

**THIS NEWSLETTER IS PUBLISHED BY THE
PORT ELIZABETH AMATEUR RADIO SOCIETY**

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June 1999

NOTICE OF MEETING

The monthly general meeting of the PORT ELIZABETH AMATEUR RADIO SOCIETY will be held on **Friday, 18 June 1999** commencing at 20:00 (8pm) in the Municipal Disaster Management Centre, Westview Drive, Mill Park, Port Elizabeth (Civil Defence Centre).

Tea, coffee and biscuits will be available during the interval.

Our new committee member for social affairs and other illicit activities is trying to organise an interesting speaker. Come along and see if he was successful! What is more, perhaps you can suggest some likely speakers to approach.

Wrinkly Ravers

The next rave will be on **Thursday, 1 July 1999** at the Zwartkops Yacht Club Clubhouse.

The last one (June) was quite poorly attended, possibly after the strain of the election the previous day, but also because some of the regulars were otherwise occupied. Let's hope that nothing prevents all the Wrinkly Ones from attending the July rave.

Remember, this will be the last one you can attend on the 1st of July in the current millennium! There might not even be a 1 July in the next millennium what with the Y2K bug an' all. So roll up and go mad, dad, while stocks last!

IMPORTANT - ALL CLUBS

We currently send out 28 copies of QSX each month to other clubs but receive only a handful in return. It is realized that some do not produce regular newsletters themselves yet would like to receive those of other clubs and we are happy to oblige.

However, we would be glad to hear from all clubs that do not send us newsletters but would like to continue receiving QSX. Clubs that do send us their newsletters will continue to receive ours.

ALSO IMPORTANT - ALL MEMBERS!

If you know of anyone who might be interested in joining our next series of RAE (Radio Amateur Examination) classes, please ask him/her to contact Cyril Hislop without delay. It is the intention to start classes soon. Phone number on page 15.



A Word

From the Chair



The start of another sparkingly clean new year in the life of the PE Amateur Radio Society! My warm greetings to you all, may we go from strength to strength together.

My thanks go to you, the members for my re-election to the position of Chairman. With the strong committee that has been formed around me, I can rest assured that the Society will be well placed for improvement this year. Focus areas are to be the social side of things – I would like to bring the monthly meetings alive again, with organised speakers, well publicised beforehand so you can know what to expect.

Our gathering this month at Bathurst is another type of function that should boost the social aspect – please make every effort to join the fun. Closer co-operation with the East London chaps will also be very welcome, and this function should be the catalyst.

It's rally warm-up time again! If interested in assisting, please let us have your details, either in the form of the questionnaire, or at the next general meeting. We have a few extra mobile stations required this year, plus a fair number of stages on the Saturday, so there is plenty of space for all the eager young amateurs.

On a more sombre note, I acknowledge with sadness the passing of two amateurs recently – Iris ZS2AA, and Barry ZS2DT. Whilst a lot has been said of Iris, let us not forget Barry, active on the link until his recent sudden downturn. Even the happy squawks of his feathered friend will be missed on the repeaters! God bless both of them.

73,

Chris ZS2AAW

HAMNET / ECARES NEWS

General Meeting

The May general meeting took the form of a display and demonstration of old radio equipment, homebrew and commercial, and no business.

Demonstrations included that of old morse keys of various types. The only type not on display was the side-swiper. I wonder how many members know how a sideswiper operates?

André ZS2ACP brought along some of his converted CB sets which, although not old, were nonetheless very interesting to see.

Among the items on display was a Bendix aircraft receiver of 1940's vintage, still in working order, absorption frequency meters, grid dip oscillators and a few ex military PRC261 transceivers of interest.

A PRC261 is used for the exciter in our six metre beacon transmitter and

this unit has been in operation since October, 1987.

Last but not least was the equipment used by Mike ZS2FM, around 1950 I think, to set a South African distance record for the 3 centimetre band (10 Gigahertz or 10 000 Megahertz). Mike gave a very interesting talk on this and other topics to round off the evening.

The success of this meeting can be gauged by the attendance, which was double the normal figure, and the fact that some members arrived before 19:30 and the last ones left at 22:40.

73,

Al Akers ZS2U

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

Happiness is - opening the letter box and finding no junk mail or window envelopes.

FOR SALE ★ WANTED ★ SWOP

WANTED

- * **Rotator**, heavy duty type, also **Kenwood TS130S**, must be in good condition—Richard Borello ZR2RB, Jeffrey's Bay, tel. [042] 293 2759.
- * **Good tribander beam**—Neville Roebert ZS2NR, 1 Cambridge Road, King William's Town.



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IRIS HAYES, ZS2AA

We are sad to record the passing away of Iris Hayes, ZS2AA, Grand Dame of Amateur Radio in South Africa. She slipped away quietly during the night of 31 May/1 June to join her Creator, who she served so diligently throughout her lifetime.

Iris turned 95 last October. She had unfortunately not been well since suffering a stroke just before her birthday and was no longer able to participate actively in ham radio. One of her final contributions to the hobby was a donation to the SARL building fund, which was acknowledged in the last HQ bulletin before Iris passed away.

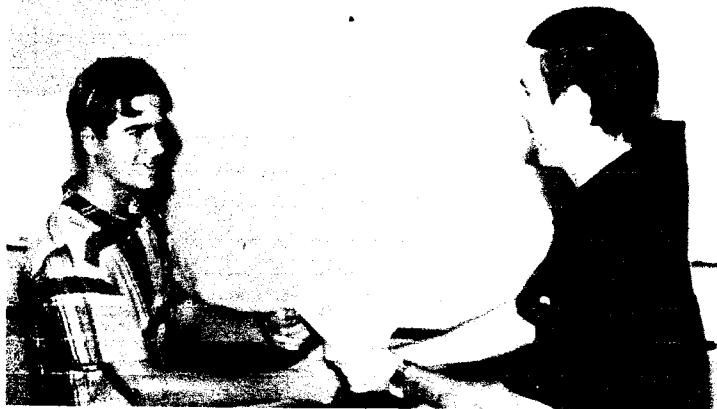
ZS2AA was the first woman ham to be licensed in South Africa, back in 1937. Through her avid DXing she became well known throughout the world. Iris was a founder member and first President of the SA Women's Radio Club, which went into recess some years ago when dwindling numbers of YL operators left insufficient willing members to run its council. One of Iris's fervent wishes was to see the SAWRC revived. This, unfortunately, was not to be.

Believed to be the second oldest YL ham in the world, Iris was an ardent member of WACRAL, the World Association of Christian Radio Amateurs and Listeners. In April 1985, she was awarded Honorary Life Membership of the SA Radio League and, in 1996, the Border Radio Club bestowed on her its supreme honour by electing her Honorary Life President of the Club. Iris was the guest of honour at the SARL AGM hosted by the then Port Elizabeth Branch in March 1994, and delivered the keynote address at the annual dinner.

A lasting memory that Iris will leave with us all is one of a great and grand lady, young at heart, enthusiastic, of above average breeding yet humble and friendly towards all irrespective of one's standing in life – a true role model for all.

The Port Elizabeth Amateur Radio Society extends its condolences to all Iris's family and friends. She will long be remembered among us.

RIGHT—At the Society's AGM in May, Nicolas Thomas ZR2NDT receives a certificate of appreciation from Chairman Chris Scarr ZS2AAW for his help and participation in the PEARS stand at the Sasol Science Festival in Grahamstown



Remember Bathurst!

Hopefully this issue of QSX will reach you in time to serve as a reminder about the get-together of all interested hams and their families, whether members or not, at Bathurst on 16 June, which is a public holiday.

We will be holding a bring and braai at the QTH of Neville Vroom ZS2NV. Details appeared in last month's QSX. The article also carried a map showing the route through the town to Nev's QTH. Note that the kliepie might have picked up all the mummies and moved on in the mean time.

The President of the SA Radio League, Hans Potgieter ZS6ALJ, has kindly agreed to fly down to join us so this is your opportunity to hear at first hand what his plans are for the future of Amateur Radio in South Africa. You will also be able to tell him of any gripes that you have.

If you want Hans to bring any books from the SARL Bookshop for you, place your order with Michelle at the National Amateur Radio Centre (the name adopted for the SARL HQ building) without delay.

VW RALLY

The VW Algoa Rally will take place on 16 and 17 July and, of course, operators will be required to man a number of stations around the course and in official vehicles.

A questionnaire will be inserted into this issue of QSX for all those who are thought to be conveniently situated and/or likely to be willing to assist. If you do not receive a questionnaire but would indeed like to help with communications, please contact Chris Scarr (telephone number on page 15). Your assistance will be most welcome.

The rally is always a fine opportunity for us to show what hams can do and, at the same time, learn a few new tricks about providing effective communications under outdoor conditions.

There will be a "foresters' braai" on 25 June, by which means the Rally organisers will show appreciation to the foresters in whose territory much of the rally will be taking place. *All operators who participate in our comms net are invited to attend.* Listen to the Sunday bulletin for details.

ARE YOU PIRATING THIS NEWSLETTER?

If you are reading someone else's issue of QSX this month because you didn't receive your own copy, it is probably because you forgot to renew your subscription to PEARS. Subs fell due on 1 April 1999 and, as we go to press, about 90 of the 125 members from our last financial year had renewed.

We certainly would like to have you all back on the membership list.

PEARS AGM REPORT

In spite of heavy competition from the TV, what with international sporting matches being broadcast during the afternoon, no fewer than 45 members, in excess of 60 bodies in all including spouses and juniors, attended the AGM on 22 May.

Although the weather was ideal, the boot sale was a little disappointing, with only two or three 'soles' offering their wares.

Our popular Chairman of the past couple of years, Chris Scarr ZS2AAW, was unanimously re-elected Chairman, whereafter another six members were cajoled onto the Committee. Their names and portfolios appear on page 15.

Although it would have been good to have some of the younger members on the committee, none were available and so, apart from smoothie Chris, all the committee members have notched up a lot of mileage. (Judging by the looks, most of that was over corrugations!). Nevertheless, it is good to have old stalwarts Trevor Scarr ZS2AE and Beavan Gwilt ZS2RL back after a break, and Cyril Hislop ZR2H, serving his sentence as a first-timer.

Several trophies and certificates were presented:

VHF Trophy—Dirk Ligthelm ZS2D (620 km QSO on 144,450 MHz)

Constructor's Trophy—André Botes ZS2ACP (CB-to-6M transverter etc.)

Ham Spirit Trophy—Viv Moore ZS2VM (assistance to many)

Achievement Certificate—Roger Davis ZS1J (article in QST re FT101)

Merit Certificates—Mike Bosch ZS2FM (initiating PEARS VHF-UHF contest), Chris Scarr ZS2AAW (expansion and maintenance of repeater system), Al Akers ZS2U (maintaining emergency communications service).

Certificates of Appreciation—Lionel Coombe-Davis ZS2DD and Trevor Scarr ZS2AE (help with repeater maintenance, collation and mailing of QSX), and Bill Hodges ZS2ABZ (ever-

ready support and help), Neil Thomas ZR2NT (planning and manning Grahamstown Scifest Stall), Nicholas Thomas ZR2NDT and Marc Gatley ZR2BLK (assistance with, and manning, Scifest Stall).

Ou Toppie Certificate—Schalk van der Merwe ZS2Y (octogenarian status)

Forget-me-Nut Certificate—Outgoing Secretary Jacques van der Heide ZR2JH (*in absentia*), for missed meetings and overlooked bulletins.

Bouquets were presented to Julie Scarr ZR2EY for her culinary art at Club functions, and Vanessa Scarr ZR2VM for so often doing without her OM's presence while he is up the mountain fixing repeaters etc.

Although PEARS also offers a DX Trophy, the Committee was not aware of any outstanding achievements in this regard, so the award was not made this year. Members are invited to report any DX achievements of their own or their member friends so that the Committee can consider their merits before the next AGM.

Following the business, members retired to the braai fires and/or enjoyed mingling with old friends and making new acquaintances. The Club provided a variety of box wines and fruit juices as well as a tasty range of salads, garlic bread and ice cream. As usual, a good time was had by all.

Bill Hodges ZS2ABZ was quietly letting his birthday slip by until the Chairman drew everyone's attention to it, whereupon the singing of Happy Birthday must have distracted many Walmer couch potatoes from their TV sports viewing.

□ Members who would like a copy of the Club's financial statement presented at the AGM may obtain one by contacting Treasurer Clive ZS2RT. ■

We hear all kinds of problems cropping up with Baycom Modems running under Windows 95/98 on the air. Yes! There have been problems, but there are also answers out there waiting for us! One such answer is a utility called AGWPE or the AGW Packet Engine.

This program, written by a Greek ham SV2AGW, enables one to run packet with 100 different kinds of modems, even running packet without a modem using your sound card and a small single transistor interface operated from the Com Port to trigger the PTT. Winpack now has support for the AGWPE bringing the facility to run Baycom under Windows 95/98!

This is what Roger Barker G4IDE, the author of Winpack says about AGW:

"From V6.4, WinPack supports the SV2AGW Packet Engine (PE). The PE supports many different types of TNCs in KISS mode, Baycom modems, DRSI cards, USCC cards, etc. It supports up to 100 TNCs and up to 100 applications at the same time.

"When WinPack is used with the PE, you get true split screen operation and up to ten simultaneous connects - one from the main WinPack screen and up to nine others from a terminal screen.

"Please note - the PE provides neither a node nor a digi facility. Also, it is a Win95 program, it cannot be used with Win31.

"The great advantage of the PE, compared to BPQ or Flexnet, is that it runs as a Win95 application - you don't have the problems of having to load it underneath Windows. Also, you only need to run it when you want to use packet, it isn't stuck there all the time using up processor performance when you aren't using packet."

OM Neil ZS2MG and I have been testing and fooling with AGW for several weeks now and it was only recently that Neil discovered the source of some files essential to the success of the program! Here in PE we have successfully installed the system on the computers of Neil ZS2MG, Jim ZR2JRF and Ken ZS2BWB and the programs work quite happily together using Baycom modems on their computers. On my system it is running my TNC-2 modem with Winpack very effectively indeed.

AGW is incredibly simple to set up and install and it releases the Com Port when you close it down releasing it to other applications

This program certainly gives hope to the users of Baycom modems who wish to run packet under Windows and with the scarcity of Baycom kits, it gives the opportunity to run packet using the sound card. It will support many different kinds of TNC's from the sophisticated Kantronics to the simple Baycom or even no modem at all using just the sound card on your computer. When used with the sound card, a simple interface consisting of 1 transistor, 1 resistor and 1 diode is required to trigger the PTT line from a Com port.

The program has many other features too many to detail here, but it certainly is a program that warrants mention in such a fine publication as QSX!!

If you would like further information and/or the software or advice, please contact Neil ZS2MG or myself ZS2BH.

* Telephone: 365 4100
e-mail: bryanha@iafrica.com

HINTS FOR THE HAMSHACK

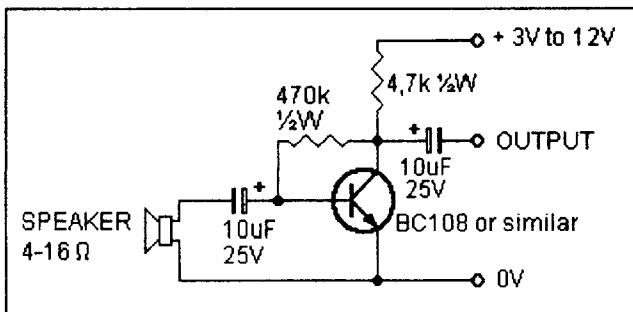
USE A LOUDSPEAKER AS A MICROPHONE

A small loudspeaker may be used as a very effective microphone for intercoms etc. if it is coupled via the circuit shown here.

Output is sufficient to drive practically any transistor or valve audio amplifier.

[This article was taken with thanks from ETI Circuits No. 1.]

The following useful tips come from the ARRL's *Hints & Kinks for the Radio Amateur*:



EMERGENCY REPLACEMENT FOR NUTS WITH ODD-SIZED THREADS

I recently required the use of an old milliammeter, which had the mounting screws permanently embedded in the case flange. The nuts for the no. 2 mounting screws were missing, and there were no replacements in any of my accumulated hardware. By using the plastic sleeve that insulates hook-up wire as a replacement nut, I quickly secured the meter on the new panel.

Find a short piece of insulated wire with a conductor diameter slightly smaller than the threads you wish to fit. Slide the insulation along the wire until there is enough "empty" insulation to match the length of the exposed screw threads. Bend the other end of the wire to form a handle.

Expand the empty insulation with needle-nose pliers and apply a small amount of lubricant [try Vaseline—Ed.] to the screw. Turn the screw into the open end of the insulation. Once the joint is tight, cut off the excess wire and

insulation — Antonio Gelineau, W1HHF.

TEST RF INSULATORS IN MICROWAVE OVEN

From time to time, situations arise where a piece of scrap plastic would make a convenient RF insulator. Some plastics, however, are very lossy at RF. Unless the application is critical, a simple test can provide reasonable assurance that the material is suitable for the job.

To perform the test, irradiate an ounce or two of the material in a microwave oven. (Protect the oven by including a cup of water with the sample as an RF load). Operate the oven at high power for two to three minutes, then remove the sample. If the plastic has become warm, it is probably too lossy for use as an RF insulator. (The warmth is more apparent if you cool the sample in a freezer for about 15 minutes just before the test.)

Insulators tested in this fashion have given me no problems at power levels up to 1000 W at 50-100 MHz. — E.R. Berg, KZ9Y. ■

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 FRIDAY, 16 APRIL 1999

Present & Apologies: As per the register.

Opening: Chris ZS2AAW opened the meeting and welcomed all.

Minutes of the previous meeting: Acceptance proposed by Gus ZS2MC, seconded by Trevor Scarr ZS2AE.

Matters arising: None

Finance: It was reported that all is well. Clive ZS2RT gave a brief run-down of recent expenditure.

Correspondence: None at this time.

General:

1. Garth responded to questions concerning the forthcoming SARL AGM motions.
2. Raphey brought up the issue of insurance of equipment and public liability. This was discussed and noted that due to the high cost, it is up to the individual to arrange his own insurance.
3. The temporary repeater had been removed.
4. There is a need to purchase new crystals for new equipment and for additional DTMF switching boards to be made up.
5. The cape Town link is still in progress. It will be necessary to split the antenna at George repeater.
6. Members were reminded that there will be a get together in the Port Alfred area on 16 June 99.
7. ARISAS was mentioned with the dates of 4, 5 and 6 May.
8. A suggestion was made that PEARS participate in the field day contest in September and that our call sign ZS2000 be used.

Closure: Chris closed the meeting at 20H50. Tea and biscuits were served thereafter, organised by Bill ZS2ABZ.

RIGHT—Mike Bosch ZS2FM with the homebrew microwave dish antenna system and converter with which he and the late Windy Gale ZS2CK established the first South African distance record on 10 000 MHz (10 GHz) in 1963.

Mike gave an impromptu talk on the happening at the Port Elizabeth Hamnet/Ecares meeting in May, at which much old ham equipment was displayed and discussed.



PEARStalk

SUNSAT NOW AVAILABLE

Sunsat, officially designated SO35, is now available for amateur use during weekends. The ham facilities are switched on from late Friday to early Monday morning.

SO35 will provide transponder operation using mode B with an uplink of 436,291 MHz and the downlink on 145,825 using narrow band FM. The transmitter will be continuously keyed and will provide strong FM signals which, during overhead passes, should produce strong signals on the ground even when using a hand-held transceiver.

Amateurs in Southern Africa are requested to avoid transmitting on 145.825 MHz when SUNSAT passes are possible. This frequency is used for downlinking, and occasional uplinking of engineering data. Please do not transmit on 145,825. Your co-operation is appreciated.

SARL'S NEW PHONE NUMBER

Telkom has now provided the League with telephone and fax lines. The office takes telephone calls from 9 am to 2 pm. Thereafter, you can leave messages on the answering machine.

The numbers are:

telephone (011) 675 2393

fax (011) 675 2793.

voicemail 088 120 5042.

The new postal address is **PO Box 1721 Strubensvallei 1735**. The e-mail address remains **sarl@intekom.co.za**.

CLOSER LINKS FOR BRC, PEARS?

At the PEARS AGM, a feeler was put out about the possibility of the

Border Radio Club and PEARS formally establishing closer ties, along the lines of an affiliation. Among the effects of such a link would be the inclusion in QSX of BRC news and announcements. Members of BRC would obviously each receive the newsletter and costs would, of course, be borne by BRC or their members.

While each Club would retain its autonomy, members would have a better insight into the happenings in the other club and this could trigger more activity within the clubs and on the air.

The Border hams are pretty scarce on the linked repeater system (not that PEARS members are all that much in the forefront!) and the added activity and discussions could spur others on to greater things. Unless the system is used sufficiently, one wonders whether it is worth extending it further afield!

SARL BULLETIN QUALITY

At the PEARS AGM, a member said he often had difficulty understanding what the SARL's YL operator was saying. The female voice is not always suited to SSB transmissions but the problem is aggravated by the fact that the bulletin is transmitted first on a VHF repeater – possibly from a poor recording to start with – and relayed onto HF. There is almost inevitably some further degradation in the links involved. The relay over our coastal linked repeater system relies on the resultant SSB signal and path noise.

Another member agreed but added that the unnatural vocal inflections, magnified the problem, the important words often being de-emphasized and

vice versa.

By contrast, the transmission by the English HQ bulletin reader on 6 June prompted local listeners to remark that it was the best delivery we had heard in a long time.

Not all PEARS bulletin readers have access to the Internet and can not download the bulletin for local reading. In any case, it is felt that, for a national bulletin, the best possible quality should be transmitted, preferably on HF in the first instance. Clubs can take that signal for their local VHF relays. The old RSVP rule for efficient communications – *Rhythm, Speed, Volume, Pitch* – should also be observed.

PEARS would approach the League in the matter.

FCC SLATES BAD HAMS

The FCC's Riley Hollingsworth, K4ZDH, exhorted a standing-room-only crowd at the recent Dayton Hamvention to "read over the basis and purpose of Amateur Radio and Rules [the Radio Regulations]" and to operate as if youngsters and overseas stations might be listening in.

Riley called the on-air activities of some hams "childish and stupid" and said the hobby does not always present its best face to the world. "What does transpire on some amateur frequencies is often an international embarrassment," he said. "What kind of service is it when you're afraid to leave on the radio in the house or the car?" he asked.

He asked law-abiding hams to not retaliate against hams who are offensive on the air or who break the law but to shun them instead.

It is not reported what action Riley feels hams *should* take, but clearly one should report repetitive vulgarity and improper behaviour to the Authorities,

if possible with a recording or other evidence.

The SARL has announced that SATRA has asked them to play a more active role in keeping the bands clear of unruly amateurs and to initiate action against South African hams whose behaviour is not appropriate. The League says it will "get tough" in this regard, so hopefully something concrete will at last be done about the deteriorating situation in South Africa.

7070, 3695 kHz ARE EMERGENCY CHANNELS

The SARL Council confirms that 7070 and 3695 kHz are priority emergency frequencies but are not dedicated to emergencies only. However, Council asks that users of the frequencies keep overs short and that, when an emergency call is generated, the frequencies be cleared until the emergency has been handled.

The SARL seeks the cooperation of all Radio Amateurs in Southern Africa.

NEW BOOKS

The SARL Bookshop has received stocks of the 1999 ARRL Handbook and the 18th Edition of the Antenna handbook. The retail prices are R310 for the ARRL Handbook and R300 for the Antenna handbook for non-members but only R250 and R240 respectively for SARL members. Postage and packaging cost is R25 per book.

For telephone orders, call 088 120 5042 and give details of your credit card and expiry date, full name and postal address. Visit the SARL Web for a full list of books available or call 088 120 5042 and ask for a list and order form to be mailed or faxed to you.

If you would like the President, Hans Potgieter to bring a book or two for you

to the Bathurst get-together on 16 June, place your order now.

PSE QSL

An American ham, apparently fairly new at the game, complained to ZS6AQS that he had sent many cards to SA hams and received none in return. His opinion of ZS hams seems to be low as a result.

However, it seems that the cards he is missing are for QSOs made around December 1988. Peter ZS6PHD says that, if they were sent via the US bureau, they would hardly have reached the SA bureau yet.

Returns via the bureau system will also take a long time, he says. Len is only able to mail in bulk about three times per year. "I think the last mailing went out approx. end April, and the previous one in December or January. So return cards could not possibly have reached him yet via the bureau"

Peter adds: "If he sent some cards direct over December it is possible that some got 'mislaid' in the post! Did he enclose return payment in the form of USD or IRC's? I think many SA hams are not aware that IRC's are again accepted by the post office, and that they are worth R5-00, which more than covers the airmail postage to USA."

Whatever - if you promise a QSL, please send one. If you don't like QSLing, *tell* the other chap that you *don't* QSL. If he then doesn't want to talk to you, he is not worthy of your conversation anyway.

SARL'S NEW COUNCIL

The following are the current Councillors, with portfolios allocated at a recent Council meeting:

Hans Potgieter ZS6ALJ: President
Bill Norval ZS5KD: Secretary and Treasurer
Laurie Devereux ZS5DL: Minute Secretary, Club Liaison Officer, IARU Monitoring Service

Ray Webber ZS6RSW: NARC and QSL Manager
Koos van der Merwe ZS6JPY: NARC Logistics Manager
Tony Reumerman ZS6AOG: Radio-ZS Committee Chairman
Rassie Erasmus ZS1YT: Examiner
Hans van de Groenendaal: ZS5AKV: Communications and Bookshop Manager, IARU Liaison
Jan Schubart ZS6ARV: National Hamnet Director
John Fielding ZS5JF: VHF Manager, Awards and Contests
Dennis Green ZS4BS: HF Manager, Youth affairs
Gys Rietveld ZS6GYS: Technical Manager, Digital Communication
Chris Turner ZS6GM: EMC Matters
Sid Tyler ZS6AYC: Vice President, Education
André de Villiers ZR6AN: IPHA (services to physically handicapped persons)

SATRA Liaison will be handled by Hans Potgieter ZS6ALJ, Sid Tyler ZS6AYC and Hans van de Groenendaal ZS5AKV with Tony Reumerman ZS6AOG as alternate.

Council has appointed Tjerk Lammers ZS6P as Contest and Awards Manager and Glen Duffy as IARUMS Manager.

G'TOWN REPEATER HEARD IN BLOEM?

Nico, ZS4NIC has heard the ZS2VHF beacon on 2 Metres in Barkly East, across two mountain ranges, and we have had a report that the Grahamstown repeater was "possibly" heard in Bloemfontein. If it was, it supports Mike ZS2FM's theory that comms between PE and the Free State should be possible on 2 Metres.

Les Mandy ZS4WA of Bloemfontein is setting himself up with an efficient beam antenna system, horizontally polarized, and will soon be joining the rapidly growing 2 Metre long-distance group operating along the eastern seaboard. ■

Condolences — We were sad to learn of the passing of our old friend Barry Fennell, ZS2DT, on 4 June after a long illness. He remained his old cheerful self up to the end in spite of extreme discomfort, and always enjoyed a visit from his ham friends. We extend our sincere condolences to Barry's family and friends.

We also express our sympathy to Dudley Radue ZS2DR, whose mother passed away in Johannesburg on 29 May.

Congratulations...

on your birthdays:

June

- 21 Rene Roebert, XYL of ZS2NR
- 27 Robert Pokorny ZS2ABJ
- 28 Ken Tremeer ZS2BWB

July

- 3 Julie Scarr ZR2EY
- 5 Petrus de Jongh ZS2NQ
- 5 Nic Oelofse ZS4NIC
- 9 Lambert Ledoux ZS2LL
- 11 Isaac Greeff ZS2ZG
- 12 Keith Fensham ZR2KF
- 14 Alex Gogos ZR2T
- 16 Selwyn Staples ZS6SS

on your anniversaries:

June

- 24 Bernice & Bryan Marshall ZS1NQ
- 24 Blanka & Vic Batt ZR2BBH
- 24 Ali & Ewan Mathieson ZS2EN

July

- 7 Joan & David Grúnewald ZS2DCG
- 12 Julia & Bill Atteridge ZS2V

12 Joan & George Bowes ZS2QN



Sick List: Jeff Bowes-Taylor ZS1VS, is still not well and enjoyed a short visit by Colin ZS2CR on 31 May.

Vic Olivier ZS2SZ, has been in and out of hospital and back in again for a gall bladder operation.

Jim Duck ZR2JRD was shot by intruders on the night of 9 May but we are glad to report that he has made a good recovery.

Travelling: Julie ZR2EY and Trevor Scarr are visiting Cape Town for a few weeks, while Karen Bowles ZR2AAW is in the UK for a month's holiday but will use the opportunity to look at suitable job opportunities.

Change of Address: OM John Magee ZS2RG has moved to Room 20, Cheshire Homes in Summerstrand, His personal telephone number is 583 1412. Calls and visits will be welcome.

Your Society's Committee

Chairman, Repeaters, Packet	Chris Scarr ZS2AAW	38-1344
Vice Chairman, Secretary	Beavan Gwilt ZS2RL	360-6968
Treasurer; Assets Control	Clive Fife ZS2RT	367-3203
Awards, Refreshments	Bill Hodges ZS2ABZ	51-2580
QSX Editor	Garth Laaks ZS2HB	38-1101
e-mail the Editor at	glaaks@iafrica.com	
QSX Collation/Distribution, repeaters, packet	Trevor Scarr ZS2AE	32-1746
Technical Classes (convening/administration)	Cyril Hislop ZR2H	360-8482
Technical Classes (lectures)	Viv Moore	360-4433
Librarian	Neil Thomas	
Special Events, Social	Cyril Hislop ZR2H	360-8482

PEARS' VHF/UHF & Other Services

REPEATERS

Town VHF	# 145,050/650	Kareedouw	† 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 can also be linked as required.

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

OTHER SERVICES

Packet Bulletin Board (ZSONTP)	144,625
Packet Rose Switch ZSQGHT-3,046101 (144,675 in/out) or 046102 (UHF out to BBS)	144,675
2m Beacon (ZS2VHF CW ID) (horizontally polarized, 160W ERP)	144,410
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
Web Site	pears.8m.com

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 as well as Cradock 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 Repeater link
13 June	ZS2ABZ
20	ZS2RL
27	ZS2AE
4 July	ZR2H
11	ZS2AAW
18	ZS2HB

DIARY DATES

JUNE

- 16 Get-together at Bathurst
- 18 PEARS monthly meeting
- 20 SARL QRP contest 2-4pm

JULY

- 1 Wrinkly Rave
- 11 2 Metre QSO Party 2-5pm

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