



QSL PE



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

WEBSITE: www.qsl.net/zs2pe

**PO BOX 10402
LINTON GRANGE
6015**

MAY 2005

ANNUAL GENERAL MEETING

The **Annual General Meeting** of the Port Elizabeth Amateur Radio Society will be held in the **Walmer Scout Hall, Fordyce Road** (*not the St Hugh's Hall*) **on Saturday, 21 May 2005**. The activities will commence at **14:00 (2.00 pm)**, and the **AGM itself will start at 15:00 (3.00 pm)**.

The agenda appeared in last month's issue of QSX. No motions have been received by the Committee.

A welcome is extended to all members and other hams and their families, although only fully paid-up members of PEARS will naturally be allowed to nominate committee members or vote.

From 14:00 we will have a **boot sale** in the grounds of the area, so you can bring all your usable goodies and perhaps you will find a purchaser. **No buying or selling** of any goodies before 14:00, please!

The meeting will start at 15:00 and will be followed by a bring-and-braai, for which the Society will provide the fires as well as a few cartons of wine and fruit juice and also ice cream.

Please bring your own other items: meat, other eats including salads, and additional liquid refreshments as well as utensils, drinking glasses, stools and braaiing tools.

NOTE THE ADDRESS PLEASE! – We have had several previous AGMs at this venue (but **not** last year). Go eastwards from the corner of 4th Avenue and Fordyce Road. Bill ZS2ABZ will have his rig on 145,650 to guide you in if you get lost.

Wrinkly Ravers

From the five bods at the April effort we had nine plus a junior at the May get-together. The food arrived in double quick time, but the chatting went on until quite late.

The next Rave is scheduled for **2 June**, so we hope to see you all at **Barney's Steak Bar**, Circular Drive, Lorraine.

YOUR SUBS FOR 2005/06!

Your subs for the 2005/2006 year are now overdue and QSX for the defaulters will soon come to an end. If you have not already remitted your subs, please do so right away. The subscription for the new year is R60 for a full member. Others remain the same, i.e. R30 for Spouse and Student categories..

They can, if you wish, be handed to the Treasurer before the start of the AGM, which will then also entitle you to vote.

If you prefer to pay by bank transfer, you can deposit your subscription in the PEARS account. The account number is **2212527594** and the bank is Nedbank, Port Elizabeth Main branch, (code **121217**).

Please enter your name and call sign in the reference blocks on the deposit slip so that Clive knows who it is from. ☺



from *The* *Chairman*

It's RAE time again, and several members will be sitting the exam. Good luck, we look forward to hearing you on the air. Thanks to Al and his team of assistants for running the classes yet again.

Amateur radio in South Africa is on a course for healthy growth. The DOC has recently announced that they will be sponsoring 250 RAE candidates from the PDI community. This sponsorship will cover all ICASA fees as well as both SARL and local club membership fees.

Their commitment to amateur radio goes even further, they will be setting up a number of modern, state-of-the-art stations in designated communities.

The league has worked closely with the DOC on this project, and will assist, in conjunction with local clubs, with the roll-out of these stations.

Full details will no doubt be published on their website and in Radio ZS.

It's also AGM time, and I'm sure that we are all looking forward to the associated social bring and braai which will take place immediately after

the business end of the function has been taken care of. Circle the 21st on your calendar now!

Regrettably, I will not be in a position to consider chairing the club again this year. The pressures and demands of being self-employed are proving to be too time consuming – and PEARS deserves a committee and chair that can devote energy and time to it's future well-being and growth.

I would like to take this opportunity to thank the committee and you, the member for your support over the past two years.

I would also like to once again thank our hard working editor for the professional job he does in producing QSX.

If you are of "permanent loafer" status, why not join the committee and help in making our hobby stronger. All it takes is time and enthusiasm.

See you on the 21st – don't forget the dop en tjop!

73

Rory, ZS2BL

MOUNTAIN RESCUE OPERATION

Members of the Mountain Club of South Africa who acquired radio amateur licences in order to improve their communication abilities during emergencies have just had their first opportunity to test this out.

On Monday, 2 May, two members of a hiking party in the Groot Winterhoek mountains took a wrong route in misty conditions. When they were discovered as missing, search and rescue operations were commenced and use was made of the Uitenhage repeater for their communications.

Terence ZR2VDL and I reported to them that we were monitoring in case we were needed.

The search continued till late Monday evening and commenced again early on

Tuesday morning. A helicopter was brought in and was guided to the missing people by the Search and Rescue group.

When they picked up the missing two, apart from being cold and wear they appeared to be none the worse for their ordeal.

Considering that the radio operators were relatively new to amateur radio, I was impressed with their effectiveness.

A list of the Mountain Club members with amateur licences is included in QSX.

73

Al Akers, ZS2U
Provincial Director:
Hamnet/ECARES

RAE EXAM VENUE

The May RAE will be written in the Kemsley Park Tennis Clubhouse, Conyngham Road, off Cape Road. This is in the same street as the SABC.

We wish all participants well and hope there will be good tidings of their

progress in the near future. In recent times it has taken only a week or two for the papers to be marked and the results placed on the SARL website and in HQ bulletins. Keep a check on the website at sarl.org.za.

NOG 'N PUZZLE *from Al ZS2U*

A boat sailing from Port Elizabeth harbour to Marion Island would of course have to follow the curvature of the earth. The distance travelling to the Island is 1760 kilometres.

If the boat could travel in a direct, straight line, how much shorter would the trip be and how far beneath the surface of the sea would it be at the halfway point?

Answer next month.

And, if that doesn't bother you, here's another one...

A train is 1 km long and has to pass through a tunnel 1 km long. If it travels at 60 km/hour, how long will it take to pass through the tunnel?

Answer, of course, next month as well. 🗣️

**MEMBERS OF THE
MOUNTAIN CLUB OF SOUTH AFRICA
WHO HAVE RADIO AMATEUR LICENCES**

| | | | |
|--------------------------|--------|--------------------------|--------|
| RUDI GOOSSENS | ZR2RCG | ZANNÉ OLIVIER | ZR2EZO |
| ERIC HOSTEN | ZR2ECH | SERGE SMETRYNS | ZR2SJE |
| HENNIE KLEINHANS | ZR2HOK | PAUL SMITH | ZS2OE |
| ANDRÉ KRUGER | ZR2KRU | LARS STRYDOM | ZR2YRF |
| TREVOR LLOYD | ZR2MCL | NICO VAN DEVENTER | ZR2NIC |
| GRANT MacGEOGHEGAN | ZR2GMG | NATALIE VAN LOGGERENBERG | ZR2NVL |
| ROB MacGEOGHEGAN | ZR2ROB | KENDALL WATSON | ZR2WAT |
| ROSE MacGEOGHEGAN | ZR2MCR | BRUCE WATT | ZR2BW |
| CAREL OLIVIER | ZR2CCO | | |

ALLEGED JAMMER ARRESTED

Reputed Los Angeles area repeater jammer and former Amateur Radio licensee, Jack Gerritsen is behind bars and off the air today. Acting on a May 4 criminal complaint, FBI Special agents accompanied by FCC personnel from the FCC Los Angeles Field Office arrested Gerritsen without incident at his home in Bell, California. Federal agents also are reported to have confiscated Gerritsen's radio equipment, the ARRL has reported.

The SARL hopes that this might never be reported about a Radio Amateur in South Africa. Jamming is also a felony here. However, these days one frequently hears people tuning up – apparently knowingly on an occupied frequency – while others make excessive use of the spectrum due to splatter. This is also contrary to regulations. One wonders whether the authorities would do anything about these chaps.

SARL Members to Check E-Mail Addresses

The SARL office will shortly be sending out membership invoices for the 2005/2006 year. Invoices will be sent by email to all members for whom a valid email address is available. This saves the SARL a substantial amount in printing and postage costs.

All members are kindly requested to

check that their email addresses on the SARL database are correct. This can be done by logging on to the SARL web site at www.sarl.org.za and looking up your entry via the callbook. Corrections can be advised to Vee by email at admin@sarl.org.za or via fax to 011 675 2793.

FOR \$ALE ★ WANTED ★ SWOP

WANTED

* FT 102 DM external VFO for FT102 transceiver. Please contact André Botes at 083 404 9881.

**MINUTES OF THE ANNUAL GENERAL MEETING OF THE
PORT ELIZABETH AMATEUR RADIO SOCIETY**

held at the Scout Hall, Avondale Road, Port Elizabeth on 20 May 2004

Welcome:

The Chairman welcomed everyone who had made the effort to attend the meeting.

Present and Apologies :

As noted in the attendance register..

Acceptance of Previous AGM Minutes:

Proposed : ZS2RL Seconded ZS2AAW.

Matters Arising:

An Asset Register has been compiled. Chris ZS2AAW pointed out that assets are worth more than R275 000.

Main goals for the year : membership growth and a permanent club venue.

Finance:

The Treasurer reported on the Society's financial position. Ken ZS2BWB commented that it was commendable that the most important items took preference. He did however point out that the thrust is towards VHF operation. He recommended that equity of expenditure be achieved between VHF and HF.

The income from the VW Rally was questioned. Chris ZS2AAW responded that we cannot charge for the rally, and that we rely on the organiser's generosity. Trevor ZS2AE pointed out that the rally is done as publicity for Amateur Radio.

Subs: subs are due if not paid already. Members were advised to be prepared for a small increase in subs in the future.

Acceptance of the Treasurer's Report was proposed by ZS2PJP and seconded by ZS2DD.

Election of Committee:

Viv ZS2VM suggested that the committee remain unchanged . Seconded by Garth ZS2HB. Motion carried. Rory ZS2BL to continue as Chairman for a further year.

Awards:

Outoppie awards were issued to Dudley ZS2AW and Vic ZS2VP

The first VHF Century Award (Bronze, 2m analogue) was awarded to Al ZS2U

The ZS2OB DX Trophy was awarded to Ken ZS2BWB

The ZS2AB Constructors Trophy was awarded to Donald ZS2BW

The Ham Spirit Trophy was awarded to Neil

ZR2NT

The Merit Cup was awarded to Barry ZR2DX
The Hamnet Shield was awarded by ZS2U to Stoffel, ZS2C.

Appreciation Award Certificates were presented to Beavan ZS2RL, Cyril ZS2EJ, Trevor ZS2AZR, Andre ZS2AJ, Jim ZS2LR, Bill ZS2ABZ, Al ZS2U, Julie ZR2EY and Trevor ZS2AE.

General:

Trevor ZS2AE pointed out that the balance sheet is down this year. He suggests subs be raised to at least R60 per year to address this.

He also recommended the issuing of an Appreciation award to Johan Terblanche ZS1I, for his continual submissions for QSX. This was agreed upon by the meeting..

The subs proposal was seconded by John ZS2J

Ken ZS2BWB enquired about the possibility of setting up a DX Cluster. Barry ZR2DX explained the current status of plans for a Cluster.

John ZS2J suggested that the SARL be petitioned to make Radio ZS in electronic form a free download for all, and not only for League members. Viv ZS2VM disagreed, as he felt that Radio ZS was part of the privileges of membership. Barry ZR2DX agreed to take the issue up with SARL Council.

Neil ZR2NT expressed his thanks to the committee for their work during the past year.

Mike ZS2FM suggested that the society look for ways to advertise Amateur Radio on the Internet.

Terence ZR2VDL enquired as to the progress with regard to the Aliwal North repeater. Chris ZS2AAW explained that this issue lies with Nico ZS2N.

Chris also explained that Echolink had been creating a problem with tying up the link, and was better suited to simplex or a standalone repeater.

Garth ZS2HB commented that no-one had made any comment on pages being out of place in QSX!

The meeting closed at 16h15, and was followed by a bring-and-braai alongside the hall. 🍖

CROAKEY SIGNALS

I wonder if anyone else has noted the croakey signals that one hears nowadays. Not only from ZRs, but also from ZSs. There seems to be a thought that the highest reading on the output meter also means the maximum outgoing signal. Perhaps it does, but the readability of that signal is often anything to be desired.

What the transmitting operator needs to do is firstly "tune" his antenna correctly, then secondly adjust the level of his AGC. Thereafter, switch the meter to read the **outgoing signal level**. When there is no audio signal there should be no outgoing reading – or, at the very least, a comparatively small level.

In most cases the operator has his mic gain at an excessively high setting, and in others they have their processors set much too high. The latter is surprisingly the case even with several mobile signals – and if you think about it, it is simply stupid to set up a processor inside a car and then have the passing wind and motor noise amplified to the same level as your speech!

Take a listen to some of the bulletin relay stations. Some are very well set up, but others also transmit far too much rubbish, including the band noise in between parts of speech from an originating station using HF, or heavy background noise from a repeater.

What the operator must do is to simply watch his **output** meter and see that virtually nothing goes out when the original signal is quiet, and that the normal levels are achieved during parts of actual speech – just as it should if he was using a microphone himself.

This means using your RF, AF and microphone gains sensibly. With the TX microphone gain set at its normal position, back off the RF gain on the receiver during the silent periods to set a low output signal (no mush) at the transmitter. Then use the receiver AF and, if necessary, the transmitter microphone gain to adjust the output signal during speech.

Do not use a speech processor during relays or, if you simply have to, see that it does not increase the outgoing signal level during "quiet" periods.

And, of course, always get reports from other *honest* hams on the speech quality before starting to actually relay bulletins.

Talking of honest hams, one often hears chaps complaining about spread. But do they *do* anything about it, apart from complaining to one another? Surely we, as hams, should go and *tell* the chap that his signal is not up to scratch. That is being honest.

Then I sometimes hear someone on, say, 7080 complaining that the chaps on 7082 are "spreading all over the place". But the chaps on 7082 were there first, and the operators on 7080 should not come up that close!

In fact, the signals from 7082 are not "spreading"! They are simply using their 2,4 or 3 kHz of the band to which they are entitled. *The 7080 chaps are actually interfering with those on 7082!*

Now, this makes one wonder how many operators know what "spread" is, and how one can check roughly how wide another chap is.

With your noise blanker turned *off*, and assuming your radio is correctly aligned, and provided the station is not physically close to you (the same suburb, e.g.), you should lose every sign of his sidebands as you tune three kHz or more away from his frequency. This means no splatter, clicks or hash – not simply whether you can actually *read* what he is saying. If he is close to you, this will obviously vary.

You can try checking this method using the signals from other stations, just to get the feel of your own receiver.

Many of the chaps who come through with signals several dB above everyone else are probably using excessive power or are perhaps, at least, using processors. One should always check them for spread and, if they are using more of the band than they are entitled to, go and tell them.

Unless they are told, they might be unaware of it. Some might turn their levels down a bit, others will probably argue, but you will have served hamdom by at least being honest! 🗣️

40 METER "JOYSTICK" ANTENNA

from Johan Terblanche ZS1I

Why this antenna works is beyond me! All I know it works all over the place on the 40-meter band. It does have a narrow bandwidth and requires readjustment whenever you move 10 – 15 kHz.

But that is a small price to pay for an antenna that requires so little room and is so easily concealed.

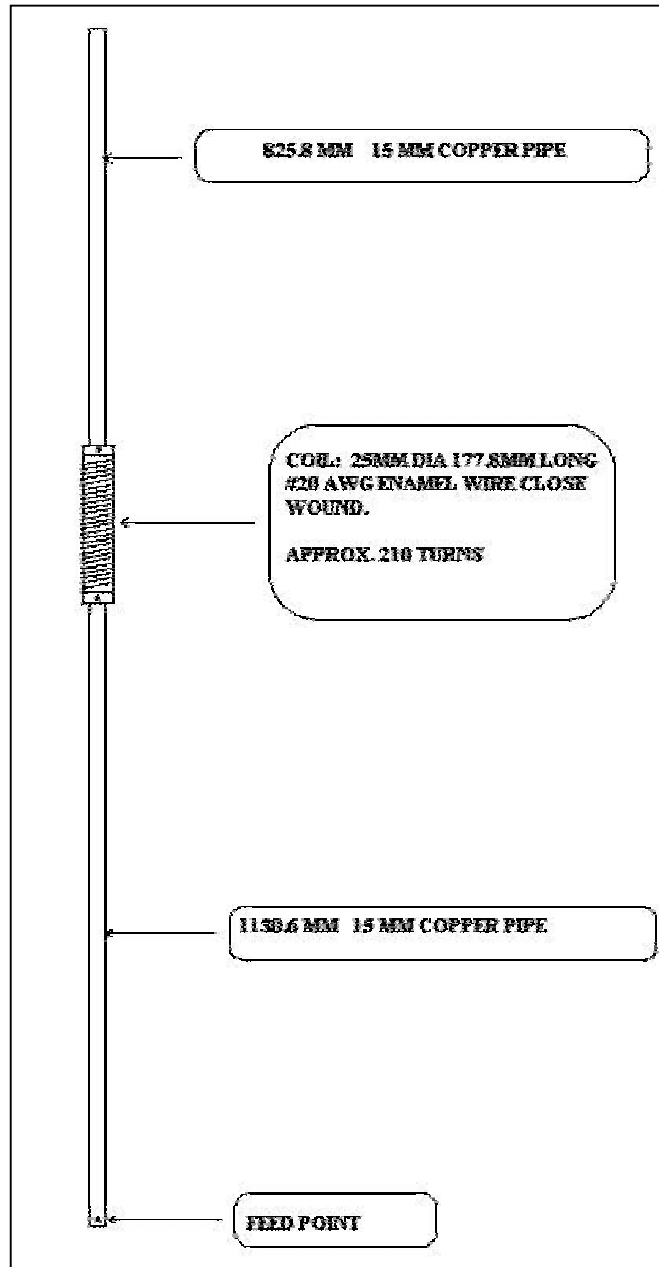
Construction is very simple and straightforward. The coil former is constructed out of 25mm hardwood dowel with both ends turned down to let the copper pipe slip over for 75-mm. Total length of dowel is 330 mm.

Ends can be capped with rubber or plastic caps. An earth spike and radials will enhance the performance of the antenna.

The antenna is tuned with an antenna tuner for the desired frequency.

All dimensions were determined by very carefully measuring a commercial model.

NOTE: This antenna has it's pro's and con's. So do not expect it to be the one and all. Nevertheless a nice Saturday afternoon project. ☺



That NEW STARTING CAPACITOR for your ROTATOR

Follow-up on the article in the March 2005 QSX.

from JOHAN TERBLANCHE, ZS1I

This is a follow-up on an article described in the March 2005 QSX. It seems that there is some doubt as to whether the schematic is indeed correct and whether this is the answer in replacing the scarce 130 μ F 50 VAC capacitor. The Editor queried the diodes with Johan and he replied as follows:

"Thanks for the e-mail. I have played around with the circuit, and attached find an altered version of the diagram. The diodes were indeed the wrong way around! Sorry for that, but that is how it was shown in 73 Magazine and seeing that I do not have a faulty rotator, I did not experiment with the circuit beforehand."

I did some further research on the Internet and came up with the following.

Lets first look at what the capacitor does. It is NOT just a *motor starting capacitor!!!* The purpose of the cap is to cause a 90-degree phase shift across the windings of the motor, which determines which *direction* the motor will turn.

Some old capacitors dry out and the values change. This does result in the motor not starting to turn. Replacing the cap (if you can find the correct value) will make the motor work again.

Note: A larger value cap will allow more current to flow, but will also affect the phase angle, which will actually decrease the starting torque. An infinitely big cap would be a short! So don't damage your motor! A non-polarized cap if obtainable would also do the trick.

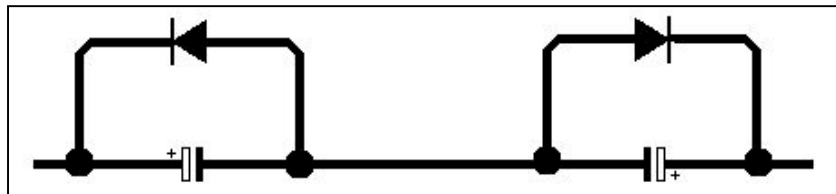
If it is impossible to find the correct cap well, then, back to our schematic.

Use two back-to-back electrolytics as indicated in the schematic of the March issue of QSX. Connect the *negative* sides of the electrolytics together, and connect the diodes so that the "bar" is at the *positive* end of each cap. (See the modified drawing below.)

You want no current to flow through the diode when the voltage at the positive end of the cap is positive.

Another idea is to move the caps directly to the rotator, properly weather-proofed of course. This eliminates the cable resistance in series with the cap. Now use the two wires in the cable which went to the cap, and double up on the motor wires, cutting the resistance down there too.

I hope that the new data listed above will now enable you to resuscitate that dead rotator. 🙏



SA's OWN Enigma Machine

Mike Hanslow, ZS1RMS

Much has been written on the whole Enigma Machine saga from WW2. Anyone interested in this intriguing subject will be overwhelmed with what is available on the Internet. My story is more current and covers the closing phases of the SWA Bush war.

Our regiment, 2 Signal Regiment was the first to be equipped with the new C21 frequency hopping HF/SSB radio and the TDT (Tactical Data Terminal) to convey classified traffic in the battle front. They were used with great success during Ops Hooper and Modular in 1987/8.

The C21 was a great set with features well ahead of its time. It had a BITE (Built In Test Equipment) function and was one of the first radios in the world with a hop function, considering it was all produced locally. The TDT (DT-200), also locally developed, was a desk top terminal that could be configured to communicate with a wide range of telex, computer and terminal devices.

The TDT can be configured to offer a secure facility and addressing function when operating within a network of other TDT's, whether desk top mount or the smaller hand held type. With the address feature, you could send a message to all on the radio net or to a pre-designated recipient only.

Within the scenario I found myself in, we would operate a radio net, changing the settings for both the TDT and C21 Hop codes daily. This would minimize the risk of the enemy decoding our text messages. When we would have to discuss sensitive matters, the net would talk in the hop mode. This would fall under the broader subject of ECCM.

ECCM stands for Electronic Counter-Countermeasure, warfare fought on the electronic front. Conventional fixed frequency radios are designed to transmit and receive on a single channel. This makes them vulnerable to Electronic Warfare (EW) techniques such as interception and jamming. Interception is the unauthorized monitoring of radio traffic, which may place the operator at a severe disadvantage.

Jamming is the deliberate disruption of communication, by operating a transmitter (jammer) on the same frequency as the radio

traffic. Whilst scramblers and speech encryption devices may provide some degree of resistance to the threat of interception, they are ineffective against jammers. Frequency hopping is the only effective counter measure to both forms of electronic attack.

A frequency hopping transceiver is capable of hopping its operating frequency over a given bandwidth several times a second. Only the network users who have programmed their radios with the same frequency, sideband, and hopping code would be able to communicate.

In a frequency hopping network, one station is designated as Master. This station is responsible for transmitting the synchronization data to the Slave stations. There can be any number of Slaves but only one Master within a network.

Our sister regiment, 5 Signal Regiment was responsible for all EW in the SADF and



now the SANDF. They obtain a wealth of information by just intercepting enemy radio traffic.

As with the shortcomings of the Enigma, the German Lorenz Cipher machine being cracked by the team at Bletchley using Colossus, the first computer in the world, who knows if our ECCM was effective at all? 🤖

Pearstalk



(Some of these items are from SARL bulletins, ZS4BS Dennis Green's HF Newsletter, etc.)

R100 DONATION FROM ZS1NAZ

Nasri Gasant, ZS1NAZ, has sent us a donation of R100 for the Club. He is not a member but enjoyed the PEARS VHF/UHF contest recently, as well as other contests organized by the Club. Thank you most heartily, Nasri.

WRTC 2006

Bernie, ZS4TX says he has been asked to coordinate the African leg of the fundraising activities for the World Radiosport Team Championship (WRTC) 2006 to be held in Florianopolis, Brazil during July 2006.

Apart from a donation to the WRTC 2006 fund, interested parties can also enter into the WRTC 2006 Raffle with the opportunity to win a free trip to the event. Details are included in this hyperlink:

<http://www.wrtc2006.com/comunicado00405.pdf>

Please contact me at bernie@cmsbfn.co.za or Jeff Briggs K1ZM@aol.com (Chief Fundraiser) if you require any additional information.

Thank you in advance for your interest/contributions. Let us show them that Africa has a few serious contesters too!

SARL AWARDS

Some of the names of SARL members to whom awards were presented at the function on the Friday night preceding the SARL's AGM were:

Willie Wilson Gold Badge to Rassie Erasmus, ZS1YT.

Jack Twine Merit Award to: Rene van Zyl, ZS1VR; Dave Reece, ZS1DFR; Louis van Heerden, ZS1LVH; Peter Hers, ZS6PHD; Colin de Villiers, ZS6COL.

Radio ZS Shield to Mike Bosch, ZS2FM.

JJ Pienaar Trophy to Johan Terblanche, ZS1I.

Gary Immelman RA Heritage Award to Mike Bosch, ZS2FM.

Arland Ussher Gold Pen Award to M S Osman, ZR1SSB, from Parow.

Congratulations to all these as well as the other award winners not mentioned above, and especially to our own fellows.

PEARS WELCOME TO HF CONTEST

An error occurred in the results posted in last month's QSX. One page of a log from Louis Haarhoff, ZR6LH, was overlooked during processing. This now gives Louis a third-place score of 227 points.

The full results of the ZR section of the contest now read: 1st Place: ZR6STC 575 points, 2nd Place: ZR6JRN 478 points and 3rd Place; ZR6LH 227 points.

The ZS section remains unaffected.

NEW COUNCIL

The ten members who were nominated for the new Council were unanimously elected to Council during

the recent SARL AGM. Their names are:

Graham Hartlett, ZS6GJH, President; Rassie Erasmus, ZS1YT Vice President; Henry Chamberlain, ZS1AAZ Secretary; Abe Zwegelaar, ZS1ZS Treasurer; Dennis Green, ZS4BS; Derek Gravett, ZS5Y; Kobus Conradie, ZR6D; Olivier van Staden, ZS1OLI; Richard Seddon, ZS2CLI; Ivan Newman, ZR2LN, the only new member without previous service.

Thanks to the retiring members as well as the re-elected members for what they have done for amateur radio, and will continue to do.

SARL AGM REPORT

The 2005 SARL AGM took place on 9 April in very good spirits in Johannesburg. It was attended by 53 members, who held 168 proxies amongst them.

Graham Hartlett, ZS6GJH, the President of the League, paid tribute to those whose keys went silent during the past year.

Tjerk, ZS6P, the awards manager of the SARL, made the award of Honorary Life Membership to Marten ZS6ZY. We offer our congratulations to him for his services to Amateur Radio over many years.

President's Report

Apart from the printed President's Report, Graham Hartlett ZS6GJH focussed on the following thoughts.

He announced that the Department of Communications had made funds available for the provision of completely equipped stations in the previously disadvantaged communities in nine of the eleven provinces. A tender has already been accepted.

We will have to pro-actively take part

in this scheme and we will have to act as mentors. A teleconference with clubs will take place at an appropriate time.

The council is in contact with the DoC in respect of errors in and omissions from the latest radio regulations. The establishment of a National Body was a one sided initiative of the DoC without consultation with the SARL. The SARL is awaiting the next step by the DoC.

The Council will continue to focus on growth and development and active marketing and advertisement of the hobby amongst the uninformed and to improve service levels.

A proposed scheme to provide for improved national representation of amateurs was presented. This will inter alia require more active contributions by amateurs. This scheme will shortly be published on the SARL's web site.

The SARL's attitude towards power line communication will be presented at a PLC conference during July.

Motions

The shorter periods proposed in the Council's motions were rejected, but the use of email and the web site for notices was accepted. It will result in large savings in postage.

Finance

The financial report was approved.

As you no doubt know by now, there has been ***no change in the annual subscriptions for the next year!*** In a matter of two years the new Council of the League has pulled us out of the previous mess and ended up with a considerable amount of funds in reserve.

In addition, they have kept members informed of what they're at, and attended to most of the things that have previously bothered members. The time is right for all non-members to seriously consider

whether they should not *also now become part of the organisation.*

The Treasurer suggested that Clubs could consider sponsoring the membership fees of members in need.

SILENT KEY

We announce with regret that Prof Calie Pistorius (Senior), ZS2CWP, passed away on Saturday, 2 April 2005 at his home in Knysna.

He was associated with the University of Pretoria from 1 January 1961 to 31 December 1996, inter alia as head of the Department of Accounting, Director of the Graduate Business School, and from 1 July 1984 to 31 December 1996 as the Vice-Principal.

He was an active member of the Pretoria Amateur Radio Club since 1988. Prof Calie relocated to Knysna after retirement. We extend our deepest sympathy to his wife Hannie, and other relatives.

MAGALIES RA KLUB DOES IT AGAIN

The Magalies Radioamateurklub has again collected R120 for the SARL IARU fund and doubled it to R240. Thanks to the club and Chris, ZS6FCS, and Roelf, ZS6ARR. There was also a contribution from a listener member, Andries Visagie, ZSL401. The fund now stands at R5 356.

The target is R13 000 which has to be reached by end of May when the SARL subscription to the IARU is due. Please make your contribution and help to keep the SARL and South Africa Internationally represented.

After making a donation please send a copy of the deposit slip to 012 991 5651 by fax, to saardt@intekom.co.za by email or to PO Box 90438 Garsfontein 0042 by mail.

The account number for contributions

is ABSA 560 142 722, Menlyn Park, branch code 335 645. Cheques should be made payable to the SA Amateur Radio Development Trust.

THERE'S NOTHING SILENT ABOUT THE SK NET

The Straight Key net got into full swing recently. OM Bill ZS6KO, Clive ZS6AVP, Barrie ZS6AJY and Eddie ZS6BNE all had a great time on 3579 kHz starting at 20:30 and ending at 21:00 SAST. All operators were using their antique "glass top" morse keys.

The quality of sending was of such a high standard that OM Kobus ZS6RPJ in Lichtenburg reported that he could decode the morse on his PC via his newly built digital modes interface.

OM Bill worked more stations after 21:00 too at a much slower speed, < 12 w.p.m.

The SK Net comes together every Tuesday at 20:30 on 3579.


NEWS OF BILL BROWNE

In an e-mail from Bill he says: "Just a note to tell you that I am doing quite nicely in Pinetown. The new flat is very comfortable. So far I have no idea of when or whether I will be able to come on HF. I have not used VHF as yet, being too busy with other things.

"My new address is 420 Pinehaven, 14 Meller Road, Pinetown 3610.

"I have advised ICASA of my new address, but have had no reply so don't know if there is a new callsign or not.

"I have missed the monthly Wrinkly Ravers luncheons. My greetings to all. 73 – Bill (ZS2BY)."

[Nice to hear from you, Bill. We miss you at the Wrinkly Rave and our various functions – Ed.] 

Condolences: Our deepest sympathy to Ewald Bouwer ZS2EHB and family on the passing of Ewald's sister Maureen in the middle of last month. This was an additional shock for their father, who has had a heart triple-bypass operation. He, we are glad to hear, is doing well under the circumstances.

Elize and Garth would also like to thank all those who called or telephoned them or sent a card during their recent loss of Elize's father.

To those celebrating special days (22 May to 18 June) we say

Have a Happy Day... 

... on your birthdays

16 Peggy & Viv Moore ZS2VM

May

- 22 Saney Martin ZR1S
- 22 Bill Hodges ZS2ABZ
- 25 Danie Pretorius ZS2CX
- 31 Joe Jasson ZS2JLJ
- 31 Dennis Flynn ZS2DB
- 31 Shirley Carr, XYL of ZS2C

June

- 2 Vanessa Cummings XYL of ZR2GV
- 2 Vernon van der Watt ZR2WC
- 3 Tim Joubert ZR2TW
- 5 June Jones ZS2JJ
- 6 Linton Rohl ZR2LIN
- 6 June Schwarz, XYL of ZR2GPC
- 7 Maria Marran, XYL of ZR2AI
- 9 Gus Winter ZS2MC
- 10 Ken Victor ZS2OC
- 10 Magda van der Merwe, XYL of ZS2JC
- 10 Eva Wilm, XYL of ZS2BBG
- 11 Maureen Fulton, XYL of ZS2MG
- 13 James Hoole, ZS2ABM
- 16 Ian Moore ZR2IJ
- 18 Ingrid Petzer, XYL of ZR1DJJP

... on your anniversaries

May

- 23 Rouhe & Henry Danielson ZR2HPD
- 24 Denny & Tom Davies ZSL037
- 25 Laurene & Charlie Stevens ZS1AWG
- 25 Merle & Neil Thomas ZR2NT
- 31 Del and Neil Bousfield ZR2DR

June

- 4 Marge & Jim van Loggerenberg ZS2LR
- 14 Heather & James Hoole ZS2ABM



Moving: Bill Atteridge, ZS2V and Julia are leaving for Witbank, where they have family. We wish you well on your relocation to Div 6, and hope to hear from you soon.

Bill will be paying his subs for PEARS although, as an Old Toppie, he no longer has to pay them.

He also presented us with many bits and pieces, for which we thank you, Bill.

Congrats: We have a new member, Herby Luck ZR2LH, of East London, and his wife Diane. Herby's birthday was on 6 May so he joined too late for reference in last month's QSX but their anniversary is on 18 May, and we hope you will have a good time.

In Hospital: Judy Tremeer, XYL of ZS2BWB, was in hospital in mid-April to have *eleven* gall bladder stones removed, while Ken ZS2BWB goes in a few times a week for treatment.

Clive Swanepoel went in for a redo of his knee, which was replaced some years ago.

John Hugo, ZS2J, was due for a knee operation on 21 April but they found a few tiny scratches around one ankle (maybe a small dog?) and decided they could not operate. He seems to have decided not to have the operation after all. 🐕

Your Society's Committee

| | | | |
|-----------------------------------|---------------------|--------------|-----------------------------|
| Chairman, Awards..... | Rory Norton ZS2BL | 585-9330 | rory@commco.co.za |
| Vice Chair, | Chris Scarr ZS2AAW | 368-1344 | cvscarr@intekom.co.za |
| Secretary, Internet Website | Barry Murrell ZR2DX | 083 717 9210 | zr2dx@mweb.co.za |
| Treasurer; Assets Control | Clive Fife ZS2RT | 367-3203 | cfife@absamail.co.za |
| Repeaters, packet,..... | Chris Scarr ZS2AAW | 368-1344 | cvscarr@intekom.co.za |
| Social, Refreshments, | Bill Hodges ZS2ABZ | 581-2580 | whodges@absamail.co.za |
| Special Events | Ewalt Bouwer ZS2EHB | 933-3482 | ewalt.b@freemail.absa.co.za |
| QSX printing and info | Ashley Goosen ZR2AG | 468-0887 | ashleygoosen@xsinet.co.za |
| QSX Editor (ex com)..... | Garth Laaks ZS2HB | 368-1101 | glaaks@iafrica.com |
| QSX distribution (ex com).... | Trevor Scarr ZS2AE | 367-1746 | t&j.scarr@intekom.co.za |
| Technical Classes (ex com) ... | Al Akers ZS2U | 360-2983 | makers@firestone.co.za |

PEARS' VHF/UHF & Other Services

REPEATERS

| | | |
|-------------------|-------------------|---------------------|
| Town VHF | # 145,050/650 | |
| Town UHF | # 431,050/438,650 | Knysna |
| Cockscomb | 145,000/600 | Lady's Slipper..... |
| Colesberg | * 431,075/438,675 | Noupoort..... |
| Cradock | * 145,050/650 | Uitenhage..... |
| Grahamstown | * 145,150/750 | |

* These form the PEARS long-range 2-metre repeater system, also linked to which are East London 145,775 MHz, George 145,700, Danabaai 145,600, Stilbaai 145,750, Butterworth 145,725, King Williams Town 145,625 and Umtata (438,725 duplex). It is further extendable to Cape Town via the WCRWG system. # These can also be linked as required.

OTHER SERVICES

| | |
|---|---------|
| Packet Bulletin Board (ZSØNTP) | 144,625 |
| Packet Rose Switch ZSØGHT-3,046101 (144,675 in/out) or 046102 (UHF out to BBS)..... | 144,675 |
| 2m Beacon (ZS2VHF CW ID, FSK) (horizontally polarized, 160W ERP,) | 144,415 |
| 6m Beacon (ZS2SIX CW ID) (horizontally polarized, 25W ERP) | 50,005 |
| 6m Simplex Link with Lady's Slipper 2m Repeater (vertically polarized) | 51,400 |

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 Butterworth to George and up to the Free State and their 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 to the 2m network, in receive-only mode or with full transceive capability for interactive events.

| Date | Prepare and Read on 2m Repeater Link | DIARY DATES |
|--------|--|---|
| 15 May | ZS2EHB ew Chairman ice Chairman Secretary Treasurer Committee member | <u>MAY</u> 14 AMSATCON 2005 19 Radio Amateur Examination 21 PEARS ANNUAL GENERAL MEETING, BRAAI and BOOTSALE |
| 22 | | <u>JUNE</u> 2 Wrinkly Rave 29 President's Net & Intecnet |
| 29 | | |
| 5 Jun | | |
| 12 | | |
| 19 | | |

* We like being your Society *