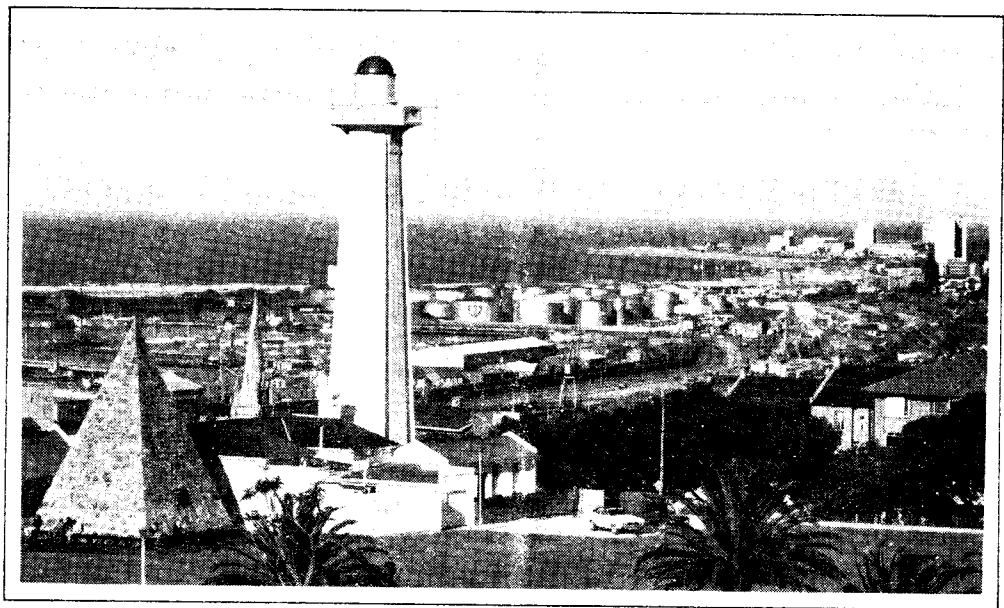
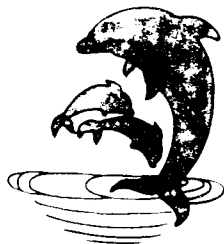




Q S X P E



**THIS NEWSLETTER IS PUBLISHED BY THE
PORT ELIZABETH BRANCH OF THE
SOUTH AFRICAN RADIO LEAGUE**

**P.O. BOX 10402
LINTON GRANGE
6015**

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11-92

NOTICE OF MEETING

The next monthly general meeting of the Port Elizabeth Branch will be held on **Friday, 20 November 1992**, commencing at 20:15. The venue will be the Civil Defence Centre, Westview Drive, Mill Park, Port Elizabeth.

After the business, the video **"Hans in Space"**, for

which there was no time last month, will be screened. This will be followed by general natter, which seems to be a popular requirement at our meetings.

And no wonder! Look at all the interesting and enthusiastic members we have, and over 50 of them turn up every month!

RENEWAL OF SUBSCRIPTIONS

Membership of The Branch stands at 164 paid-up members at present, according to the latest list furnished by Headquarters.

Several members have not renewed their subscriptions for the new League year and, while the number is fortunately small, we are very sad to lose them as members. Some have provided a reason - mainly the increase in subscriptions - and, to those who have not, we would appeal to you to let us know what prompted you to let your membership lapse. Your identity will be treated confidentially if you so desire but it is only by knowing why we lose valued members that we can try to do something about it. Put another way, we need the concrete, first-hand ammunition that only you can provide.

Also at this time of year we review our QSX distribution and prune the complimentary copy list in view of the high cost of producing and mailing the newsletter. Apart from those to a very few "special" non-members, complimentaries are limited to people who provide reasonably comprehensive articles or services for QSX or the Branch during the year.

Those who make use of our Branch Social Membership facility (R20 a year) will, of course, continue to receive regular copies of QSX-PE.

SK

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**MINUTES OF THE GENERAL MEETING OF THE PORT ELIZABETH
BRANCH OF THE SOUTH AFRICAN RADIO LEAGUE HELD AT THE
CIVIL DEFENCE CENTRE, MILL PARK, PORT ELIZABETH ON
FRIDAY 16 OCTOBER 1992**

PRESENT: 48 members and visitors.

APOLOGIES as per attendance register.

The Chairman extended a warm welcome to all present, especially to Lincoln King, ZS2BZ and several members from Uitenhage.

In the absence of the Secretary, A1 ZS2U agreed to record the minutes of the meeting.

MINUTES OF PREVIOUS MEETING:

The minutes of the August 1992 meeting had been circulated in QSX-PE and were taken as read. Their adoption was proposed by Dick ZS2RS, seconded by Colin ZS2AO.

MATTERS ARISING:

FINANCE:The Treasurer reported that Branch funds stood as follows:

General Fund	R3 304,52
Repeater Fund	1 568,47
1994 AGM Fund	4 711,52

A further R175,00 (included above) had been donated to the AGM Fund by members of other branches when remitting subscriptions. Barry ZS2H suggested that the branch consider a form of debenture as a means of raising funds for the AGM Fund - the idea being that members loan funds to the Branch, which invests the funds for a period up to the 1994 AGM and collects the interest earned thereon. He offered to lend the branch R1 000.00 as a start. Colin will follow this up. Barry was thanked very much for this, and also for offering several items for sale for AGM Funds.

CORRESPONDENCE:

(i) Various items of correspondence received from League Headquarters were read, including Council Minutes, DAC Minutes and the Treasurer's statement. The Chairman noted that the financial position at HQ was looking very healthy, largely due to the income received from book sales. The League Treasurer had indicated that an increase in subs of around 13% was projected for the 1993-1994 year, which was not felt excessive taking current inflation into account.

(ii) Advices of transfer of membership had been received from HQ for the following members:

Erich Schadl ZS2EF of East London
Brian Peckham ZS5PP now of Grahamstown
Danie ZS1AEC and Poppie Oosthuisen ZS1AFZ of Bellville.

GENERAL:

(i) **JOTA:** Dick ZS2RS, the Branch JOTA convener, gave an outline of the plans for JOTA and appealed to members to assist. Raphy ZS2SP asked what organisation had taken place in preparation for

JOTA. The Chairman gave a full breakdown of plans made for the event at three meetings held with the Scouts.

(ii) The oil painting donated to the branch would be raffled in the new year. Dick ZS2RS suggested that tickets be printed along with a photograph of the painting and distributed to all branches for sale, with one ticket from each book going to the ticket sellers.

(iii) Al ZS2U reported that he had not received much assistance in preparing the branch HF antenna site on his smallholding. Members responded generally that Sunday was not a good day for them, and that Saturdays might be more suitable. Al replied that unfortunately Sunday was the only day on weekends for which he was available. It was agreed that an appeal would be made on branch bulletins for assistance in this project for Sundays when Al planned to work at the site.

(iv) The Chairman invited motions to be submitted to the League 1993 AGM. None were forthcoming from the floor. Garth ZS2HB, who had tendered his apologies for the meeting, had submitted four motions for the Branch to consider for submission, and the details of these were read out.

They were as follows:

- (i) Amendment of Rule 197 of the Constitution.
- (ii) Amendment of Rule 89 of the Constitution.
- (iii) Use of frequencies in the 40-meter band by digital stations.
- (iv) Introduction of "No morse" Technician Class of Amateur licence and a licence requiring morse for the first 300 contacts before the use of voice on HF bands.

After detailed discussion a vote was taken and it was agreed that motions (i), (ii) and (iii) (as above), with shorter motivations, would be submitted by the branch.

CLOSURE:

There being no further business, the Chairman closed the meeting at 9:05 and invited all to enjoy a cup of tea or coffee (and scones provided by Rosemary ZR2RR) in the adjoining room.

After the tea break, Colin ZS2CTR gave an interesting talk and live demonstration on Packet Radio, using the kit offered by the Branch for R95.00.

The meeting ended at 10:30, with the Chairman thanking Vic ZS2SZ and Joan ZR2ABA for preparing the tea, and all for attending.

CHAIRMAN

SECRETARY

FROM THE CHAIR:

I THOUGHT it would be a good idea to bring to your attention items of interest from Branch Committee Meetings, SARL Council Minutes, other branches, and general news. Feedback would be welcomed. If you perhaps don't like the column or have some suggestions for its improvement, please pass these on at the next Branch meeting.

Extracts from Council Minutes:

- ★ Book sales are contributing to 25% of the total League income.
- ★ The QSL Bureau has been streamlined and is operating below budget.
- ★ Capitalisation of interest on the Building Fund has now been implemented. (This omission had been queried by the East London branch delegate at the 1992 AGM).
- ★ A packet station is now operating from Headquarters using the call sign of ZS6SRL.
- ★ Council is to investigate the removal of the need for formal reciprocal licensing with neighbouring states.
- ★ The National Bandplanning Committee has resolved that if an amateur is in range of two repeaters on the same channel and triggers them simultaneously, he is causing interference. He must take steps to avoid the problem.
- ★ A seminar to introduce P&T departmental staff to the

varied facets of Amateur Radio is to be planned for a date in the near future.

- ★ Due to nominal increases in overall expenditure, an increase in SARL subscriptions of 12,9% is projected for the 1993-1994 year. (Taking inflation into account, this increase appears to be quite reasonable in the circumstances).
- ★ The "Radio ZS" budget has been increased by 15% but alternative cheaper publishing costs could keep this to a minimum.

This and that:

- ★ The latest League financial statement is looking very healthy. Hope the book sales continue as they are!
- ★ Several members have suggested that the Branch should not proceed with a 2-meter repeater link to the Western Cape.

These members feel that the considerable effort and time involved may not be worth the results, and it could well turn out to be a white elephant. Rather, they say, we

should put our efforts and funds into getting the present repeater network upgraded and operating optimally; also that we should look at developing a repeater system which will provide 2-meter communications to cover the coastal road to East London, and the N2 west to beyond Plettenberg Bay but without a link through to George.

It is not my intention to influence anyone in this regard, but as Chairman I feel obliged to take up the matter. The local repeaters are provided by the Branch for your benefit and convenience and for Hamnet emergency communications, so what do you think?

Perhaps this subject could be made the topic of discussion and, if necessary, a vote at a meeting in the new year.

Maybe you'd like to give it some thought in the meantime?

★ Congratulations to Mike, ZR2MBM, on being awarded a Merit Award for Service from the Westering High School for outstanding achievements in the field of Amateur Radio and First Aid. Well deserved, Mike!

★ The Branch has secured a central high-site for a "Town" UHF repeater and, having now received the League National Bandplanning Committee's concurrence on frequencies, it will be installed soon. The widespaced frequencies proposed for this repeater are 431.050 in and 438.650 out. Initially it will not be linked to any 2-meter repeaters.

Until next month, best 73

Colin, ZSZCTR

1994 AGM FUND

The AGM Fund has now topped the R5 000 mark, including some further donations from well disposed non-Branch members. We trust that they will all attend the 1994 SARL AGM in Port Elizabeth and themselves benefit from the reduced cost of participating in the various activities, which is the purpose behind this AGM fund.

The original painting executed and donated to the Branch by Lydia White, XYL of Chris ZR4ABC of



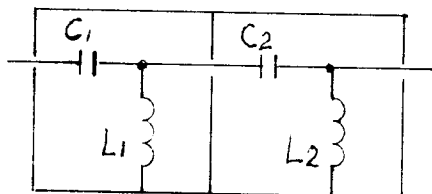
Venterstad, will be 'raffled' (legally!) in the new year, while one of the five vouchers that we have received for free weekend accommodation at a leading Transkeian holiday resort forms the prize in the 'CodeWord' puzzle that appears elsewhere in this issue of QSX.

Our target is a minimum of R7 000, which we must have before the end of 1993, so every little bit will help. Please keep those donations rolling in!

TV INTERFERENCE FILTER for M-NET

BARRY JACKSON ZS2H

My neighbour recently acquired the latest M-Net decoder, a model housed in a plastic case. This is the reason for the very simple HP filter described in this article and which was needed to cure a TVI problem. (My own metal-cased decoder is TVI-free).



$C_1, C_2 = 6,8\text{pf}$
 $L_1, L_2 = 4\text{t of } 0,06\text{ wire;}$
coil 6mm long,
7mm dia.

The components are housed in a small metal (steel) box. There is a partition between C_1, L_1 and C_2, L_2 . Coils should be positioned in different planes.

The input/output leads are short lengths of TV coax, the screens being soldered to the inside of the box. One of the leads (the output from the filter) is terminated in a standard TV plug, while the other (the input lead) must be fitted with a female "in-line" socket to accept the plug on the existing TV aerial coax. It does not matter which side of the filter is chosen as the input or output.

Performance of this unit is excellent and was measured to be:

Attenuation at 50 MHz : -50,8dB

Insertion loss 200 MHz to 1 GHz : Less than -2dB.

Thanks to the SABC for providing frequency and other relevant details to enable the filter design to be a "First Time Works Well" project.

No thanks to M-Net for their most un-professional approach to the problem!

SK



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As a result of some poor operating practices that have come to notice of late, I have been prompted to write a series of contributions to QSX on the subject. This situation is understandable as we have had a large influx of new members over the past year or so. Some of the old-timers could also do a bit of brushing up in this regard! It is so easy to slip into bad habits without even realizing it. Check on your operating practices. Ask some of the more experienced operators for reports or assistance.

The SARL *Hamnet Emergency Communications Manual* is useful as it goes into detail on operating practices. While these may well be aimed at operating in emergency or disaster situations, they largely apply to operating under normal situations as well. Also, emergencies are hardly the times to brush up on operating practices. This should be done under normal operating conditions so that it becomes force of habit.

Let us start with microphone usage. Hold the microphone near the mouth, but turned to the side so that you speak *past the front* of the microphone, not into it. This minimises sibilants, popping sounds etc.

On FM equipment, make sure that your audio level is correct, that is 5 kHz deviation. Voices and equipment vary, so there is a good chance that some adjustment will be required. Speaking louder or softer to compensate for low or high levels is not satisfactory as

you tend to go back to your normal speaking level. Holding the microphone further from your mouth is not recommended.

The only really successful way to get the correct level is to adjust the microphone gain control, even if it means having to open up your handie-talkie and finding the preset gain pot.

Though not often, sometimes the operator's voice and the microphone are not compatible. Try different microphones till you find one that suits your voice. Often handie-talkies have built-in electrostatic microphones. These are sensitive to distant sounds and have good low frequency response, two characteristics which make them unsuitable for use in noisy environments or under windy conditions.

It is preferable to use an external close-talking type of microphone. An army surplus dynamic microphone works well here.

SK

Win a Weekend at a Popular Transkeian Holiday Resort I

Using ink, fill in the squares with the morse code (one dot or dash per square) in answer to the clues provided and post your entry with a five rand donation in a sealed envelope to: THE PE BRANCH AGM FUND, PO BOX 10402, LINTON GRANGE 6015 to reach that address by noon on 16 January 1993. The first correct answer opened after the closing date and time will win a voucher for free accommodation and meals for two people at a popular seaside resort hotel for a weekend (Friday evening to Sunday afternoon). The voucher will be valid for several months after the close of the Christmas 'season'. The decision of the judges will be final and no correspondence will be entered into.

ACROSS

1. Painful but may glide, we hear
2. The craftsman's business is a swop
3. Take peas to the front of the church
4. Join a piece of wood to another with the end of your finger
5. ZS2SZ
6. Poke or quick injection
7. Does that eastern lady know her dress?
8. Take a Wang to see a dog going at a bone
9. Do the strikes get into the Top 20?
10. Not the outer circles

	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

DOWN

1. A raid into that dry land?
2. It sounds like a good price for the trip
3. Iron oxide is just the thing
4. He wrote it all down
5. A man's dress?
6. Does one scoff at the way the yacht comes around?

7. The ham's wooden notebook?
8. Sited for incoming and outgoing water
9. A vet and I give a name to the lady from South America
10. From the land of Id he rushed

IN PASSING... The bit in last month's QSX about Dé Dago etc. reminds me of the gentleman who entered a restaurant and asked the waitress: "F U NE X?" to which, nodding, she replied: "S".

Diner: "N F U NE M?"

Waitress: "S".

Diner: "OK, M N X".

ZS2PE DIGIPEATER ON STREAM

LIONEL COOMBE-DAVIS ZS2DD

Some time ago André ZS2BK suggested that we should have a packet digipeater at the Branch's Grahamstown repeater site on Governor's Kop. This would give a much greater packet coverage in the Eastern Cape and Border and enable packet stations outside the PE area to access our BBS on the Lady's Slipper. It would also generate more interest in packet operation, as a much greater area would be covered.

The Grahamstown digipeater has been a joint project by some of the local hams. André supplied the TNC, Trevor ZS2AE and Chris ZS2AAW modified and aligned the 2m transceiver while Wolf ZS2WG and Andre stood by for the many on-the-air tests and suggestions on improving the operation of the system.

On Saturday, 24 October Trevor went to Grahamstown to install the digipeater. After the digi was put into operation it was found that the TX switching transistor in the TNC was not switching off, causing a relay in the transceiver not to change over to receive after transmitting. Trevor brought the unit back to PE for further checks. Chris made some improvements to the TNC switching circuit and all worked fine. On Friday afternoon, 30 October, Chris installed the digipeater at the Grahamstown repeater site, whereafter it worked fine (except for a lock-up on Friday 6 November, which had many of the abovementioned team rushing up to Grahamstown and working on the problem until 00:30 - *That's dedication!* - Ed).

This digipeater operates on simplex, 144.675 MHz. You transmit and receive on the same frequency and yes, it's the same frequency as the Lady's Slipper repeater. It is not itself a bulletin board; in other words it will not give you any instructions or messages when you sign on.

To use the digipeater, you enter the call sign of the station you want to connect to, followed by "VIA ZS2PE". If I wanted to connect to the ZS2PE-1 BBS, I would send the following:

```
C ZS2PE-1 VIA ZS2PE
      or simply
C ZS2PE-1 V ZS2PE
```

After a few moments, I will see the message:

```
CONNECTED TO ZS2PE-1
```

If you want to connect to Tom ZS2XYZ in East London from Port Elizabeth, then enter:

```
C ZS2XYZ V ZS2PE.
```

If the connection is successful, you will then see:

```
CONNECTED TO ZS2XYZ
```

on your screen. You now talk to the distant station in the normal way, the digipeater

repeating all data sent by you and the distant station. Since it repeats *parrot-fashion* after each packet from the connected stations, there will be slight delays between your transmissions and the receipt of a reply.

The path between your station and the digipeater can be checked by connecting to yourself via the digipeater. Everything you now type will be repeated onto your screen by the digipeater. When the test

is complete, use the DISCONNECT command for your TNC to disconnect from yourself, just as you normally disconnect from another station.

Remember, never connect to the Digi itself, i.e. C ZS2PE, but only "C xxxxx via ZS2PE".

If packets through the digipeater to the local BBS appear to be slow, please bear in mind that there may be other users on the channel who you cannot hear and the digipeater must wait its turn.

TECHNICAL DETAILS:-

Location	: Governor's Kop, near Grahamstown
Latitude	: 33° 17" S; Longitude 26° 42" E.
Locator	: KF36IR
Call Sign	: ZS2PE
Frequency	: 144.675 MHz
Digipeater	: GLB TNC
Transceiver	: Storno CQM 614. 10 Watts
Antenna	: Folded dipole.

My thanks to all who helped to make this project a success. Please make use of it, especially the hams outside the Port Elizabeth area. If you have any queries about the

digipeater, please don't hesitate to contact me or any of the local packet operators.

Have fun and communicate via the digi! SK

BULLETIN ROSTER

		TRANSMIT BULLETIN	RELAY/ NET
Nov	22	ZS2DL	ZS2ABN
	29	ZS2ABN	ZS2DL
Dec	6	ZS2CTR	ZR2ABK
	13	ZS2HB	ZR2RD
	20	ZS2EQ	ZR2PF
	27	ZS2U	ZR2AAX
Jan	3	ZR2ABK	ZS2CTR

CW EXAMINERS

The following members are authorised to impose CW tests:

Al Akers	ZS2U
Lionel Coombe-	
Davis	ZS2DD
Garth Laaks	ZS2HB
Bud Voortman	ZS2CA

Before contacting them, it is advisable to ensure that you can send and receive 100% at a little faster than the prescribed speed. This makes allowance for 'examination nerves'.

JOTA Experiment a Success

This year's JOTA in Port Elizabeth, as you know from bulletin and QSO articles in recent months, took a somewhat different form from that of previous years and it turned out to be a grand success. About 200 Scouts participated enthusiastically in the various "Bases of Activity" initiated by the Scouters and which the Scouts were required to attend in sequence for points. They included demonstrations/talks on CW (which was transmitted via dummy loads between two HF sets), Radio Procedures and 2 metre operation, Use of Walkie-

Talkies, DF Hunts and Packet Radio.

There was a static display of old radio equipment and, of course, a live HF station, the latter providing unusual excitement with a QSO with ZS7ANT in the Antarctic on 15m. ZS7ANT was snowbound in a snowmobile and had dialled up the ham bands on his mobile radio to while away the time! The overall highlight of the day's event, however, was undoubtedly the Slowscan Television link-up between Gilsands (Colin ZS2AO) and

CTo page 13→

Satellite TV

November Special introductory offer !!

ECHOSTAR have recently brought out their remarkable low video threshold satellite receiver, the LT-530. This receiver was especially designed with the fringe area viewer in mind. It is microprocessor controlled and is fully C and KU Band compatible, making it future-proof for many years to come.

Coupling this receiver to the latest state-of-the-art feedhorn and amplifier results in excellent pictures on dishes as small as 1.8 metres in diameter. The ECHOSTAR LT-530 utilises the latest threshold extension circuitry to receive pictures with colour and sound out of what would have been nothing but noise on conventional satellite receivers.

ECHOSTAR LT-530 Receiver	NORMAL	Retail Price	R1899.00
GARDINER 26° Kelvin LNB (US-made)	"	"	R 899.00
CHAPPARAL Feed Horn (US-made)	"	"	R 439.00

INTRODUCTORY PACKAGE PRICE : R2650.00

PLUS ! With every complete system purchased you receive a BOP TV decoder with paid-up Smart Card (expiry date 31/12/92) at the special price of R450.00 (normal price R700.00) or M-Net 9000+ decoder at R500.00! Offer open while stocks last.

Phone for dish prices and/or details on how to make your own -

Colin Ashwell ZS2AO, SAT TEC AGENCIES, 041-312471
or write to: 5 Hamerkop Street, Cotswold Ext. PE 6045

Uitenhage (Jim/Donovan ZS2LR/ZS2DL).

The Deputy Chief Scout's message to Scouts throughout the world was transmitted from Port Elizabeth. Unfortunately, due to skip conditions on 40 and 20 metres, a *telephone* call was used. (Headquarters still seems unwilling to use the excellent 30 metre band for country-wide hookups in spite of the successful 1992 AGM motion calling on them to do so, and so JOTA became JOTT for this important part of the proceedings - Ed.).

The day's activities were thoroughly enjoyed by the Scouts and they wrote to the Branch to express their thanks for the sterling efforts. The following hams gave of their time and enthusiasm under the direction of Dick ZS2RS: Viv ZS2VM, Ben ZR2ABE, Colin ZS2AO, Vic ZS2SZ, Al ZS2U, Stoffel ZS2C, Colin ZS2CTR, Mike ZR2MBM, Raphy ZS2SP, Clive ZS2RT, Andrew ZS2G, Bill ZR2AAN, Wolf ZS2WG, Dudley ZR2RD, Peter ZR2PF, Lionel ZS2DD and, in Uitenhage, Jim ZS2LR and Donovan ZS2DL.

Thanks, guys. *That's* Team Spirit. *That's* what makes this the Premier Branch!

'Smoother' Bike Race Comms

The SA Road Cycling Championship event took place on the morning of Saturday, 10 October in the Seaview area and communication was provided for the event by the Port Elizabeth Branch. A range of high hills runs right in the middle of the

course and this made it somewhat more difficult to provide the communication network.

Tests made with Van ZS2JC via the Lady's Slipper repeater showed that this facility would be of no value for these comms. Further tests around the course on two metres simplex with Lionel ZS2DD indicated that three of the five stations would be able to communicate with Control at the finish line just below the Minhetti Hotel. A relay station on one of the hills provided a link between Control and the remaining two stations.

The stations were manned by Barry ZR2AAB, Bill ZR2AAN, Peter ZR2FP, Mike ZR2MBM, Colin ZS2AO, Clive ZS2RT and myself.

I am pleased to say that the comms went off very smoothly and wish to thank all the operators for functioning so efficiently. Also, thanks to Lionel ZS2DD and Van ZS2JC for their help.

73,

Al, ZS2U

ROBOT RUNS RIOT, WRECKS ROLLS ROYCE

When its program went wonky recently, a mobile robot at the saltmine of Keith ZS2AAX got violent and attacked his Land-rover, denting the door before he could underpower it.

OK, so his car isn't a Rolls Royce. I lied, but it sounded good!

SK

HAM OR AMATEUR?

HAM RADIO TODAY, SEPT. 1992

The Wireless Institute of Australia (WIA), acknowledged as the oldest amateur radio society in the world, have since 1959 had the policy to actively discourage the use of Ham to describe an amateur radio operator. After taking into consideration:

1) The increased use, public understanding and acceptance of the word Ham to denote a radio amateur within Australia, without any derogatory intent,

2) The meaning of Ham and Amateur in the Australian Macquarie dictionary, and

3) The need to explain amateur radio in terms easily understood by the public and so raise their awareness of our hobby;

the WIA Federal Council has repealed that policy. It looks like even the most established organisation in the world is moving with today's times!

EDITORIAL COMMENT:- So *that's* where the IARU got its silly idea from, albeit belatedly only in 1989 about the time that the WIA was already having second thoughts about it! The WIA's reasons for reinstating Ham to its honourable, traditional place in our terminology are exactly what we, in Port Elizabeth, used at the 1990 AGM in an attempt to have SARL Headquarters ignore (if not actively fight) the IARU's call to outlaw Ham.

We were unsuccessful then but, just as an increasing number of branches are coming around to our way of thinking on this and our other issues that failed at AGM 1990, and as more hams are starting to think for themselves, I am sure that the use of the better-known term Ham will go from strength to strength.

The SARL should not only follow the WIA's commendable initiative but also call upon the IARU to revoke its rather churlish meddling with tradition. We can do without unnecessary regimentation of our hobby, especially by our own representative bodies.

But if Headquarters cannot bring itself to actually use the term Ham then at least, once our bulletin readers/ZS columnists have made it clear that they are talking about *Radio* things, perhaps they could spare us the irritation of that repetitious prefix 'Radio' whenever 'Amateur' is referred to. The Radio Regulations define us as "Amateurs" - *not Radio Amateurs* - but we can also be called 'operators' or 'licensees' to further break the monotony.

SK

★ ★ PERSONAL NEWS ★ ★

Condolences: We learned with regret of the passing of the mothers of Neil Davies ZR2ABR and Antonio Flores Y Bartoli, ZR2AAM. We extend our condolences to you and your families, Neil and Antonio.

Congratulations ... to those celebrating soon:

Birthdays – **November:** Fred Strutt ZS2JS (26th); Gerald Taylor ZS2AAX (28th). **December:** Ronnie Drescher ZR2AD and Rowland Mash ZS2-067 (1st); Clive Fife ZS2RT (5th); Lionel Coombe-Davis ZS2DD (6th); Bubbles Lookwhy (ZS6BGN) (8th); Lou Middendorp ZS2UI (10th); Jan Stark ZS2-265 (11th); Phil Bothma ZS2B (12th); Kay Strutt (ZS2JS); (13th); Andre Retief ZS2-280 (17th); Anne Olivier ZR2ABC (18th).

Anniversaries – **November:** None listed. **December:** Dot and Vic Plumridge ZS2VP (9th); June ZS2JJ and Mike Jones ZS2MJ (10th); Jane and Clive Fife ZS2RT (12th); Martie and Dick van den Berg ZR2ABH (13th); Marlene ZR2ED and Colin Ashwell ZS2AO (16th).

... to **Mom & Dad** Andries van Wyk ZR2AVW and XYL, on the birth of a daughter recently.

... to **New Grannies** Fred and Yvonne Bonthuys, whose daughter presented them with a bonny daughter on 4 November.

... to **Successful CW examinees** Simone Pukall (writing RAE this month) and Gideon Grobbelaar ZR2ABL. Simone handled a key for the first time six days before the exam yet passed her sending with very good formation!

Welcome ... to new members Keith Reid, ZS2RD of Port Alfred, previously Johannesburg Branch, Erich Schadl ZS2EF, transferred from East London Branch, Danie ZS1AEC and Poppie ZS1AFZ Oos-thuizen, transferred from Tak Boland, Steve Grime ZS2ABO (King William's Town) and Brian Peckham ZS5PP/V9AAA, now of Grahams-town, transferred from Tak Wolkberg. Glad to have you all with us, and we hope your association with us will be happy and fruitful.

Wandering: Lynne ZS2MM and Julian ZS2AAV have been showing Barry G4TAM around the beautiful Southern/Western Cape.

Permanent Loafers' Club: Viv ZS2VM relinquished all his annual leave, weekends, public holidays and even his free time benefits recently and now Werner ZS2WA is following him at the end of November. Our sympathy, chaps.

SK

PORT ELIZABETH BRANCH COMMITTEE

CHAIRMAN, TREASURER, DIGITAL, SERVICES, REPEATERS	Colin Robertson	ZS2CTR	30-0570
VICE CHAIRMAN, EDITOR QSX-PE SECRETARY	Garth Laaks	ZS2HB	38-1101
HAMNET, SPECIAL EVENTS, CLUB STATION, RALLIES	Fred Bonthuys	ZS2EQ	63-3804
SPECIAL EVENTS/RALLIES WG	Al Akers	ZS2U	30-2983
PROJECTS	Peter Flynn	ZR2PF	42-4008
PROJECTS WG	Martin Layton	ZS2ABN	922-7958
CONTESTS, AWARDS	Sharon Layton	ZR2ABK	922-7958
	Donovan van Loggerenberg	ZS2DL	992-2374
TRAINING LIAISON	Keith Olivier	ZR2AAX	30-2440
SOCIAL, GUEST SPEAKERS, QSX WG	Dudley Radue	ZR2RD	33-2255

SA AMSAT LIAISON	Lionel Coombe- Davis	ZS2DD	32-1770
DIGITAL/REPEATER WG CONVENOR	Trevor Scarr	ZS2AE	32-1746
LIBRARY, DF, IPHA	Vic Olivier	ZS2SZ	30-2440
QSX COMMITTEE	Viv Moore	ZS2VM	30-4433
YAS LIAISON	Mike Bentley	ZR2MBM	30-1498

SUNDAY BULLETINS

Bulletins are transmitted on Sundays at about 08:40 (after the Headquarters bulletin) on -

- 7,098 MHz and \pm 10,123 Mhz (40 & 30 metres) on SSB
- 14,130 MHz (20 metres SSB) when conditions require
- 145,700 MHz and 145,750MHz repeaters (2 metre band)
- 51,400 MHz (linked with 2m Lady's Slipper)

BRANCH VHF & HF SERVICES

Repeaters:

Town (PE Central)	145,050/650	Kareedouw	145,125/725
Town UHF	431,050/438,650	Lady's Slipper	145,100/700
Cockscomb	145,000/600	Uitenhage	145,025/625
Grahamstown	145,150/750	University	145,175/775

Other Services:

2 metre beacon (ZS2PE CW ID)	144,910 MHz
Packet Bulletin Board	144,675 & 14,109 MHz
Digipeater (Grahamstown)	144,675 MHz
6 metre link with Lady's Slipper	51,400 MHz simplex
6 metre beacon (ZS2SIX CW ID)	50,005 MHz

BRANCH MEETINGS

20:15 (8.15 pm) on the third Friday of the month in the Civil Defence Centre, Westview Drive, Mill Park.

★ ★ We like being your branch ★ ★