward to another great year for the club.

Also at the recent AGM we awarded the Chairman's award to Richard ZS6BWS and Val for their stalwart efforts in bringing out the club newsletter, regular as clockwork. Richard was not present to receive the cup, and we will ensure that it is handed over to him at the next opportunity. I am sure you all join me in congratulating Richard and Val. The new Dipole editor Chris will have a challenge to keep up to the same standard.

Another major item dealt with at the AGM was the approval of payment to Steve ZS6XU for the almost-new 70cm equipment which we have in fact been enjoying for some months now. We are extremely fortunate to have Steve within our club.

As mentioned previously I am shortly off on a trip through Namibia. From 24 August to 7 September I will try to keep scheds and look forward to speaking to anyone who can make these times. Please contact me for further details if you are interested.

73 & 88

Peter  
ZS6PHD



**Dates for your diary.**

- 21 August           Magalies Radioamateurklub special event station ZS6MRK in the hobby section of the Pretoria International Show
- 24 August           ZS6 Band Planning Committee meeting at NARC
- 30 August           Lecture at the Observatory entitled 'Wheels, Weights and Clocksprings – a Look at Early Scientific instruments. It will be presented by Tony Voorveld, ZS6CCD. 19:30 for 19:45
- 30 August           West Rand Amateur Radio Club Spring Bootsale in Kroton Street, Weltevredenpark. The gates open at 12:00.
- 7-8 September     All Asian DX Contest, SSB
- 7-8 September     IARU Region 1 Field Day, SSB
- 14-15 September   WAE DX Contest, SSB
- 14-15 September   EU DX Contest, SSB
- 21-22 September   SARL VHF/UHF Contest (2<sup>nd</sup> leg) from noon on Saturday 21 August to noon on Sunday 22 August [See map on last page]
- 25 September       SARL HF. CW contest
- 27 September       Lecture at the Observatory. Listen to the Sunday bulletin for details of the September lecture.
- 28-29 September   CQ/RJ Worldwide DX Contest, RTTY
- 28 -29 September   Scandinavian SSB Contest
- 17 October           RAE

**BULLETIN TIMES**

The Sandton Club bulletin is broadcast every Sunday at 08h45 with a repeat at 17h45 on the following frequencies:-

08h45           145.700 MHz. FM, 438.800 MHz. FM and 7.082 MHz. LSB

17h45 -       145.700 MHz. FM and 438.800 MHz. FM

**Schedule of bulletin presenters for September & October 2002**

<b>Date</b>	<b>Call Sign</b>	<b>Presenter</b>	<b>Telephone</b>	<b>HF Relay</b>
25 August	ZS6JEN	Jenny	011-888-1252	ZS6XU
01 September	ZS6XU	Steve	011-787-2225	ZS6XU
08 September	ZS6GBJ	Paul	011-788-2797	ZS6GBJ

15 September	ZR6DCM	Daryl	083 267 3159	ZS6XU
22 September	ZU1PLN	Pauline	011-706-1950	ZS6PHD
29 September	ZR6POL	Paul	083 959 4648	ZS6PHD
06 October	ZR6DG	Derek	083 603 0918	ZS6GAM
13 October	ZS6MWG	Mike	011-803 7603	ZS6GBJ
20 October	ZS6RHP	Robbie	011-706 1950	ZS6XU
27 October	ZS6JEN	Gordon	011-787 4665	ZS6PHD
03 November	ZS6SMP	Scamp	011-782 0685	ZS6GAM
10 November	ZR6SRK	Henry	011 888 1869	ZS6GBJ
17 November	ZR6TXA	Thomas	083 414 6133	ZS6XU

## Committee Members

<i>Position</i>	<i>Name and Call sign</i>	<i>Home and Work tel nos.</i>	<i>fax and cell nos</i>	<i>email address</i>
Chairman:	<b>Peter Hers</b> ZS6PHD	792-4634- 517 2703	083 445 4634	<a href="mailto:zs6phd@mweb.co.za">zs6phd@mweb.co.za</a>
Vice-chairman:	<b>Graham Hartlett</b> ZR6GJH	824-6017 463-2636	082 441 6989 463-8456	<a href="mailto:hartnett@icon.co.za">hartnett@icon.co.za</a>
Secretary/ Treasurer:	<b>Colin de Villiers</b> ZS6COL	704-1643 458-6677	458-6701	<a href="mailto:devilc@mweb.co.za">devilc@mweb.co.za</a>
Social:	<b>Pauline Hollis</b> ZU1PLN, <b>Jan Schubart</b> ZS6ARV, <b>Stretch Walters</b> ZR6PTT	706-1950 787-5933 807-6347 802-1216	082 977 9894 802-1911 082 458 1484	<a href="mailto:fredfarm@mweb.co.za">fredfarm@mweb.co.za</a> <a href="mailto:jans@netdial.co.za">jans@netdial.co.za</a> <a href="mailto:illusion@yebo.co.za">illusion@yebo.co.za</a>
Bulletins:	<b>Robbie Parkinson</b> ZS6RAP	706-1950 463-0661	082 567 5649	<a href="mailto:fredfarm@mweb.co.za">fredfarm@mweb.co.za</a>
Education:	<b>Steve Baynes</b> ZS6XU <b>Stretch Walters</b> R6PTT	787-2225 787-2225	787-5931 082 929 6817	<a href="mailto:zs6xu@mweb.co.za">zs6xu@mweb.co.za</a> <a href="mailto:illusion@yebo.co.za">illusion@yebo.co.za</a>
Dipole Editor:	<b>Chris Ussher</b> ZS6UC	880-1651	880-0840	<a href="mailto:ussher@metroweb.co.za">ussher@metroweb.co.za</a>
Contests:	<b>Scamp Porter</b> ZS6SMP <b>Peter Hoyle</b> ZR6KZ	888-5051 782-7749 888-7128	782-0685 888-8307 083 395 2705	<a href="mailto:daimon@icon.co.za">daimon@icon.co.za</a>
QSL manager:	<b>Ray Vincent-Lambert</b> ZS6RAE	795-2847 795-1368	795-2829	<a href="mailto:lambert@icon.co.za">lambert@icon.co.za</a>
Additional member:	<b>Paul Vermaak</b> ZR6POL	787-6083	083 959 4648	<a href="mailto:psverm@email.com">psverm@email.com</a>

## Chairman's Report for the 2001-2002 year.

Peter Hers  
3<sup>rd</sup> August 2002

I am very pleased to be able to report on yet another interesting and successful year for the Sandton Amateur Radio Club. During the year we made good progress in some areas, including upgrading our repeaters, our education programme and communication between ourselves. In other areas we could perhaps have achieved more.

## Repeaters

At the start of the year we were involved in the new ZS6 Band Planning Committee, and agreed to move our repeater frequency to 145,700 MHz to fit in with the new band plan. This was achieved relatively painlessly on 1<sup>st</sup> September. The exercise consisted of two parts: A team consisting of Paul ZR6POL, Colin ZS6COL and Colin ZS6MAC obtained access to the old "Hamnet" 145,700 repeater in Johannesburg and dismantled it in short order. This was immediately followed by Steve ZS6XU and assistants who switched the frequency of our existing repeater at the Bryanston Water Tower to the new frequency, and retuned the cavity filters to suit. The last communication on the 145,350 frequency included the club's well-known Fish Eagle sounding the last post, courtesy of Paul ZS6GBJ! Well done to everyone concerned.

During the year our 70cm repeater on 438,800 MHz was damaged irreparably by an excess of water, courtesy of Johannesburg Water. After a gap of some months it was replaced by Steve ZS6XU, and located also at Bryanston. The official registration of the repeater was amended making it 100% legal, and it has continued to provide excellent service ever since.

### **Education**

One of the high points of the last year was the continued conduct of the RAE course. A total of 28 students were trained in the two courses, and many of them have become active members of the club. The RAE course is the main route by which we are able to bring amateur radio to new people, and brings valuable new blood into the club. Both courses were hosted at Steve ZS6XU's place of business in Ferndale, at some disruption to his operations, and we owe Steve a debt of gratitude for this contribution.

Once again, my sincere thanks go to the lecturers: Mike ZS6MWG, Thomas ZR6TXA, Stretch ZR6PTT and Steve ZS6XU, as well as to Colin ZS6COL who so ably manages all the admin for the students, their fees and the registrations for the examinations.

Our next course starts on Tuesday 6<sup>th</sup> August, this time at the National Amateur Radio Centre at Sentech, Honeydew.

We were not able to run any morse classes during the year.

### **Contests and Special Events**

The VHF contest continues to be a major event twice a year in our club calendar, with Scamp ZR6SR (Now ZS6SMP) cajoling us all and pulling the event together, sometimes in the face of adversity and competing events. In March 2002 our station achieved 3<sup>rd</sup> place in its category with 19901 points. This contest continues to be an excellent opportunity for new licensees to learn about the practicalities of setting up and running a field station, not to mention being an excellent social occasion, and I hope we will continue to participate, hopefully from a field site location such as Breedts Neck as in past years.

Richard ZR6RDU achieved second place in the Fixed Station – FM only category.

Once again the club mounted a brave effort in the Hunting Lions in the Air contest, together with the Fourways Lions Club. This event was held at Steve ZS6XU's house, and once again a sincere vote of thanks is due to Steve for putting up with us all over the weekend. Interest in this contest has been on the wane worldwide since it was no longer

supported as an official Lions activity. The results have not yet been published for this contest.

Having a brief look at the other contests during the year one finds the following activities by club members:

80m QSO party: Sadly no logs submitted by SARC members

SARL HF Contest (SSB): Robbie ZS6RAP was the only one to submit a log.

SARL HF Field Day: Once again, Robbie ZS6RAP was the only one to submit a check log.

40m Simulated Emergency Contest: Yours truly ZS6PHD was the only member to submit a log.

I know that other club members participated in these contests, but it is sad that so few logs were submitted. I hope we can do better next year.

Robbie ZS6RAP also showed us how to mount a most successful special event station commemorating the 100<sup>th</sup> anniversary of the signing of the peace treaty at the end of the Anglo-Boer War. Station ZS100BW operated from Melrose House, Pretoria, where the treaty was signed over the period 31<sup>st</sup> May – 2<sup>nd</sup> June and made over 300 contacts. Robbie showed that it is not necessary to have fancy equipment, facilities or antennas in order to have a lot of fun. Operators at various times were Robbie ZS6RAP, Pauline ZU1PLN, Ray ZS6RAE, Gordon ZS6GAM and Paul ZS6GBJ. And to properly confirm contacts, Colin ZS6COL produced an excellent QSL card in full colour, which was mailed to all contacts within days of the conclusion of this operation.

### **Bulletins**

Robbie ZS6RAP organised the bulletin schedule over the past year with great success. The strategy of spreading the load as much as possible has worked very well, resulting in bulletins which have a variety of content to cater to all tastes. According to my records, bulletins were conducted by no less than 13 different people over the year: ZS6GBJ, ZR6DCM, ZS6RAP, ZS6HJM, ZR6SR/ ZS6SMP, ZS6JEN, ZS6MWG, ZR6DG, ZU1PLN, ZS6GAM, ZR6SRK, ZS6XU and ZR6TXA.

### **Social**

The two contests in which the club participated were good opportunities for socialising between members.

Our regular year-end party was hosted in December by Colin ZS6COL and Mary ZR6MY at their home before going away on their overseas trip to England and the USA. Many thanks to Colin & Mary for a great occasion.

### **Dipole**

Our monthly newsletter Dipole continues to be an extremely valuable point of contact between members, and to keep us all in touch with club activities. Richard ZS6BWS and Val have done a sterling job, bringing Dipole out as regular as clockwork, and chasing me every month for the Chairman's QSP. As a high proportion of members have email facilities, the cost of sending out Dipole is very low, and is far lower than if we had to send it out through the mail.

Thanks also to Colin ZS6COL for sending Dipole out each month, and also for his regular rainfall report.

### **SARL matters**

The recent SARL AGM made a bold step in reducing the annual membership fee, in the hope of attracting more members. Remember that the SARL is most important as our only formal voice in communication with the various authorities. I would encourage everyone who can possibly to do so to join the SARL and continue to provide your support.

The proposed new regulations have been stalled in government bureaucracies for a long time, and there is currently very little light at the end of this particular tunnel. My personal advice to all ZRs is to press on and complete the morse test at the current 12 wpm requirement. Every year you delay will result in one less year of enjoyment of the next level of your hobby.

Finally, I wish to record my thanks to all the members of your committee for the excellent work done over the last year:

Colin ZS6COL for all the bookkeeping, as well as the administration of the RAE courses.  
Steve ZS6XU for many things, including the RAE courses, his contribution to maintaining our repeaters, and for hosting the Hunting Lions in the Air contest.  
Robbie ZS6RAP for arranging bulletins and the admirable special event station ZS100BW.  
Scamp ZR6SR/ZS6SMP for organising the VHF contests.  
Richard ZS6BWS and Val for the regular Dipole.  
Ray ZS6RAE as club QSL manager.

And last but not least, my thanks go to all the other members at large who have assisted and participated at various times, and made our club the success that it is.

73 & 88

Peter  
ZS6PHD

### **Slow Speed Morse Code.**

#### QRS CW Net

By

Dennis ZS6AKF

Several chaps told me they gave up CW because the speeds they heard on the bands were too fast for them. So Tubby ZS5TUB and I felt that there is clearly a need for a QRS CW Net to help and encourage chaps like these. Tubby suggested a frequency of 7.020 MHz.

The final frequency, time, day and speed will depend on your input. While the net is aimed at helping the new ZS's enjoy a CW QSO, all hams are welcome to

join in the fun. The speed will be that of the slowest chap on frequency. So no need to be scared off by the speed !

Peter ZR6KZ suggested including a sentence or two at a very slow speed to help the ZR's. Thanks Peter this will be done.

All your ideas will be welcome. Please send these to me Dennis ZS6AKF on Tel/fax 011 464 1228 or email [dennis.clur@freemail.absa.co.za](mailto:dennis.clur@freemail.absa.co.za) or to Tubby ZS5TUB / ZS5CQD on 031 903 6708, if in the Durban area, or email [zs5tub@mweb.co.za](mailto:zs5tub@mweb.co.za).

Let's get cracking! We look forward to hearing from you.

73 Dennis

### **Wireless telegraph**

Thanks to Robbie Parkinson ZS6RAP for this snippet which he got from a Belgian friend.

The wireless telegraph is not difficult to understand. The ordinary telegraph is like a very long cat. You pull the tail in New York, and it meows in Los Angeles. The wireless is the same, only without the cat. \*\*\***Albert Einstein**

### **For Sale**

Paul ZS6GBJ has the following items for sale

<b>Description</b>	<b>Detail</b>	<i>2nd Hand Value</i>	<b>Price</b>
<b>YAESU HF LINE-OUT: 5 MATCHING ITEMS:</b>		Value	
<i>This is a real collectors Line-Out In Daily Use</i>			
FT-301D 160-10 METRE HF RIG 100W	DIGITAL READ OUT	3000	
FP-301D 30 AMP POWER SUPPLY,SPEAKER, AND CW SENDER AND CLOCK	IDEM	1800	
FV-301 EXTERNAL VFO		750	
FC-301 TUNER 160-10 M 4 WAY + WIRE SWITCH	500 W	2500	
YO-301 MONITOR SCOPE AND TESTER	500 W	1800	
<b>TOTAL (WILL ONLY SELL COLLECTION)</b>		<b>9850</b>	<b>5000</b>
<b>OTHER HF GEAR ( I am going more mobile now)</b>			
AMERITRON 600 W LINEAR 3 X AL 811	WITH SPARES	12000	<b>8000</b>
TH7 TRI-BAND 10,15,20 M	NEW+-	10000	<b>5000</b>

**DIPOLE September 2002**

COMMUNICATION TOWER PRO BUILT (V. Serious)	12M + CAGE	15000	<b>6000</b>
HY-GAIN TAILTWISTER ROTATOR	NEW+-	10000	<b>2500</b>
YAESU FRG 7 ALL BAND RECVR		1500	<b>500</b>
<b>SATELLITE GEAR</b> Surplus to my current needs			
FT 221 R - 2 METRE ALL MODE "Mutek" Front end	10 W	3000	<b>1500</b>
2 M x 26x2 EL 6 M BOOM X-YAGI RHCP (ZS6JT)	18Db GAIN	4000	<b>2000</b>
5 METRE MAST ALU. 50MM OD + MOUNTS		450	<b>200</b>
LOW LOSS CABLE Misc	50 M	2500	<b>500</b>
LINEAR AMP 144 CMS 10 IN 100 OUT (I have 100w On new rig)		2000	<b>1000</b>

**ZS6 GBJ PAUL**

TEL: (011) 788.27.97

FAX: (011) 880.49.38

MOBILE 083.227.69.41

E-MAIL [gosselin@mweb.co.za](mailto:gosselin@mweb.co.za)

CALL ON 145.700 RPTR

A note from Scamp Porter ZR6SR.

VHF/UHF Competition.

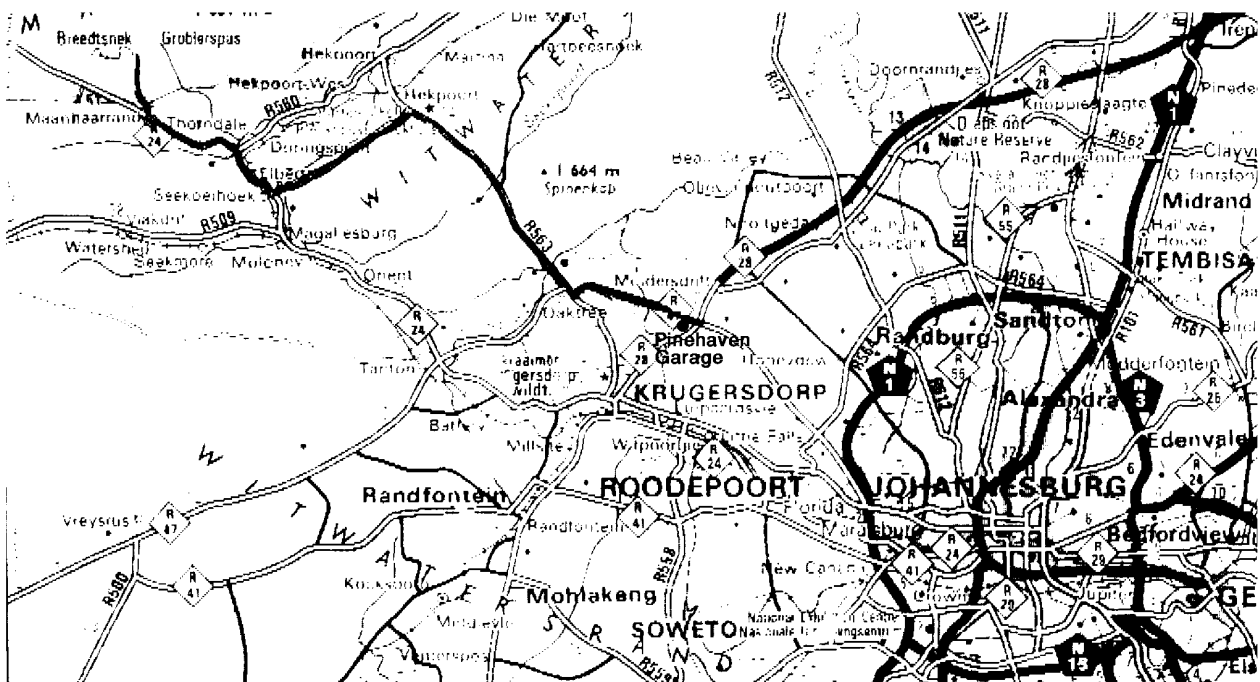
**Route Schedule to Breedtsnek.**

Starting point is Pinehaven garage at the intersection of the R28 and R47.

The end of the Pretoria to Krugersdorp freeway is the R28 and the Little Falls road - Hendrik Potgieter Drive is the R47.

Zero your odometer at the Pinehaven garage.

- 00 Pinehaven Garage.
- 10KM Tee junction - turn right.
- 11KM Fork - keep right heading to Hekpoort.
- 19KM Ignore road to right to Broederstroom (this road goes past Hartbeeshoek tracking station)
- 30KM Road to left. Turn left to Magaliesburg and Becker Skole.
- 41KM Tee junction. Turn right to Rustenburg.
- 42.2KM Stop - Railway Crossing.
- 44KM Ignore road to right to Hekpoort
- 46KM Ignore road to right to Doornhoek.
- 52.1KM Ignore road to right to Hekpoort  
Maanhaarrand shops on right.
- 52.5KM Turn right to Marikana. (on left is milestone  $\frac{43}{58}$  and signboard to Utopia.)
- 52.7KM Tar ends.
- 59.5KM Top of mountain pass  
50 metre from top take track to the left.  
100 metre take the left fork.....TAKE CARE!!!!!!  
800 metre VHF site. WELCOME.



Please contact Scamp Porter for any further details. Telephone 782-0685.