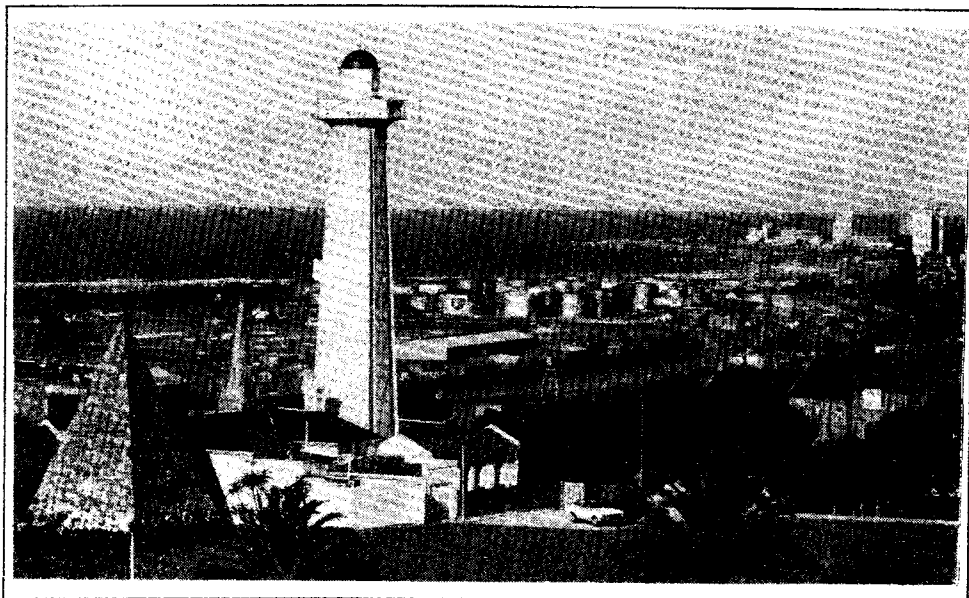


# QSA PE



THIS NEWSLETTER IS PUBLISHED BY THE  
PORT ELIZABETH AMATEUR RADIO SOCIETY

Web site: [pears.8m.com](http://pears.8m.com)

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LINTON GRANGE  
6015

**January 2002**

## NOTICE OF MEETING

The monthly general meeting of the PORT ELIZABETH AMATEUR RADIO SOCIETY will be held on Friday 18 January 2002 commencing at 20:00 (8pm) in the Municipal Disaster Management Centre, Westview Drive, Mill Park, Port Elizabeth (Civil Defence Centre).

At this stage we do not know whether there will be a speaker, but perhaps members would like to just stand around over a cuppa and a munchie and tell one another about the new rigs and equipment that Father Christmas brought them – or commiserate with one another on the ones that got away!

Bill will ensure that there are warm beverages and biscuits to chat over.

## Wrinkly Ravers

The next rave will be held on Thursday, 7 February 2002 at the Charlo Grill, in Luke Road, Charlo.

We thought the January rave would be back at our original haunt, the former Zwartkops Yacht Clubhouse, but there was no reply when Beav tried to contact them for a reservation. Don't say they have *also* gone bang after having only recently taken over the place – one of a string of new managements the last couple of years.

Anyway, once again the Charlo Grill adequately filled the gap and ten regulars turned up to fill theirs. In addition, we were graced with the

presence of our Honorary Life Member Bill Browne ZS2BY and his lovely XYL Joan. It was really a pleasure to have them with us.

The Charlo Grill had actually closed for a few days but readily agreed to open especially for our enjoyment. In view of this, and because we have always had first-class fare there, we decided to make this convenient spot our regular base for the future, making the occasional excursion to sample menus elsewhere from time to time.


It's probably about time for another 'away' visit too, e.g. JayBay, or what am I saying?

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## ON A TECHNICAL NOTE

The interesting and informative series of articles on transistor theory by Alan Whitehead ZS2R will continue next month. With all the usual seasonal obligations that take up one's time, Alan was unable to compile an article in time for this issue of

QSX.

Nevertheless you can get together with the chaps on the 2-metre repeater link from 20:30 on Monday and Thursday evenings to discuss all sorts of technical matters, especially current PIC projects. 



## *The* Chairman's Chat

**C**hristmas has come and gone, and I trust that Father Christmas has been good to everybody. No names no pack drill, but on the air I heard of one lucky fellow whose wife gave him the latest Kenwood HF rig to add to his collection of five other HF transceivers. If only my wife loved me that much ...! Seriously though, let us not forget the symbolism of Christmas, and that in the exchange of gifts it is not the price-tag that matters but the thought.

**O**ur best wishes go to Greg ZS2RE and Morag who tied the knot in grand style on the 29th of November. A number of the guests looked vaguely familiar, and had that distinctive look about them that identified them as radio amateurs. Greg, it was a good party.

**B**y the time you read this we will be into 2002, and time to prepare ourselves for the year's forthcoming activities. Monthly meetings, RAE, SciFest, VW Rally and so on. A lot to look forward to.

**H**ere's wishing all our members and readers of QSX all the best for the New Year. The Afrikaans language has a deserved reputation for pithiness and hitting the nail on the head, and to my mind says it much better ....

*'n Voorspoedige nuwe jaar aan julle almal.*

73,

***Beavan ZS2RL***

The festive season has passed and, to my knowledge, no emergency traffic was handled by hams in the East Cape. It appears to have been a quiet holiday period except for road accidents, which seem to remain high in spite of all attempts by traffic officials.

Nonetheless, thanks go to all those who monitored the bands in case of any emergency.

## Erection of Director for Ecares

According to the Ecares constitution, a Director is elected for three year periods, and now is as good a time as any to call

for an election for a three year period as from 1 July. Nominations are called for from members. These must have a proposer and seconder, and the nominee must also be prepared to stand for election.

Forward nominations to either the Director or the Deputy Director of Ecares. Nominations will close on 31 March 2002.

73,

**AI ZS2U**  
**Provincial Director,**  
**Hamnet East Cape/ECARES**

## SCIENCE FESTIVAL

**The annual Sasol Science Festival at Grahamstown will take place from Wednesday, 13 to Tuesday, 19 March this year.**

PEARS plans to participate again and hopes to put on an interesting display, especially of the "hands-on" variety, which seems to be the way to go if we are to catch the imagination and interest of youngsters of all ages.

Volunteers to help with the erection, manning and disassembly of the stand will be welcome. As in the past, PEARS will make a contribution to the fuel costs of those carting the equipment and by paying the fuel cost of one vehicle per day to carry those manning the stall.

Neil Thomas ZR2NT is co-ordinating our participation. He can be contacted on 2 Metres or at tel. 372-1969 (home). Please make an effort to support PEARS in this event, which is probably the most likely agency for acquiring the seriously needed new blood in our hobby.

The trouble with publishing jokes in a ham radio newsletter is that they have perhaps already been heard over the air by most of the readers. E-mail also takes its toll. Nevertheless, some may not yet have heard the following, which we came across recently:

• A BURGLAR MOVING ABOUT IN THE SEMI-DARK HEARD A VOICE SAYING: "Moses is watching you!" He looked around and the only likely source of the voice was a parrot. He asked: "What's your name, Polly?" and the parrot replied: "Abraham".

"Abraham! That's a dumb name for a parrot. What stupid oke calls his parrot 'Abraham'?" the burglar asked.

"The same stupid oke who calls his Rottweiler 'Moses'," the parrot replied.

• EU DIRECTIVE 456179 FROM THE OFFICE OF THE PRIME MINISTER

"In order to meet the conditions for joining the Single European currency (euro) community, all citizens of the United Kingdom of Great Britain and Northern Ireland must be made aware that the phrase "Spending a penny" is not to be used after 31st December 2001

"From this date, the correct expression will be "Euronating".

"Thank you for your cooperation." ☐

# PEARS NATIONAL VHF/UHF CONTEST

DON'T FORGET TO SUPPORT OUR OWN NATIONAL CONTEST, WHICH RUNS FROM 18:00 SAST ON FRIDAY, 25 JANUARY TO 18:00 ON SUNDAY, 27 JANUARY 2002.

The rules published in QSX last month have been modified by the substitution of the term "Multi-operator station" for "Club station". This means that not only club stations but also any groups of hams who are not members of clubs (or in competition with their club's official multi-operator entry) can get together and have fun operating a station.

The rule now states: "A Multi-operator station is one that is operated under a single call sign, either as a field or a fixed station, by two or more

operators. Multi-operator stations compete with one another and the winner is the station with the highest aggregate score on all four bands."

The updated rules are available on the PEARS web site [pears.8m.com](http://pears.8m.com).

This annual event seems to have caught the imagination of active contesters throughout the country and all PEARS members with a leaning in that direction are encouraged to participate, or else to simply give points away to the serious competitors.

There is a distinct possibility of experiencing Tropo, Sporadic-E and MeteorScatter openings during the period, which was selected especially for this reason.

## DIGITAL MODES GAINING POPULARITY


The upcoming PEARS contest has added digital modes to the rules for 2002. A growing band of hams throughout the country are experimenting with a new mode known as WSJT – so new, in fact, that upgrades are coming out at frequent intervals. Yes, it uses a computer program and your sound card and it is able to pick out extremely weak signals from the mush. WS stands for Weak Signal, and JT is the developer's call sign suffix.

Like PSK31 etc., it is a multi-tone mode and sounds like a buzzsaw. It lends itself to resolving weak signals reflected by meteor trails and other media and, in fact, Barry Murrell ZR6DXB of Johannesburg has been running around between grid squares

in the Eastern Cape making contacts with stations all over the country via MeteorScatter on 6 metres.

Barry carries a telescopic mast and 6 metre beam in his Uno and couples his laptop to an Icom 706 Mk II in the car. He will be providing some of the local hams with a CD with all information necessary to get going on WSJT after his return to Johannesburg.

Keep in touch with André ZS2ACP for information when it arrives. He will doubtless be the first to put it all together.

Some of the PE operators will remember Barry as ZR2AAB. He moved to Johannesburg some years ago but a little bird whispers that he might return to PE some time! 

# SHOULD WE BE CONCERNED?

I sometimes wonder why ICASA bothers to issue licences. I know I've harped on the following matters before, but the Authorities expect us to maintain proper standards in our ranks, so we're *supposed* to talk about these things. Also, of course, if we ignore them they certainly won't go away.

With the 2-metre repeater system again through to Cape Town, together with the influx of visitors along our seaboard during the Christmas season, it was quite amazing to hear how slovenly many hams speak, especially when announcing their call signs – if they give them at all.

A large number simply fail to use phonetics for call letters that – if they are worthy hams – they should *know* can be confused. Others rattle off a string of unintelligible fuzz that means nothing to anybody. Only their pals know who they are, but that's not what call signs are for.

I heard several operators of the first-mentioned type being queried repeatedly on their call signs but who eventually had to be specifically *asked* to use phonetics!

How is it that these chaps don't learn, from their own experiences with other poor operators, that certain letters are easily misunderstood?

The second type badly need elocution lessons – their speech at the best of times is a mumble, sometimes much too fast, and the call signs are even worse.

In fact, I was prompted to write this after hearing the ultimate in sloppy enunciation: a station in Div. 1 who honestly seemed to go into a gargle whenever he emitted what should have been a call sign. After listening through a number of his overs I was still in the dark.

Another chap didn't use his call sign much after making initial contact. He simply started talking when it was 'turned over' to him and let go of his PTT when he'd said his say, without the normally expected protocol. One of his QSO partners said several times that he was uncertain whether the man had turned it over or dropped out of the repeater, but that didn't ring any bells at his end.

The sloppiness doesn't occur only on VHF, of course. Many culprits are longer-standing ZS operators who one would expect to have learned correct operating skills by now. On the other hand, the number of rôle models for them to emulate is dwindling rapidly.

One increasingly comes to the belief that enough justification exists for including a practical test in the RAE. 📡

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## FOR SALE ★ WANTED ★ SWOP

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### WANTED

- \* Military badges and medals, especially (but not exclusively) German World War II items — André Botes ZS2ACP, tel. (041) 379 2058

### GIVE AWAY – Free and for Nothing!

- \* Six-metre galvanized tilt-over pole (100mm dia. lower section) complete with winch, suitable for 3-ele HF beam; mounts on brackets to wall. Free to whoever dismantles and removes it. — Piet Fourie ZS2FP, tel. (041) 374 5223

## VOX FOR YOUR MOBILE (or any other rig)


Whether or not we continue to be allowed to use a hand microphone while mobile, this unit is a useful add-on, not only for the mobileer but also for any 12-volt radio that does not have vox control built in. Cyril ZR2H lifted this item, by John, G8MNY, off Packet Radio.

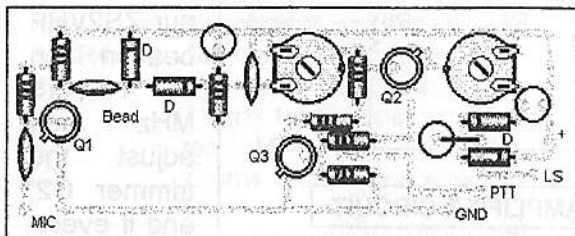
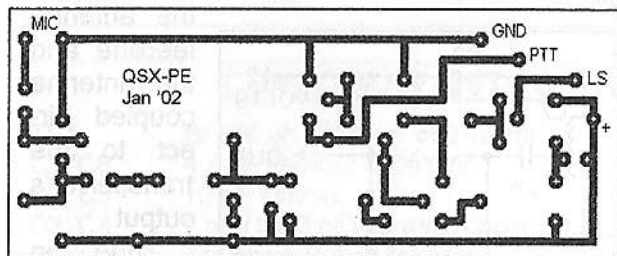
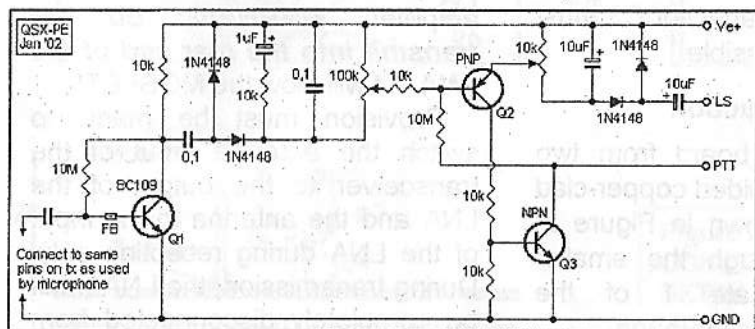
The BC109 microphone amplifier picks up the signal from the rig's microphone input socket. It is RF protected by a ferrite bead on its base lead. Its output is voltage-doubled and the DC is stored in the double time constant to give a fast response and a slow decay.

The rectified DC is referenced from the  $V_{e+}$  rail and applied across the VOX gain control. A sample of this DC switches the PNP transistor on, which turns on the NPN drive transistor.

The  $10M\Omega$  resistor between the PNP base and the NPN collector provides positive feedback hysteresis if needed.

The loudspeaker audio is also voltage doubled to provide DC for anti-VOX control. This is used on the emitter of the PNP transistor to stop the PTT operating from the receiver's loudspeaker audio that may be picked up by the microphone.

A BC179 and a BC109 should do for Q2 and Q3 respectively. 



Top — Circuit diagram for the VOX control unit.

Centre — The printed circuit board foil pattern (actual size)

Bottom — Component overlay. Remember to slip a ferrite bead over the base lead of Q1

# a 2 METRE LNA for the VHF CONTEST

Mike Bosch ZS2FM

This low noise amplifier (LNA) for 144 MHz was first described by the writer in the August 1998 edition of RADIO ZS, and several hams in the RSA have constructed and used it successfully.

It is a simple circuit assembled on two pieces of double-sided PC board that almost anyone can build using readily available components. There is still time to put it together before the PEARS National VHF/UHF contest from 25 to 27 January!

The dual-gate MOSFET could be an inexpensive BF966 but a BF981 or BF982 would provide a better noise figure (NF) around 1 dB. The only critical point in the construction is that the leads of the ceramic bypass capacitor C3 must be as short as possible.

## Construction

Make up the board from two pieces of double-sided copper-clad PC board as shown in Figure 2. Drill a hole through the smaller piece where Gate 1 of the MOSFET must pass through.

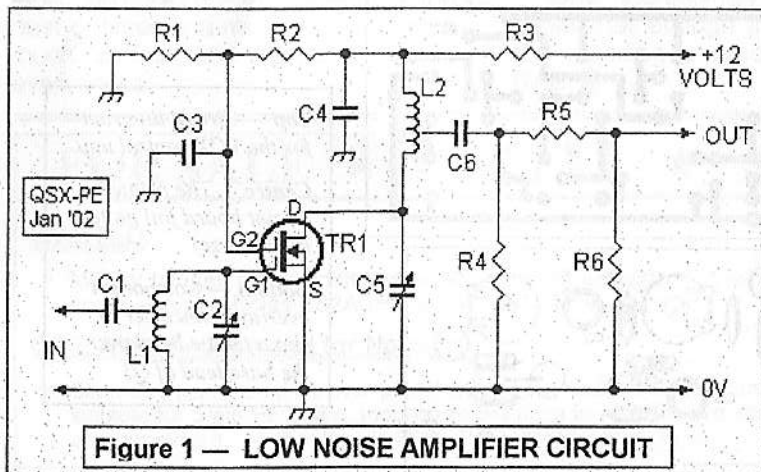
## Tuning up

When the construction and checking has been completed, tuning up can commence. Connect the unit to your transceiver and apply 12 Volts DC to the pre-amplifier. **WARNING: do not transmit into the rear end of the LNA** – it will blow the MOSFET!

Provision must be made to switch the antenna input of the transceiver to the output of the LNA and the antenna to the input of the LNA during reception only. During transmission, the LNA must be completely disconnected from

the antenna feedline and the antenna coupled direct to the transceiver's output.

Tune in our ZS2VHF beacon on 144,415 MHz then adjust the trimmer C2, and if every-





thing is working it will peak the signal. Should the peak occur too close to minimum or maximum capacity of C2, squeeze coil L1 closer or stretch it a little, respectively. Trimmer C5 is peaked higher up in the band.

This simple LNA will boost

those weak long distance signals on both FM and SSB and its performance will surprise you.

If you should run into any problems then feel free to phone the writer on Tel. 581-2425 or Cell 082 654 0623.

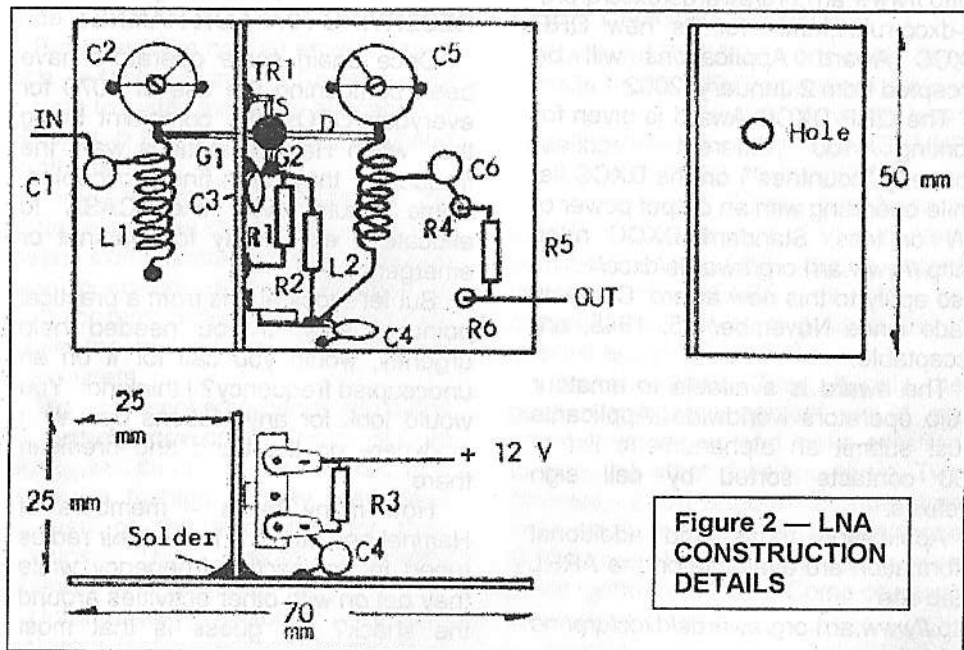
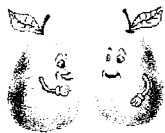


Figure 2 — LNA CONSTRUCTION DETAILS

### COMPONENT LIST FOR THE LNA

TR1	BF966 or BF981 or equivalent
C1, C6	4,7 pF ceramic capacitor
C2, C5	10 pF trimmer
C3, C4	1 nF (1000 pF) ceramic capacitor
R1	47k ohms ¼ watt resistor
R2	82k ohms ¼ watt resistor
R3, R4, R6	100 ohms ¼ watt resistor
R5	68 ohms ¼ watt resistor
L1	7 turns 1mm copper wire, 6mm dia. tapped one turn from the top
L2	7 turns 1mm copper wire, 6mm dia. tapped two turns from the top



# Pearstalk

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## QRP DXCC AWARD RULES

The ARRL has issued rules <<http://www.arrl.org/awards/dxcc/qrp/qrp-dxcc-rules.html>> for its new QRP DXCC Award. Applications will be accepted from 2 January, 2002.

The QRP DXCC Award is given for working 100 different "entities" (formerly "countries") on the DXCC list while operating with an output power of 5W or less. Standard DXCC rules <<http://www.arrl.org/awards/dxcc/>> also apply to this new award. Contacts made since November 15, 1945, are acceptable.

The award is available to amateur radio operators worldwide. Applicants must submit an alphanumeric list of 100 contacts sorted by call sign prefixes.

Application forms and additional information are available on the ARRL Web site  
<http://www.arrl.org/awards/dxcc/qrp/index.html>.

## AFGHANISTAN BACK ON THE AMATEUR BANDS

Following the fall of Kabul and other Taliban-held cities in Afghanistan, the Islamic Republic of Afghanistan government, which is the government still recognised by the United Nations, has issued an amateur radio club licence, YA5T.

The club call sign has been operated by ON6TT, ON4WW, SM7PKK and S53R, who are in Afghanistan with the United Nations World Food Programme. The ARRL

has approved the station for DXCC credit.

## RESERVING 7070 FOR HAMNET

Once again some operators have been bemoaning the use of 7070 for everyday QSOs, the complaint being that, when Hamnet stations want the frequency, they often find it occupied. Some would even like ICASA to allocate it exclusively for Hamnet or emergency use.

But let's look at this from a practical point of view. If you needed help urgently, would you call for it on an unoccupied frequency? I think not. You would look for any stations operating anywhere on the band and break in there.

How many hams – members of Hamnet and others – leave their radios tuned to an *inactive* frequency while they get on with other activities around the shack? My guess is that most actually eavesdrop on whatever interesting QSO is going on on the band. After all, 'reading the mail' is a normal ham pastime!

If an emergency crops up, stations already using 7070 for ordinary chatter are very unlikely to refuse to move off. However, most emergencies that hams are likely to handle will involve only two operators – the one reporting the emergency and the operator who handles his problem. That being so, once the contact is made by breaking in on a QSO – on 7070 or elsewhere – the two emergency stations can *themselves* easily move to a clear spot

in the unlikely event that those already on the frequency choose to hog it.

The only real justification for remaining on 7070 is when the emergency requires the activation of a larger group of stations. Hamnet members are conditioned to assembling on this frequency, although they should be sufficiently well trained to take a change of frequency in their stride.

But how often has an emergency of such extent occurred? Certainly not enough to justify exclusive allocation of this spot in the middle of the RT band for all time.

I imagine that the desire for the official allocation of the frequency has arisen from unpleasantness caused when operators *demand* the use of 7070 for their bulletins – or even long before the bulletin time for their *pre-bulletin* nets.

These are not emergency situations and, emergency or not, hams should display sufficient manners to *ask*, in a courteous fashion, if they *may* have the use of the frequency for their bulletins. This almost invariably achieves a happy result.

Unfortunately, some bulletin operators (not necessarily Hamnet) or their supporters opt for causing deliberate interference to the pre-existing QSO or they simply take over the frequency without further ado. Not unexpectedly, this causes animosity. It is also illegal.

What is really necessary is, firstly, to educate bulletin operators and their 'assistants' that courtesy begets courtesy; secondly, to repeatedly remind operators, especially those using 7070, to keep their overs short and leave reasonable gaps between transmissions for anyone to break in.

But I leave you with this awkward

paradox: The argument for allocating 7070 as an emergency frequency is nullified by the very operators who are asking for it! Several Hamnet groups use the 'emergency' frequencies for transmitting their fairly lengthy bulletins without giving breaks at short intervals.

Just a thought, but a valid one, you must agree!

## IS ZS2 LAGGING BEHIND?

Hal Lund ZS6WB, in one of his daily e-mails to the WSJT operators around the country, exhorted them to start planning now for the PEARS VHF contest from 25-27 January 2002.

He observes: "There has been a total lack of promotion of VHF contest activities by the SARL during recent years and PEARS is to be congratulated for stirring up a bit of interest again."

Then he adds: "Now, if only the guys running the contest would get some antennas up and make an effort to work the other divisions again. Two different ZS6/Portable 2 operators were easily workable today and those QSOs could have just as easily been made by the real ZS2s. Come on guys, you can do it, too!"

Touché?

## ARE WE DYSFUNCTIONAL?

An operator, who shall remain nameless, was recently heard telling his pal that PEARS had "ruined everything for the hams in this [his] area". A few months ago he expressed the view that PEARS was the "most dysfunctional club in the country".

**Fact:** With well over 140 members, and frequent applications coming in from hams even in other provinces to join PEARS, we can hardly be said to be dysfunctional or to have spoilt anyone's legitimate fun. In fact, we are

generally quite highly regarded by other clubs – at least two are said to often quote from QSX items on their bulletins – and by thinking hams who know what PEARS does for ham radio.

## DX TO LOOK FOR

Tom Davies lists the following DX activities that may be of interest:

- *OMAN, A4* – Chris, A45XR has been QRV on 40 meters CW around 1415z.

- *THE GAMBIA, C5* – Peter, C56YT has been QRV on 21286 kHz just before 1700z and then on 14178 kHz around 2320z. QSL via VK4AO.

- *ANTARCTICA* – Paul, EM1HO has been QRV on 80 meters SSB around 0300z. QSL via I2PJA. Meanwhile, Mechita, DP0GVN, may be active from the German base here. Also, look for activity from Sepp, DP0LEX from a second German Antarctic base. Activity may be on 15 meters SSB around 1700z on Mondays. QSL via operators' instructions.

- *TAJIKISTAN, EY* – Nodir, EY8MM, has been operating on 7003 kHz around 0100z and then on 3506 kHz around 0200z. QSL via K1BV.

- *JAN MAYEN, JX* – JX9LAA has been QRV on 20 meters CW around 2000z. QSL via LA9LAA.

- *EGYPT, SU* – Luciano, EA7CHR is QRV as SU9LL. Activity is on 20 to 10 meters using SSB. QSL to home call.

- *UZBEKISTAN, UJ* – Mir, UJ7AW has been operating from Tashkent on 1828 kHz around 2350z. Also, Shams, UK8CK has been active on 1831 kHz around 2350z.

- *ST. HELENA, ZD7* – Bruce, ZD7VC has been QRV on 6 meters around 2030z.

- *CHATHAM ISLAND, ZL7* – Ray, ZL2BTP/ZL7 has been heard on 20 meters SSB around 0800z. QSL via operator's instructions.

- *SOUTH SHETLAND ISLANDS* –

Mirosław expects to be active as HF0POL from the Polish Base Hanryk Arctowsky on King George Island, IOTA AN-010, from January 1 to December 31, 2002. He plans to use CW, RTTY and PSK31 on all HF bands, including the newer ones. QSL via SQ5TA.

- *THAILAND, HS* – Dave, W3VK has been assigned to the US embassy in Thailand and is now using the callsign HS0ZDP. QSL to home call.

- *ARUBA, P4* – Martin, VE3MR is working as P43MR until April 2002. QSL to home call.

- *EGYPT, SU* – Luciano, EA7CHR is living in Egypt and has the callsign SU9LL. He is active on 20, 17, 15, 12 and 10 meters using SSB. QSL to home call.

- *AUSTRALIA, VK* – Steve, VK6VZ, will be operating as VK6VZ/6 from a lighthouse located at Cape Leeuwin. QSL to home call.

- *NORFOLK ISLAND, VK9N* – Bernd, DL1VJ is active as VK9AA/9 using mostly CW on the newer bands. QSL via DL8YR.

## FREE STATE SPECIAL EVENT

The Bloemfontein Amateur Radio Club is planning *Hamvention 020202* on Saturday, 2 February 2002 at their club house at Air Force Base Bloemfontein.

More details will only become available after this issue of QSX goes to print, so listen to bulletins to find out what this Hamvention is all about.

## CHANGED YOUR ADDRESS?

The SARL says their new call book is being printed already so, if you changed your address and did not notify the SARL thereof, your particulars will be incorrect in the call book. It is a legal requirement that you inform ICASA, of course.

Those changes that were reported to your Editor up to the end of December were e-mailed to the SARL but it seems that the work was handed with considerable haste to the printers even before the SARL offices re-opened. Hopefully the amendments will be made at the proof-reading stage.

### **LINK TO CAPE TOWN RESTORED**

After being out for quite some time, the link between our 2-metre system and that of the "deep south" western Cape was restored just before Christmas.

Unfortunately there seems to be one repeater on the Western side with a very low audio level. When it is used for access it makes listening less pleasurable along our part of the route, especially if the operator adopts a "quiet chat" style rather than speaking up in "communication" mode.

### **LICENCE REMINDERS ARE OUT**

Amateur radio licence renewal reminders have been posted, according to the local ICASA office, and should have reached everyone by the time you read this. If you have not yet received yours, contact the Port Elizabeth office of ICASA at 585 8321.

The licence fee remains at R27 for 2002.

### **PRINTING OF QSX**

Several kind comments were received about the improvement in quality of the pictures in QSX last month. Thanks for this are due to Ashley Goosen ZR2AG, who is now turning out the newsletter for us on his printing machine at home. He makes such adjustments to each page as may be necessary in order to achieve the best quality possible from the material

that I provide him with.

It is hoped that we can improve still further with a bit of experimentation with the computer printouts that I give him.


There were also a number of kind comments about the splashes of colour in QSX last month. Thanks go to Elize for helping with most of the colouring in; also to Trevor ZS2AE who completed the "art work", having collected the pages for collation before we had finished with our felt-tipped pens. He had returned earlier than expected from a repeater maintenance trip.

Santa's remarks on the cover was a 'local' jibe that might not be understood by remote members. It relates to certain municipal expenditure that has been a sore point among ratepayers!

### **THANKS**

With another year behind us, I would like to thank all those who, by providing regular columns and other interesting articles, made it possible to produce QSX every month during 2001.

Trevor Scarr ZS2AE and Julie ZR2EY must also be thanked tremendously for collating, stapling and addressing the newsletter every month. That is a thoroughly humdrum job.

Trevor also tried to save postage costs for the Society by using a private mail delivery organisation for a few months. Unfortunately, however, hardly a month went by that one or more members did not receive their copies at all, or they received them several days late. Trevor reverted to the good old Post Office for the December issue and, in spite of Christmas pressure there, we have had no complaints of non-receipt. 

# Congratulations to our members...

## on your birthdays:

### **January**

- 20 Barry Murrell ZR6DXB
- 21 Margaret France ZS2HM
- 22 Bill Atteridge ZS2V
- 22 Judy Tremeer XYL of ZS2BWB
- 24 Anthony Bruyns ZR2APB
- 24 Michael Mkrakra ZR2MK
- 28 Rosemary Osborne XYL of ZS1KP

### **February**

- 2 Ginny Pullinger ZS2GIN
- 2 Shirley Winter XYL of ZS2MC
- 3 Tom Davies ZSL037
- 4 Ivan Newman ZR2LN
- 7 Joan Bowles ZR2ABA
- 10 Lynne Crothall ZS2MM
- 10 Wanda van Ree, XYL of ZS2JW
- 10 Mark Hugo ZR2M
- 11 Dirk Ligthelm ZS2D
- 12 Peter Lunow ZR2PEL
- 14 Arno du Preez ZS2ABT
- 14 Del Bousfield XYL of ZR2DR
- 16 Mike Hanslow ZS1RMS

## on your anniversaries:

### **January**

- 20 Nita & Roger Davis ZS1J
- 23 Natasha ZR2BCS & Anthony Bruyns ZR2APB
- 29 Margaret & Ken Victor ZS2OC

### **February**

- 1 Lizette & Nicolas Oelofse ZS2N
- 5 Anita & Jacques Human ZR2XTC
- 15 Vanessa ZR2VM & Chris Scarr ZS2AAW

on your call sign Linton Röhl, now signing as ZR2LIN.



Welcome New Members Ed Durrant ZS2DI of East London, Barry Murrell ZR6DXB of Johannesburg and Jan van Ree ZS2JW of PE.

Bad Luck: Ashley Goosen, ZR2AG, built a nice 2-metre antenna but his fun was short-lived – the recent high winds took a delight in knocking it down again.

Congrats & Farewell to Morag and Greg Maynard ZS2RE, who are settling in Durban after their recent marriage. Look after yourselves and one another, and be happy.



☞ Morag and Greg Maynard at their reception at the Summerstrand Hotel, at which the marriage ceremony also took place.

It was originally planned to hold the service outdoors on a nearby beach, but unpleasant weather necessitated a shift to the hotel which, fortunately, had wisely been reserved as a backup just in case.

## Your Society's Committee

Chairman, Awards	Beavan Gwilt ZS2RL	360-6968
Vice Chairman (repeaters, pocket)	Chris Scarr ZS2AAW	368-1344
Secretary	Neil Thomas ZR2NT	372-1969
Treasurer - Assets Control	Clive Fife ZS2RT	367-3203
Social Refreshments	Bill Hodges ZS2ABZ	581-2580
QSN Editor	Garth Laaks ZS2HB	368-1101
General Editor (Editorial Committee)	John de Waard ZS2AE	367-1746
Technical Editor (RAI)	Trevor Scarr ZS2AE	372-1969
Special Events	Neil Thomas ZR2NT	372-1969
Youth Advisor	Ewalt Bouwer ZS2EHB	935-3482
	To be announced	

## PEARS' VHF/UHF & Other Services

### REPEATER

Town VHF	# 145,050/650	
Town UHF	# 431,650/438,650	Knysna
Cocklecomb	# 145,000/600	Lady's Slipper
Colesberg	# 431,075/438,675	Noupoort
Craddock	# 145,050/650	Uitenhage
Grahamstown	# 145,150/750	

\* These form PEARS' long-range 2-metre repeater system, also linked to which are East London 145,775 MHz repeater, George 145,700, Damaabai 145,600, Sullbaai 145,750, Butterworth 145,725, King William's Town 145,675 and Portico 138,727 duplex. It is further extendable to Cape Town via the WCRWG system. These can also be linked as required.

### OTHER SERVICES

Packet Bulletin Board (ZS2BPP)	144,625
Packet Rose Switch ZSQC11-330610-11144,675 in-out (or 046102 UHF out to BBS)	144,675
2m Beacon (ZS2VHF CW ID 150) (horizontally polarized, 160W ERP)	144,415
6m Beacon (ZS2SIX CW ID) (horizontally polarized, 25W ERP)	50,005
6m Simplex Link with Lady's Slipper (3m RX) (vertically polarized)	51,400
Wefax Relay (Meteosat)	145,350

## Sunday Bulletins

PEARS bulletins are transmitted on Sundays immediately after the SARE English transmission, i.e. at about 08:45, on 7078 kHz as well as the 2-metre full duplex link that now has coverage from East London to George as well as Craddock and environs. PEARS' 7078 is available in receive facilities are also remotely linked as needed. In addition, the SARE's 49m operations on 7052 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 intensive events.

Date	Prepare and Read on 2m Repeater (Hz)
6 Jan	ZR2NT
13	ZS2HB
20	ZS2RT
27	ZS2EHB
3 Feb	ZS2ABZ
10	ZS2RI
17	ZS2AAW

### DIARY DATES

#### JANUARY

18 MONTHLY MEETING  
21 Tech discussion on the link  
25-27 PEARS VHF UHF contest

#### FEBRUARY

7 Weekly Rave

\* We Like Being Your Society! \*