



QSOX PE



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

**PO BOX 10402
LINTON GRANGE
6015**

DECEMBER 2002



THE SEASON FOR SO MANY OTHER
FUNCTIONS & CELEBRATIONS IS UPON US,
SO THERE WILL BE

NO GENERAL MEETING THIS MONTH

The next monthly meeting of the Society, therefore, will be on
Thursday, 16 JANUARY 2003.

But the WRINKLY Rave goes on!!

The Wrinkly Ones will still hold their monthly get-together on **2 January 2003**, unless otherwise advised. Listen to bulletins, because 2 January *might* be a little early in the month, requiring sleeping-off of the events of the day before.

We'll keep you posted as more information arrives, e.g. after the next Rave.



The Chairman and Committee of PEARS wish all members of the Society and their families, as well as the President, Councillors, staff and all members of the SA Radio League, and also hams wherever they may be and their families, a



*Merry Christmas
and a Happy,
Healthy & Blessed 2003*



The Chairman's Chat

It is that time of the year again! Even though it has been dubbed the 'silly season' and the focus is on having fun, let us not lose sight of what it is all about –

- it is a time when Christians celebrate the birth of Christ;
- it is a time for family get-togethers;
- it is a time of goodwill to all mankind.

Bearing the above in mind, exercise care and courtesy on the roads, and be nice to the bloke down the road whose dog bit you last week!

By now it is old news that from 24 November the SARL bulletin is being read live on the E Cape repeater network. The relays from 7.066 MHz onto VHF were never really all that successful, and of late became impossible because of poor band conditions. Thanks to Ewalt ZS2EHB and Rory ZS2BL who offered to read the Afrikaans and English bulletins, respectively.



Saturday 30 November was a special day: on that day our esteemed editor Garth ZS2HB and Elize vd Merwe tied the knot. I'm sure the entire readership of QSX joins me in wishing them everything of the best and a happy life together.

All that remains is for me, on behalf of the committee, to wish all our members, their families, and readers of QSX a very blessed Christmas and a happy New Year.

73 & 88,

Beavan **ZS2RL**

December again

Here we are in December again. Another year older and deeper in debt, or something like that. Wishing all members a very happy festive season and all the best for the new year.

Thank you to all the Hamnet and ECARES members for their support over the past year. Special thanks go to Deputy Director Ken ZS2OC and Assistant Directors Neil ZR2NT, Matt ZS2MW, and Ralph ZS2IV.

Thanks to NEARNET operators Ken ZS2OC, Des ZS2ABU, André ZS2AJ, Pat ZS2PJP, Ginny ZS2GIN, John ZS2J, Matt ZS2MW, Ralph ZS2IV, Chris ZS2S, Richard ZS2CLI and Donald ZS2BW.

Also to the six metre net participants, especially Des ZS2ABU, who practically never misses the net, and Stoffel ZS2C who also seldom misses a net.

Traffic and Accidents

Being the holiday season, we will have the usual increase in traffic and no doubt accidents. Please monitor a bit more than usual, especially the link system, and be alert for any emergency, especially when driving.

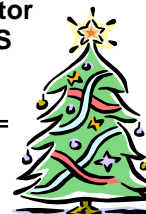
Social

Congratulations to Garth ZS2HB and Elize, who got married on Saturday, 30th November. All the best to you both.

We welcome Calie Pistorius ZS2CWP and XYL Hannie ZR2JMP from Knysna, who have both joined Hamnet and ECARES. Welcome also to Otto van Rooyen ZR2VAN, who has joined ECARES.

73

Al Akers ZS2U
Provincial Director
Hamnet/ECARES



STRANGE BUT TRUE....

AL AKERS ZS2U

Port Elizabeth is rather a hilly city, so one would expect that the heights above sea level of PE hams would vary a lot.

I would have guessed that, at best, there would be three hams with QTHs within a metre or two of each other, unless you have a situation like Vic ZS2SZ a few years ago when his family were still all at home and he had four or five hams all at the same height above sea level.

Yet we have the following hams at plus or minus a metre or two of 140 metres above sea level:

Ashley ZR2AG, Anthony ZR2APB, Stoffel ZS2C, Lovell ZS2GS, Barry ZS2H, Vic ZS2SZ, Al ZS2U, Viv ZS2VM and Wolf ZS2WG.

This does not include XYLs Natasha ZR2BCS, Anne ZR2ABC and Jo ZS2W.

Viv ZS2VM's move from Framesby landed him up at the same height above sea level. 📍

THANKS FOR OUR DONATION

Writing on behalf of the SA Radio League, the President wrote to Beavan as follows:

“On behalf of the council of the South African Radio League, I would like to thank PEARS for their generous donation of R1000.00. The SARL remains committed to its members and will do its utmost to fulfil its obligations and meet the needs of the membership, as you well know the road ahead is never easy but always challenging. It is gratifying to know that there are still societies and clubs who support the SARL. The support of PEARS means a great deal not only to the SARL, but to me personally.

“Please pass on my sincere thanks to all your members for their support of the SARL.

“I would like to take this

opportunity to wish you and your society all the best for the future.”

73

**Sid Tyler ZS6AYC
President”**

I wonder if we should challenge other clubs to meet or improve on our donation – or for that matter just to make whatever donation they can afford – in order to boost the SARLs funds.

It is well known that the League dropped the annual subscription fee by a large amount in the hopes of finding additional membership, and they seem to have gone quite far in that regard. However, when the new President took over, there was a shortage of some R24 000 in the kitty, which they need to address.

Our R1 000 should help, and so too should any contributions from other clubs. 📧

Another Morse Reader

E			T					
I		A			N		M	
S	U	R	W	D	K	G	O	
H	V	F	L	P	J	B	X	C
Y	Z	Q						
5	4	3	2	1	6	/	7	8
9	0							
Key to use		?	.	'	-	,	:	
dot	dash							

Clive Fife ZS2RT found this “morse reading” item in a magazine.

Using the morse reader, select the *white* block for a DOT as the first character, or a *black* block if it is a DASH. Thereafter, go down to a *white*

block or a *black* block, depending on whether it is a dot or a dash. Read off the character on the last block as indicated by the morse signal.

The British authorities should introduce it in testing their candidates! 📧

SOLAR ECLIPSE "D" LAYER EXPERIMENT

On the 4th December 2002 at 08:20, Southern Africa experienced an eclipse of the sun and as many radio amateurs and SW listeners were invited to monitor "Radio Today" on 1485KHz for about 24 hours starting on the 3rd December. For the experiment to be successful we enlisted the help of the community radio station "Radio Today" who operate on the top end of medium wave.

The "D" layer is the lowest layer in the ionosphere at +/- 70 km above the earth and is very dependent on the sun for its existence. It is also part of the ionosphere that affects the propagation of long and medium wave frequencies 20KHz => 2MHz.

The "Radio Today" transmitter is situated in Marks Park in Johan-

nesburg, Latitude 26 09 37S Longitude 28 00 11E, and consists of a Nautel F.E.T 1KW transmitter loaded into a 1/10th wave length vertical antenna with capacity hat and ground radials.

What makes this station ideal is that it broadcasts up at the top end of the MW scale 1,485MHz, that it is on the air for 24 hours and that it uses a low power transmitter. This last point making it very sensitive to ionospheric propagation conditions.

All written reports that you may have may be sent to:

Solar Eclipse Experiment
West Rand Amateur Radio Club
P.O.Box 562
Roodepoort
1725.



REMEMBER OUR VHF/UHF CONTEST!


This contest is set down for the weekend Friday 24 to Sunday 26 January 2003. The rules were published on page 8 in last month's QSX. Provision has been made therein for stations using various digital modes such as JT44, FSK441 etc on all four bands.

Operators using analogue categories may also participate in the Digital category, but as a separate entity. The highest combined score obtained country-wide on all four bands determines the winner.

REPEATER SITES VISITED

On a recent trip to Cape Town for business reasons, Chris Scarr ZS2AAW made use of the return trip to visit seven repeater sites on our route towards Cape Town.

He did a spot of work on them and the system should now be in order – except for the odd breakthrough.

Listening on the network these last few weeks one wonders whether there is a real need for it! Strange, but it seems that the need to communicate has left us. Computers have come and are taking us away from radio. Or is it the high incidence of excessive voice processing and splatter? I don't know. 

JOTA at the ANDREW RABIE SCHOOL

Three PEARS hams got busy putting up a couple of stations at the Andrew Rabie School on Saturday 19 and Sunday 20 October. Ewalt Boucher ZS2EHB, Bill Hodges ZS2ABZ and Martin Ras ZR2MR rigged up one station mainly for Slow Scan and Packet Radio on VHF, while the other operated on HF.

The scouts were particularly impressed by the Slow Scan TV.

Many local hams were able to pay a visit to the station. During such a visit, Garth ZS2HB was able to take a couple of shots of those looking on and e-mailed them to Jim ZS2JF, who then transmitted them back to the special station.

The pictures below show some of the interested groups.



Left – Some of the scouts with Martin ZR2MR, receiving a picture by Slow Scan

Right – Another group watches Bill ZS2ABZ working a spot of DX



In a letter from Dudley, ZS2AW, we received the following items —

TRANSISTORS

The Capsule that Challenged the Vacuum Tube

A document on the transistor said: This simple, tiny amplifier for telephones, radios and television utilizes “holes” in the atoms of rare elements. It’s called a Transistor. Bell Laboratory scientists invented it in 1948. The question was whether the transistor would replace the vacuum tube. This would depend on how much it would cost to make them.

The operation depends, in a strange way, on how certain material elements like Germanium, Silicone and oxides of copper react to electricity.

Early public reaction in the trade was that it was too small and too weak to have any effect on the electronic industry....

THE RME STORY

In 1935, two hams, Bill Ingersoll and Shaw Shalkhowser, working in their home workshop, came up with the famous RME 69 receiver: six bands and nine tubes, each receiver being hand made and the only receiver on the market at the time to work on ten.

After expansion, the small factory produced 6500 RME 69 RXs between 1935 and 1940.

The basic circuit of RF stage, 2 IFs, separate electrical band spread, S meter and band switching, was an immediate success. The 69 became a status symbol among 20 metre DX men.

During those frantic years, the DB 20 preselector was developed and became a valuable item to Navy and the Coastguard, who ordered 5000 units. These were used ahead of regular military receivers, to suppress radiation and prevent detection by U-boats roaming the Atlantic.

After the war, the small company felt the pinch and was eventually taken over by Electro-Voice, who made the RME 45 and RME 50, which did not sell as well.

RME eventually faded, leaving the memory of the famous receivers, still a talking point when old-timers get together to review the golden years of amateur radio.

INTERNATIONAL BEACONS

In a letter from Dudley ZS2AW, he says that, while surfing the web, he found the following list of international beacons on the Northern California DX Foundation Inc. They are on day and night and each station uses 100 watts plus a Cushcraft R5 multiband vertical.

Dudley hears at least nine of them each morning on 21,150, which he says is a must for the DX men.

I’m not sure how they operate with the other stations that use, for example, 14.100 MHz. Each of the latter stations, from various parts of the world, comes up in turn, sending dashes at different output levels.

The following are a few frequencies:

CALL	14.100	18.110	21.150	24.930	28.200
4U1UN	00:00	00:10	00:20	00:30	00:40
VE8AT	00:10	00:20	00:30	00:40	00:50
W6WX	00:20	00:30	00:40	00:50	01:00
ZL6B	00:40	00:50	01:00	01:10	01:20
JA2IGY	01:00	01:10	01:20	01:30	01:40
ZS6DN	01:40	01:50	02:00	02:10	02:20
LU4AA	02:30	02:40	02:50	00:00	00:10

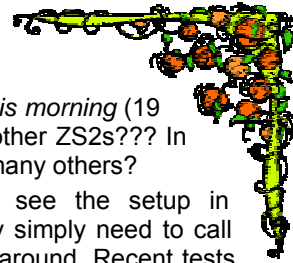
Did you know...

In 1937, the Scott Philharmonic Receiver Model XXX had a total of 30 tubes, including 4 66’s in PP marked audio output?

It tuned 150 kHz to 80 MHz in six bands. 📻

VHF DXers

Barry ZR6DXB



"Great to hear all of you up and active for the Leonids this morning (19 November 2002)! This begs the question: where were the other ZS2s??? In particular where were ZS2FM, ZS2DD, ZS2JF, ZS2BL and many others?"

"It appears to have been quite a useful shower, although possibly not quite as good as expected. Still, it was great to hear all the "old" divisions coming in.

"Activity levels were quite disappointing: only one station (ZS5DJ) heard from Natal, and several expected stations were not around. Port Elizabeth stations trebled their tally from last year, and one wonders what has happened to ZS2FM and ZS2DD?"

"Although 2m activity was fairly limited, I know of contacts between ZS6TW / ZS2ACP and ZS2BWB / ZS6JON.

"Please be so kind as to forward me a brief rundown of your operations, stations worked and comments on the Leonids, as I would like to prepare a summary for the PEARS newsletter, my website and possibly Radio ZS and the SARL bulletin!"

On the subject of 2m operations: ZR6DXB will be in PE from December 21 to January 4, and will be running a 2m station as well as 6m this time. He says: "I plan to set up the 2m yagi (a 7 element M2 model) permanently at the QTH in Walmer, and will be aiming to work WSJT on 2m to Divs 1, 5 and 6 in particular. I will also be looking for tropo openings on 2m to Div 1.

"I plan to bring my Icom IC-910 (100W output) on the trip, and may also do some portable ops using the 706 (50W). According to Australian theories MS contacts should be possible over 1000+km on 2m using 50W and 7 elements, so we'll see!! This time I will be operating as ZR2DX.

"If there are any Div 2 operators who

would like to see the setup in operation, they simply need to call me and come around. Recent tests indicate that as little as 25W may do the trick on 2m provided the antenna is somewhat better. Hal has managed very good results with 25W into 17 elements!"

Here in Port Elizabeth, three operators made good use of the Leonids meteor shower, working a good number of stations. With just a 30 metre wire antenna and tuner, Garth ZS2HB worked something like six ZS6 stations as well as a ZS5 operator. André Botes ZS2ACP worked a fair number more, using a beam, and so also did Ken Tremear ZS2BWB. We understand from Ken that he worked all divisions except ZS3.

Keith Laaks ZS6TW checked two metres (he has a problem with his 6 metre antenna) and was able to work ZS2BWB and ZS2ACP there. He says he also heard ZS2D calling him from Jeffrey's Bay, to whom he replied, but someone else took over the frequency and put paid to a QSO.

These appear to be the only long-distance 2 metre QSOs during the shower. Keith also heard ZS4PV on 2 metre CW, but he was extremely weak, and was drowned out by other SSB stations.

He also heard FSK pings on 144,200 for periods up to 10 seconds or so before 05:40 SAST.

Due to the beam width of his antenna he had to change azimuth between PE and Capetown. Nothing heard from ZS1 on 144 although beaming on their 'hotspot' and calling CQ many times. 📍

SOTA IN SA

I was assigned to get all the information of all or most of the popular mountain peaks in the Eastern Cape because there was nobody else in the East-Cape that responded. I live in George and I am only familiar with the mountains in the South-Cape.

I don't have any information or knowledge about the Eastern Cape. What we must do... We must catalogue all the most popular mountain peaks in SA for the SUMMITS ON THE AIR (SOTA) Association.

We plan to be up and running from 1 January 2003 but our information must be in before 1 December 2002. [This is not possible now, but I'm sure late entries will be accepted! – Ed.]

This is a request to any Radio Amateur or member of PEARS in the East Cape. If there is anyone who can assist me in gathering information about the most popular mountain peaks in the East Cape or pointing out the names of the peaks, I would be very thankful.

I have contacted the local mountain club but I'm still waiting for a reply. Information about the peaks that we

need, if the information is available, are as follow

- 1)The peaks name.
- 2)Longitude and Latitude, correct to 1/10 of a minute.
- 3)The height above sea level in meters or feet.

Any information can be sent directly to me: zs1kg@qsl.net or by fax: 044 871 5040 marked clearly for my attention, or else I can be contacted by phone: 082 292 1232 Any information from the Port-Elizabeth region would be greatly appreciated, no matter how little information it might be. I hope to hear from someone soon.

73's from the South-Cape

Conrad Scheepers (ZS1KG)

Lid van Suid-Kaap Amateur

Radio Club

www.qsl.net/zs1kg

zs1kg@qsl.net

082-2921232(cell)

Answer to the Teaser

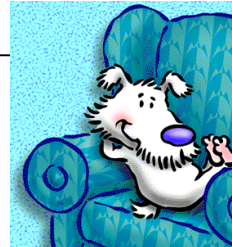
Two months ago Al Akers ZS2U posed the question: what was the value of a cheque? The teller paid cents instead of the rands, and rands for the cents. After buying a newspaper for 20c [those were the days!] the recipient found that he had exactly twice the original value of the cheque. What was the value of the original cheque!

Well, we finally got the answer from Al Akers ZS2U. Using two sheets of paper, he explained that the value must have been R26,53c. He says: "If anyone can show a mathematical way of doing the trial and error part, I would be pleased to hear of it! His effort was by means of maths, but a little drawn out. There must be *some* way of working it out more quickly.

From an elementary school: Solomon, one of David's sons, had 300 wives and 700 porcupines.

The Jews were a proud people and throughout history they had trouble with the unsympathetic Genitals.

In the first book of the bible, Guinness, God got tired of creating the world, so he took the Sabbath off. ☹





Pearstalk

SILENT KEY

Council of the SARL has announced the passing away of Johannes van der Hoven, ZS6CC, better known as "Hofie", on Friday November 8 at the age of 58 years. He was a knowledgeable person and well known for his satellite weather picture transmissions.

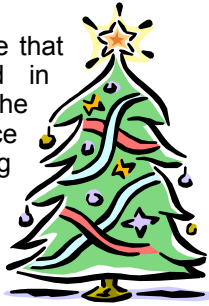
Our sincere condolence to his wife Christa, family and friends.

WINDOWS PROGRAM

Nico ZS4NS tells us about the Windows program that he has written, which calculates scores, best distances etc. It should be placed on our web site once Rory has gotten going with it. It takes about 1 MB.

DX CLUB

Reading in QSX I see that Al ZS2U is interested in forming a DX Club in the Eastern Cape to enhance HF and the fun of working DX. I know the Pretoria guys have such a club with call sign ZS6Z and they are very active. I like this idea and would encourage the formation of DX clubs.



POLL ON SARL WEBSITE

The SA Radio League loves to get feedback from you, the members. Why not take part in their ongoing membership services survey on the SARL Website? Now members can rate the various services provided by the League, thus helping them to continually

review their performance and maximise service delivery.

To make your mark or just read more about the new online feature, visit the SARL website at www.sarl.org.za.

EXCITING TROPO SEASON FOR VHF AND UHF

Regular temperature inversions could occur from now on until autumn next year, producing optimum Tropo conditions on VHF and UHF, thus making long distance contacts possible on both the analogue and digital modes.

From December this year to February 2003, Pieter Jacobs ZR1AEE of Bellville will attempt to establish a Trans-Atlantic contact with PY2ANE near Sao Paulo Brazil on 144 MHz. Pieter is already testing a beacon, ZS1VHF on 144,425 MHz FSK, which will eventually beam across the Atlantic.

Distances of 4330 km have been recorded on VHF and UHF between the USA and Hawaii when tropospheric ducting occurred over the sea. However, longer distances are expected, especially on the new DSP modes, when super high-pressure cells exist over the oceans, such as the St Helena High and the Reunion High.

Countrywide contacts are also possible on both SSB and FM during Tropo openings on VHF or UHF. So keep an eye on the barometer and weather reports or watch the VHF beacons and FM stations or repeaters within range.

Tropo openings from Port Elizabeth can be detected by monitoring the

ZS2VHF beacon on 144,415 MHz FSK. Its horizontally polarized signal has been heard in all six divisions of the RSA via Tropo propagation. This beacon can also indicate band openings on 432 and 1296 MHz.

Since the 2-metre band is the most effective on Tropo propagation, look for SSB signals on 144,200 MHz or try the Digital modes around 144,260 MHz. Alternatively, tune in to the national FM "DX" channel on 144,400 MHz in the evenings between 19:00 and 21:30 SAST and listen for other divisions.

2003 HUNTING LIONS

The 2003 Hunting Lions on the Air contest comes up during the second weekend of January 2003, that is 11 and 12 January 2003.

The rules can be found on the SARL Website at www.sarl.org.za/public/contests/lionita.asp and after reading the rules please contact your local Lions Club and arrange the activity. It is great fun and maybe you can get a few Lions interested in Amateur Radio!

METEOR SHOWERS

December (and early January) have a lot of VHF opportunities with two moon perigees for EME and three meteor showers.

The first of the showers (and by far the best) will be the Geminids which peak in the early hours of Saturday, 14 December. Next is the Ursids on 22 December and last the Quanzantids on January 4th.

Luckily for us, all of these fall on a weekend when a maximum number of operators can be expected to be active.

In addition to this Barry, ZR6DXB will be operating as ZR2DX in PE during late December and is planning to activate some comparatively rare grid squares during his stay. Details are not

in yet of some other planned operations but this information will be published as soon as it is received.

Please put the weekend morning of 7 and 8 December on your operating calendar now to make sure your station is operating and ready to make some of those contacts.

FREQUENCY COUNTER

Neil Thomas ZR2NT has managed to get the components for the frequency counter. The total price for the kit is R445.00 plus R20.00 for postage. The kit includes all the components, PCB, 2X16 character (+/- 9mm high characters) LCD display with LED backlighting, 2xBNC sockets and programmed PIC. The pre-scaler is not included as we are still working on it.

I have all the components except the LCD's which I will order when a few kit orders are confirmed.

The kit excludes any case to mount the unit in. If there is sufficient interest I may consider 'bashing' some aluminium cases together in the workshop.

My banking details are:
N.Thomas First National Bank
North End branch code 210
417. Account no. 53440007532
Please ensure that you put your name as a reference if you transfer/deposit any funds. Also let me know when you have done so. Regards, Neil Thomas



UBA-SWARL 365-DAY CONTEST 2003

The Royal Society of Radio Amateurs (UBA) and the Short Wave Amateur Radio Listening (SWARL) invites every licensed radio amateur and short wave listeners to participate in this contest.

The aim of this contest is to work or hear as many DXCC countries as possible, and on the various bands stipulated in the rules, during a period of

one year from 00:00 UTC on the 1st of January to 31 December at 24:00

All licensed radio amateurs and short-wave listeners are warmly welcome.

SUMMITS ON THE AIR

Eastern Cape's Conrad Scheepers ZS1KG is assisting Andrew ZS1AN in setting up the SOTA.

The project is progressing well and at this stage co-ordinators in the various provinces are busy cataloguing summits according to the SOTA criteria. It is planned that the South African Summits on the Air Association will become active on 1 January 2003.

As with IOTA where islands are numbered, with SOTA the various summits are numbered and amateurs can activate these summits on UHF, VHF and HF.

Each summit has a value based on the height above sea level and by working the various summits points are obtained for various awards.

Andrew ZS1AN is the co-ordinator for the South African SOTA and he can be contacted at email address sota@exinet.co.za

DX NEWS FOR YOUR ALL AFRICA AWARD

Niger. 5U7JK in Niger has been active on 20 metres around 00:00 UTC, on 10 metres around 12:00 and 15:00 UTC and on 15 metres around 20:00.

Malawi. Joe G3MRC is active as 7Q7BP from Malawi until early next year. QSL cards to G3MRC.

Burkina Faso. Dani EA4ATI is active using XT2ATI from Burkina Faso for the next six months. QSL Dani via EA4YK.

Liberia. Mario ex-EY8TM is staying in Monrovia, Liberia for three years starting from November 2002. He is using the call sign EL2TM. QSL via F6FNU, and remember to include \$2 or

no QSL card in return.

Other DX news is:

Johnson Island. Gary Belcher KH6GMP will be on a one man DXpedition to Johnston Island from 11 to 17 December 2002. His callsign will be KH6GMP/KH3. The modes used will be SSB, RTTY and PSK31. There will be no CW operation. QSL via KH6GMP with SASE or IRC or via KH6 Bureau, NO E-mail QSLs please.


Guadeloupe. Jack F6HMJ will be active as TO2FG from Guadeloupe's main island (IOTA NA-102 and DIFO FG001) for one month starting 15 December and ending on 15 January. Activity will be on all HF bands. QSL cards via F6HMJ.

Mali. Mac TZ6JA is once again going to Bamako, Mali for business between 23 November and 10 December. Mac hopes to operate 40/20/17/15/12/10 meters SSB only. QSL via JA3EMU, SASE only or via Mac's mailing address: Mac Obara: P.O. Box 59, Tama, 206-8691 JAPAN

VK9X Christmas Island. Kunio JA8VE will be active from Christmas Island (OC-002) between 7 and 14 December



(call sign was not provided yet). He will operate mostly 20 and 15 metres SSB. QSL via JA1KJW: Nakayama Hisashi: 1-17-8 Shibuya, Yamato, 242-0023 JAPAN.

Honduras. Gerard F2JD will be in Honduras from 10 December until 3 March 2003 and will operate as HR5/F2JD on 160 to 6 metres SSB and CW. He will be based at La Entrada de Copan, but he may also operate from some IOTA islands. QSL via F6AJA either direct or through the bureau. 

Condolences — We were sorry to learn of the passing earlier in November of the mother of Trevor, ZS2AZR. Our sympathy goes to you, Trevor.

Congratulations...

on your birthdays:

December

- 23 Noel Hislop XYL of ZR2H
- 24 Bryan Marshall ZS1NQ
- 25 Brian Weller ZS2AB
- 25 Mike Bosch ZS2FM
- 25 Betty Greeff ZS2ZG
- 28 Elize Laaks XYL of ZS2HB
- 28 Allen Lubbe ZS2AEG
- 30 Lida Ligthelm, XYL of ZS2D

January

- 9 William Hickson ZR2WJA
- 9 André Greyling ZS2ACG
- 12 Bernice Marshall XYL of ZS1NQ
- 13 Blanka Batt XYL of ZR2BBH
- 14 Jacques JP Human ZR2XTC
- 15 Neil Fulton ZS2MG
- 15 Ashley Goosen ZR2AG
- 17 Maxie Crouse XYL of ZR2A
- 18 Dudley Forsyth ZS2AW

on your anniversaries:

December

- 20** Mike & Maureen Robertson, celebrating their **50th anniversary**. Mike was a listener member of the Branch and, among other things, helped to get E.P. Newspapers to partly sponsor the 1984 AGM. They are now in Gauteng.

- 23 Noel & Cyril Hislop ZR2H
- 24 Graze & Hermanus Nell ZR2NH

January

- 1 Maureen & Neville Vroom ZS2NV
- 1 Nellie & Johan van Zyl ZS2Z
- 2 Julie ZR2EY & Trevor Scarr ZS2AE
- 2 Chantelle & Linton Rohl ZR2LIN
- 3 Brenda & Allan Whitehead ZS2R
- 9 Pam ZU1PAM & Phil Hopper ZS2PP
- 14 Vicky & Allan Ansell



Travelling: Chris and Vanessa Scarr are visiting Cape Town for a week around this time.

To all those who will be using the roads this Christmas, we hope you will travel safely and keep out of trouble.

Sick List: Joan Browne, XYL of ZS2BY, had an operation for diverticulitis a month ago. She is still weak but improving daily.

Missing: Ewalt ZS2EHB recently had his garage burgled and lost his car radio, drills, angle grinder etc. 🚫

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	chislop@cybertrade.co.za
Treasurer; Assets Control.....	Clive Fife ZS2RT	367-3203	cfife@freemail.absa.co.za
Social, Refreshments,	Bill Hodges ZS2ABZ	581-2580	whodges@absamail.co.za
QSX Editor.....	Garth Laaks ZS2HB	368-1101	glaaks@iafrica.com
QSX distribution (ex com)	Trevor Scarr ZS2AE	367-1746	t&j.scarr@intekom.co.za
PR, Internet Website	Rory Norton ZS2BL	585-9330	rory@commco.co.za
Technical Classes, RAE (ex com) .	Al Akers ZS2U	360-2983	
Special Events	Ewalt Bouwer ZS2EHB	933-3482	ewalt.b@freemail.absa.co.za

PEARS' VHF/UHF & Other Services

REPEATERS

Town VHF	# 145,050/650	Knysna	* 145,075/675
Town UHF	# 431,050/438,650	Lady's Slipper.....	* 145,100/700
Cockscomb	145,000/600	Noupoort.....	* 431,150/438,750
Colesberg	* 431,075/438,675	Uitenhage	# 145,075/675
Cradock	* 145,050/650		
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 System
15 Dec	ZS2RT
22	ZS2EHB
29	ZS2ABZ
5 Jan	ZS2RL
12	ZS2AAW
19	ZS2BL
26	ZR2H

<u>DIARY DATES</u>
<u>DECEMBER</u>
No meeting during December
<u>JANUARY</u>
2 Wrinkly Rave
17 First meeting of 2003

*** We like being your Society ***