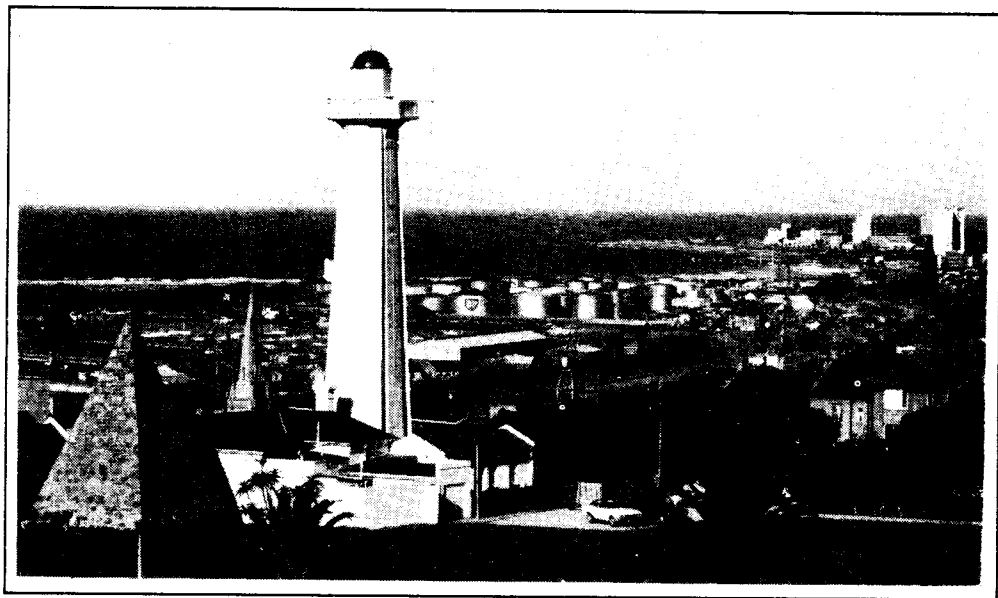


Q S X  
P E



THIS NEWSLETTER IS PUBLISHED BY THE  
PORT ELIZABETH AMATEUR RADIO SOCIETY

P.O. BOX 10402  
LINTON GRANGE  
6015

**April 1998**

# NOTICE OF MEETING

The monthly general meeting of the **PORT ELIZABETH AMATEUR RADIO SOCIETY** will be held on **Friday, 17 April 1998** commencing at 20:00 (8pm) in the Municipal Disaster Management Centre, Westview Drive, Mill Park, Port Elizabeth (Civil Defence Centre).

Viv Moore ZS2VM will tell us something about radio controlled models but, before that, members will have the opportunity, if they wish, to comment on the motions that have been submitted to the SARL AGM and to instruct the Society's proxy, Garth ZS2HB, how to vote on them. Bring your SARL newsletter in which the motions were published.

Refreshments will be available at the tea break.

## *Technical Evening*

The next technical evening will be on Thursday, 23 April 1998, starting at 20:00, in the Clubhouse (Municipal Disaster Management Centre).

The last meeting was a great success, with Chris Scarr ZS2AAW describing how PEARS' renowned linked repeater system hangs together.

At the coming meeting, the main

subject will be "understanding circuit diagrams", which should be of considerable interest to all tinkerers and fiddlers in electronics and radio.

Additionally, a completed LED S-meter unit (as described in the centre pages of this issue of QSX) will be displayed and suggestions will be offered regarding other uses to which this handy device can be put.

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## *Wrinkly Ravers*

Ask someone to remind you of the next get-together on Thursday, 7 May 1998 at the Zwartkops Yacht Club. Let Ken ZS2BWB know, a couple of days in advance, if you plan to be there. The last rave was attended by 15 old geysers, who did justice to the goodies on the menu and made full use of the opportunity to socialize.

This was also the last function to be attended by Gail and Chick Mosley, ZS2SGT/ZS2LM, before they leave for the UK (not Ireland after all, but probably somewhere close – nothing definite yet). They entertained us with a couple of anecdotes. Naturally, they also had to endure a couple of Irish jokes.

## **YOUR SUBS ARE DUE!**

Yes, it's that time of the year again, folks. Subscriptions to PEARS fell due on 1 April, so kindly remit yours to the Treasurer at the earliest opportunity. Remember, you must be paid up before you may vote at the PEARS AGM on 16 May.

Happily, in spite of a considerable increase in costs, notably for the production and postage of QSX and maintenance of our repeaters, your Committee has not recommended an increase in the subs this year.



## *A Word*

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### *From the Chair*

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*T*he time for you to choose has come around again. PEARS will shortly be holding its AGM, and with that comes the chance for you to elect the office bearers for the next year.

Whilst other commitments have prevented some current committee members from being available for re-election, this should be seen as an opportunity for a fresh injection of ideas and enthusiasm from other members that may be available to do a stint.

I look forward to the day that serving on the committee of PEARS is seen as desirable, not as a labour of love. Personally, I have found it to be an enjoyable service to the ham community, especially backed by the regular willing volunteers for those special events.

Unfortunately, the AGM also brings with it the renewal of subscriptions, and this must be done for your vote to be counted at the AGM, so please renew yours. And if you have been waiting for the year-end to come around to start with a full year's membership, we would like to welcome you aboard.

When this reaches the press, the Grahamstown Science Festival will be a thing of the past, but not without a visit from me. Never having been to one of these annual events, I am very interested to see what goes on, so a trip to the Settler City is needed. My thanks go to Ewan, ZS2EN and Phil, ZS2PP for holding the Amateur Radio flag up high at this event, with their weatherfax display. Another example of the willing volunteers...

73,

*Chris, ZS2AAW*

## Monitoring

It is Easter time again, so please monitor the usual channels as much as you can.

## General Meetings

The March general meeting was poorly attended and it is felt that maybe we have meetings too often. It has thus been decided that, in future, Hamnet/ECARES meetings will only be held quarterly, in January, April, July and October. Our next meeting will be held in July.

## Repeater Linking

The antennas for the linking system for the Theescombe and Karreedouw repeaters have now been installed. Thanks to Neil ZR2NT for organizing the mast and support, Ken ZS2OC who provided the antennas and feedlines, and Neil ZR2NT, Peter ZS2PF and Mike ZS2IC who made the concrete base.

Thanks to Neil ZR2NT for helping with the erection of the mast and antennas. Now only the linking equipment needs to be made operational.

## Six Metre Project

The Vee beam for this project is installed and the equipment has been made operational. Here thanks go to Peter ZS2PF, Mike ZS2IC, Neil ZR2NT and Shawn ZR2SC for the antenna installation and to Lionel ZS2DD and Stoffel ZS2C who spent quite some time to get the two transceivers coupled successfully.

The other antenna is being built at present and once this is done the equipment will be installed.

## Social

André ZR2BC has again been in hospital and we are glad to hear that he is doing fine again.

Gary ZR2LG's father recently underwent an operation which appears to have been successful.

73

**Al Akers ZS2U**  
**Provincial Director,**  
**Hamnet East Cape/ECARES**

**FOR SALE**



**WANTED**



**SWOP**

### **WANTED**

\* Two metre FM mobile transceiver; and a Battery box for Icom IC2E – Al Akers ZS2U, tel. 360-2983

### **PERSISTENCE**

*Nothing in the world can take the place of persistence. Talent will not; nothing is more common than unsuccessful men with talent. Genius is almost a proverb. Education will not; the world is full of educated derelicts. Persistence and determination alone are omnipotent. The slogan 'press on' has solved, and always will solve, the problems of the human race. [Source unknown]*

# ANNUAL GENERAL MEETING JAARVERGADERING

The Annual General Meeting of the Port Elizabeth Amateur Radio Society will be held on **Saturday, 16 May 1998**, commencing at **14:00 (2pm)** in the **Walmer Scout Hall, Fordyce Road, Walmer (near 4th Avenue)**

Die Jaarvergadering van die Port Elizabeth Amateurradio Vereniging sal om **14:00 (2nm)** op **Saterdag 16 Mei 1998** plaasvind, en wel in die **Walmer Verkennersaal, Fordyceweg, Walmer (naby 4delaan)**

The Agenda is as follows:

1. Welcome
2. Minutes of 1997 Annual General Meeting
3. Chairman's report
4. Treasurer's report
5. Club awards
6. Election of Chairman
7. Election of Committee
8. Discussion of motion/s
9. General
10. Close of Meeting

Die Sakelys is soos volg:

1. Verwelkoming
2. Notules van 1997 Algemene Jaarvergadering
3. Voorsitter se verslag
4. Tesourier se verslag
5. Klubtoekennings
6. Verkiesing van Voorsitter/voorsitster
7. Verkiesing van Komitee
8. Bespreking van mosie/s
9. Algemeen
10. Sluiting

Please note that any motions that you would like to have discussed at the AGM must be in the hands of the Secretary by not later than the April 1998 general meeting of the Society.

Neem asb. kennis dat enige mosies wat u graag op die sakelys vir die AJV wil laat plaas, die Sekretaris teen nie later nie as die April 1998 algemene vergadering van die Vereniging moet bereik.

## VHF QSO PARTY RESULTS January 1998

A total of 32 stations were involved in the QSO party, 25 in the PE/Uitenhage/Despatch area and 7 in the Border area, which is not too bad!

It was rather disappointing that only five logs from the PE area and one from the Border area were received. It was also disappointing that only three portable stations participated.

Neil ZR2NT said that his family enjoyed the outing thoroughly and he could not understand why more hams do not operate portable in contests. I feel the same.

Here are the results for what it is worth—

### Two Metres

#### **Single Operator Base Station**

ZS2ABU 74 points  
ZS2DD 30 points  
ZS2CH 24 points

#### **Single Operator Portable Station**

ZS2W 231 points

#### **Multi-operator Base Station**

No entries

#### **Multi-operator Portable Station**

ZR2NT 151 points

### Six Metres

#### **Single Operator Base Station**

ZS2DD 17 points

#### **Single Operator Portable Station**

ZS2U 100 points

#### **Multi-operator Base Station**

No entries

#### **Multi-operator Portable Station**

No entries

# MINUTES OF THE ANNUAL GENERAL MEETING OF THE PORT ELIZABETH AMATEUR RADIO SOCIETY, HELD IN THE WALMER SCOUT HALL, FORDYCE ROAD, WALMER, PORT ELIZABETH ON SATURDAY, 17 MAY 1997

## Present and apologies

Attendance as per the attendance register: 45 members, 6 visitors.

Apologies tendered: ZS2DO, ZS2SZ, ZS2SNA, ZS2RG, ZS2MG, ZS2DT, ZS2SD, ZR2JB, ZR2AAX, ZS2XE, ZS2MC.

## Opening

Chairman Dick ZS2RS opened the meeting at 16:10, extending a welcome to everybody. A special welcome to out-of-towners, and to Trevor ZS2AE who was looking well after his recent triple by-pass operation.

A moment's silence was observed in memory of Royden ZR2ABF who passed away during the year.

## Minutes of previous meeting

Correction: ZS2UM did not say that QSX was not a priority.

Acceptance proposed by Chick ZS2LM, seconded by Clive ZS2RT.

## Matters arising

Nil.

## Chairman's report

As published in QSX. Chairman Dick ZS2RS again thanked members for all their support during his term of office.

Acceptance proposed by Trevor ZS2AE, seconded by Beavan ZS2RL.

## Finance

Treasurer's report tabled at the meeting. The Chairman thanked the Treasurer Clive ZS2RT and the honorary Auditor Gus ZS2MC for their good work.

In response to a question by Ken ZS2BWB, Clive said that our bankers were Nedbank.

Acceptance of the Treasurer's report proposed by Chick ZS2LM and seconded by Lynne ZS2MM.

## Motions

The motion submitted by ZS4ABS concerning reduced subs for country members was defeated by a heavy majority.

It was alternatively proposed by Garth ZS2HB that where members experienced difficulty in paying their subs of R50 p.a., they should approach the committee who were to use their discretion. This proposal was seconded by Chris ZS2AAW, and carried unanimously.

## Trophies and awards

The following trophies were awarded:

**VHF** Alex ZR2T  
**DX** Chick ZS2LM.

### **Certificates were awarded to the following:**

*"Ou toppie"*: Allan Ansell ex ZS2AJ and Mike Smuts ZS2XE on their attainment of octogenarian status. (Mike's certificate was accepted by his grandson Shawn Corder as Mike could not attend the meeting)

### Merit:

- Garth ZS2HB for producing QSX and the certificates to such a high standard.
- Al ZS2U for conducting the RAE classes and last year's VW rally.
- Viv ZS2VM for the technical meetings and other input.
- Trevor ZS2AE for assisting with QSX and the repeater systems.
- Julie XYL of Trevor for unfailing support, especially in the food department.
- Chris ZS2AAW for creating the best repeater system in the country.
- Vic ZS2SZ for all his effort in conducting CW lessons, and assistance to new amateurs in general.
- Bill ZS2ABZ for his unfailing assistance in all society activities.

Appreciation: Sandy ZS2LN for all his background assistance with QSX.

### **Election of chairman**

ZS2VM proposed Chris ZS2AAW, seconded by Clive ZS2RT. Unanimous.

### **Election of committee**

The following were elected unopposed (proposer/seconded):

Beavan ZS2RL (ZS2RS/ZS2RT), Clive ZS2RT (ZS2RS/ZS2VM),  
Dick ZS2RS (ZS2AE/ZS2DD), Trevor ZS2AE (ZS2RS/ZS2UM),  
Lynne ZS2MM (ZS2RT/ZS2RL), Des ZR2DH (ZS2RT/ZS2HB).

### **General**

1. Chick ZS2LM offered to assist with CW classes if Vic ZS2SZ wanted a break.
2. Noted with appreciation that Neels ZR2ABT was donating all the proceeds of his boot sale towards QSX.
3. The VW rally was to be held on 18/19/20 July. All members please to note the dates and be available.
4. Neil Thomas thanked Al ZS2U, Garth ZS2HB and Viv ZS2VM for the effort they put into the technical classes.
5. Ken ZS2BWB suggested that packeteers make a donation to Jim ZS2LR in recognition of his effort and use of own equipment in maintaining the BBS. Agreed he would arrange this.
6. Raphie ZS2SP enquired what the outcome was of the SARL motion concerning affiliation of clubs to the SARL. Nobody was sure, but it seemed that it was now at the discretion of HQ.

### **Closure**

Chairman Chris ZS2AAW closed the meeting at 16:55, and members transferred their attention to braai fires and refreshments.



# LED S-METER

VIV MOORE ZS2VM

At one of the recent technical meetings Des, ZR2DH, demonstrated a voltmeter using an LM3914 to give a simple LED readout. This led me to search for an article I had read describing how the device could be configured for S-Meter use.

The LM3914 chip is a monolithic IC which senses analog voltage levels and drives up to ten LEDs, providing a linear analog display that can give either a bar or dot array. The device can operate at any voltage from 3 to 18 volts.

The chip senses changes in the voltage applied to the input and the unit described here has an input range from 0,13 to 1,3 volts, turning the LEDs on in

sequence.

Referring to Fig.1, R1 controls the current going to the LEDs and a value of 1K gives about 10mA of LED current. Each increase of 0,13 volts of input signal produces an output at pin 1 and pins 10 through 18.


You will notice that the display can be placed in the bar or dot mode by connecting pin 9 to either Vcc or pin 11.

The 2,2  $\mu$ F capacitor from Vcc to ground need only be added if the display flickers during operation.

Similar devices are the LM3915, a logarithmic device, or the LM3916 which operates much like a VU meter. At the price of linear meters today this could be a more attractive proposition.

## HOOKUP

Connect only the power points to the receiver power and adjust the 10K potentiometer to light up the first LED, then back off the pot until the LED is just extinguished.

Now connect the input to the non-grounded end of the volume control and watch the LEDs light up as you tune in to a station. 

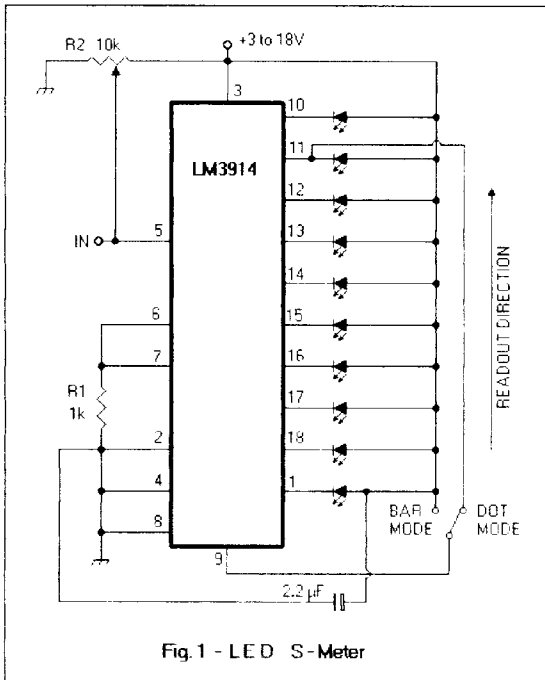


Fig.1 - LED S-Meter



# Aerial Antics

ROGER DAVIS ZS1J

No, I have not bought another aircraft, but I have recently been playing with some different types of antennas and thought I would share some of the results. Having one of the 40 metre traps of my W3DZZ/G8KW trap dipole going faulty, I was left with one good trap of the pair and, thinking of ways I could use just one trap, I decided to make an all-band semi-vertical antenna which is basically one half of the dipole, fed against ground, with the 40 metre section mounted vertically and the 80 metre extension beyond the trap being horizontal.

The ground used was two earth rods driven into the soil and joined with a short copper conductor. Where the traps were removed from the W3DZZ/G8KW dipole, I replaced them with egg insulators which gave me a half-wave centre-fed dipole on 40 metres only, but I could now switch between the reference dipole and the vertical for comparison of various signals.

The results obtained were anticipated but the difference between the two antennas was far greater than I expected. Local signals were as much as 40 dB stronger on the dipole but DX stations were about the same strength, with only one or two being slightly stronger on the vertical. The 40 metre beacon at George, some 90 km distant, was S5 on the dipole but below receiver noise on the vertical.

On 80 metres the antenna appears to work well but, with the low activity during the summer months, it is a little soon to judge its overall performance.

The other afternoon, I was listening to two ZS5 stations on my modified CB rig in the bakkie, and as I wanted to talk to them, I rushed through to the shack and switched on the main station with

the dipole antenna. The signal of one of the stations was very marginal and switching to the vertical antenna made no improvement.

I established contact with both stations and asked them to stand by whilst I went back to the bakkie. Amazingly, both stations gave me the identical signal report from the mobile as on the main station but the station that was difficult to copy on either antenna in the shack was far stronger and more readable in the bakkie. Quite surprising, really, as the mobile antenna is only a 40 metre Zip Whip, with an overall length of 1,3 metres and mounted on the gutter of the bakkie with a gutter mount clamp.

Just to confirm that it was no fluke I drove around the farm and it made no difference as to my location or direction that the vehicle was facing. Going back to the main station, the results were still identical as before. Just out of interest, the SWR on the dipole is 1:1 whilst the SWR on the Zip Whip is closer to 1,8:1.

## Ground conductivity

Subsequent to these tests, I was experimenting with the big vertical antenna and, out of curiosity, I decided to measure the conductivity of the soil

(clay) between the two earth rods that I was using for the vertical. Well, you can imagine my consternation when, using an AVO ohm meter, no resistance could be read between the earth rods although, when I placed a hand on both, I could measure the resistance through my body. I then used a digital ohm meter that can read as high as 200 megohm and still no reading was obtained between the two earth rods.

Taking this to a logical conclusion:

1. the vertical wire antenna had no earth to work against; 2. the half wave dipole on 40 metres, having no conductive earth below it, would have a low angle radiation pattern which would also be highly directive; and 3. this directivity could be the reason that the mobile antenna outperforms the G8KW on most contacts.


The quarter wave vertical is now using a very large, galvanised water tank as the ground and the antenna is now working much better than before, with very little difference between it and the dipole.

### Mobile Antenna Woes

A few months ago Trevor ZS2AZR was portable at Alexander Bay using an Icom into a Hustler 40 metre mobile antenna. At the beginning of an over,

the SWR would be 1:1 but as the over continued, the SWR would creep up until it read in excess of 3:1 and the power output of the Icom would reduce accordingly. After a prolonged transmission, Trevor felt the loading coil and found that the top section of the coil was exceedingly hot.

Subsequently, the outer plastic sheath of the RM-40 coil was removed and the coil was unwound, revealing a scorched section of the phenolic former. What we can only surmise is that water had somehow leaked into the phenol former, changing the insulative properties of the material so that, when excited by RF, it would heat up and change its permeability, which would change the inductance of the coil, which would change the SWR on the wanted frequency.

Whilst going through an old 1943 issue ARRL Handbook, I was surprised to see an antenna that was described for all band operation, which was a 102 ft top section with a set length of open wire feeder, identical to the "G5RV" antenna. On discussing this with Peter ZS2PL, he has found the original article on this all-band antenna that was first mooted by the Collins Radio Company in 1935. Perhaps we should now drop the name G5RV and call it the "Collins Radio Antenna Pattern". 



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# Record Wefax Audio on your PC for later decoding with WXSAT

BEAVAN GWILT ZS2RL

Herewith something that might be of interest to ouks who fiddle with wefax.

From Shawn ZR2SC I got a wefax program entitled WXSAT. Works like a bomb, the nice thing being it takes the audio output from the rig via the pc's sound card. No modems etc to meddle around with. All that's required is mic coax with a mini audio jack either end - plug one end into the rig's audio output, and the other end into the sound card's mic input. Works like a charm, even does it in colour if you so wish.

The problem is that to get a full set of Meteosat pics you need to receive wefax for about 1 hour. Can be rather dull staring at the screen as the pics slowly scroll up, waiting for the one you want. Another is that WXSAT hogs the entire cpu while it's running, and you can use the pc for nowt else.

*Bright idea!* Use Win95's Sound Recorder (SR) to record incoming audio while running in the background, and you can pursue porn etc on the big N while your sound file (type WAV) builds up.


When decoding from an input WAV file, wxsat runs chop-chop ... does an hour's worth in less than a minute. Lekker. Buuuut, the @\$% that wrote SR hard-coded a max recording time of 60 secs, which cannot be altered. Only

way around this is:- Run SR for 60 secs with no input audio. Save the resultant WAV file as BLANK.WAV. Start SR again, run 60 secs, then use Insert menu to insert BLANK.WAV into the currently open temp WAV file.

This expands the open file to 60+60=120 secs. Repeat until required rec time/file size is obtained. Save this new blank magnum file.

To execute magnum recording, start SR, open blank magnum file, start recording. Max recording time is determined by size of blank magnum file. It works, but 'tis a real schlep.

**Much better way:-** on Internet at <http://www.sagebrush.com/~sells/> there resides a program called RecAll. Also takes its audio from the sound card, and file sizes/max rec times are fully user configurable. But the cherry on the top is that recording is VOX controlled. No audio input = no recording = no disk space wasted. Perfect for monitoring traffic on the air! A ham's dream. And it works real good too.

To do all of the above you need minimum of 486+coproc., 16 Mb RAM, 30 Mb hard drive space free + Win95. Proud owners of ZX-Spectrums need not apply. Tjarrie-warrie + 73ss. 



## 70 MHz Band

The good news is that, according to SARL President Chris Turner, we will *not* have to take out separate licences for operating in the new 70 MHz band when it becomes available next year or so. This refutes our report in the October issue of QSX, following a discussion with a SATRA official, that our normal amateur licences would not cover such operation. It seemed odd at the time, but the official was adamant when I repeatedly queried his statement.

The SARL band plan for this band is as follows:

IARU	Usage
<b>70.000</b> Beacons	70.030 personal beacons
<b>70.030</b> SSB and CW only	70.150 Meteor scatter calling 70.185 Cross-band activity centre 70.200 SSB/CW calling
<b>70.250</b> All modes	70.260 AM/FM calling
<b>70.300</b>	

## CW Examiner Gets the Boot

A recent SARL bulletin announced that an official CW examiner of the League, FW Buitendach ZS6BL, had fraudulently certified to the League that four ZR operators had passed the 12 wpm morse test.

Acting on this information in good faith, the League had issued ZS licences to the four, namely Benjamin van Wyk ZR6BVW, Cristine Prinsloo ZR6CP, Simon Prinsloo ZR6SLP and Casper van der Merwe ZR6HI.

It subsequently came to light that the tests had "never been correctly carried out" and the signature of

another authorised examiner had been copied on the test form. (Two examiners are required to conduct a CW test).

The ZS licences issued to the four have been cancelled and their ZR licences suspended for six months. The ZS licence of Buitendach has been suspended for 12 months and he has been struck off the register of CW examiners. He will also no longer be allowed to hold any position of authority in the SARL.

Judging by comments heard from time to time this might not be a unique incident. The fact that candidates no longer have to actually use CW and so demonstrate their competence paves the way for this sort of thing.

Perhaps occasional spot checks should be carried out on candidates. Most examiners would be happy to show that their integrity cannot be questioned.

## Trophies to be Returned

If you are in possession of any of the Club's trophies, kindly return it to Clive or Lynne so that it can be prepared for presentation to the next recipient at the AGM.

## SARL Electronic Newsletter

The SARL expected to issue another electronic newsletter recently and also post copies to all members. It will contain notices regarding the League AGM and peripheral activities, the motions etc. Unfortunately one motion submitted from PE lost a line or two, rendering it a little ambiguous.

Proposing that councillors should all reside within a reasonable distance of Johannesburg, one paragraph should read: "Nevertheless, a system could be

considered whereby each Councillor, even though he resides in Gauteng, actually does serve as a representative for a specific district. Each district could elect a local regional representative who would liaise with the Councillor to whom his district is attached...

The words in italics were omitted by HQ. Please bear this correction in mind when you receive your SARL newsletter.

### **Change of Address**

We often have copies of QSX returned to us due to members having changed their postal addresses without notifying us. After ascertaining the new address, the copy is despatched again with fresh postage.

*Please don't do that to us!*

### **Valves for Africa**

Chick ZS2LM donated a large quantity of new and good used valves to the Society when he cleared out his QTH in preparation for his move to the UK. If you need any valves, contact Trevor ZS2AE to ascertain whether the type you want is available.

A small charge is made for the valves, which goes to Club funds.

### **SARL New Telephone No.**

The SARL office has a new telephone number – (011) 485-4314. The fax number remains unchanged, i.e. 484-2831

### **600 Repeater Revives Itself**

For some strange – almost uncanny! – reason, the Cockscomb repeater on 145.000/600, which has been dead for many months, suddenly came back to life recently and many QSOs have been had on it, albeit a little scratchy at times.

Our otherwise intrepid Repeater Maintenance Crew have been hesitant to take on this mountain – the highest in the area. I believe – as it is a real

schlep and slog on foot for a considerable distance after parking the vehicle.

Carrying a replacement set of batteries up a rocky mountain path is not a nice way to spend your day. In any case, we have a great alternative repeater network, so the 600 has not been missed all that much.

### **Sunsat Launch**

It is now hoped that this Stellenbosch University-designed and built satellite will be launched on 27 November. It was originally scheduled for launch in August 1997 but this had to be deferred. It will be appropriate, however, for it to go up during South Africa's Year of Science and Technology.


### **PEARS Buys Bricks**

As reported on page 11 last month, a sister club initiated a "buy a brick" campaign to boost the SARL building fund. "Bricks" can be "bought" at R500 a time, which secures a place for your name on a plaque in the HQ building.

PEARS decided to contribute to the future of the SARL and Ham Radio by buying two bricks. If you would like to help – donations of any size will be more than welcome – please send your contribution direct to SARL Headquarters at PO Box 807, Houghton 2041.

### **Schools get Ham Radio Programme**

A 30-minute programme for schools, entitled *Talking Science with Amateur Radio*, is being broadcast on the SABC's 7205 kHz (41 metre broadcast band) transmitter at 10:00 on Mondays and Tuesdays, and at 11:00 on Thursdays and Fridays.

This is probably the first regular SARL activity directed at the youth in which technology, rather than merely communicating, is presented as the main drawcard and it is to be commended. 

# Congratulations...

## on your birthdays:

April

- 20 Trevor Scarr ZS2AE  
Joey Pettit XYL of ZS2ABU
- 22 Marge van Loggerenberg XYL of  
ZS2LR  
Allan Bowles ZS2BO
- 23 George Bowes ZS2QN
- 26 Soekie Moolman XYL of ZS2KU
- 28 Chris Scarr ZS2AAW
- 29 John Hugo ZS2J
- 30 Louis Jordaan ZR2J

May

- 1 Marge Weller ZS2OB
- 6 Wim van Vorstenbosch ZS2WV  
Anne Marie Smithers  
Joan Browne XYL of ZS2BY
- 8 Clive Hopkins
- 9 Chick Mosley ZS2LM  
Sean Allen ZS2SNA
- 10 Attie Barnard ZR2DY  
Jerome Putter ZR2JP
- 11 Shirley Cockbain XYL of ZS2TC
- 12 Elizabeth Oliphant XYL of ZR2BC
- 15 Merle Jordaan XYL of ZR2J
- 16 Dot Plumridge XYL of ZS2VP
- 17 Keith Olivier ZR2AAX

## on your anniversaries:

April

- 21 Elizabeth & Joe Jasson  
ZR2EJ/ZR2JLJ
- 29 Hanni and Gerhard Baum  
ZR2JB/ZS2UM

May

- 2 Shirley and Gus Winter ZS2MC
- 9 Evadne and Haydn Pearse

## on your engineering diploma

Andrew Bowles ZR2ABB. We believe you're going to take it further and we wish you good luck!

*Sick list:* Mike Smuts ZS2XE had a short stay in hospital with a bout of internal bleeding but fortunately was discharged quite soon and is doing fine, while Peggy, XYL of Viv ZS2VM was in for an operation and was home again by the time this issue hit the streets.

*New Member:* Welcome to Jim Duck, who has joined the Club. We know you will enjoy your stay with us, Jim.

*Farewell:* As reported previously, Gail ZS2TM and Chick Mosley ZS2LM are leaving for the UK on 16 April. They thank all their friends in the Eastern Cape for making them feel so welcome in our circles, for the help that they have received from many quarters, and for the spontaneous camaraderie that they enjoyed at all times.

In return, we thank you, Chick and Gail, for the time that you spent with us and for the help that you gave newcomers to our scene. Go well, and let us know your new calls when you get settled in Blighty.

## **Some Web Sites to check**

[users.iafrica.com/g/gl/glaaks/](http://users.iafrica.com/g/gl/glaaks/)  
(PEARS info, QSX-PE etc)  
[www.ik1sld.org](http://www.ik1sld.org) (I have not tried it yet but believe it has some interesting ham-related stuff)  
[www.sarl.org.za](http://www.sarl.org.za) (useful SARL stuff)

## Your Society's Committee

Chairman, Repeaters, Packet.....	Chris Scarr ZS2AAW	38-1344
Vice Chairman: Social .....	Dick Schönborn ZS2RS	38-5070
Secretary, Awards .....	Beavan Gwilt ZS2RL	30-6968
Treasurer, Assets Control.....	Clive Fife ZS2RT	32-3203
Social - Assisting with Assets Control .....	Lynne Crothall ZS2MM	35-4671
Ex-committee – refreshments at meetings .....	Bill Hodges ZS2ABZ	51-2580
QSX Manager & distribution.....	Trevor Scarr ZS2AE	32-1746
Ex-committee – QSX Editor & layout .....	Garth Laaks ZS2HB	38-1101
Technical Classes .....	Des Herselman ZR2DH	54-2911 (W)
		Cell 083 261 5402 (All Hrs)

## PEARS' VHF & Other Services

### REPEATERS

Town VHF.....	145,050/650	Karecdouw.....	† 145,125/725
Town UHF.....	431,050/438,650	Knysna.....	*145,075/675
Cockscomb.....	145,000/600	Lady's Slipper.....	*145,100/700
Cradock.....	145,050/650	Uitenhage.....	145,075/675
Grahamstown.....	*145,150/750	Theescombe.....	† 145,175/775

\* These form PE's long-range 2-metre repeater system, to which the East London 145,125/725 MHz repeater and the George repeater on 145,100/700 are also linked.

† These are privately owned repeaters and are not included in the PEARS linked repeater system.

### OTHER SERVICES

Packet Bulletin Board (ZSØNTP).....	144,625
Packet Rose Switch ZSØGHT-3,046101 (144,675 in/out) or 046102 (UHF out to BBS).....	144,675
2m Beacon (ZS2VHF CW ID) (horizontally polarized).....	144,410
6m Beacon (ZS2SIX CW ID) (horizontally polarized).....	50,005
6m Simplex Link with Lady's Slipper 2m Repeater (vertically polarized).....	51,400
Wefax Relay (Meteosat).....	145,350

## Sunday Bulletins

PEARS bulletins are transmitted on Sundays immediately after the SARL English transmission, i.e. at about 08:45, on 7098 kHz as well as the 2 metre linked network that provides coverage from East London to George and environs via the linked repeater system described above. PEARS' 7098 or 3640 kHz transceive facilities are also remotely linked as needed. In addition, the SARL's 40m transmissions on 7082 or 7066 kHz, alternatively 7070 kHz, can be remotely patched into the 2m network, either in receive only mode or for full transceive capability for interactive events.

Date	Prepare and Read on 2m Rptr link
19 Apr	ZS2AAW
26	ZS2RS
3 May	ZS2RT
10	ZS2AE
17	ZS2MM
24	ZR2DH

## DIARY DATES

### APRIL

- 17 PEARS Monthly Meeting
- 23 Technical evening
- 26 Marconi Day

### MAY

- 2 SARL AGM
- 7 Wrinkly Ravens luncheon
- 10 SARL 10m QSO Party

★ *We Like Being Your Society!* ★