

THIS NEWSLETTER IS PUBLISHED BY THE
PORT ELIZABETH AMATEUR RADIO SOCIETY

P.O. BOX 10402
LINTON GRANGE
6015

November 1996

NOTICE of MEETING

The monthly general meeting of the **PORT ELIZABETH AMATEUR RADIO SOCIETY** will be held on **Friday, 15 November 1996**, commencing at 20:00 (8pm) in the Municipal Disaster Management Centre in Westview Drive, Mill Park, Port Elizabeth (also known as the Civil Defence Centre).

As we go to press we are not sure what will be on the menu, but Viv hopes to have an interesting guest speaker organised for us.

Tea and coffee as well as munchies will be laid on by ol' faithful Bill ZS2ABZ.

Technical Talk

Remember to attend the tech talk on Wednesday, 20 November at the clubhouse. Viv is also still trying to arrange for a speaker but, whatever he comes up with, you can be assured of an interesting evening among people with interests similar to yours.

Roll up and enjoy the evening.

HELP WANTED

A "new" prefab hut is to be installed and refurbished at the repeater site at Governor's Kop outside Grahamstown on Tuesday, 19 November. Help is required please, so if you can offer your services on that date, please contact Chris (Toff) ZS2AAW at = (041) 38-1344.

Chris managed to acquire this more spacious structure which will be transported to the site for us from Alexandria on that date, hence the weekday project.

VHF FM DX WATCH

Make a point of monitoring *and calling on* 50.450, 144.450, and 432.450 MHz for possible long-distance contacts. Use horizontal polarization of your antenna if possible.


Mike Bosch ZS2FM, with the support of the SARL, is propagating the use of these frequencies (which are actually in the SSB parts of the bands) to enable operators with only FM rigs (that's most of us!) to possibly pick up some of the "big guns" who use

horizontal beams peaking at the lower ends of the bands. (See Mike's article on page 13 of the October issue of Radio ZS, and contact him for more information if you need it.)

The idea has caught on and there are many stations around the country now monitoring and calling on these frequencies.

■ If you have "local" chats on these frequencies, leave good gaps between overs to listen for possible weak signals from afar. Ω

A Word from the Chair

 **y the time our members read this**, we will be well into November and on the threshold of the festive season. Schools close very early in December and within a day or so of this happening, visitors will start invading the area.

Many of these will be equipped with two metre rigs. Some will call, looking for advice or directions, whilst others will merely monitor the channels.

Hopefully the locals will most certainly monitor the channels or at least the "Slipper" frequency which, given the linking network, offers the most effective coverage.

Let's try to build on the "Friendly City" connotation.

Recently a visitor wrote to the editor of our morning newspaper complaining that PE was no friendly city. Can we work at rectifying this problem? Please, let us try.

Apart from the "friendly" aspect, there is a far more positive spin off, namely activity on the frequencies. The private sector has been ogling this band for some time now, and lack of activity strengthens their case.

Now, more than ever, is the adage "Use it, or lose it" so appropriate.

73,

Dick ZS2RS

Visit to Western Region District Council Control Centre

The visit to this Disaster Management Control Centre is scheduled for **Tuesday, 19th November** at 19:30 at **Greenbushes**. To get there, ride up Cape Road to the Greenbushes Hotel and turn left into the Seaview road. Soon after crossing the railway line, turn left onto the tar road, which takes you to the Control Centre a few hundred metres down the road. Please do be on time.

New Members

We wish a somewhat belated welcome to Bert ZR2USA, Alex ZR2T and André ZR2BC, who have also joined Hamnet. Welcome, and nice to have all of you aboard.

Hamnet Membership

It seems that some members feel that Hamnet is essentially for ZS licensees. There may well be other misconceptions among members. So how *does* Hamnet function? Where radio amateurs really come into their own is during major disasters when normal emergency services have their communications capabilities stretched to the limit or even out of action. Under these circumstances, amateurs rendering assistance will be using two metres and maybe some HF communications. Only rarely is it likely that HF will be largely or exclusively used.

Amateurs may also serve a useful purpose during normal emergency situations such as car accidents if they are the first to arrive at the scene and can call emergency services. Again, the most likely option is two metres, with the possible necessity to use HF. They may be of help afterwards too.

Another way that amateurs can be of help is monitoring traffic during holiday peak periods and passing this information on to the National Traffic Information Centre. This could be done directly from the monitoring point on HF or it could be passed on to a base station on two metres and the base station will pass it through on HF.

My guess is that 80% to 90% of emergency communications will be handled on two metres, so there is plenty of room for ZR members. Even unlicensed members could be of help, albeit to a limited extent. This could be copying down messages, delivering them, erecting and dismantling stations, looking after the welfare of operators etc., all of which are important enough functions.

Module 1. General Operating Procedures.

- When transmitting, hold the microphone close to the mouth and at right angles to the mouth so that you speak past it, not into it. Speak slowly and distinctly and keep the voice level constant. Know what you are going to say before commencing a transmission.
- Do not walk around or drive around when transmitting from fringe areas. Choose a spot from which you know you are getting through and remain there for your transmission. Know where you are so that you can inform net control if required.
- When relaying messages, pass them on exactly as you receive them. Where necessary, use the phonetic alphabet.
- Avoid angry comments or obscene language. Forget humour in an emergency. Watch certain words which sound almost like the opposite meaning. When transmitting numbers, give them in order i.e. "one two three four five", and not "twelve three fortyfive".
- Always acknowledge calls, instructions etc. so that the other station knows that you have received them. Make sure first that you have received them properly. Restrict your transmissions to passing of necessary information only. Always keep a monitor on the net frequency. If it is necessary to leave your station for a while, get someone else to monitor or, if possible, inform net control that you will be away, and for how long.

73

**Al Akers,
Provincial Director,
Hamnet East Cape**

Ham Radio loses a Stalwart

With the passing of OM Reno Faber ZS6OF on 13 October after many months of ill-health, Amateur Radio, the SA Radio League and amateurs in general suffered a severe loss.

Reno was a leading light in ham circles as far back as my own serious association with the hobby goes – back to the mid 1940's. His face and friendly smile was a familiar sight at all the AGMs and similar functions, and his bubbling personality contributed much to the social atmosphere that used to prevail at such gatherings in the 'good old' days.

Reno served the hobby well in various ways, both on and off branch committees, and was elected to the Council of the SARL, rising to become President as well as serving the HQ office as General Manager. He later assumed responsibility for administering the RAE examinations, including setting and marking the papers.

Surprisingly, but perhaps typically, Reno's voice rang out at his own funeral as he bade all his friends farewell via the medium of a tape recording which he had prepared just weeks before his passing. He expressed his appreciation for all the fellowship and camaraderie that he had enjoyed from the many friends made through his activities in ham radio circles over the years.

His presence will be missed at future League functions, just as his voice has already been missed for some months on the SARL's Sunday bulletins, which he had read regularly for many years. Sadly, things just aren't the same any more. Farewell, old friend.

To Dot and family we express our profound sympathy.

GARTH LAAKS ZS2HB



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The Packet Scene

As many packeteers will know, our BBS went silent on the evening of 22 October when the power to the site tripped. When it was restored the following afternoon, the BBS still failed to come on-line due to a 40A fuse having blown in the PSU feeding the HF rig and TNCs. Chris suspects that the fuse was "taken out" by the electrical storm that hit the district on the evening of 22 October.

Unfortunately the restoration was short-lived as, the very next day (24th), the charger AC fuse blew and the batteries, having only had half a recharge, went down again. Chris decided to make up a low-voltage disconnect module to preserve the batteries in future. He has attended to the mains fail alarm, which sounded only once on the 22nd instead of at regular intervals.

Falling voltage on the backup batteries for the radio gear also pointed to the need for an extra cell or two to keep the regulators functioning properly. Neels ZR2ABT has helped with some larger batteries for Slipper and might have his arm twisted for another set for Governor's Kop.

The Rose switch was re-installed on its site near Grahamstown on 3 November and tests by local users found it to be working extremely well - perhaps the best comms that we have had via the digi and certainly faster. One is not aware that one is going via a repeater.

Chris thinks it may be possible to install the digi/rose equipment at the voice repeater site again with sufficient filtering, perhaps using the duplexer that Wolf constructed. That could open the way for packet access to other areas.

By the time you read this, Jim ZS2LR and the BBS will be doing their forwarding on 70cm, so users of 144.625 have a "free" channel at last. "Enjoy", says Chris, and we respond with a great "thank you for all your ongoing efforts, Chris and your team."

- By the way - Chris asks whether anybody has a pack of fuses that he can leave as spares in the shack up on Slipper. Really, Chris! I would have expected you, as a topflight electronics engineer, to see the obvious solution - fit all ten fuses *in parallel* so that, when one blows, the next one will be right there to take over. No need to go up the mountain for a long time.

A little LED wired across each fuse would quickly show you which one has blown when you *do* visit the site, so you won't need your little bulb and two crocodile clipleads to check for continuity. Be sure to connect the LEDs right way round though, Chris.

... and a Voice Repeater change

Chris will be visiting Knysna in the near future for a little maintenance. Also, he will change the 650 repeater to a new channel - 145.150/145.750. This has been necessitated by QRM between repeaters on the site.

Please bear this in mind if you suddenly find no response on the old channel.

The DTMF tones for switching the repeater in and out will be announced if and when they are to be changed. **Q**

Fiddlers' Corner

APPARENT SWR

You may have been confused upon discovering that different SWR readings can be obtained when the SWR meter is moved from one place in the feedline to another. For example, your Transmatch (antenna matcher) may have a built-in SWR indicator, and you also have a separate SWR meter in the line a few feet from the tuner. You adjust the Transmatch to yield an SWR reading of 1:1, but the other SWR indicator reads 1.5:1. How can this be?

The answer is simple: both meters will indicate the same SWR only if the line is matched perfectly to the antenna. This means that an SWR of 1:1 must exist at each end of the feed line. During this condition the line is considered to be flat in terms of SWR. If, however, the feeder is not properly matched to the antenna, the true SWR may be 1.3:1, 1.6:1 or some other ratio.

This causes standing waves on the feedline, and there will be non-uniform voltage and current distribution along the line. Various SWR readings may be obtained, depending upon just where the meter is inserted in the line. In situations like this it is best to adjust the transmatch for an SWR of 1:1 as observed on the built-in SWR indicator.

We must remember also that most antennas are matched to the feedline over a very narrow frequency range. As the operating frequency is moved from the resonant frequency of the antenna – and we must presume that the antenna was matched to the feeder at that frequency – the SWR will rise. So, even though there is a perfect match at one frequency within a ham band, the SWR may be relatively high in some other part of the

band. This will cause the disparity in SWR readings when the instrument is moved from one point in the line to another.

The ideal location for an SWR meter during matching adjustments at the antenna is where the feeder connects to the antenna. If this is not practical for you to do, use a half wavelength of coaxial cable (the velocity factor must be observed when cutting the line to length) between the antenna feedpoint and the SWR meter. The 1/2-wavelength (or multiple thereof) line will “repeat” the impedance that is present at the antenna feedpoint.

An example of a 1/2-wavelength line when using RG-58A, for example, is a length that is based on $492/f(\text{MHz}) \times 0.66$. The figure 492 is for a free-space half wavelength, and the 0.66 figure represents the velocity factor for RG-58A and other coaxial lines. Thus, a half-wave line for 7.2 MHz would be $492/7.2 \times 0.66 = 45$ feet and 1-1/4 inches.

[From W1FB's ANTENNA NOTEBOOK, Published by the ARRL and available from the SARL Bookshop.]

Reviving stretched drive belts: Gerhard ZS2UM has successfully restored stretched PVC recorder drive belts as follows: Put them in a pot of water, bring the water to the boil and immediately let it cool for about three hours, then repeat once or twice. The belts that he restored in this manner have been working FB for some six months now. Q

The best time of the year for tropospheric propagation is from about mid December through to February. These openings make possible contacts with stations in East London, King William's Town, etc. or even further afield. If you are not already prepared for such openings, with suitable equipment and antennas, then now is the time to do so.

A QSO Party is being planned for mid January, which may well result in a marked increase in VHF activity for that period. Full details will be published in the December QSOX. Mike ZS2FM is trying to stir up interest in FM DXing countrywide, which may also result in increased activity over the next few months. Do join in – the more the merrier.

There are a number of plans for various beams and the newcomers, or even some of the oldtimers, may well find it difficult to decide which is the one to go for. Here is information on beams which have proved themselves. What's more, they will be displayed at the next general meeting. It is always better to see what they look like when one wants to build them.

Two Metres

While vertical polarization is generally used, especially for mobile operation, the stations interested in long-distance work use horizontal polarization. This may seem to be a problem but the answer, especially for portable beams, is to construct the beam so that it can be used vertically or horizontally. This can be discussed in more detail at the meeting.

Non-gain antennas can be used to good effect, but antenna size at two metres is

so small that it is easy to make some sort of beam. However, the higher the gain required, the larger the antenna becomes.

A good compromise, especially for portable operation, is the five-element parasitic beam shown in figure 1. This beam has a gain of 9dB. The boom must be made of insulating material such as PVC or wood.

The coaxial cable screen is connected to the centre of the driven element and the shorting bar on the gamma section is set at 70mm.

Tune the trimmer for minimum SWR. If this is not low enough, alter the position of the shorting bar and adjust the trimmer again for minimum SWR. Repeat this process till you get the lowest SWR.

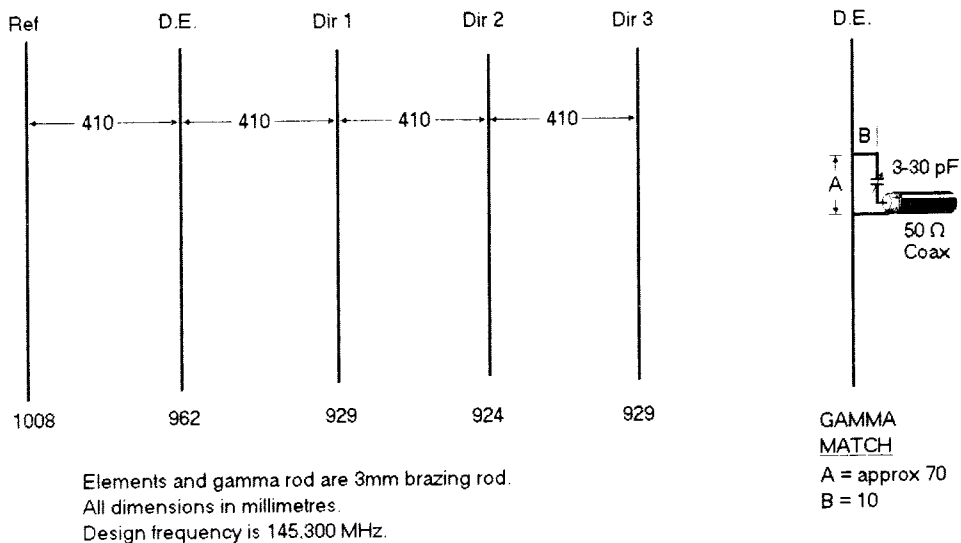
Six Metres

The answer to the polarization question here is simple – use horizontal. Figure 2 shows a plumber's delight type of construction, that is a metal boom. The gain is 7dB.

The same process is used to adjust the gamma section for the best match.

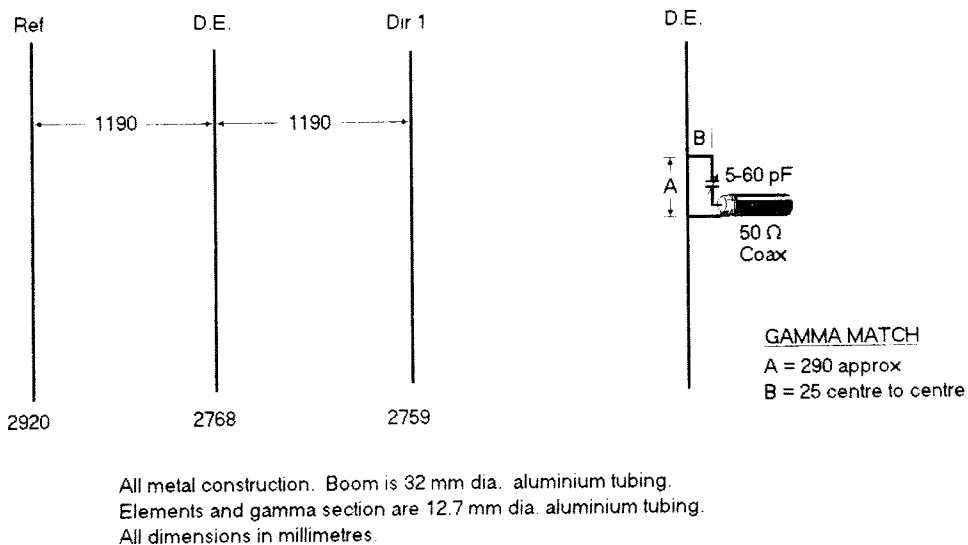
Good luck with your building.

Ω



5 ELEMENT TWO METRE BEAM

Fig. 1



3 ELEMENT 6 METRE BEAM (50.450 MHz)

Fig. 2

PEARS PEELED

ERRATUM – Soldering Iron Saver

On Page 8 of last month's issue the wire labelled "To soldering iron line" should actually have been shown connected to the NC (Normally Closed) terminal, and not the NO (Normally Open) one. It took the likes of Bryan ZR2BG to figure that out and bring it to our attention. Tks Bryan.

We're obviously in good company – the drawing was accurately based on one in an internationally renowned magazine, so **DON'T BLAME ME!**

BLAME ME

Last month's issue of this august Newsletter carried the dateline **SEPTEMBER** on the front cover instead of – yes, you guessed it – *October*. Clive explained in his bulletin – rather eloquently, I thought – that the issue you received in October marked September was in fact the October issue, whereas the one you received in September marked September was not conversely the October issue but actually the September one.

Please amend your copy so you don't get more confused in the future. To help you, here is a new dateline that you can simply cut out and glue over the error. Now you don't get *that* kind of service *everywhere*, do you?



October 1652

Next month we'll tell you how to make a suitable glue using flour and water.

How many hams...

...does it take to open a can of beans?
Two – plus one mother-in-law. If you're

a Mosley, that is. Gail Mosley ZR2SGT broke an arm recently and had it in plaster. Then Chick inadvertently amputated a cm or so of his right thumb at the saltmine. The midget digit was duly sewn up and swathed in bandages and the bad news is that he temporarily could not operate his electronic keyer.

Unfortunately, Gail's mom also had one arm in a sling and, like the other two in the family, couldn't open the food cans alone. So Chick holds the can, Gail holds the opener and ma turns the handle.

Gets a little crowded around a little can of beans, I can tell you.

Thanks

Hettie Thompson, XYL of the late Royden ZR2ABF, asked that her appreciation and that of her family be expressed to all who telephoned or visited them during and after Royden's passing and who attended the funeral in Grahamstown. They will continue to listen to the chitchat on 2 metres and Hettie and daughter Carmen are considering going for their ham tickets. It would be great to have them join in, so we hope you Grahamstown chaps will give them every encouragement.

Subs – have you coughed up?

Like we said last month, if you have not renewed your PEARS subs, we will have to rub you out before the December issue of QSX is posted because it costs a lot. So, dear friend, this is definitely your last copy of QSX if you do not act *quickly*. You wouldn't like to miss the Christmas issue of this Newsletter, with Santa Claus and little bells and things, would you?

On the SARL front, their low renewal figure is rather disappointing albeit widely predicted, the last actual figure that we heard being 1560 members as at 13 October 1996, compared with some 2200 the previous year. The target for this year, according to a recent SARL bulletin, was apparently 3000 but there is obviously no hope of this figure being reached unless everybody goes out of his or her way to persuade more hams to join. *Have you renewed? We do need a strong organisation to represent us nationally and internationally.*

The total number of amateur licensees in the RSA is reported to be 6273. There are some 2,6 million worldwide, half of them being in Japan (1,3 million station licences) and a League membership of 194 000, while the ARRL can boast of 172 000 members. The IARU's Region 1, (Europe, Africa, the Middle East and the former Soviet Union) has a total of about 417 000, Region 2 (the Americas) 780 000 and Region 3 (Oceania and Asia) about 1.4 million.

Our Badge

At last month's meeting members voted on the latest variations for our Society badge as suggested at the SGM and the version that was finally decided upon appears on the cover of this issue. The central motif was based on a suggestion by Clive ZS2RT.

Members of PEARS may use the badge on their QSL cards and stationery and may replace ZS2PE with their own callsigns if they so wish.

Licence Fees up

Your ham licence will cost you R27 next year, while repeaters and beacons go up to R48. These fees have not been increased for several years and the negligible hike is

well worth the great enjoyment that we derive from our licences.

Of course, the large number of repeaters in our Eastern Cape system do cost us a fair penny and this will now rise further, so it is even more important that those who use them should contribute by being members of the Society. If any of your friends use the repeaters regularly but are not members, it behoves you to remind them of their obligation.

Kamikaze Hams?

In a packet message about the plans to set up a special station on Seal Island last month, our intrepid Bud ZS1B sketched the difficulties that landing on the island present. He wrote: "Last week the winds there were 120kph with very choppy seas which would have precluded landing. Several 4 metre sharks were around waiting for someone to fall in off the rubber boat. *Fortunately some of the local hams have volunteered to help...*"

How does it go in that classic piece ... something like "Into the Jaws of death rowed the live hors d'oeuvres"?

Whatever. I just hope all animal lovers in the deep South will note with due appreciation the great sacrifices that their local hams make to satisfy the appetites of the Cape sea life.

What's a Newsletter for?

From time to time club newsletters comment on wayward procedure, operating practices or behaviour on the air. Regrettably, a small number of their readers dislike such reminders, preferring to be left to do things *their* way, even if it is the wrong way.

But what *is* a newsletter for? Should it be just another insipid, sterile document

reporting dryly on past happenings and reminding members of coming events? Or should it be a dynamic tool of the club, helping and guiding those who are perhaps unwittingly doing things in less than proper fashion and thereby setting poor examples to others?

Should newsletters endeavour to preserve the true character and high standards expected of and by the organisation that they represent – especially one that is supposedly self-disciplining – or merely shut its eyes and let members become part of the downslide caused by sloppy use of the ham bands?

With the vast loss of subscribers to Radio ZS, club newsletters have an even more important rôle in maintaining standards in our hobby, and it is satisfying to see that some of our sister newsletters are also playing their part.

Remember, you are often heard by non-hams, many of whom are themselves professional radio operators, and they must wonder what all that amateur gobbledygook is about. It does nothing for the image of Amateur Radio or our claim to be efficient operators. With this in mind, hopefully members will accept the occasional thoughts in club newsletters in the spirit in which they are given.

JOTA – the future?

The event on 19 October was a little disappointing so far as PE was concerned, only about 20 QSOs having been possible on the day that we operated due to propagation conditions, a heavy noise level from a nearby power line, and what seemed to be a rather smaller turnout of JOTA stations than in previous years.

There is no doubt that the romance of radiocommunication is a thing of the past for the modern youngster and those whose

interest lies in communication alone tend to find the Internet more exciting. Again, as with so many other amateur projects to involve the youth, the whole thing has perhaps been our own collective fault – we have concentrated almost exclusively on the *chat* theme and seldom used the occasion for exposing youngsters to the exciting other aspects and challenges of ham radio and electronics.

We are not alone in asking *whither JOTA?* Many others have raised the question and most have misgivings about the active promotion of Internet by the organisers of JOTA in various centres.

Perhaps the time has come for JOTA to give way to JOTI and let the scouts enjoy themselves in front of their computers instead of a noisy radio – in other words, just like any other day for many of them!

Certificate of Merit

At the past few A(S)GMs your Editor has received certificates of merit for the production of QSX. As film stars are wont to do when receiving an Oscar, I would like to remind readers that QSX would be nothing without the valuable help from the many contributors of articles. All I do is put the lot together and write a few bits here and there.

Viv ZS2VM in particular ensures that we have technical articles every month for the centre pages, if necessary twisting a few arms, while Trevor ZS2AE has the rotten job of collating the pages, stapling, folding, sticking on the labels and mailing the newsletter. Others write regular pages too or lend support in other ways.

So the Certificate of Merit is not for me, but shared by all who have a hand in the final product. When you enjoy reading your Society newsletter, give a thought to these backroom boys who make it all possible – and our *newsmakers* about whose activities we report. **Ω**

MINUTES OF THE GENERAL MEETING OF THE PORT ELIZABETH AMATEUR RADIO SOCIETY, HELD AT THE MUNICIPAL DISASTER MANAGEMENT CENTRE, MILL PARK, PORT ELIZABETH ON FRIDAY, 18 OCTOBER 1996

Present & Apologies: As per attendance register.

Welcome: The Chairman, Dick ZS2RS, welcomed all members to the general meeting. One minute's silence in memory of Roydon Thompson ZR2ABF and Reno Faber ZS6OF was observed by the members.

Guest Speaker: In order to accommodate the guest speaker, Basil Paul, from PE Technikon, the order of the meeting was reversed, and he was welcomed and invited to take the floor before the business portion of the meeting. He gave a most interesting talk, primarily about digital filters used in signal processing, the subject matter of his thesis at the Technikon. Basil is the grandson of the well-known Oldtimer HB Lanyon-Paul ZS5IF.

Minutes of the Previous Meeting: The minutes as circulated in QSX were adopted: proposed by Viv ZS2VM and seconded by Owen ZS2AZ.

Matters Arising: None.

Finance: The Treasurer advised that R2000 had been transferred from Savings to the Investment account, the present levels being R2774 in Savings and R15 452 in the Investment account.

Correspondence: Two communications of importance were received. A letter from the Chairman of SATEPSA referred to the donation of redundant radio equipment by Transtel, initially directed towards the Ham fraternity through ZS2SZ but later taken over by SATEPSA.

Vic ZS2SZ explained how he had been approached by Transtel to collect the scrap material which was about to be dumped and how he and Trevor ZS2AE had inspected the scrap and also other equipment in the store for which an offer to purchase was invited. Subsequently, the scrap offer to the Hams was withdrawn as well as the verbal request to the Hams to submit an offer for the gear in store as he was advised that the Chairman of SATEPSA had informed Transtel that all equipment had to be directed to the SATEPSA Committee for disposal. After discussion during which dissatisfaction of the way the matter was handled by SATEPSA and Transtel was expressed, it was decided that no further action would be taken.

A communication from Bud ZS1B promoted the use of calling frequencies for long distance VHF/FM propagation tests in support of a proposal by Mike ZS2FM that had been accepted by the SARL. The frequencies to be used are 50,450 MHz, 144,450MHz and 433,450MHz.

General:

- 1 The Chairman had brought along scrap computer boards, printers etc. and invited a small donation to the Society from anybody wishing to remove any of the "scrap".
- 2 JOTA: Assistance in erecting a station for JOTA to be held the next day was requested by the Chairman. Operators would also be required for the Saturday only.
- 3 Members were reminded of the Technical Meeting scheduled for 23 October where Mike ZS2FM would speak on long-distance VHF propagation.
- 4 Portacamp enclosure: Chris ZS2AAW advised that he had secured a Portacamp "office" to serve as a new enclosure at the Grahamstown repeater site. He requested authority to cover the cost of transporting the unit from Alexandria to Grahamstown only from Society funds, estimated to be R300. This was approved by the meeting.
- 5 QSO Party Certificate: The Senior FM-only section was won by Des ZS2ABU and the certificate was duly presented to him by Al ZS2U. He was congratulated by the Chairman.
- 6 Garth ZS2HB presented two derivatives of the basic Society logo selected at the recent Special General Meeting. The final proposal was decided by vote, and duly approved by the meeting.

There being no further business, the Chairman closed the meeting at 22h10.

Ω

Silent Keys— OM Royden Thompson passed away on 9 October after a long illness, which we thought he was getting the better of. To Hettie and family we extend our deepest sympathy. Royden will be missed. Reno Faber ZS6OF, former President of the SARL, went silent on 13 October, also after a long battle with poor health. Our heartfelt sympathy goes to XYL Dot and family. (See Page 5)

Congratulations

on your birthdays:

November

- 19 Henk-Jan Busse ZS2-273
- 26 Jeofrey de Reuck
- 26 Fred Strutt ZS2JS
- 27 Bob Urquhart
- 28 Gerald Taylor ZS2AAX

December

- 1 Ronnie Drescher ZR2AD
Rowland Mash ZS2-067
- 5 Clive Fife ZS2RT
- 6 Lionel Coombe-Davis ZS2DD
- 10 Lou Middendorp ZS2UI
- 12 Phil Bothma ZS2B
- 13 Kay Strutt XYL of Fred ZS2JS
- 14 David Butcher ZR2DCB
- 15 Bryan Haefele ZR2GB
- 18 Anne Olivier ZR2ABC
Liezle Allen XYL of ZS2SNA
- 20 Marlene Ashwell ZR2ED
Marlene Gray XYL of Andrew ZS2G
- 21 Paul de Vos ZS2ABY
Ron Clarke ZS2MF

on your anniversaries:

November

- 18 Liezle & Sean Allen ZS2SNA
- 20 Shirley & Stoffel Carr ZS2C
Mel & Beavan Gwilt ZS2RL

December

- 8 Lucia & Eddie Coetzee

- 9 Dot & Vic Plumridge ZS2VP
- 10 June & Mike Jones ZS2JJ & ZS2MJ
- 12 Jane & Clive Fife ZS2RT
Gail ZR2SGT & Chick ZS2LM
Mosley
- 13 Martie & Dick van der Berg
ZR2ABH
- 16 Marlene & Colin Ashwell ZR2ED &
ZS2AO

on your new callsign Ewald Bouwer ZS2EHB (ex ZR2ABN). (Note—Will all who receive callsigns please tell us about it!)

on your contest achievements

Bud Voortman ZS1B (winner of single operator mobile class) and Al Akers ZS2U (winner: single operator portable) in the Hamnet Simulated Emergency Contest.

Pick list: Gail Mosley ZR2SGT broke an arm, wherafter husband Chick chopped off a chunk of his thumb at the saltmine.

René Roebert, XYL of Neville ZS2NR, expects to enter hospital soon for an operation. We wish you a speedy and complete recovery, René.

Travelling: Julie ZR2EY and Trevor Scarr ZS2AE are off to Cape Town for a week or so. Talk about itchy feet!

Your Society's Committee

Chairman; Special Events	Dick Schönborn ZS2RS	38-5070
Vice Chairman, Repeaters, Packet	Chris Scarr ZS2AAW	38-1344
Secretary	Beavan Gwilt ZS2RL	30-6968
Treasurer; Assets Control	Clive Fife ZS2RT	32-3203
assisting with Assets Control	Lynne Crothall ZS2MM	35-4671
Social, Awards	Viv Moore ZS2VM	30-4433
assisting with refreshments at meetings	Bill Hodges ZS2ABZ	51-2580
QSX Manager	Trevor Scarr ZS2AE	32-1746
assisting as QSX Editor/layout	Garth Laaks ZS2HB	38-1101
Technical Classes	Al Akers ZS2U	30-2983

PEARS' VHF & Other Services

REPEATERS

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

* East London's repeater on 145,125/725 MHz is linked to PE's coastwise 2m repeater system.

OTHER SERVICES

Packet Bulletin Board (ZSØNTP)	144,600
Packet Rose Switch (ZSØGHT-3,046101/046102)	144,675
2m Beacon (ZS2VHF CW ID)	144,910
6m Beacon (ZS2SIX CW ID)	50,005
6m Link with Lady's Slipper 2m Repeater	51,400
Wefax Relay (Meteosat)	145,350

Sunday Bulletins

PEARS bulletins are transmitted on Sundays immediately after the SARL English transmission, i.e. at about 08:45, on 7098 kHz as well as the 2 metre linked network that provides coverage from East London to George and environs via repeaters on 145,750 MHz (Grahamstown), 145,700 (PE Slipper), 145,650 (Knysna) 145,700 (George) and East London's 145,725. PEARS' 7098 or 3640 kHz transceive facilities are also remotely linked as needed. Alternatively, the SARL's 40m transmissions on 7082 or 7066 kHz can be patched in for automatic relay to the 2m system.

Date	Prepare and Read on 145,750
10 Nov	ZS2AE
17	ZS2RS
24	ZS2RT
1 Dec	ZS2VM
8	ZS2U
15	ZS2AAW

DIARY DATES

NOVEMBER

15 PEARS monthly meeting

20 Technical Gathering

DECEMBER

No Meeting or Tech evening

Monitor for visitors' calls

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