

THIS NEWSLETTER IS PUBLISHED BY THE
PORT ELIZABETH AMATEUR RADIO SOCIETY

P.O. BOX 10402
LINTON GRANGE
6015

November 1998

NOTICE OF MEETING

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

If all goes according to plan, a speaker from the Traffic Department will tell us something about their radio and radar systems.

Refreshments (tea, coffee and bikkies) will be available, thanks to OM Bill ZS2ABZ.

Technical Evening

Listen to the PEARS bulletins to determine whether there will be a get-together on the 19th November.

Last month's event was cancelled

due to inadequate advance interest although, as it turned out, several less regular attendees had planned to be there.

CHRISTMAS DINNER

We have reserved the top deck of the Zwartkops Yacht Club-house for a Christmas dinner (midday) on Sunday, 6 December. A five-course meal will cost R35 per adult and R14 per child under 14 years (very small children will probably get their meals free!)



A bar will provide drinks at your expense, although we might prevail upon our Treasurer to dip his hand into the PEARS till for a round of wine or champers.

It is imperative that we know well in advance how many souls should be catered for and, indeed, whether there is sufficient support to make the thing viable.

Please contact Dick Schönborn ZS2RS without delay if you wish to attend, indicating numbers. Kindly also let him have your cash soon, if possible at the Club meeting on 20 November. His phone number is 38-5070 (home).

Wrinkly Ravers

Please note that, because you are all expected to attend the Club's Christmas dinner at the Zwartkops Yacht Clubhouse on 6 December, there will be no Wrinkly Rave in December! But take things easy over the festive season and we'll see you in January.

(If any of you old geysers fail to turn up at the Christmas do, we'll take away your hearing trumpets and de-activate your rocking chairs).



A Word From the Chair

It is great to know that there are still stories of true Ham spirit that unfold even today. One such event was the recent predicament a local ham found himself to be in. In very poor health and on a fixed income, he entrusted his financial and household activities to hired help. Eventually, rising costs, including one unintended extra mouth to feed – being the family of the hired help – and growing telephone and transport bills etc. caught up with him.

After approaching our QSX editor, help was at hand when another local ham responded to the plea for help. He held a meeting with all concerned, assumed financial management, and will keep an eye on things from now on. And all this even though he runs his own business, with all the additional demands this places on his time. Wolf, ZS2WG, I salute you. Thanks for your help in this needy situation.

Then a spirit of a different kind – the Plett trip, as reported, was a great success. Much fun was had by all, getting to put faces to the voices often heard on the link system. It is such a pleasure now to immediately be able to visualise the person belonging to the voice now that I have met some more of the Southern Cape hams. Thanks to Roger and Nita for their kind hospitality. And thanks to those hams who purchased items at the boot sale, thereby swelling the PEARS coffers.

Finally, work is envisaged at Cradock before the year end, to get some comms going for the Christmas season travellers from up North. It will need to be a full day's work, so an early start is essential. Another possible social outing with the inland hams? Lets see who we can gather for late November. This is unfortunately very wind-dependent, so keep a listen-out on the bulletins.

73, until the Christmas edition!!

Chris, ZS2AAW

Christmas Holidays

The festive season is virtually upon us and, while it is a period of celebration and relaxation, it is also a period of higher accidents, particularly road accidents. Our members are therefore asked to monitor more conscientiously than normal.

When travelling, keep your eyes open for any accident or emergency situation and help if necessary. Be careful, though, of any faked situation in order to steal your car or rob you.

Make sure you are familiar with incident scene procedures. Have a list of emergency telephone numbers and any other items you feel may be necessary in an emergency. Bear in mind that you may be part of the emergency such as your car breaking down.

Emergency frequencies to monitor are the repeaters, especially the linked repeaters, and 52.950 MHz for those who have the equipment, 7070 kHz and 3695 kHz.

Incident Scene Procedures

When arriving at an incident scene, your first priority is to ensure your own safety and the safety of any others with you. If you are in a vehicle, park well clear of any traffic or other hazards.

- Especially if you are first on the scene, assess the overall situation.
- Take care of any immediate dangers and/or, if possible, administer basic first aid where required immediately.
- Call for help, passing on information such as:

- Location of incident, with necessary details.
- Number and types of casualties.

- Requirements such as ambulance, fire brigade, jaws of life etc.
- Potential hazards such as petrol or fuel spillage, hazardous chemicals, etc.

Have a copy of the Hazchem vehicle load identification system handy.

73

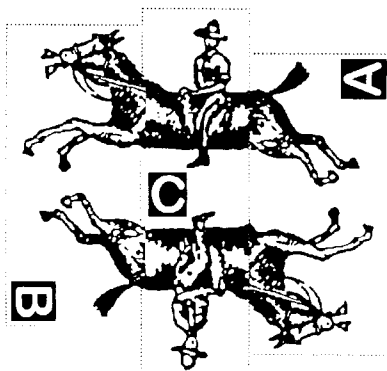
Al Akers ZS2U

Provincial Director,

Hamnet East Cape/ECARES

DID YOU GET SHAWN BACK ONTO HIS HORSE?

Last month we invited sympathetic readers to help get Shawn and his unnamed pal back onto their horses. Here is how it is done.



Instant Printing

FOR ALL YOUR
PRINTING REQUIREMENTS

9 St. Patricks Road, Port Elizabeth 6001

Telephone: (041) 55-2614

Try us for your QSL cards!



TO KEY OR NOT TO KEY

What is the question that many hams are pondering, following the SARL's decision to call for an immediate reduction in the CW requirement from 12 to 5 words per minute. The ultimate aim is the scrapping of CW as a prerequisite for a full amateur licence and the SA Authorities will, of course, be prevailed upon to support this line in the appropriate ITU forums.

Proposals in this regard, embodied in the SARL's draft document for submission to the SA Telecommunications Regulatory Authority for consideration during their review of the Radio Regulations, were accepted unanimously at the Chairmen's Indaba held in Gauteng on 31 October 1998. (The SARL bulletin did not say which areas of SA or how many clubs were represented).

If SATRA accepts the proposals, —

- ZRs will be able to pass a 5 wpm morse test and become ZSs, with access to all the bands currently enjoyed by full ZS operators. However, such licences will be valid only in South Africa and will not qualify for reciprocal licensing or operation in CEPT countries. Anyone wishing to operate in a CEPT country will still be required to pass a 12 wpm test until such time as the CEPT changes its licensing requirements.

- The current ZU licence will be replaced with a new intermediate category that places greater emphasis on technical and operational ability of the candidates. A 5 wpm morse test will suffice to gain access to all HF bands, but output power will be restricted to 20 Watts (13 dBW). (How that is to be policed is not indicated, nor how remote country applicants will obtain the envisaged hands-on tuition).

- The maximum power limitation for ZS stations will be a thousand watts (30 dBW). (*That should help to fill up the bands, even without additional stations!*)

- The keeping of log books, whether operating on HF or VHF, will no longer be necessary. (Currently, only HF contacts have to be logged).

The phraseology and style of the SARL's draft regulations left more than a little to be desired and, with all due respect to the committee charged with the task of compiling them, one wonders why the job was given to a subcommittee in Durban rather than one closer to both HQ and the powers-that-be where, one would expect, people with experience in the type of work could be found.

It is reported that "several cosmetic amendments were made" at the indaba and, hopefully, some of the ambiguity and inappropriate passages were clarified and/or excised.

Of course, the changes will not come into effect until SATRA has accepted them and published their new Regulations in the Government Gazette. This could take a year or more, so don't start applying for ZS licences and a 5 wpm morse test already! And don't hold your breath in the mean time either — SATRA will not necessarily accept any or all of the SARL's proposals. Only time will tell.

More Bull than Bulletin?

Announcing their decision to press for the ultimate scrapping of the CW requirement for a full ZS licence, the SARL stated: "In line with the views expressed by the majority of the League's members, the SARL will support initiatives of a number of other IARU member societies such as the RSGB in overhauling the qualifications

for an unrestricted Amateur licence".

Nobody to whom we have spoken seems able to recall a poll of members on the matter, so one wonders how the wishes of the "majority of the League's members" were determined. Perhaps it was the score or two who responded to requests to record their views on the SARL's Durban-based VoiceMail system. Most of these callers reportedly spoke against the retention of morse but if their number represents more than half of the membership, the League is in a bad way indeed!

By contrast, in a real, live, *interactive* Intecnet a mere few months ago, where motives could be established, some 75% of the participants favoured the *retention* of morse. Most of those *against* CW seemed to really want CB.

The following extract from *Sprat* magazine, published by the G QRP Club in the UK, is significant: "The RSGB conducted a democratic process recently in order to ascertain the views of its membership, and the result showed that there was no majority in favour of a change in the morse requirement. It appears that the RSGB is now choosing to ignore this decision, and therefore the expressed views of its members."

G QRP urges "proper consideration of the issues, whilst the RSGB is on the verge of committing our hobby to major changes". In a letter to the RSGB, it wrote: "...it is hard to see how you can justify such a 'fundamental change of direction' simply by the subjective process of trying to 'gauge reaction at grass roots level'.

They continue: "Is the Society's concern about the (alleged) falling number of operators on the HF bands, or the proven falling RSGB membership?"

Sounds familiar, doesn't it? Sadly, it seems that hams in various countries might have been bamboozled into thinking that the august, enlightened RSGB is armed with a mandate from its considerable number of members in

wanting the CW requirement dropped. This is then presented by other societies as supporting (and misleading) motivation to get their members behind them onto the bandwagon.

For example, the American amateur radio service Newline recently made mention of both the RSGB's and the SARL's supposed "majority support" for dropping CW. This in turn was rebroadcast by the SARL, and so the misleading snowball grows worldwide, gaining credibility on what appears in fact to be a false premise.

Promises, promises

A few weeks ago the SARL announced that it had given the builder the go-ahead to construct both phases of the League's headquarters building although they were still short of over R25 000. This came as a surprise, because the President, Chris Turner, assured us here in PE in February and again at the SARL AGM in May that, having finally got the League out of the red, they had vowed never again to spend money that they do not have.

A week or so later, they announced that rising costs had pushed up the amount needed by about another R20 000, i.e. the shortfall is now some R44 000.

The bulletin added that construction is now up to lintel height. But that's apparently *still* not yet high enough for Council to read the writing on the wall!

Of further concern is the report at the Indaba that "membership renewals are slowing down and will require attention to ensure that the budgeted membership figures are reached by the end of December." This is assumed to mean that membership figures are down once again on last year, which is what we feared when, at the AGM, we suggested that building on another party's premises is dangerous until a sustained reversal of the decline is assured. The comment was branded as "negative thinking".



TRAPPED RADIALS FOR VERTICAL ANTENNAS

As you know, those well-known multiband vertical antennas, if not mounted at ground level, need a counterpoise to work efficiently. A typical counterpoise would be a minimum of three radials – each about a quarter wavelength long – for each of the bands on which the antenna is to be used. The result looks like what a neighbour of mine once referred to as a 'circus tent with the canvas blown away'. It is *not* nice to behold. The following article was written by Larry East, W1HUE, and appeared in The QRP Quarterly, July 1993.

One day, while contemplating how to install radials for a five band trapped vertical mounted atop a 20 foot high pipe without the XYL complaining about the resulting 'spider web' of wire, the idea struck me that, if traps can be used in the radiating (or parasitic) element(s) of antennas, why not also in an antenna counterpoise?

I didn't recall this being mentioned in any of my antenna handbooks, but what the heck, I decided to try it anyway. (Use of various 'loaded counterpoise' systems has been described, but that is not quite the same thing.)

I installed three trapped radials configured as shown in Figure 1. They are evenly spaced around the vertical radiator, and slope down at about 10 to 15 degrees.

The traps were wound from RG-174 miniature coax on short pieces of PVC plumbing pipe as outlined in Figure 2, with the number of turns as shown in the following table.

The traps were designed using a

BASIC program that I wrote some years ago; the program is described in "The ARRL Antenna Compendium", volume 2, page 100.

Band	Form ϕ	# turns	Length
10M	27 mm	4.6	12.7mm
15M	27 mm	5.9	16 mm
20M	27 mm	8.25	30 mm
40M	33.8mm	11.8	31.7mm

Caution—don't wind the coils too tightly or you'll stretch the mini-coax!

The dimensions above are for the CW portions of the bands. Actual resonant frequencies should be checked some way, such as with a dip-meter. Spread the turns to increase the resonant frequency, if required.

The coils should be coated with a weatherproof sealant before installation.

Well, the antenna loads with reasonable SWR on all five bands and I have worked a lot of QRP DX with it, so I guess it works! However, I have not made any comparison measurements using 'normal' radials. Maybe, some day...

(See diagrams on page 8)



DIG YOUR VICE CHAIRMAN!

Seen here at a PEARS Club meeting a while ago is your Vice Chairman, Dick ZS2RS, but it's not as bad as it looks really.

Obviously deep in thought, perhaps he's wondering, on the one hand, what Fate has in store for him. On the other hand, he could be pondering the truth of the axiom that all is not gold that glitters, and probably all that glistens is not necessarily a diamond either. Who nose?



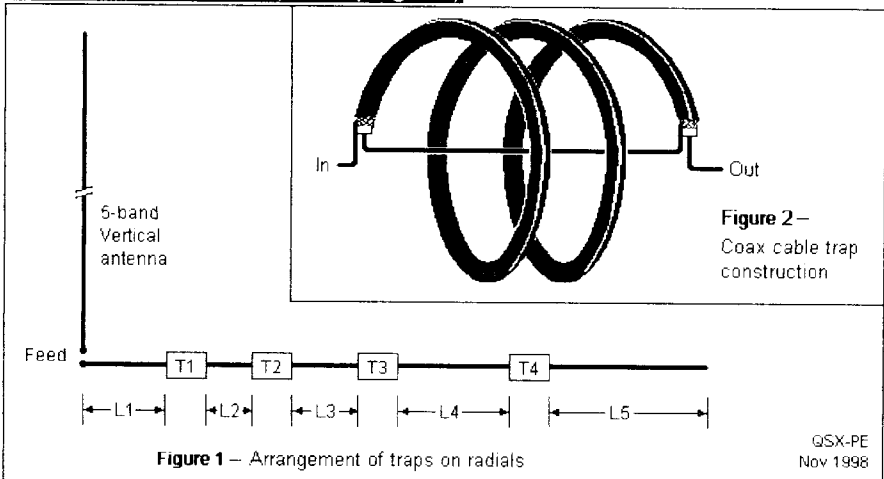
Not everybody nose, of course, that Dick is quite a dab hand in the kitchen and, together with the XYLS, often gets stuck into the culinary preparations for our Club events.

Although he *will* have a finger in the pie as social organiser for our Christmas dinner next month, he is *not* going to be in the kitchen, so we'll be quite safe. No stickeys in the Christmas Pud.

Which reminds me – have *you* let Dick know if you intend to join us at the Christmas dinner at the Zwartkops Yacht Club on Sunday, 6 December? If not, please do so right away.

[OK, in fairness to Dick, we admit that this pic has been enhanced just a little. The original scene appears on page 14—Ed.]

TRAPPED RADIALS (from page 7)



FURTHER VARIATIONS ON AN ABSORBING THEME

BY AL AKERS ZS2U

Viv is right about there being so many applications for the simple diode (QSX-PE, October 1998). Here are some more.

Diode Protection

Most equipment is designed to operate off a low voltage, usually 12 volts. A diode capable of carrying the current of a piece of equipment can be connected in series with the supply so that, with the correct polarity connection, the diode will pass current to the equipment. If an incorrect polarity connection is made, the diode will not conduct and the equipment will not suffer damage.

Bear in mind that there is a slight voltage drop through the diode: 0,7 volts for a silicon diode.

A diode can also be connected in series with a generator and a battery so that the generator will charge the battery when its voltage is higher than that of the battery. If the generator voltage drops below that of the battery, the diode will prevent the battery from discharging through the generator.

Remote Switching

Where only one pair of wires is available to a distant point and you wish to switch two different circuits at the remote end, the circuit in Figure 1 can be used. With the switch in the centre position, both lamps are off; in the up position lamp L1 will light and, in the down position, lamp L2 will light.

Of course, the lamps can be replaced with relays to switch any other circuitry. You can be even fancier by adding switching and an AC

supply so that you can feed the AC on the line and have both lamps or relays operational.

Zener Diodes

These diodes are useful for voltage regulation in low power circuits as shown in Figure 2. Any variation in supply voltage or load current will have a tendency to vary the voltage across the zener diode and load. The zener diode will automatically draw more or less current, which varies the voltage drop across R_s and thus compensates for these variations.

Zener diodes are used in conjunction with other circuitry to regulate voltages in high power circuits. Good examples of this are the popular voltage regulators such as the LM317. These can in turn be used to regulate even higher powers.

Zener diodes come in a range of different voltages. Ordinary diodes may be used as low voltage regulators: 0,7 volts for silicon diodes or 0,25 volts for germanium diodes. They can be connected in series for other voltages such as three silicon diodes for a 2,1 volt regulator or even in series with zener diodes such as one 5 volt zener diode and one ordinary diode to get a 5,7 volt regulator.


Light Emitting Diodes (LEDs)

Another form of diode that is very useful and is used for a variety of

indicators such as power on or off or battery charging. Years ago I made the mistake of assuming that cigarette lighter adapters in cars were all connected with the centre pin positive. I suppose I was fortunate that only a regulator and an output IC in my transceiver got damaged.

I subsequently made up an adapter with an LED built in so that I plug the

adapter in first. If the LED lights up the polarity is correct and I can then connect the set to the adapter. If the LED does *not* light up, there is either no power or the polarity is incorrect.

This by no means exhausts all the uses of diodes, but is hopefully enough to get you interested to find out more about them. 

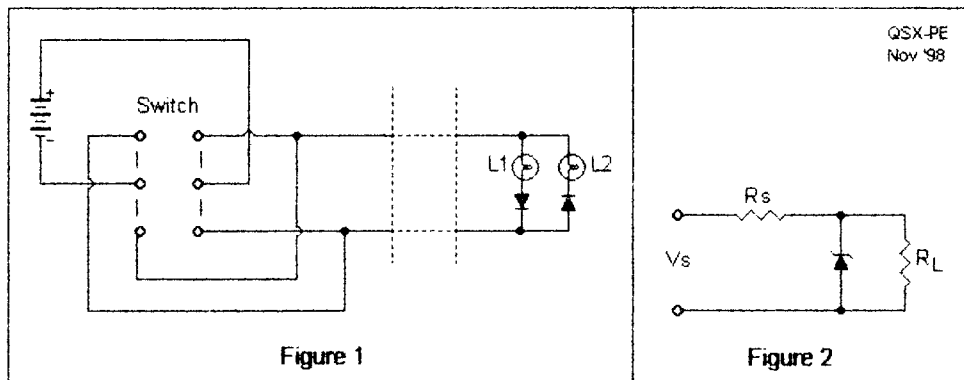


Figure 1

Figure 2

QSOX-PE
Nov '98

ICOM ENDS HAMRAD FRANCHISE

After a 21 year association with Hamrad in South Africa, Icom Japan have decided that they are "no longer prepared to supply Hamrad directly as the sole agent for Icom amateur radio equipment in South Africa".


This brings to a sad end an era of sales and service by Hamrad to radio hams throughout Southern Africa, not only so far as their association with Icom is concerned, but in fact extending back many years, even before Icom became a household name to the South African ham – Hamrad have decided to cease dealing in amateur radio products and will close down their Wynberg, Johannesburg branch at the end of November 1998.

Hamrad's Cape Town branch will continue to trade in other electronic products and components that make up the balance of their

business, according to a statement issued by the Company.

Icom have given the sole agency for amateur radio equipment to Multisource (Pty) Ltd, who are already their representatives in South Africa for other categories of radio products. Multisource will assume responsibility for all Icom amateur radio sales and warranty service, including unexpired warranties on equipment sold by Hamrad before the takeover.

Hamrad has expressed their thanks to the ham fraternity for their support over the years and wish them all the best for the future.

On behalf of PEARS I should like, in turn, to thank Hamrad for their service to Ham Radio over several decades. We trust that the Company will prosper in its more compact operation. 

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 16 OCTOBER 1998

Present & Apologies : As per the register

Opening : Chris ZS2AAW opened the meeting and welcomed all .

Minutes of the previous meeting : Acceptance proposed by Garth ZS2HB, Seconded by Lynne ZS2MM.

Matters arising:

- JOTA: The Chairman again appealed for helpers to make the event a success. Shawn ZR2SC had undertaken to set up a packet station to augment the usual HF and VHF stations.
- All present were reminded of the outing to Roger Davis ZS1J's farm on 1 November.

Finance : Clive ZS2RT reported that our finances were in a healthy state.

Correspondence: None.

General:

- Garth ZS2HB referred to the announcement that Council had decided to go ahead with both phases of the new SARL HQ building in spite of a shortfall of some R25 000 in the funds. He asked whether anything had been announced as to how the cost would be met, and whether this was not a departure from the President's pledge that Council would never again spend money that they do not have.

The meeting expressed concern over this matter and decided to direct a letter to the League to obtain clarity.

- Garth announced that a Christmas Dinner had been arranged tentatively for December 6 at the Zwartkops Yacht Clubhouse. A five-course meal would cost R35 per adult. (It was later determined that children under 14 would be charged R14, while tots might be allowed a free meal).

- It was reported that the new PEARS VHF/UHF contest set down for January 1999 had been received favourably by the SARL and many others with whom Mike ZS2FM had discussed the matter. The rules would appear in the October issue of Radio ZS.

After the refreshment break, Shawn ZR2SC gave a talk on, and demonstrated the various ropes and pieces of equipment used in, the sport of absailing.


Closure: The chairman untangled Shawn and closed the meeting at 22H00. No-one volunteered to join Shawn on his next outing.

CORRECTION – AT SEA - Like it Was

On page 4 of last month's QSX-PE, the circuit diagram of the spark transmitter aboard "Titanic" showed an AF type output transformer in the aerial coupling circuit.

It should, of course, have shown an air-cored RF transformer, i.e. no vertical lines

between the windings to suggest an iron core.

Allan, the author of the article, also notes that radio personnel in those days were known as "Sparks". Today, the modern marine radio officer is still known as such! 

PEARStalk

THIEF!

John Magee, ZS2RG, has had the misfortune of losing some of his ham gear. His Kenwood TS130 HF transceiver, Icom IC2E 2 Metre FM handheld and associated amplifier used in his motor car have disappeared without a trace.

If any such items are offered to you, or you know of anyone who perhaps should not be in possession of such goods, please let John know.

John is wheelchair bound and virtually blind. Until recently he could manage to operate his large-screen computer with the aid of a special utility program that further greatly enlarged sections of the screen. However, after an acquaintance messed around with his system, supposedly to upgrade it, the expensive monitor was found to be faulty, his enlargement utility was lost and his CD ROM unit no longer operates.

Around this time it was discovered that his radio equipment had been removed from his home and motor car.

RAE LOOMS LARGE

Good luck to all candidates who will be writing the RAE on 19 November. We hope to hear good news

OLD-TIMERS, YOUR INPUT PSE!

Following the article AT SEA by Allan Ansell last month, a number of readers have expressed the view that our older members possibly have a great deal of interesting anecdotes and radio or PE Branch history that should be recorded for posterity. It is a pity

when it is lost on their demise.

We therefore appeal to the older members who have anything of interest to relate to let us have their material for possible publication in QSX or merely to place on record in the Club's library.

If you feel that you are not able to write an article well enough yourself, please feel free to jot down the salient points, or even record your thoughts on tape at dictation speed, and we will try to knock it into shape for you. But please *do it*, before it's too late!

PEARS' NEW HF PACKET FREQUENCY

The HF frequency of the Club's packet bulletin board has been changed to 3605 kHz. The beacon is radiated on this frequency regularly, so try it out some time if you have an HF packet capability.

VISIT TO PLET A HUGE SUCCESS

The visit to Roger and Nita Davis' farm outside Plettenberg Bay on 1 November was a tremendous success, with over 60 hams and family members present, having travelled from places as far afield as Port Alfred in the east and Stilbaai (beyond Mossel Bay) in the west.

Many items were swapped, bought, sold and simply given away in the parking lot. But there were no parking attendants looking for alms for palms!

A huge "thank-you" is due to Roger and Anita for their hospitality.

JOTA

By contrast, the JOTA event was something of a disappointment.

Although there were enough guides and scouts around, propagation conditions, in PE at least, were poor indeed, and only a handful of stations were heard and worked.

Based on past experience, it was decided to run the station on the Saturday only.



Clive ZS2RT helps a Guide through a QSO during JOTA 1998

The expected packet radio operation did not materialize, but the young people's interest in a CW QSO came as a surprise – most of them crowded around while, with Garth ZS2HB at the key, Al ZS2U decoded the morse signals for them. Perhaps the microphone and keyboard are now old hat to the modern youngster?

Several local members attended to help erect and operate the station or just to lend moral support, and it was particularly good to have a visit by Raphey ZS2SP.

NEWS OF OLD MEMBERS

From the September/October issue of Highway Hotline, newsletter of the Highway Amateur Radio Club in Natal, we learn that Chick and Gail ZS2LM and ZS2TM have located themselves at Southend in Essex, UK. Their new call signs are MØBUB and MØBUC. They hoped to be on the air soon and

will look out for ZS stations. They send 73 and 88 to all their acquaintances in the RSA.

Wonder if any PEARS members have heard them on the air?

METEOR SHOWER COMING

Remember to watch the night sky from around 14 to 20 November. A meteor shower is expected to peak on 17 November, when numerous 'shooting stars' should be seen. Unusual radio propagation effects could be experienced, with bursts of long-distance VHF signals getting through.


BORDER CLUB HAS NICE TURNOUT

Your Editor and Mike Bosch ZS2FM had the pleasure of attending a meeting of the Border Radio Club last month and were impressed by the turnout of some 30 members. Mike, in fact, was the guest speaker and gave a talk on VHF and UHF propagation.

The Chairman, Colin ZS2CR, asked us to convey the Club's greetings to PEARS.

PEARS NEW VHF/UHF CONTEST

Mike Bosch reports a good deal of interest from around the Republic in the new VHF/UHF contest that will take place in January under the auspices of PEARS. Full details of the contest, including the rules, will appear in the October issue of RADIO ZS, which will presumably be out soon.

Unfortunately space will not permit of their publication in full in QSX, but you can download them from the PEARS home page at pears.8m.com or you can obtain printed copies from Mike. A request, accompanied by a self-addressed, stamped envelope, should be directed to him at PO Box 1614, Port Elizabeth 6000. 

Congratulations...

on your birthdays:

November

- 26 Fred Strutt ZS2JS
- 28 Elizabeth Jasson ZR2EJ

December

- 5 Clive Fife ZS2RT
- 6 Lionel Coombe-Davis ZS2DD
- 13 Kay Strutt XYL of ZS2JS
- 14 David Butcher ZR2DCB
- 15 Bryan Haeefele ZS2BH
- 18 Anne Olivier ZR2ABC
- 18 Liezle Allen XYL of Sean ZS2SNA

on your anniversaries:

November

None listed in this QSX period (22–30)

December

- 2 Rene & Neville Roebert ZS2NR
- 9 Dot & Vic Plumridge ZS2VP
- 10 June ZS2MJ & Mike ZS2JJ Jones
- 12 Gail ZS2TM & Chick ZS2LM Mosley
(now sporting UK call signs)
- 12 Jane & Clive Fife ZS2RT
- 13 Martie & Dick vd Berg ZS2W
- 16 Marlene ZR2ED & Colin ZS2AO
Ashwell
- 19 Dirk Ligthelm ZS2D & XYL, whose
name we strangely do not have on
record!

on your happy event: Jackie and Andrew Smith ZR2BBY, whose son Wesley was born on 5 October.

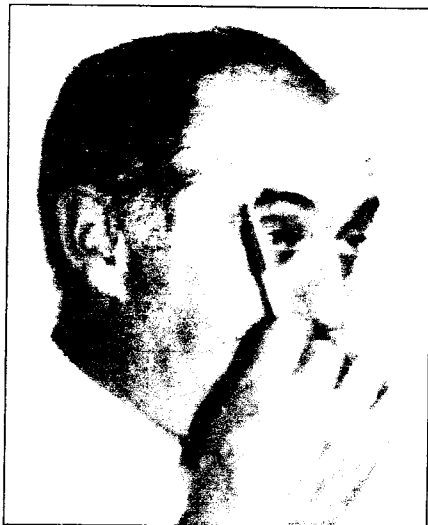
on your new call sign Johan Geyer, ex ZS4CF of Kroonstad, now ZS2OT of Jeffrey's Bay.

on your achievement André Botes ZS2ACP, who came back from a championship shoot in Cape Town with several medals.

Sick List: We were sad to learn that Iris Hayes ZS2AA, Doyen of the world's YL/XYL Ham fraternity and Grand Dame of Amateur Radio, suffered a stroke about a week before her 95th birthday, which was on 27 October. She was hospitalized for some time and has since been transferred to a nursing home in East London, where she is making progress. We trust that she will make a rapid and complete recovery.

New Member: We welcome Trevor ("Saney") Martin ZR1S, of Wilderness, into our fold. We are sure you will enjoy your association with us in PEARS, Saney

What Dick was really doing when we snapped him (see page 8)



Your Society's Committee

Chairman, Repeaters, Packet	Chris Scarr ZS2AAW	38-1344
Vice Chairman, Social, Special Events	Dick Schönborn ZS2RS	38-5070
Secretary, Repeaters, Packet	Jacques van der Heide ZR2JH	73-3728
Treasurer, Assets Control	Clive Fife ZS2RT	32-3203
Awards, Refreshments, QSX collation	Bill Hodges ZS2ABZ	51-2580
QSX Editor	Garth Laaks ZS2HB	38-1101
e-mail the Editor at	glaaks@iafrica.com	
Assisting QSX collation/distribution	Trevor Scarr ZS2AE	32-1746
Technical Classes, Social	Shawn Corder ZR2SC	360-7369
Librarian	Des Herselman ZR2DH	54-2911 (W)
		Cell 083 261 5402 (All Hrs)

PEARS' VHF & Other Services

REPEATERS

Town VHF	# 145.050/650	Kareedouw	† 145.125/725
Town UHF	# 431.050/438.650	Knyrna	* 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 (ZSØNTP)	144.625
Packet Rose Switch ZSØGHT-3,046101 (144.675 in/out) or 046102 (UHF out to BBS)	144.675
2m Beacon (ZS2VHF CW ID) (horizontally polarized, 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

Sunday Bulletins

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

Date	Prepare and Read on 2m Repeater link	DIARY DATES
		NOVEMBER
		19 RAE Examination
		20 PEARS Monthly Meeting
		26 Maybe Technical get-together
		DECEMBER
		6 Christmas Dinner (12:00)
		(No Wrinkly Rave this mo)

* We Like Being Your Society! *