

THIS NEWSLETTER IS PUBLISHED BY THE  
PORT ELIZABETH AMATEUR RADIO SOCIETY

Web site: [pears.8m.com](http://pears.8m.com)

e-mail [glaks@iafrica.com](mailto:glaks@iafrica.com)

P.O. BOX 10402  
LINTON GRANGE  
6015

**September 2000**

# NOTICE OF MEETING

The monthly general meeting of the PORT ELIZABETH AMATEUR RADIO SOCIETY will be held on **Friday 15 September 2000** commencing at 20:00 (8pm) in the Municipal Disaster Management Centre, Westview Drive, Mill Park, Port Elizabeth (Civil Defence Centre).

There will be a belated rally debriefing (there was no business meeting in August), when operators will have the opportunity to highlight any difficulties that they may have encountered and which can be taken into account in future planning.

Alex ZR2T, who rode in one of the official rally cars (Car 00), took his video camera along and taped a good deal while hurtling around the route. He will put this on for us at the meeting, which should be well worth viewing.

Finally, Neil Thomas ZR2NT will give us a talk on welding. This should be useful for those who 'roll their own', whether amateur radio related or not.

Tea, coffee and bikkies will be available during the break.

## Wrinkly Ravers **Good News!**

The next rave will, after all, again be held at the Zwartkops Yacht Club, i.e. our old haunt! It will take place on **Thursday, 5 October 2000**.

As you will have heard, the Zwartkops Yacht Club sold their clubhouse and we were told that there would no longer be any catering facilities. However, we are glad to report that the new owners of the building have not only made extensive enhancements to the property but they have also laid on a number of attractions, including catering with a larger menu at - wait for it - very favourable prices!

Among the other attractions are a pleasure ferry and several pedalcraft on the river as well as go-karts for the kiddies, so members, especially those with children, can consider this spot for a Sunday outing and dinner for the family.

The get-together in the Jeffrey's Bay area - actually at Aston Bay - had not yet come to pass as we went to press, so we cannot report on it this month. However, Peter ZS2PL arranged a venue at a restaurant on the beachfront near Marina Martinique and we trust that the Wrinklies, with a goodly representation from JayBay, AyBay, HuDorp and environs will enjoy the outing, with good weather thrown in for good measure. Thanks, Peter!



## Instant Printing

FOR ALL YOUR  
PRINTING REQUIREMENTS

9 St. Patricks Road, Port Elizabeth 6001

Telephone: (041) 585-2614

**Try us for your QSL cards!**





## *The* *Chairman's Chat*

**O**ne of the corner stones of our hobby and radio communications in general, is good radio procedure and good manners towards other users of the medium. The alternative is chaos.

At its meeting on 14 August your committee had occasion to discuss a series of packet messages, some of which were extremely crude and offensive. The originator of the crudities was a ZR6, and the committee forwarded copies of the messages to the SARL for follow-up with SATRA, our feeling being that the offender's licence should be withdrawn. There is no place in our hobby for people who do not know how to behave.

Unfortunately some instances of questionable radio procedure by PEARS members have been heard on the VHF network at times. A few examples that come to mind are going on the air when you are in no fit state to drive a car, talking over other stations whose signals into the linked repeater network are weaker than yours, and launching into an over after the bulletin when the newsreader has clearly asked for call-signs only. PEARS has a reputation as one of the better clubs (if not the best!), so please let us not tarnish that image.

During the bulletin of 20 August the newsreader (Greg ZS2RE) read out a list of seventeen call-signs of members who had assisted with the VW Rally, these being the lucky winners of a bottle of red wine each. The recipients were asked to contact me telephonically to arrange collection. You guessed it – after two days not one person had phoned. Draw your own conclusions! (You can read the story behind the gift of red wine elsewhere in this issue of QSX).

Thanks to Greg ZS2RE for organising the social on 18 August, and to Ewalt ZS2EHB for providing some first class music. To those that could not be there, you missed an enjoyable evening.

73,

***Beavan ZS2RL***

# HAMNET / ECARES NEWS

## NATIONAL EMERGENCY ALARM RADIO SYSTEM: NEAR

The NEAR system and its associated Disaster Management channels were planned to provide a much wider service for Essential Services communications for TLCs in underdeveloped areas.

It is concerned with flood reporting and control, fire reporting and control and general essential services of TLCs and District Councils.

This called for a re-organization of the DM channels and their use. The band plan appears at Annexure A. The dividing line between the Eastern and Western zones of the Eastern Cape is 28°E longitude

Farmers and rural householders use only Ch 40 for calling and 41 and 42 for general working.

SAPS stations will stand by on Ch 45 (67,125 MHz) for calls from other users. SAPS may make contact with private users by calling them on Ch 40 (67,000 MHz) and then moving to Ch 45 or a channel nominated by the called party as a working channel.

In the western zone, Ch 46 (67,150 MHz) is used solely by Western District Council Disaster Management. In the Eastern zone this channel is used by single frequency repeaters at Port St. Johns and the Wild Coast District Council.

Commandos use Chs 47, 48, 49 and 50 for their own command and control. Members of the Commandos may equip their private licensed NEARNET radios with the channels in use in their area. Users who are *not*

members of the Commandos may *not* do so. The Commando is responsible for the orderly use of these channels.

It is stressed that Chs 40–46 are designated for Disaster Management use in whatever manner the DM authorities decide in a particular emergency.

These channels are *not* solely 'farm channels' as some believe. Farmers and rural householders should use only Chs 41 and 42 for roll calls and the like, after alerting their members on Ch 40.

Ch 44 is designated for use in aeronautical search, rescue and relief operations as well as fire and flood relief co-ordination.

**Radio Amateurs:** As requested by SAPS, these persons have agreed to assist with communications during emergencies to a greater extent than heretofore. In order to interface between amateurs (HAMNET and ECARES), official NEAR radios have been placed with selected members.

They will stand by on Ch 40, on which the SAPS will alert them, whereafter they move to Ch 45 to communicate with SAPS. As these radios are under military control as their property, they need not be licensed as private radios.

Annexure A appears on the next page.

73,

**Al Akers ZS2U**

**Provincial Director,  
Hamnet East Cape/ECARE**

**ANNEXURE A**  
**NEARNET CHANNEL ALLOCATIONS**

PRIVATE RADIO CH No	NEAR BAND CHANNEL	FREQ	ACCESS	SERVICE
00 / 1	NEAR	NEAR	Coded	ZVEI encoded for ACS access
1 / 2	40	67,000	Open	Standby and calling channel - All emergencies
2 / 3	41	67,025	Open	Working channel - All emergencies
3 / 4	42	67,050	Open	Working channel - All emergencies
4 / 5	43	67,075	Open	TLC and Municipalities. Disaster Management Essential Service
5 / 6	44	67,100	Open	Major Incident Control. Aeronautical, Fire, Flood. Essential Svces
6 / 7	45	67,125	Open	SAPS Stations Standby and Working Channel
	46	67,150	Open	Western District Council in Western Zone. TLC and District Councils in Eastern Zone
Comdo	47 48	67,175 67,200	Open	Comdo C&C
Comdo	49 50	67,225 67,250	Open	Comdo C&C

**Note:** The allocation of Ch 45 as a SAPS standby and working channel is intended to allow the SAPS offices to enjoy a 'silent' listening mode until they are actually required by another station without being disturbed incessantly by other stations calling one another. This led to SAPS radios often being switched off or the volume turned too low to hear calls intended for them. The SAPS member on duty should, however, from time to time call into the local network to test the communications.

# JOTA NEXT MONTH

We have been approached by Wayne Roberts, Commissioner for Scout Programmes in PE, to participate in this year's Jamboree On The Air, which is set down for the weekend 14/15 October.

He suggests, however, that we concern ourselves only with the Saturday (14th) between the hours 10h00 and about 15h00. Experience in the past has shown that interest among the scouts and guides wanes after the first few hours, especially in view of the relative sparsity of JOTA stations on the air in recent years.

In fact, for the last couple of years PEARS has not participated in JOTA because of the serious lack of enthusiasm among the youngsters for whom the event is actually organized. A lot of work goes into carting equipment to and from a selected JOTA site and erecting, operating and dismantling a station. Unless the scouts and guides show sufficient enthusiasm, the whole effort is a great disappointment.

This year, Wayne Roberts plans to whip

up some interest and suggests that we run two HF stations in Port Elizabeth as well as one each in Port Alfred and Grahamstown. He will ensure that the scouts and guides get involved in the operations, possibly even erecting poles for the antennas etc.

PEARS has agreed to participate again this year and, naturally, would like to hear urgently from volunteers among the hams in PE, PA and Grahamstown who are prepared to assist. Although we hope to run HF stations, VHF will also be used to advantage and ZRs can thus be of great assistance. Hams are also required to explain to the youngsters what ham radio is all about and what is happening during the QSOs.

Volunteers are asked to contact Ewalt Bouwer ZS2EHB as soon as possible. His telephone number is 933-3482.

## FM DX CHANNEL (*Horizontal polarization*) — 144,400 MHz

<b>TIME SCHEDULE:</b>	<b>1830 – 2030</b>	<b>West towards Cape Town</b>
<b>(depending on</b>	<b>1845 – 2045</b>	<b>North towards Welkom</b>
<b>WX conditions)</b>	<b>1900 – 2100</b>	<b>Northeast towards Durban.</b>

(as seen from Port Elizabeth)

## FOR SALE ★ WANTED ★ SWOP

### FOR SALE

\* Midland 70-340B commercial style **mobile FM transceiver**, 30 channel capacity, programmed for 2 metre band, 40 watts, R600 negotiable – **Gary Laaks ZR2ABU**, tel. 368-7878 (h) or cell 082 774 0174

\* Kenwood **TS440S HF transceiver** with matching power supply and mic, with remote scanning; Hi-gain TH3 Junior **triband beam** 20/15/10m; **Rotator** (no control box); Kenwood TS2400 synthesized **2 metre handheld** with separate mic with remote scanning. All with **manuals and circuit diagrams**. What offers? – **John Rivers ZS2DO**, tel. 367-3012 pref. after 6pm or weekends.

## MEMBERS ENJOY DINNER DATE

Some 32 members attended the dinner at the Zwartkops Yacht Club clubhouse that replaced our August PEARS meeting. It goes without saying that they enjoyed themselves in the typical PEARS tradition.

The food was good, the company was good, there was much joking and other nonsense and, with his one-man band, Ewalt ZS2EHB provided excellent music for listening and dancing. His vocals equalled anything you hear on TV and bettered much of

it, so he should really think of cutting a CD some time.

The lucky draw, which amounted to R160, was won by Elize, YL of Garth ZS2HB (ticket No. 9), and bottles of good quality red wine were won by 24 members who had helped with communications for the VW Algoa rally. The wine had been donated by a rallyist – see *Rally Bonanza* elsewhere in this issue.

Hearty thanks to Greg ZS2RE for initiating and organizing the evening.



*L to r at table – Maureen Fulton, Vicky Ansell, Neil Fulton ZS2MG, Allan Ansell, Judy and Ken Tremeer ZS2BWB*



*Ewalt Bouwer ZS2EHB entertains the party with his one-man band*



*Elize receives her prize in the lucky draw from Greg ZS2RE*

# TWO UNUSUAL BEAMS

By Viv Moore ZS2VM

Looking through my scrapbook I came across these sketches of two unusual but useful beam antennas for two metres. The first, which I call a "semi-beam", could find ready applications for flat-dwellers and others who have to hide their antennas in the attic. However, being more compact than its full-size counterpart, it could be equally convenient for the caravanner. The second antenna, which temporarily converts a J-pole into a beam, is clearly attractive to the latter and also to the 'stationary mobile' operator.

## The Semi-beam

The most common antenna used by hams is a dipole one half-wavelength long at its operating frequency. We also use vertical antennas, however, which are only a quarter wavelength long. The matching half of the 'dipole' comes from an effective 'reflection' of the vertical element by the earth or ground-plane on which it is mounted.

In the semi-beam described here, the elements are only half as long as those normally used, and each is mounted on end on the metal boom. The missing halves of the elements are provided by the 'reflection' in the metal boom.

The boom and elements can be made of aluminium, although copper tubing for the driven element and gamma rod would facilitate soldering the ends of the shorting bar and connection of the capacitor to the rod.

Encase the capacitor in a plastic box or a container from a 35 mm film and seal the two points at which the wires between capacitor, SO239 and gamma rod enter the container. Similarly apply sealant around the lid or cover, which should be fitted after adjusting the trimmer capacitor and shorting bar for lowest SWR. Glue the container securely to the boom.

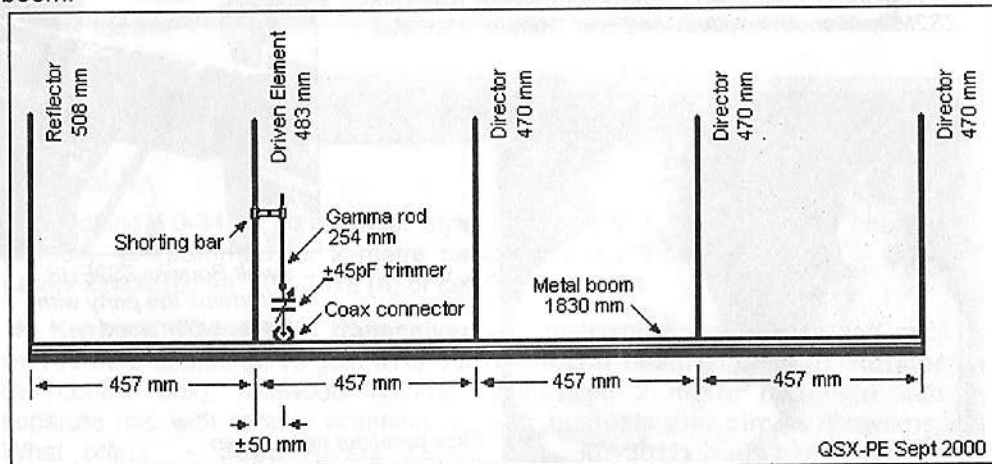


Fig. 1 - Construction of the 'semi-beam'



## The PortaJay

Fig. 2 shows the construction of a beam that uses a J-pole antenna as the driven element. The J-pole can easily be attached to or removed from the rest of the assembly, converting it into a beam or restoring it to a stand-alone vertical antenna.

The wooden or plastic reel fitted to the J-pole should fit snugly into the cutout on the yoke that is attached to the wooden boom. Careful shaping of the cutout would allow the reel to 'snap' into the gap and remain there.

Alternatively, a stout rubber band could be stretched across the mouth of the yoke after the reel is in position (notches filed into both sides of the yoke would keep the rubber band from

slipping off). You can, of course, think of several other ways of securing the reel.

In use, the reflector and director elements are rotated around the J-pole to direct the antenna to the required station. The reel on the J-pole serves as the bearing on which the assembly rotates.

If the J-pole is to be used as a stand-alone antenna you could provide a fitting at the bottom of the unit to match whatever base you intend to use.

For mobile use, a *short* length from the shank of a 3/8" x 24 bolt would match the common ball mounts used by several makes of antenna, but note that *the antenna must not be fed via*

*the ball mount!*

There should, in fact, be *no* cable connected to the ball mount if one is used as a supporting device.

The antenna is fed via its own coaxial cable, which should be attached as indicated approximately 50 mm up from the bottom of the antenna.

The precise position must be determined by trial and error to obtain the lowest reading on your SWR meter. □

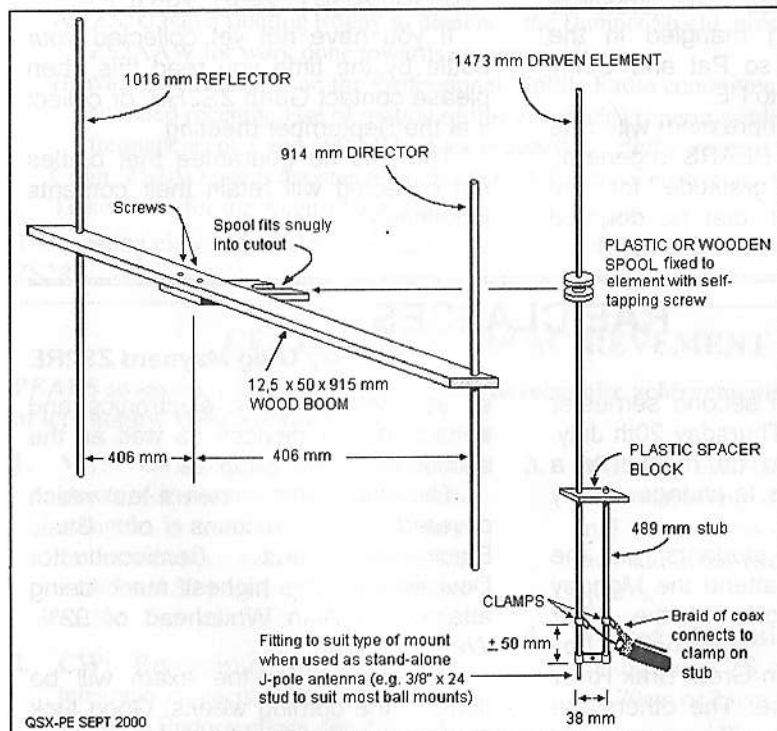


Fig.2— Method for adding elements to temporarily convert a J-pole antenna into a beam.

## Rally Bonanza

from Beavan, ZS2RL

On the Saturday of the VW Rally, there was some drama in Stage 12. Pat ZS2PJP and XYL Ginny ZS2GIN were on duty at '12 Finish', and it was reported to them that a vehicle had rolled in the stage and that there were injuries.

The stage was temporarily closed, ambulances were dispatched, and Ginny (who was operating the radio at the time) had to deal with a flurry of traffic. From the perspective of Control, Lynne ZS2MM and myself felt that she was handling it like a pro.

It turned out that the navigator of the rolled vehicle, Mark Pimm, had some damaged ribs. His erstwhile transport was lying mangled in the forest somewhere, so Pat and Ginny gave him a lift back to PE.

Mark was so impressed with the comms provided by PEARS in general, and also out of gratitude for the assistance received, that he donated two cases of red wine to PEARS.

Your committee felt that the fairest way of dealing with this gift was to put the names of all those that assisted with the rally in a hat, and draw out as many names as there were bottles of wine.

The lucky draw was held at the social on August 18, and quite understandably not all the winners were present.

*At the time of going to press the following persons have not yet collected their bottle of wine from me -*

ZS2P ZS2SZ ZR2ABT ZS2BH  
ZS2C ZR2BCS ZS2WG ZS2AB  
ZR2JH ZS2RT ZS2D ZS2JLJ.

If you have not yet collected *your* bottle by the time you read this, then please contact Garth ZS2HB, or collect it at the September meeting.

There is no guarantee that bottles not collected will retain their contents indefinitely!

---

---

## RAE CLASSES

By Greg Maynard ZS2RE


The RAE for the second semester of 2000 started on Thursday 20th July. The classes had to be moved to a Monday evening due to changes in my Technikon timetable.

There are 12 students on the course: 9 students attend the Monday evening lectures, one of the other students is studying by correspondence from Great Brak River in the Western Cape. The others are studying on their own with our material.

The students have so far covered

all sections on basic electronics and semiconductor devices as well as the section on Power Supplies.

They have also written a test which covered the sections of Basic Electronics and Semiconductor Devices with the highest mark being attained by Alan Whitehead of 92%. Well done Alan.

Registration for the exam will be done in the coming weeks. Good luck to all the students and enjoy the rest of the course. 

# MINUTES OF THE MONTHLY GENERAL MEETING OF THE PORT ELIZABETH AMATEUR RADIO SOCIETY, HELD AT THE MUNICIPAL DISASTER MANAGEMENT CENTRE, MILL PARK, PORT ELIZABETH ON WEDNESDAY, 19 JULY 2000

**Welcome:** The chairman welcomed those present, especially the new faces. Welcome to all the visitors that we don't see until rally time each year!

**Present & Apologies:** As noted in the attendance register.

**Minutes of the Previous Meeting:** Proposed: ZS2MC, Seconded: ZS2RE.

**Matters Arising:** None.

**Finance:** The financial manager reported on the sound state of the Society's affairs.

**Correspondence:** Cheque (donation) for R5000.00 from AMSC.

Membership application from ZS2BW.

Membership application from Bernie Ginsberg ZS6ABU of Nelspruit.

## General:

Launch of "Frequency": Nothing has materialised. In light of the Rally activities, there was no manpower available. Maybe set up a station the following weekend?

Meeting not supportive.

Ralph ZS2IV - BRC have deposited R100 towards Scifest costs.

Al, ZS2U had a floating trophy to present – the Hamnet Shield, presented to Chris, ZS2AAW for work done towards communications.

Beavan gave feedback on the Professional Mobile Radio committee meeting that he attended recently. Use of mobile radios in vehicles is permissible, between the frequencies of 2 and 500 MHz. Law is aimed at cellular users.

Colin, ZS2AO needs assistance on the WEFAX receive converter. Chris offered.


Ticket sales for the August bash available from Trevor.

The meeting closed at 20h15. Thereafter the rally briefing was handled by Beavan, ZS2RL

---

## CERTIFICATES OF ACHIEVEMENT

**PEARS sponsors a number of certificates to recognise achievements in various facets of our hobby. Here are the basics**

- 1. VHF:** On achieving a minimum of 50 points (derived from contacts with stations in various grid squares). Endorsements available for each additional 50 points up to a maximum of 200.
  - 2. CW:** Recognising two-way radio-telegraph contacts with fifty *different* stations. Endorsements for 100, 250 and 500 contacts. A new certificate will be issued for 1000 contacts.
  - 3. QRP:** For establishing contacts with stations in twenty *different* grid squares on 5 watts or less. Endorsements for each additional twenty up to 100 grid squares.
  - 4. Worked All Divisions:** Contacts with stations in all ZS divisions 1 to 6 on 2m, 70cm or 23cm (single-band only).
- For a full set of conditions, contact Beavan ZS2RL or any committee member.* 

# PEARStalk

## PIRATE ALERT

The SARL reported in a bulletin that they had received complaints about the use of fictitious amateur call signs on the air by three unlicensed individuals. Their HF Manager contacted the national societies in the three countries concerned and two confirmed that their telecommunications authorities had not issued the call signs.

The HF Manager also received an e-mail from the father of the third person (3DA0AT) who apologised for what had happened and stated that his son would not be active on HF again. His son is now in Trinidad. (The SARL report did not say whether the son holds any legal amateur callsign).

The other two call signs mentioned are not valid and are being used illegally. One is HP3PRB, whose name is Pieter and he is aboard the *Alchemy*. He is heard on 14,316 and 21,316 MHz.

The other, TI3HM, is Marlese on board *Telkentar* and the station is heard on 7,045 and 14,316 MHz.

The frequencies 7,045, 14,316 and 21,316 MHz have been adopted by the international yachting fraternity for exchanging weather reports with land stations (such as ZS5MU and ZS5GC in South Africa) and with one another as well as for general chitchat with other yachties on matters of common interest.

Unfortunately, these are not the first instances where yachties have adopted their own call signs and they will not be the last! Once they have been identified as illegal, your own licence is in jeopardy if you communicate with them, so be warned – do not engage in QSOs with these stations.

## VULGARITY ON PACKET

The Society's attention was drawn to a number of packet messages sent by a ZR6 licensee as open bulletins but actually intended as a response to a message placed earlier by a local member. They contained grossly vulgar and offensive comments.

After consideration at the August meeting, since the offending operator is not a member of PEARS, it was decided to pass copies of the messages to the SARL for their insight and attention. We expressed the view that the SARL should refer the matter to the Authorities (ICASA) with a recommendation that the ZR6's licence be cancelled. We asked the League to let us know the outcome.

Ham Radio does not need *that* kind of person in its midst.

The local operator's single message, although not entirely impeccable, called for only a light rap over the knuckles from the Society.

## NEW PEARS AWARD

PEARS has agreed to a proposal by Mike Bosch ZS2FM to make available a certificate to be known as the "Worked All Divisions" award. It will be for VHF and UHF prowess: the applicant will have to provide proof of having worked at least one station in each of the RSA divisions 1 to 6 on two metres, 70 cm or 23 cm. All contacts must be two-way on the same band. Contacts on or after 1 January 2000 UTC are valid.

The award is available for members as well as non-members. Applications, with QSL cards confirming the contacts, must be directed to PEARS at the address on the front cover of QSX.

Mike has offered to present, out of his own pocket, the latest ARRL Handbook to the first operator to receive the award on each of the three bands. This offer, however, expires at the end of 2004.

## GREMLINS

Studying the diagram in last month's article on a 70cm Slim Jim, we noticed that two dimensions were shown with incorrect scientific notation –  $\lambda/2$  and  $\lambda/4$  instead of  $\lambda/2$  and  $\lambda/4$ . However, the dimensions were also given correctly in figures.

Why aren't we so observant *before* it gets into print?

## DONATION

Thanks to Trevor ZS2AZR for a R35 donation to PEARS. He had provisionally reserved a ticket for the dinner at the Zwartkops Yacht Club on 18 August but had to cancel before the closing date for reservations. Although therefore not obligated, he nevertheless passed on the cost of a ticket for PEARS funds.

## BULLETINS ON THE LINK

It was decided recently to disconnect the 2 metre link at the east/west switch between George and Riversdal at 07h30 on Sundays. The three bulletins from Western Cape, Border and PEARS, plus the relays of the Afrikaans and English SARL bulletins, have occupied the linked repeater system for as much as two continuous hours every Sunday.

It was felt that the Western Cape hams are not especially interested in bulletins from our neck of the woods, and that similarly the Eastern Cape and Border users may not want to hear the Western Cape bulletin. Moreover, the BRC, with which PEARS has a greater community of interest, now starts its bulletins at 07h45 instead of 08h00.

Although we have members in the

Western Cape, all those who report in are active on HF and can access the 7098 kHz bulletin frequency, where conditions have again been good for some time.

The east/west switch can be restored, if required, when the PEARS after-bulletin net ends – usually around 09h30.

## SCIFEST NEXT YEAR

We have been invited to participate again in the Science Festival in Grahamstown from 28 March to 3 April next year.

At the July meeting the members eagerly accepted the invitation. However, we do not want to again be accommodated down in the city, as we were this year, because it is not conducive to good communications.


We have been given to understand that the organisers will indeed accommodate us at the Monument, where we will be able to install antenna systems with a good take-off and demonstrate an interesting variety of amateur radio on-air activities.

## THINK ON THESE THINGS

Beavan ZS2RL has bought a GPS unit for use when he and Mel go bundu-bashing. He was intrigued to read how the thing determines its position with extreme accuracy.

It not only tells your *position*, but also the *time*, which it determines from the atomic clocks of the satellites – and the instruction booklet claims an accuracy of *one second in 70 000 years!*

Beavan is no fool, however, and is keeping the guarantee just in case the unit doesn't live up to its claim.

XYL Mel thinks he has wasted a lot of money. She says nobody lives for 70 000 years so why didn't he buy a cheaper unit guaranteed for a second in only *one hundred years?* 

**Condolences** — We extend our condolences to Izak van Aarde ZS11, whose XYL passed away on 11 August after a long illness; also to Joey & Des Pettit ZS2ABU and Bernice and Bryan Marshall ZS1NQ on the loss of loved ones last month.

# Congratulations...

## on your birthdays:

### **September**

- 19 Roger Davis ZS1J
- 20 Pierre Knobel ZS2ABC
- 20 Van van der Merwe ZS2JC
- 20 Gideon Grobbelaar ZS2ZS
- 20 Martie van den Berg XYL of ZS2VV
- 22 André Mulder ZR2A
- 22 Garth Moore ZS2AAR
- 26 The Other Garth
- 27 Ewalt Bouwer ZS2EHB

### **October**

- 5 André Roets
- 6 Colin Ashwell ZS2AO
- 7 Francis Roberts ZS2HE
- 8 Vanessa Scarr ZR2VM
- 8 André Oliphant ZR2BC
- 8 Raphey Schauder ZS2SP
- 9 Pamela Koen XYL of ZR1JAC
- 9 Ewan Mathieson ZS2EN
- 12 Neil Thomas ZR2NT
- 13 Peet van Heerden ZS2BX
- 13 Santie Greyling XYL of ZS2ACG
- 15 Morag Corrans YL of Greg ZS2RE
- 16 Greg Maynard ZS2RE

## on your anniversaries:

### **September**

- 17 Beryl & Bryan Haefeie ZS2BH
- 22 Anne ZR2ABC & Vic Olivier ZS2SZ
- 23 Joey & Des Pettit ZS2ABU
- 28 Marjorie & Dudley Forsyth ZS2AW
- 28 Hettie & Gerald Taylor ZS2AAX

### **October**

- 3 Maria & Anthony Marran ZR2AI
- 3 Susanna & Mike Bosch ZS2FM
- 4 Carin & Mark Hugo
- 6 Judy & Ken Tremeer ZS2BWB
- 9 Kay & Fred Strutt ZS2JS
- 10 Joan & Bill Browne ZS2BY
- 13 Louise & Pierre Knobel ZS2ABC



**Welcome to New Members** Rees Naude ZR2RN, Allan Whitehead, Steven O'Reilly, Gareth Rathbone, Jacques Human, Dean Russouw, Henry Danielson, Hermanus Nell, Mentoor Steyn and daughter Lizelle, Mark Hugo, Martin Ras all of the PE/U/D area, André Roets of Great Brak River and Dennis van Blerk ZS2CW of East London.

All except Rees and Dennis are PEARS RAE course students. André is doing the course by correspondence.

We welcome you all to the Society and the finest hobby, and hope you will have many happy years with us.

**Injury List:** Doris Coombe-Davis, XYL of Lionel ZS2DD, fell while on a bird-watching jaunt, breaking a bone between knuckles and wrist. It's Doris's right hand and happily it is on the mend.

Didn't someone once say something about a bone in the hand being worth a coo in the bush?

**On the Move:** Julie ZR2EY and Trevor Scarr ZS2AE are visiting their daughter in Cape Town and will return via Namaqualand to view the flowers.

Garth ZS2HB and Elize also going to see the daisies and return via the Swartberg Pass for kicks.

Chairman Beavan ZS2RL and Mel are camping in Baviaanskloof for a few days and will miss the general meeting. ☹

## Your Society's Committee

Chairman, Awards.....	Bevan Gwilt ZS2RI	360-6968
Vice Chairman, QSN collation & mailing .....	Trevor Scarr ZS2AE	367-1746
Secretary, repeaters, packet.....	Chris Scarr ZS2AAW	368-1344
Treasurer, Assets Control.....	Clive Fife ZS2RT	367-3203
Social, Refreshments.....	Bill Hodges ZS2ABZ	581-2580
QSN Editor .....	Garth Laaks ZS2HB	368-1101
e-mail the Editor at.....	glaaks@africa.com	
Technical Classes, RAE.....	Greg Maynard ZS2RE	581-0991
Librarian .....	Neil Thomas ZR2NI	487-2403
Special Events.....	Ewalt Bouwer ZS2EHB	933-3482
Youth Affairs.....	Greg Maynard ZS2RE	581-0991

## PEARS' VHF/UHF & Other Services

### REPEATERS

Town VHF .....	# 145.050/650	
Town UHF .....	# 431.050/438.650	Knysna .....
Cockscomb .....	145.000/600	Lady's Slipper .....
Colesberg .....	* 431.075/438.675	Noupoort .....
Crabcock .....	* 145.050/650	Uitenhage.....
Grahamstown.....	* 145.150/750	

\* These form PE's long-range 2-metre repeater system, also linked to which are East London 145.775 MHz repeater, George 145.700, Danabaai 145.600, Stilbaai 145.750, Butterworth 145.725, King Williams Town 145.625 and Umtata (438.725 duplex). It is further extendable to Cape Town via the WC RWG system. # These can also be linked as required.

### OTHER SERVICES

Packet Bulletin Board (ZSON1P) .....	144.625
Packet Radio Switch (ZSOG11-3,046101 (144.675 in-out) or 046102 (UHF out to BBS).....	144.675
2m Beacon (ZS2VHF CW ID, FSK) (horizontally polarized, 160W ERP).....	144.412
6m Beacon (ZS2SIX CW ID) (horizontally polarized, 25W ERP).....	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 SAREL 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 as well as Crabcock and environs. PEARS' 7098 or 3640 kHz transceive facilities are also remotely linked as needed. In addition, the SAREL's 40m operations on 7082 or 7066 kHz or Hamnet's 7070 kHz can be remotely patched into the 2m network, in receive-only mode or with full transceive capability for interactive events.

Date	Prepare and Read on 2m Repeater link
10 Sept	ZS2AE
17	ZS2AAW
24	ZS2RT
1 Oct	ZS2ABZ
8	ZS2HB
15	ZS2RE
22	ZS2EHB

### DIARY DATES

#### SEPTEMBER

15 Monthly meeting  
16/17 SAREL VHF/UHF contest

#### OCTOBER

5 Wrinkly Rave @ Zwartkops  
5 SAREL 80m QSO Party  
14 CQ Hou Koers  
14/15 JOTA

**\* We Like Being Your Society! \***