



Q S X P E



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

Web site: pears.8m.com

PO BOX 10402
LINTON GRANGE
6015

SEPTEMBER 2002

NOTICE OF MEETING

The monthly general meeting of the PORT ELIZABETH AMATEUR RADIO SOCIETY will be held on **THURSDAY EVENING, 19 SEPTEMBER, 2002** commencing at 20:00 (8pm) **at the St Hugh's Church Hall, Newton Park.**

Bill Browne, ZS2BY, will give us a talk on submarine cables and all that goes with it.

OM Bill ZS2ABZ will supply the necessary tea, coffee and graze. Our steel locker and crockery have now been transferred to the new venue so you don't need to bring your own cups!

Wrinkly Ravers

The next rave will be held on Thursday, 3 October 2002.

Following the satisfactory treatment there last month, The September Rave was again held at San Francisco, at the William Moffett Centre.

This issue of QSX is going out before that event, so we don't know where the next one will take place. Listen to bulletins!

Come and enjoy the fare – get there at around 12.00 pm for a gas first!

HAVE YOU JOINED THE SARL YET?

Remember, the SARL needs extra members in order to cancel out the reduction in membership fees. If YOU have not thought about joining or rejoining the SARL, please do so now.

There has been a little problem at Headquarters, with the administrative officer having left and a new one being appointed. As a result, there has been some delay in writing up the new members.

An application form to join the League can be downloaded from the SARL web site, www.sarl.org.za

QSX by E-MAIL! If you want to receive QSX by e-mail (PDF format) *instead of by post* please let the Editor know and provide your e-mail address. QSX will also appear on the PEARS web site (pears.8m.com), but only several weeks after publication date. You will need Adobe Acrobat Reader.



The Chairman's Chat

I am pleased that the new venue at St Hugh's church in Newton Park meets with the approval of our members – those that attended the meeting, anyway. Unfortunately I could not be there because Mel and I had to hasten to Durban because of Mel's mom having suffered a stroke.

With regard to the proposal to change our meeting day from a Friday to a Thursday, the greater majority of members do not have a problem with Thursday. If memory serves me correctly, there were no votes against when comment was invited during after-bulletin nets.

Thusly, our monthly meetings will henceforth be held on the **3RD THURSDAY OF EVERY MONTH**. Moenie vergeet nie!!

Many thanks to Ewalt ZS2EHB and helpers who participated in the Lighthouse weekend, in spite of the very adverse weather conditions. It was a successful event, with many contacts in the logbook.

The next special event coming up (during October) is JOTA. It would seem that the organisers (them, not us) are determined to make a go of it this year, so the omens look good. It will be held at the Andrew Rabie school, which I think will prove to be a perfect venue.

73 & 88,

Beavan **ZS2RL**

Disasters

After quite a long spell of good weather conditions and no major disasters, the Eastern Cape was first hit by a lengthy period of high winds, followed later by an even lengthier spell of rain.

I got the impression that a few people were surprised that Hamnet/ECARES was not involved. Although these disasters were serious enough, they occurred over a long period which allowed the normal emergency services to cope. Also, these disasters were not the type where there was much need for communications, but rather other types of help.

The two shipwrecks off the East London coast was another matter, and East London members were involved with one. I am awaiting a report from Matt ZS2MW, our East London Assistant Director, so that I can publish this in QSX.

I do have a request to make to the Hamnet/ECARES members. If, in your travels, you come across any emergency situation that has no official emergency organisation dealing with it, then check up and

report this to either Ken ZS2OC or myself. We monitor the repeaters as much as possible. Alternatively, phone Ken at 379 1856 or myself at 360 2983, or S.A. Police Services.

Be careful though. As reported in the July issue of QSX, hi-jackers use various ruses, such as a pregnant woman in distress, to get motorists to stop, and get robbed. After all, you and your dependants are your first concern.

Social

Jim ZR2JRD is still experiencing some problems with his health. We wish you well, Jim.

We are sorry to lose ECARES member Shirley ZR2S, who has left East London, and apparently East Cape. However, we welcome Dennis van Blerk ZS2CW who has joined ECARES, and Richard Seddon ZS2CLI, who has joined Hamnet.

73

AI, ZS2U

Provincial Director,

Hamnet East Cape/ECARES

FOR \$ALE ★ WANTED ★ SWOP

WANTED

* Booster (Power Amplifier) cable for FT301 – 4 screws hold it onto back of rig to increase output to 100W — Tel. George Honiball, (012) 664 4155, e-mail gth@freemail.absa.co.za

SARL MATTERS

NEW ADMIN OFFICER AT NARC

The SARL regrets to announce that the administrative officer at the NARC, ms. Marlette Kroukamp, has left the employ of the SARL. To minimise the disruption and service interruptions, council has decided to improve continuity by employing a second person on a half day basis.

The full-time incumbent will be expected to do general administrative work, including liaison with members, at the NARC on weekdays between 08:00 and 13:00.

The council of the South African Radio League is pleased to announce that an administrative officer has been appointed in the post at the National Amateur Radio Centre.

Meanwhile, administration of SARL affairs has been falling behind during the time this post has been vacant. Council wishes to thank members for their patience and understanding during this period.

The temporary admin officer, Ronnette, did her best but, in a few weeks, nobody can learn enough about the hobby and all its different aspects. The SARL thanks Ronnette for the good work she did and for her willingness to help out at short notice.

The new administrative officer is ms. Debbie Bovey. Debbie brings excellent admin skills to this job and there is no doubt that the backlog of renewals will soon be worked off.

The SARL welcomes ms Debbie Bovey and wishes her a long and productive association with the South African Radio League and its members.

Members are requested to give her

a bit of time to find her feet and do something about the backlog before enquiring about their renewal status.

Please bear in mind that the office is open to members on weekdays from 08:00 to 13:00 only.

To improve continuity in difficult times and also to speed up the general processing of members' requests and other work, the appointment of a second person on a part time basis is under consideration. As a change of this magnitude needs approval from council, this appointment will not be made immediately.

AWARDS FOR LONG MEMBERSHIP

A certificate for long membership has been awarded to all members of the SARL who have had a continuous membership of 10 years or longer. These certificates were mailed with the July/August Radio ZS.

Although the SARL has continually asked members to check their details and notify the SARL if they were omitted or had incorrect details, there are still some members of which the SARL does not have joining dates.

If you are a member of the SARL and were supposed to receive such a certificate but did not, or received a certificate with the wrong details, it is because the SARL did not receive your correct details. Please e-mail your details to, or contact, Rassie at 021 460-3640 and supply your callsign and joining date.

Remember that certificates will only be issued to members with a 10 year or longer membership record.

RUSTENBURG AMATEUR RADIO CLUB

The first branch of the SARL has been registered. At the past council meeting an application for Branch status was received from the Rustenburg amateur radio club to be registered as the first Branch of the SARL.

All the members of the Rustenburg amateur radio club are members of the SARL as well as Hamnet.

The club is the first to apply under the new rules and will be known as Branch No. 1 = Rustenburg branch of the SARL.

***From the President to the Rustenburg branch:** The Council of the SARL would like to congratulate the Rustenburg radio amateurs in their decision to change from their club status to that of a branch status. This step makes them the first club to revert back to a branch of the SARL.*

As they are the first club to make this change they will be known as Branch 1 of the SARL. Council would like to congratulate the new committee and wish them luck in the new challenges which lie ahead.

INTECNET BACK ON THE AIR

The SARL Intecnet 2002 sponsored by Telkom and Sentech is back on the air. The first in the 2002 second series was on the air on Sunday 18 August – and I am afraid that I missed it! Sitting quietly at home, it was only the following day that the event struck home!

The topic for discussion was lightning protection for the amateur station. The speaker was Ron Block WB2UYT, Chairman of the Amateur Radio Station Grounding Forum at the Dayton Hamvention and a popular speaker at American Clubs. He recent authored a two part series on the

subject in QST.

I know that the SA Post Office was highly thought of internationally back 'in 06', and maybe OM Bill Browne could give us a run-down on how *they* did it. I guess a long telephone line is more likely to get hit by lightning than an antenna.


BOOKSHOP SPECIAL

The SARL bookshop is running a special offer on three books. These are offered below cost to members to clear stock and the offer will be valid until the books are all sold. Because of the changing nature of the market for books, the SARL bookshop will no longer stock them.

The first is "Understanding Basic Electronics". As the name implies, it is a course in basic electronics and as such is applicable to the field of amateur radio. It has close to 400 pages, is well illustrated and will make a good addition to the bookshelf in any shack.

The second offer is on W1FB's Design Notebook. This is by Doug De Maw and is a must have for hams who experiment with electronics.

The last book on sale is by the same author. It is "W1FB's QRP Notebook". This book contains simple, easy to construct QRP circuits.

Each of these books is on offer for fifty rand. At a time when even a small paperback costs more than a hundred rand, this is excellent value for money. Phone Debbie at 011 675 2393 to check on the stock position. 

1 METRE BRAZING RODS, TB ANTENNA CONTAINERS

Al ZS2U has succeeded in getting 1m brazing rods from a local supplier and also has a supply of tennis-ball containers. If anyone needs them (e.g. to make up an antenna), please contact him at 360-2983.

Weathersat Reception

LETTER FROM COLIN ASHWELL, ZS2CO

Hi Garth,

There have been some decisions made by our board of directors recently and one of them has been that the museum dismantle the weathersat system and sell it off.

Due to the fact that the very heavy dish support beams had damaged the roof over the years, requiring extensive repairs, and also that the long term expectancy of the supply of analog signals from the old satellite is in doubt this decision to get rid of sooner, rather than later, was made.

If a decision, by the Museum, to get involved in weather reception displays in the future is contemplated, then it would be via the internet and be an interactive display using computers and touch screen controls. At this moment in time, the Museum is investigating a permanent line and access for the scientific staff so this would be the way to go.

Accordingly, I have been asked to start stripping down the system and we will soon have the following items surplus to our requirements.

1. A 2.4 metre solid aluminium dish with a rather old and a bit rusted stand. This dish has support arms and a feed horn for WX sat reception.
2. A 2 channel Timestep all in one receiver (1.9 GHz in and audio out)
3. A ZS2AO built digital decoder with colour or B/W video output.
4. A 12 volt power supply for the Timestep receiver.

Further to this list there is a VHF $\frac{5}{8}$ antenna donated to the cause by Brian ZS2AB and he will have to be asked first whether he would like to take it back or donate it to the club.

Likewise, there is also the 2 metre Heathkit transceiver donated by André, ZS2ACP and this will have to

be returned to him as the first choice.

Perhaps the club would like to discuss this matter and make a choice of buying the whole lot (items 1 – 4) as a club project, failing which you could let the individual members know of the sale.

At this stage, I have not been asked to find a price but rather for interested parties to make a reasonable offer for all or part of the package. There is no minimum set and all offers will be decided on their merits.

Incidentally, the digital decoder was built by myself and has been running, apart from occasional power dips, 24 hours per day since 1985. In all that time it has never been opened up for repairs in any way or needed the slightest adjustment. That must be some sort of record!! Maybe this proves the theory that leaving electronic equipment permanently on is more conducive to a long life than switching on and off every so often.

Regards,

Colin. ZS2AO

We thank Colin for the pleasure he has given us for so many years with the Weathersat transmissions. It is a pity to see the system coming to an end. Those who watched the pix coming through will know what it means.

The failure rate (0) of his digital decoder is quite remarkable and shows how well it was constructed!

This letter was read out to our Chairman, Beavan, and it was felt that the Club would not be able to erect a ground station. If any members would like to do so, here is an opportunity to obtain the necessary equipment. We don't know for how long the analogue signals will be available.

In the mean time, the special licence for the transmitting station will need to be cancelled if necessary. 📡

DIGITAL MODES ON VHF/UHF

BY BARRY MURRELL, ZR6DXB / ZR2DX

NOTE: DUE TO A TOTAL COMPUTER CRASH NO ARTICLE WAS SUBMITTED LAST MONTH: MY APOLOGIES!

DIGITAL NEWS & HAPPENINGS

Activity has continued to increase on the digital VHF front, with more stations becoming active on a weekly basis. Also, as the winter months give way to more acceptable temperatures for early morning operation, it appears that more operators are keen to try early morning skeds again. Believe me, it is not much fun getting up at 5.30am at temperatures several degrees below zero to listen for MS pings!

As the summer months approach there are likely to be several "mini-expeditions" operating digital modes around South Africa. ZS6JON has confirmed that he will be operating FSK441 during his monthly trips to Kuruman, and I will be doing my usual Christmas Expedition to Division 2, this time operating both 2m and 6m, FSK441 and JT44.

Pieter ZR1AEE has for some time been trying to set up an expedition in the Western Cape, and hopefully this will bear fruit soon. What with the Leonids Meteor Shower coming up in November, there will certainly be an upswing in FSK441 activity.

JT44 continues to grow in popularity and recent QSOs have underlined the dramatic effectiveness of this mode. Hal ZS6WB and Lee ZS5LEE have completed JT44 contacts on both 6 and 2 metres, and several Division 6 stations have completed contacts with Divisions 1 and 4 on 6 Metres.

EME contacts using JT44 are now

quite regular: signals from Lance W7GJ in particular are copied with ease by stations with single yagis (7 to 9 element) during our moonset.

As the TEP season approaches we have experienced a few DX openings into Europe over the past weeks, and several European stations can be worked via JT44. On the night of Saturday 17 August 2002 I worked ten Europeans (a 9H, 3 S5s, 2 Fs, an ON, a LZ, a EH and an IW) between 20h40 and 23h49 SAST – long after the band should have died for SSB contacts! Several signals were only barely audible – not registering on the S meter and certainly at best only marginal for CW – yet perfect decode was achieved!

NEW MODE COMING SOON

Joe Taylor K1JT, the author of WSJT, has the following comment on his website: "The long promised "EME Echo" mode in WSJT is now functional and will be ready for release soon.

In this mode WSJT transmits a tone of known frequency for 2 seconds, waits for the echo from the moon, and receives for 2 seconds, repeating the whole cycle every 6 seconds. The return echo is analyzed, integrated, and presented as a spectral plot.

Doppler shift is accounted for, and birdie-evasion techniques are built in. This mode should be a very useful tool for evaluating the performance of one's station. The example plot shows the echo return from my own station, using

an FT-847 barefoot.

The power output was 30 Watts at the antenna (4 x 9 el yagis, no elevation control). The integration time was 22 minutes, the EME path degradation 2.9 dB, and the measured signal level -37.6 dB relative to the noise in a 2500 Hz bandwidth." Please bear in mind that this was tested on 2m – most JT44 EME activity is on 2m.

CLUBS TAKING AN INTEREST IN VHF DIGITAL

Following the introduction of a digital mode category in this year's PEARS VHF Contest (which is regarded by serious VHFers as the Premier VHF contest of the year) two local clubs have shown interest in setting up Club digital operations.

The ZS6DDX DX Club did in fact operate during the past PEARS contest, and are busy improving their setup. The West Rand Amateur Radio Club (ZS6WR) have now begun looking at Soundcard Interfacing as a club project, and will certainly be operating the club station on digital during the next PEARS contest.

Concerted effort will be made to get the other Division 6 club stations operational too. How about the Eastern Cape?

DIVISION 2 HEARD IN DIVISION 6 ON FSK441

The first digital signals from a Division 2 resident have been copied in Division 6! Ken ZS2BWB was decoded with ease recently by ZS6Y in Johannesburg on 6m FSK441, but two-way contact was not possible due to a receive problem on Ken's side.

Ken is still using the version of WSJT which I gave him at Christmas, so a CD containing up-to-date software

has been dispatched to him. By time of publication I expect a two-way contact will have been completed.

DIGITAL 2m EXPERIMENTS – PARTICIPANTS NEEDED

Up until now the majority of tests using digital equipment have been confined to 6 metres, largely because the majority of the VHF enthusiasts are 6 metre operators. The advent of the JT44 mode has changed outlooks somewhat, and we are now looking more and more at the 2 metre band, and the large amount of 2 metre allmode equipment scattered around the country.


Recent research in Australia has indicated that 50W and a 7 element yagi horizontally polarized would be sufficient for 2 metre operation. Alternatively 25W and a longer yagi should also work. Also required is a PC with internet access and a suitable interface between radio and soundcard.

Anyone interested in tests can contact myself on (011) 704 1870 or Hal ZS6WB on (012) 991 2285.

ZR6DXB WEBSITE REVAMPED

My website has undergone a total revamp, and will continue to be restructured over the next few weeks. This webpage is dedicated to South African VHF operation, and includes all latest news, projects for VHF operators and a separate Digital page.

Links are also included for software downloads, and a number of tutorial files in Acrobat .PDF format are also available. The site can be found at <http://www.qsl.net/zr6dxb>.

That's all for this month. Hope to see you on my screen soon! 

**MINUTES OF THE MONTHLY MEETING OF THE PORT
ELIZABETH AMATEUR RADIO SOCIETY HELD AT St HUGHES
CHURCH HALL, NEWTON PARK, PORT ELIZABETH ON 16th
AUGUST 2002**

1. Present and Apologies

The meeting being held at St Hughes as an approval venue, no attendance register was available, but a list of those present was made. Apologies from ZR2AI & ZR2DJH. Beavan ZS2RL was in Durban following the death of Mel's mother.

2. Welcome

The Vice Chairman Chris ZS2AAW, welcomed those in attendance in spite of inclement weather conditions.

3. Acceptance of the previous minutes

Proposed : Gus ZS2MC Seconded: Lynne ZS2MM

4. Matters arising from previous minutes

None

5. Finance

The Treasurer, Clive reported that the finances were still in good shape and the expense claims for the VW Rally were still coming in from all quarters. Those who had not as yet submitted their claims were requested to do so ASAP.

6. Correspondence

In - Various club newsletters and claims for Rally expenses.

7. General

- a. The Lighthouse week-end was being arranged by Ewalt ZS2EHB and Bill ZS2ABZ who between them will be operating under the club callsign ZS2PE . All interested parties were welcome to join in the fun
- b. The meeting expressed their condolences to Mel and Beavan on the sudden passing of Mel's mother in Durban.
- c. Chris requested assistance for the INTECNET hook-up over the week-end.
- d. The venue for the evenings meeting was considered more than adequate by all present
- e. Chris then took feedback and comments from various members involved in the VW Rally
- f. The possibility of amending the meeting date from Fridays to a day of the week which the majority of members found preferable was raised at the request of the Chairman. It was agreed that the matter be brought up at the post bulletin net on Sunday for comment.

The meeting ended at 20.50 with refreshments supplied by Bill ZS2ABZ. 



Pearstalk

ISS TO GET TWO MORE AMATEUR RADIO ANTENNAS

The last two amateur radio antennas are scheduled to be installed this month on the International Space Station's Zvezda Service Module – the crew's living quarters.

The specially designed flexible-tape antennas will support amateur radio on the International Space Station (ARISS) VHF and UHF operation and are similar to an antenna installed last January by the Expedition 4 crew.

ARISS International Group Chairman Frank Bauer, KA3HDO, says current plans call for Expedition 5 crew members to carry out space walks (called extra-vehicular activities or EVAs) during August during which the two ARISS antennas could be installed.

The all-ham Expedition 5 crew members are commander Valery Korzun, RZ3FK, cosmonaut Sergei Treshev, RZ3FU, and US astronaut Peggy Whitson, KC5ZTD.

Bauer said once these antennas are installed and some tests planned for September are completed in Russia, additional ISS ham radio equipment will be installed in the Service Module.

ARISS initial ham station gear – a single-band Ericsson 5-W hand-held transceiver for 2 meters – is installed in the Zarya Functional Cargo Block (FCB) using an antenna initially installed to aid

docking operations and EVAs. The new VHF-UHF antennas and a flexible-tape HF antenna also installed on January 25 are designed for and dedicated to ARISS operations.

There is no HF gear aboard the ISS at this point. Installation of the new antenna on Zvezda makes possible two separate ham stations aboard Space Station Alpha and can provide multiband operation. Plans down the road call for installing HF gear at the ARISS station as well as higher power VHF and UHF equipment.

Packet operators are advised to stick with UNPROTO operations whenever possible and to use the Packet Mailbox System (PMS) only sparingly, if at all, for brief messages.

TECHNO-X EXHIBITION

The Techno-X exhibition, hosted by the Sasol Chemical Industries, is an educational initiative to promote learner's interest in the fields of Science, Technology and Engineering, to kindle an interest in these extremely important occupations, and hopefully inspire them to follow a related career.

It is also open to the general public, most of whom have little or no knowledge of Science and Technology. The Sasolburg Radio Club in conjunction with the Vaal Triangle Club planned to be operating a station at the

Techno-X exhibition from the 14th to the 21st of August. All the different modes of Amateur radio operation would be demonstrated and explained to the visitors.

SARL HF CW CONTESTS

The aim of the HF Contests is for participants to contact as many amateurs in southern Africa as possible on the 20, 40 and 80 m amateur bands. The CW activity took place on the last Sunday in August – 25 August 2002

Certificates are awarded to the first three places and the highest single band score in each contest. There is also a trophy for the highest combined score in both contests.

A trophy is awarded to the CW contestant in his or her first year of CW achieving the highest score. Candidates for this trophy must state the date of the issue of the licence on the summary sheet.

The Bloemfontein Radio Amateur Club has taken over the sponsorship of the SARL HF Phone and CW contests and thus all log summaries and logsheets for the 2002 contest must be sent to The Contest Committee, c/o Dennis Green, PO Box 12104, Brandhof, 9324. E-mail to hfcontest@netactive.co.za

THE END OF THE LINE FOR RADIO AMATEUR CALLBOOK.

Radio Amateur Callbook is throwing in the towel and will cease publication of its CD-ROM Callbook product effective with its winter 2003 edition, which will come out in November.

"Due to accessibility to the FCC database via the Internet, sales have declined to levels that make it

unprofitable to publish future editions," publisher Bob Hughes announced in a recent news release. In 1997, citing "rising costs and increasing demand for electronic publishing" the company phased out its telephone-book-size paper North American and international editions in favor of its CD-ROM product.

The 1997 Callbook – the 75th edition – was the last hard-copy version available. The Callbook began publishing in 1920.

2002 MOUNTAIN TRIAL

Over the weekend of 17 and 18 August members of the Bloemfontein Amateur Radio Club provided radio communication for the 2002 Mountain Trial.

This event takes place in the Aliwal North, Lady Grey, Barkly East and Elliot districts. The route for this rally, judged to be the fastest and most dangerous, crosses many of the gravel mountain passes in the North East Cape.

ANY 6M CHAPS OUT THERE?

Are there any stations still operational on 6m FM in Div 2? If so please contact Barry Murrell, at zr6dx@mweb.co.za. He is considering running an FM rig with a 4 el yagi fixed towards div 2, and he needs frequencies and stations active.

6M TEP SEASON UNDER WAY

The 6m TEP season is underway until the end of October. Last year the ZS2SIX beacon was reported regularly into Europe, so keep a listen out around early evening. DX Calling channel is 50.110, with CW operation between 50.100 and 50.110, SSB between 50.110 and 50.200.

BARRY WORKING ON ANTENNAS

"I have just finished my first stage of antenna erections – a 12m tiltover tower supporting a Cushcraft A4S HF Tribander with a 40m addon kit, as well as a 6M7 7 element 6m yagi (8.2m boom).

My second tower – a lightweight 9m rigid tower – will go up next weekend holding a 14 element horizontally polarized 2m yagi, a 30 element KLM 70cm yagi (also horizontal) and on a crossboom two vertical yagis, 10 el on 2m and 11 el on 70cm.

My 6m setup is quite good now – I use my TS570, with a Henry 2006A Amplifier capable of full legal power, with a preamp fitted for good measure!

I aim to try some 6m EME next month – need to fix my rotator first though. It looks like I have a broken ring gear.

Will be down again over Christmas – I will probably leave some antennas at my mother's place this time so I won't have to cart them with me all the time!"

AMENDMENTS TO RAE MANUAL

There have been some amendments to the RAE Manual since the second version was published. Those who bought the copies from PE and who require copies can please contact the Treasurer, OM Clive Fife ZS2RT, who holds the data.

Apart from one or two minor fixes, there is a short piece on harmonics.

JOTA

Ewalt ZS2EHB has written to Andrew Rabie School about the arrangements for the 2002 JOTA, which is to be staged there.

If anybody wishes to participate, please contact Ewalt.

LIGHTHOUSE WEEKEND

Ewalt ZS2EHB, Bill ZS2ABZ and Martin Ras, ZR2MR spent the weekend of 17-18 August at the Cape Recife Lighthouse operating special stations that they hooked up in conjunction with the Lighthouse weekend.

About 40 contacts, including ten to lighthouses, were made during the weekend.

NEXT RAE


The next RAE takes place on 17 October 2002. The closing date for the examination is 10 September. The application forms are available on the SARL website and *no* late applications will be accepted. Applications received after 10 September 2002 will automatically be held over until the first RAE in 2003.

SARL VHF/UHF CONTEST

The second leg of the SARL VHF/UHF Contest will be held over the weekend of 21 and 22 September 2002, starting at 12:00 on the Saturday and ending 24 hours later at 12:00 on the Sunday. Activity will be on the 6 metre, 2 metre, 70 cm and 23 cm amateur bands.

The rules of the contest as well as the general rules for SARL contests are available on the SARL website at www.sarl.org.za.

2003 SARL AGM IN BLOEMF'TN

The annual general meeting of the SARL will be hosted in Bloemfontein next year. It is too soon to announce arrangements at this time. 

Condolences – We are sorry to hear of the passing of Steve Stevens, ZS2GU, recently after a long period of ill health. Our condolences go to his wife, Margaret, and their offspring.

We were also distressed to learn of the passing of Mel's mother in Durban. She had had a second stroke. Our sympathy goes to you and Beavan, Mel.

Congratulations...

on your birthdays:

September

- 22 André Mulder ZS2AJ
- 26 Yoors Trooly ZS2HB
- 27 Norman Dowler ZS2XF
- 27 Johan Terblanche ZS1I
- 27 Ewalt Bouwer ZS2EHB
- 28 Glen Cummings ZR2GV

October

- 5 André Roets ZR2AR
- 6 Colin Ashwell ZS2AO
- 6 Barry Griggs, XYL of ZS2ABK
- 8 Vanessa Scarr ZR2VM
- 8 Raphey Schauder ZS2SP
- 9 Ewan Mathieson ZS1EM
- 9 Pamela Koen, XYL of ZR1JAC
- 10 Anne Dowler, XYL of ZS2XF
- 12 Neil Thomas ZR2NT
- 12 Bert von Rahden, ZS6LP
- 13 Santie Greyling, XYL of ZS2ACG
- 15 Morag Maynard, XYL of ZS2RE
- 16 Greg Maynard ZS2RE

on your anniversaries:

September

- 22 Anne ZR2ABC & Vic Olivier ZS2SZ
- 23 Joey & Desmond Pettit ZS2ABU
- 28 Marjorie & Dudley Forsyth ZS2AW

October


- 3 Susanna & Mike Bosch ZS2FM
- 3 Maria & Anthony Marran ZR2AI
- 4 Carin & Mark Hugo ZR2M
- 6 Judy & Ken Tremeer ZS2BWB
- 9 Kay & Fred Strutt ZS2JS
- 10 Joan & Bill Browne ZS2BY
- 10 Anne & Terence van der Linden ZR2VDL



Sick Parade: Colin ZS2CU in Cuyler Clinic with a lung problem, Neville ZS2NV in East London for a hospital check-up. We hope you chaps will be up and about soon.

Travelling: Mike ZS2JJ and June Jones, ZS2MJ, are visiting their 7-month old grandson in Johannesburg from 5 to 17 September. Congratulations on the little one, you two!

Garth ZS2HB and Elize are visiting the Namaqualand Daisies again, which are thought to be especially good after all the Spring rains.

Doing his CW: Neil Thomas, ZR2NT, is hard at it, learning his CW for his ZS licence. Good luck, Neil! 

Your Society's Committee

Chairman, Awards	Beavan Gwilt ZS2RL	360-6968	gwilt@telkomsa.net
Vice Chair, repeaters, packet,	Chris Scarr ZS2AAW	368-1344	cvscarr@intekom.co.za
Secretary	Cyril Hislop ZR2H	360-8482	
Treasurer; Assets Control.....	Clive Fife ZS2RT	367-3203	cfife@freemail.absa.co.za
Social, Refreshments.....	Bill Hodges ZS2ABZ	581-2580	
QSX Editor	Garth Laaks ZS2HB	368-1101	glaaks@iafrica.com
QSX distribution (ex comm).	Trevor Scarr ZS2AE	367-1746	
Technical Classes, RAE (ex com).	Al Akers ZS2U	360-2983	
Special Events.....	Ewalt Bouwer ZS2EHB	933-3482	

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.....
Craddock	* 145,050/650	Uitenhage.....
Grahamstown	* 145,150/750	

* These form the PEARS long-range 2-metre repeater system, also linked to which are East London 145,775 MHz, 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 WCRWG system. # These can also be linked as required.

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, FSK) (horizontally polarized, 160W ERP.).....	144,415
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 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 as well as Cradock and environs. PEARS' 7098 or 3640 kHz transceive facilities are also remotely linked as needed. In addition, the SARL'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
8	ZS2RT
13	ZS2EHB
22	ZS2ABZ
29	ZS2RL
6 Oct	ZS2AAW
13	ZR2H
20	ZS2RT

<u>DIARY DATES</u>
<u>SEPTEMBER</u>
19 PEARS monthly meeting (this is a THURSDAY night!)
21/22 SARL VHF/UHF contest
<u>OCTOBER</u>
3 Wrinkley Rave

* We Like Being Your Society! *