

July 2024



This Newsletter is published by the Port Elizabeth Amateur
Radio Society

Editing by Ashley Goosen ZS2AG

**QSX-PE - Newsletter for the discerning
Radio Ham**

Next PEARS Monthly Meeting will be on Tuesday,
16th July at the Italian Club.

Chairman's Report



Another month has passed and thank you to Ashley for a brilliant QSX edition once again. Without the support of the members submitting articles this would not be possible.

A foxhunt was held in Port Elizabeth and was well attended. Thank you to those who participated. Read more in this edition of the QSX.

This year we are running a raffle again for a Yaesu FT-4X Dual Band Handheld. Tickets are on sale at R50-00 each. Simply go to www.zs2pe.co.za and click on the link on the front page and follow the instructions to book your spot, you never know, you might just be the lucky one.

I would like to thank Chris, ZS2AAW for recommissioning the Slipper repeater. The VHF (145.700) and UHF (438.700) repeaters are now active once again. They are currently running on mains power with no battery back up. Once the batteries are upgraded at Longmore, the old batteries will be used at Slipper. Longmore and Slipper are currently linked to each other, with the Town repeater now on its own.

I also had a meeting with SAPS at their Kareedouw Berg site to see if we can co-share with them to get our repeater back up and running. The green light has been given by SAPS and the project is now in the planning phase.

The ZS2 QSO Party (sponsored by PEARS) takes place on Sunday the 21st of July from 16h00 to 17h00 SAT. I would like to request all members that

have HF available for the 40 meter band please take part and support the contest.

A reminder of the Monday evening club bulletins at 20h00 SAT on the Slipper repeater. Please listen and call in, even if it is just to let us know you are there! Preceding the bulletin is a rebroadcast of the SARL News in Afrikaans at 18h30 followed by Amateur Radio Today, broadcasted by Rory, ZS2BL.

The monthly meeting will be on Tuesday the 16th of July at 19h30 at the normal venue, the Italian Club. I encourage you to make a turn, engage with fellow members and hear what is happening in the club.

Remember, PEARS likes being your club!

73,

Kevern, ZR2BK

FROM THE EDITOR

Here's hoping you enjoy reading this edition of QSX. If you have an article or two that you would like published in future copies of QSX, please let me have your contribution by email to qsx.zs2ag@gmail.com.

Please do not send me QSX material on WhatsApp as I am inundated with WhatsApp messages and I will miss your material.

Thank you for your continued support of QSX and the articles you have submitted for this issue.

73,

Ashley ZS2AG

Minutes of PEARS Monthly Meeting

Held at the Italian Club on the 18th June 2024 at 19h30

Welcome:

Chairman Kevern ZR2BK welcomed all present.

Attendance:

Approximately 16 attendees. As per Register.

Apologies:

ZS2PA, ZS2IW

Acceptance of previous meeting's minutes:

Proposed: ZS2AG

Seconded: ZS2RT

Matters arising:

None

Finances:

Mike has reported that all is in order.

Donations from Trans Elands and MUT awaited.

General:

Contests:

Hammies QSO party was held ~ 2 weekends ago, ZS2ZU run by ZR2BK, ZR2X run by ZS2EC.

Newbie contest for new RAE candidates - Also run a field station for the Newbies that may not have equipment as yet.

ZS2 QSO Party (sponsored by PEARS), ZS2 callsigns are sought-after, so a good time for chasing that WAZS certificate

RAE:

Registration opens 1 July, 7 candidates ready for classes with ZS2VR and ZS2SG

Repeaters:

Slipper to be reinstated soon, possibly with battery backup ex Longmore. ZR2NT will build a security gate inside the cabin door. Club will provide the materials.

Longmore repeater – one battery is toast. Proposed to install 2x new Tubular batteries same as Mount Road, rather than ordinary deep cycle batteries, and move the three Deep Cycle 100Ah batteries to Slipper

650 Mount Road Repeater interference, hoping to replace with the Kenwood as

donated, and hopefully it will sort the issue out.

438.650 NMU and 438.600 Cockscomb repeaters all working well.

Kareedouw mountain – will be erected once a site visit has been done. Re-install VHF repeater and 2x UHF Links

QSX:

Thanks to Ashley for the brilliant June issue of 43 pages!

Once again an appeal for articles by the 9th July. Take lots of events photos, National Rally coming up 5-6 July.

Meeting venue:

Italian Club all back in order. So far so good.

Events:

Saturday is the fox hunt at the Walmer Scout Hall. Fox is programmed and three possible sites tested for starting signals at the Scout Hall. Join us for a braai afterwards.

National; Rally coming up, Friday night and Saturday 5 – 6 July. Control at Mentors Plaza, in J-Bay.

Trans Baviaans in August – Pakhuis, Bergplaas, Smitskraal, Zandvlakte checkpoints. Hamnet meeting at ZS2G's QTH, at 2pm, 29 June. 47 Barton Road, Cotswold. Update on the ZS1DCC and discussions for a ZS2DCC site? Otherwise Kouga has an Incident Command Centre in Humansdorp that could be investigated as an option. Any licence could be carried by SARL or HAMNET themselves.

ZS2DL:

Newbies contest – any newbies are welcome to operate from ZS2DL's shack

Another raffle end of the year? Meeting supported the idea. He will check pricing etc.

The chairman requested any suggestions for meeting topics/guest speakers be sent to the committee.

Closure:

Meeting ended at 20h06

Next meeting 16th July 2024

CHAIRMAN

KEVERN BURGER (ZR2BK)
(ZS2AAW)

SECRETARY

CHRISTOPHER SCARR

PEARS FOXHUNT HELD ON THE 22ND OF JUNE 2022

The PEARS Fox Hunt was held on Saturday the 22nd of June at the Walmer Scout Hall. A total of 11 participants signed in, with Donovan, ZS2DL being the Fox. After some antenna ideas sharing, setups and setting up radios, a short briefing was conducted at 10h00, and shortly thereafter everyone headed out to hunt the Fox.

Kevern, ZR2BK and Paul, ZS2PS remained at the Hall to get the fires going. Only 19 minutes passed and the Fox was found, sitting quietly next to the road near the Little Walmer Golf Club.



The Fox.....
Herewith the results:

- 1st – ZS2AFB and XYL, 4km travelled in 19 minutes
- 2nd – ZS2TJ and ZS2TAH, 6km travelled in 39 minutes
- 3rd – ZS2ECh and ZS2IW, 7km travelled in 39 minutes.

The last person to find the fox did it in 52 minutes and travelling 12km.

Once everyone returned to the Scout Hall, a prizegiving was held, followed by a social bring and braai. Much fun was held by all participants and the Club thanks them for participating.





Great fun was had by all who attended and participated as per the pictures.— Editor.

YEAR END RAFFLE

**ENTER TO WIN
A YAESU FT-4X**



87 855 5669 4663

**TICKET AT
R50**



**GO TO WWW.ZS2PE.CO.ZA AND CLICK ON THE LINK
TO BOOK YOUR TICKETS. EFT INTO THE CLUB'S BANK
ACCOUNT AND USE YOUR CALL SIGN
AND RAFFLE AS REFERENCE.**

**THE DRAW IS PLANNED TO TAKE PLACE AT THE
END OF YEAR FUNCTION IN NOVEMBER.**

SSTV

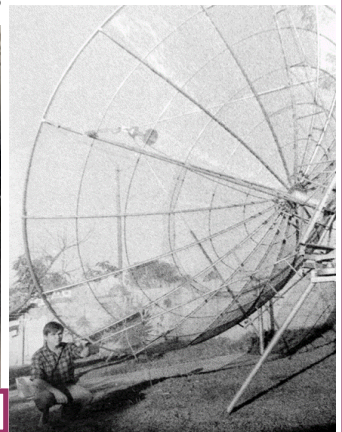
By Clive ZS2RT

As a new ham during the 1980s I was still discovering different aspects of ham radio besides just talking over the airwaves or pounding out Morse code. One thing I found interesting was slow scan TV. One of the many friends I made in the club was Colin Ashwell ZS2AO. I visited Colin many times at his QTH in Cotswold mainly to watch his activity on SSTV. In those days

there were not many Ham satellites in orbit with a South African footprint for SSTV so hams interested in SSTV internationally had to build their own satellite dishes and they were BIG. They had to be big enough to receive the weak signals from the satellites over the Northern Hemisphere. In Colin's case the SSTV satellite was situated close to the horizon. It was quite an impressive piece of equipment that took up a large part of his



An example of a SSTV image



THE ZS2 QSO PARTY ON 21 JULY 2024

The ZS2 QSO Party takes place on Sunday the 21st of July 2024 and PEARS is the sponsoring club. This is a great opportunity to make contacts for your Worked All ZS Award as all other divisions will be hunting for ZS2 stations.

The contest runs from 14h00 to 15h00 UTC and is a phone and CW contest on the 40m band. Herewith all the rules from the Blue Book:

Aim This is a fun activity to promote contacts between radio amateurs in the Eastern Cape and radio amateurs in Southern African countries. The aim for stations outside ZS2 is to work as many ZS2 stations as possible!

Date and Time 14:00 to 15:00 UTC Sunday 21 July 2024.

Exchange

3.1. The exchange is RS(T) and provincial or country abbreviation.

3.2. Each QSO claimed for competition credit must comply with the rules found under General Rule "5. Contacts".

4. Frequency

4.1. It is a phone and CW contest on the 40m band

4.1.1. CW: 7 000 to 7 040 kHz

4.1.2. SSB: 7 063 to 7 100 and 7 130 to 7 200 kHz

5. Scoring

5.1. ZS2 stations a. Contacts with stations in ZS2 are worth 1 point. b. Contacts with stations in other ZS call areas or Southern African countries are worth 2 points.

5.2. Other stations

a. Contacts with stations in ZS2 are worth 2 points.

b. Contacts with stations in own or other ZS call areas (excluding ZS2) or Southern African countries are worth 1 point.

5.3. Contacts with the Port Elizabeth Amateur Radio Society, ZS2PE, or the Border Radio Club, ZS2BRC, are worth 5 points each. Only one contact per station is allowed. Log sheets from these two club stations will be dealt with as

a check log only.

6. Log Sheets

6.1. Logs, in ADIF, Cabrillo or MS Excel format shall be submitted by 21:59 UTC on Friday 26 July 2024 and sent by e-mail to contest@peham.co.za. If submitting a Cabrillo or ADIF log please also complete the summary sheet and submit it with your log. When submitting your log, your call sign must appear in the file name.

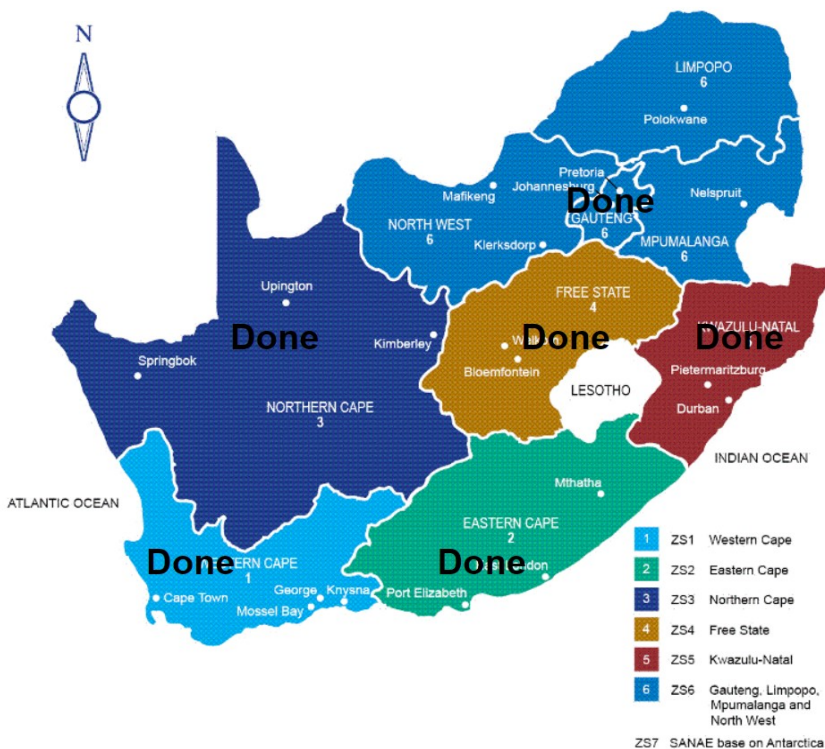
6.2. The Excel log sheet is available: www.sarl.org.za/public/contests/contestrules.asp.

7. Awards

7.1. Certificates will be awarded to the 1st 2nd and 3rd place.

7.2. This will only happen if more than five logs are submitted

8. Sponsor Club – Port Elizabeth Amateur Radio Society (PEARS)



Birthdays and Anniversaries

Birthdays

July

16 Anton Brits ZS2ST
25 David Higgs ZS2DH
26 Werner Swanepoel ZS2WS

August

06 Gavin Oosthuizen ZS2GAV
15 Chris Knowles ZS2CK
15 Serge Smetryns ZS2SJE
15 Steven du Toit Steven
18 Al Akers ZS2U
20 Andrew Prideaux ZS2PA

Spouse Birthdays

August

04 Brenda Whitehead, Allan ZS2R
18 Maggie Moore, Ian ZS2IJ
20 Ronel Kleinhans, Errol ZS2EK

Anniversaries

July

18 Marius Louisa Rautenbach ZS2JR
26 Danny Antoinette Liebenberg ZS2E

August

01 Pat Ginny Pullinger ZS2PJP
06 Barry Tracey Murrell ZS2EZ
08 Neill Kerstin Purdon ZS2NIL
20 Andrew Bouwer ZS2AFB

DISCLAIMER

Please note:

The Editor, nor any PEARS club member shall be held liable for errors and/or omissions in any article and/or drawing contained in this newsletter. Furthermore, any view expressed is not necessarily that of the Editor, any committee member or other members of the Club. The material contained in this newsletter is not meant to defame, purge, humiliate and/or hurt someone's person or feelings.

If copy is unintentionally infringed, we apologise. The newsletter is published as a free service to Amateur Radio Operators and friends.

Sunday SARL and Monday Evening PEARS Bulletins

PEARS provides a local reading of the SARL bulletin every Sunday morning at 8:15 in Afrikaans read by Kevern ZR2BK and at 8:30 in English read by Rory ZS2BL, transmitted through the Town Repeater on 145.650 MHz.

PEARS Bulleting are transmitted on Monday evenings at 20H00 through the Town Repeater 145.700MHz 88.5Hz Narrow, which is coupled to the Longmore Repeater 145.625 MHz 88.5Hz Narrow.

Bulletin Roster

22-Jul	Vaughan	ZS2VR
29-Jul	Rory	ZS2BL
05-Aug	Kevern	ZR2BK
12-Aug	Dave	ZS2DH
19-Aug	Chris	ZS2AAW
26-Aug	Mike	ZS2MIC
02-Sep	Donovan	ZS2DL
09-Sep	Ashley	ZS2AG
16-Sep	Paul	ZS2PS

<http://www.zs2pe.co.za/bulletins.html>

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Our 2024/2025 PEARS Committee

These committee members can be reached as a group by sending email to [committee\[at\]peham.co.za](mailto:committee[at]peham.co.za)

PORTFOLIO	NAME	CALLSIGN	EMAIL	CONTACT No
Chairman, Technical support & maintenance	Kevern Burger	ZR2BK	k.burger[at]stfrancislinks.com	083 401 9587
Vice Chairman, SARL liaison, Hammies, Youth, Contest Scoring	Dave Higgs	ZS2DH	on[at]zs2dh.co.za	082 387 5657
Treasurer	Michael Steenkamp	ZS2MIC	zs2mic[at]jigen.co.za	082 523 5677
Secretary, Repeaters, QSX emailing, club database	Christopher Scarr	ZS2AAW	christopher[at]peham.co.za	082 925 6367
RAE Administrator	Donovan van Loggerenberg	ZS2DL	zs2dl[at]hamradio.co.za	082 852 4885
Technical/repeaters, Search and Rescue & Emergency comms	Glen Cummings	ZS2GV	glenvanessa[at]gmail.com	082 411 2743
QSX Editor	Ashley Goosen	ZS2AG	qsx.zs2ag[at]gmail.com	082 372 6696
Public relations, special events displays, Scouts interface, "Jamtin"	Paul Schoeman	ZS2P5	paul.costcutters[at]gmail.com	083 582 9660
?	Vaughan Rizzo	ZS2VR	vaughan[at]netaddress.co.za	082 882 6555

CO-OPTED POSTS

PORTFOLIO	NAME	CALLSIGN	EMAIL	CONTACT No
Contest Liaison Officer	Theunis Potgieter	ZS2EC	zs2ec01[at]gmail.com	064 901 8079
Events & Rally organising	Tony Allen	ZR2TX	tony.zr2tx[at]gmail.com	082 956 2920
Website renewal and updates	Graham Pearson	ZS2GKP	gpearson[at]blsmedical.co.za	082 321 4798

(Please note: The "@" sign has been replaced with "[at]" in the above addresses to try to prevent spamming)

PEARS' VHF/UHF, Packet & Other Services

Local Repeaters: These repeaters form a separate sub-net in the PE - Uitenhage - Despatch area.

Town VHF	Longmore	Uitenhage	Town UHF	<---- IRLP available on this subnet
145.050/650 88.5Hz, Narrow 12.5k	145.025/625 88.5Hz, Narrow 12.5k	145.075/675 Wide 25k	431.050/438.650 Wide 25k	
Cockscomb 431.000/438,600 Add 88.5Hz for squ tail	Viewlands 431.075/438.675 Add 88.5Hz for squ tail	<---- These form linking hubs for events, hence no tail	DMR 430.675/438.275 QTH: ZS2VA	D-Star 145.175/775 QTH: ZS2N

Cape Linked System Repeaters:

These form the PEARS long-range 2-metre repeater system, in conjunction with the Border, Southern Cape and WCRWG systems. See www.zs2pe.co.za/Repeaters/repeaters.htm for more details.

Lady's Slipper 145,100/700 88.5Hz, Narrow 12.5k	Grahamstown 145,150/750 Wide 25k	Cradock 145,050/650 Wide 25k	Noupoort (link only) 438,750 / 438,675 Wide 25k
Colesberg 431,075/438,675 Wide 25k	Kareedouw 145,125/725	Plett 145,175/775	Brenton 145,075/675

APRS/Packet network:

ZSONTP Node Lady's Slipper 434,800 1200bd 439.850 9600 bd	ZS0KDK APRS Digi Mount Road 434,800 1200bd	ZS0KDB APRS Digi Longmore 434,800 1200bd	
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VHF Beacon: 50,007 MHz FSK – ZS2X, 25 Watts into 2 element Yagi beaming north.

Banking details (for subs & donations): NEDBANK SAVINGS ACCOUNT No. 221 252 7594, Bank code 121217, A/C name: Port Elizabeth Amateur Radio Society. **Please use call signs as a reference.**