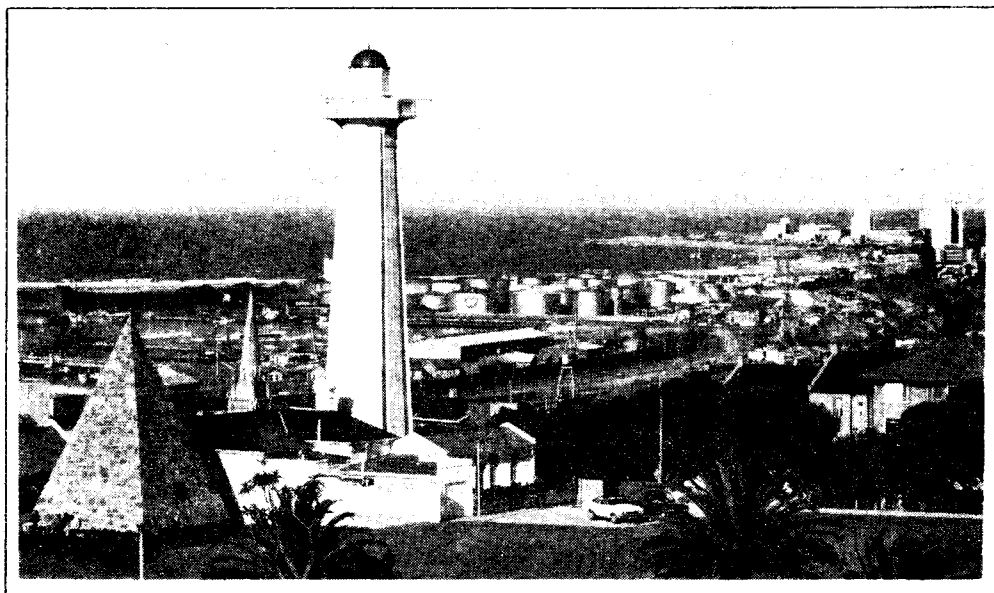




Q S X

P E



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

P.O. BOX 10402
LINTON GRANGE
6015

May 1996

MONTHLY GENERAL MEETING

The monthly general meeting of the Branch will be held on FRIDAY, 17 May 1996 in the Civil Defence Centre, Westview Drive, Mill Park, Port Elizabeth, commencing at 8 pm (20:00).

The Chief Weather Forecaster in Port Elizabeth, Louis Vermaak, will explain the intricacies of weather patterns along the South African coast, which should be an interesting follow-up on last month's discussion of air traffic control. Hope members are not kept away by bad weather.

Tea, coffee and bikkies will be available but there will be *no* rides on weather balloons.

● SALE ● SALE ● SALE ● SALE ●

Never-to-be-repeated, give-away prices! An opportunity not to be missed!

A garage sale will be held at the QTH of Trevor & Julie Scarr (ZS2AE/ZR2EY), 14 Kitching Road, Charlo on 18 May 1996, starting at 2.30pm (14:30)

A wide range of commercially made as well as homebrew test equipment, spares and components, fittings etc. etc. - too numerous to detail - from the electronic workshop of the late Graham Vincent will go at ridiculously low prices.

Tea and coffee will be on sale as you pore over all the nice goodies and swell Branch coffers.

Bulletin Relays on HF

● The relaying of the Branch bulletin onto 80 metres has been ceased because the only reports received over a number of weeks were from local stations or those who could copy the bulletin on 40 metres or via the 2 metre linked repeater system.

● The 40 metre relay on 7098 kHz is done by means of a remotely controlled link at the Lady's Slipper repeater site. Since we do not *own* the frequency, we have no right to interfere with any stations

that might be operating on or near that frequency when we want to start the bulletin.

Members are asked not to chase other stations off the frequency but to wait for a suitable opportunity to break into their QSO and *ask them politely* if they would kindly let us have the frequency. *Please do not pass aggressive remarks to or about them!* Rule 4 of the Amateur's Code says "the Amateur is Friendly..." Q

A Word from ZS2RS

The recent Intecnet which featured the 7 MHz band and forthcoming request for more spectrum did not draw many participants. Obviously ZS amateurs are not feeling the squeeze which is being felt in other parts of the world.

With the exception of Sunday mornings, it is certainly no problem finding a slot to chat. Apparently implementation of what is envisaged can take up to 15 years. Early planning in the extreme?

A well-attended meeting of local packeteers and two Sysops was held recently. The object of the meeting was to discuss, and hopefully iron out, a few hiccups besetting the packet scene. Unfortunately not all the local Sysops made the effort to attend, thus negating a good portion of the efforts and endeavours of those who did.

The technical proposal put forward by Chris ZS2AAW was well received by all present and augurs well for the efficiency of the system.

All members are requested to keep the Volkswagen rally, scheduled for 19/20 July, in mind. Once again, many operators will be required. Al, ZS2U has prepared a questionnaire which has been included in this issue of QSX-PE. Your co-operation and participation will be much appreciated.

73,

Dick ZS2RS

HAMNET NEWS

Hamnet General Meeting

The April meeting was attended by some 13 members. Such matters as the Easter road traffic campaign operations, emergency control centres and the future of Hamnet were discussed.

A proposal was made that we hold an emergency exercise which would test members on their abilities as emergency operators. This to take the

form of finding a site, given the co-ordinates, and the setting up and operation of an emergency communications station.

This will be organised in due course.

73

Al Akers.

Provincial Director,
Hamnet East Cape

VOLKSWAGEN RALLY

It's that time of the year again. The rally will be held on Friday 19th and Saturday 20th July.

We can always use all the help we can get, so please volunteer your services. It is not only a good communications exercise and a way to provide a useful, maybe even lifesaving, service, but is also great fun.

Please complete the questionnaire which accompanies this issue of QSX and forward it to me at 53 Clarence Street, Westering, 6025 or to the Branch PO Box 10402, Linton Grange 6015.

Al, ZS2U

TREASURE HUNT

A treasure hunt has been arranged for Sunday, 9 June to provide a bit of fun for the whole family. The event will **start at the Horse Memorial at 13:00 (1pm)** and **end at the Windomayne Tea Gardens.**

If, by the **finishing time, 15:30 (3.30pm)**, you have not managed to pick up all the clues that should ultimately lead you to the Tea Gardens, please abort the hunt and hasten there to enjoy a friendly get-together over tea and munchies. (From the City, turn left at the Greenbushes Motel towards Seaview. Proceed 3.2 km and turn left. Windomayne will then be on your right, and the entrance some 100 metres further on).

The winner of the treasure hunt will receive a **worthwhile prize.**

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, 19 APRIL 1996

Present & Apologies: As per attendance register (± 28 members).

Welcome: In the absence of Chairman Dick Schönborn ZS2RS, Vice Chairman Al ZS2U took the chair, welcomed those present and expressed his gratification at seeing a lot of new faces, especially so with Uitenhage members.

Minutes of the Previous Meeting: The minutes of the meeting held on 19 March 1996, as circulated in QSX-PE, were taken as read. The adoption was proposed by Viv ZS2VM and seconded by Gus ZS2MC.

Guest Speaker: Business was postponed while Al welcomed and introduced our guest speaker for the evening, Kevin O'Brien, Chief Air Traffic Controller in Port Elizabeth. Kevin then gave a brief history of ATC in South Africa up to its recent privatisation, and explained how aircraft movements are controlled not only locally but also nationally and internationally.

Matters Arising: None.

Finance: Treasurer Clive ZS2RT advised that our financial balance was still very healthy at about R14 300.

Correspondence: None.

New Business: A member raised the matter of the ballot which many had received only that day and were concerned that, by the time they had had an opportunity to ascertain just what the final proposals for the new constitution were, there would be insufficient time to return the ballot papers. They also felt that two distinct matters were being voted for with a single "yes" or "no" - whether the new constitution itself should be supported, and whether the new subscription concept should be accepted. Separate votes should have been permitted. After much discussion, it appeared that most members were *not* in favour of radical changes to the Constitution, especially the scrapping of branches, although they supported the "cafeteria" subscription system.

General: VW Rally - no news had been received at the date of the meeting.

A tribute was paid to the memory of the late OM Julian Sacke, ZS2AAV, who passed away on 1 April, and the members stood in silence for a few moments.

The meeting closed at 22:15



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RUBICONstitution?

We should soon learn the result of the ballot that was held to ratify the decision taken at the SGM recently regarding wide-ranging amendments to the old Constitution. Although, by and large, the PE Branch members again indicated their opposition to the change at a recent general meeting, it seems likely that the Ayes will win.

Much of the opposition revolves around the relegation of branches to outside body status, at best affiliated to the SARL but with no real teeth. Al Akers ZS2U has just expressed a new thought that we have not heard before, but a very valid one, and it is this:

Say a club affiliates to the SARL with just the requisite 70% of the club's members being also members of the SARL in their

own right. Newcomers now want to join the Club (especially a fair sized group wishing to enrol for branch RAE classes, for example) but, if they do not also join the League, the percentage of Club members who are also full SARL members will drop below the prescribed 70%. Do we refuse the newcomers membership, or do we forego our affiliation to the SARL? Ever heard of a *turksvy*?

No doubt the newcomers will be welcomed into the Club, which is well - it has been said many times that the branches and clubs are where amateur radio is stimulated, where the camaraderie develops and where recruiting is done. Time will tell how the *turksvy* will be dealt with if the situation arises.

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electronic
requirements

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we
don't
have,
we'll
get

ZR2DH & ZR2CH look forward to seeing you
Bring along this copy of QSX for your discount!!

PACKET CHANGES

At a meeting on 26 April it was decided that certain changes would be made to the present Packet Bulletin Board System. The alterations include the provision of a dual port TNC at the BBS at Wolf's QTH, one port operating at the current 1200 baud speed and the other at 9600 bauds, as well as UHF transceivers at Wolf's and Jim ZS2LR's stations.

Forwarding between the BBS and ZS2LR, our VHF/HF gateway station, will then take place on UHF, and the same channel will be available, at least initially, for users whose home BBS is ZS2WG/ZS0NTP and who has a 9600 baud capability to access the BBS there.

A new digipeater will be installed on Lady's Slipper and the current one will be moved back to the Governor's Kop site outside Grahamstown. The digis will operate as nodes, which will improve the throughput of traffic.

The VHF system will move to a different 2-metre channel, although the existing channel will continue to be used in parallel for a short while to allow those with crystal controlled equipment to get the necessary crystals. The new channel will be on 144.600 MHz and it is hoped that the increased spacing from the voice repeater on 145.150/750 at Grahamstown will permit the operation of the two systems on the same site without mutual

interference as occurred previously.

By vacating the present channel and leaving it to the other two BBSs that are now also operating there, users of ZS2WG/ZS0NTP should no longer have to do battle with repetitive automatic listings and the traffic to and from, as well as between, the other BBSs. This traffic, together with the rather short DWait/Persist/Slottime values that are used, makes things a little difficult for users at present.

The alterations should be completed within a month or six weeks from now.

We must thank Jim for the great deal of time that he puts into the task of forwarding our packet traffic. Apart from difficulties due to occupancy of the VHF channel, often just when forwarding between WG and LR takes place, conditions on HF often require Jim's manual intervention to ensure that "the mails get through". *Thanks, Jim.*

FOR SALE ★ WANTED ★ SWOP

FOR SALE

- ★ Branch project superheterodyne receiver kit - R120 - **Viv Moore, tel. 304433.**
- ★ 12 metre self-supporting **lattice tower** (4x3m sections) complete with raising/lowering hydraulic ram and electrically operated hydraulic pump and reservoir - R2500; CD45 **rotator**, control box and cable - R700; Create 318 JR 3-band, 4-element 2kW **beam antenna** - R1000; Homebrew **linear** for 10/15/20, pair 813's - R400; Swan Astro **transceiver**, solid state, digital readout, twin VFOs, 160/10 metres, break-in CW, processor, 100W output, with **matching PSU** - R2000; Drake DL-1000 1kW **dummy load** - R100; Variable 0-24V **PSU** at 10A - R300; Telequipment **dual beam scope** - R500; Diawa CN 630 VHF/UHF **Pwr/SWR meter** 0-20-200W - R500; Tabor 500 MHz **frequency counter** - R500; Hallicrafters HT-40 CW/AM 20W **transmitter** - R50; Kenwood MC-50 base **microphone HI+LO Z** - R300; Omega TE7-01 **noise bridge** - R150; Palomar **receiver noise bridge** - R200; MFJ **memory keyer** with Bencher **lambic paddle** - R600; Plus **components and valves for Africa** - Roger Davis, tel or Fax on [04457] 7842.
- ★ Weather Satellite commercial PCB kits or fully populated and tested, for IBM compatibles, linear amps for 50, 70, 144, 220 and 432 MHz, transvertors, transvertor interface unit, RF switched preamps, SSTV transmitter, all from 'Microwave Modules' - Peter Carey ZS6JT, tel (012) 63-2041

Fiddlers' Corner

SELECTING TRANSISTORS

Amateur Radio need not be expensive. Repairing and constructing your own gear keeps costs down, and you are always learning something new on the radio or electronics front. It also gives you a sense of pride and satisfaction when your repair or homebrew item works as it should.

One of the main objectives of Amateur Radio is self-education, and the best way to learn is to *do it yourself*. This month, Fiddlers' Corner shows how you can usually get by with just a small variety of transistors for that repair or construction job, and you do not need to search high and low for the specific device to be replaced or shown in a circuit diagram.

It seems that every time one looks at a circuit diagram in some or other magazine you find a new transistor. There are thousands of transistor types available, but most of them are so similar in performance that if we make a substitution we will scarcely notice a difference in circuit quality. So one needs only to keep a limited inventory of transistors on hand.

The common 2N2222A is a good device from DC to the lower end of the VHF spectrum. The BFY90 is good for VHF and UHF circuits. Use a 2N2907 when a PNP device is required for low power applications, such as DC switches.

There are many audio power transistors that are capable of HF band RF power amplification. These generally cost less than comparable RF transistors.

Here are some guidelines for selecting RF transistors

- (1) Obtain a data sheet for the chosen device. The ECG replacement guide is handy for all sorts of information.
- (2) Select a transistor that has at least twice the maximum VCE (collector to emitter) voltage you plan to use in the circuit. This is to provide for the sine-wave swing in ac or RF service. A CW amplifier using a 12v supply will develop an ac voltage swing of roughly 24v at the collector. In an AM transmitter the voltage swings to

four times the supply. Also, self-oscillation often causes high peak voltages at the collector.

- (3) Transistor gain [hfe] is important. The higher the gain the lower the driving power needed to reach the required output power. Care and negative feedback is needed as high gain tends to set the stage for instability often resulting in self oscillation.

- (4) The upper frequency limit of a transistor is an important factor. This is known as f_T and is specified for the frequency at which the device gain is unity or 1. For RF amplifier use the transistor should have an f_T that is at least five times the highest proposed operating frequency to ensure optimum stage gain.

UHF transistors that are used at HF are quite touchy to work with and should be avoided, because the device gain increases substantially as the

operating frequency reaches HF levels.

- (5) Choose a transistor that has a PD (power dissipation) rating in milliwatts or watts somewhat greater than the proposed dc input power for the stage. Use the rule of thumb that calls for PD rating of approximately

twice the stage dc input power.

Heat is the greatest threat to transistors and they should not be operated when hot to the touch. Reduce operating parameters or use a heat sink if the device becomes more than comfortably warm to the touch.

The data for some useful devices appears in the following table.

TYPE	V _{CE}	I _c (mA)	POWER (mW)	f _T (MHz)	HFE
NPN					
BC109C	30	100	300	150	420
2N2222A	40	800	500	300	100 min
BFY50	35	1000	800	60	30 min
BFY90	30	20	200	1000	25 min
PNP					
2N2907	60	600	400	200	100 min
BC303	90	1000	850	40	40 min

QRP Project Transmitter

Those who are interested in the Branch project - constructing a crystal transmitter - and wish to purchase a crystal on 7030 kHz (the international QRP frequency) should place their orders (with R25) with André le Roux ZS2AL not later than the next Branch meeting (17 May) please. André's telephone number is [041] 933-1937.

BAYCOM Modem Chips

Vic Olivier, ZS2SZ had a couple of chips available for the Baycom modem at the time of going to press. If you want to put an easy modem together to get active on packet radio, contact Vic right away.

Laaks Lament - The turntable in a microwave oven will *always* rotate an *odd* number of half-cycles so that, when you open the oven, the handle of the jug will be at the back.

SUCCESSFUL TECHNICAL MEETING

VIV MOORE, ZS2VM

A group of 25 local amateurs, with contingents from Uitenhage and Jeffreys Bay, got together on 24 April for an evening of discussion on construction projects that are taking shape in the area.

Fanie, ZS2EM, started the ball rolling with his experiences with a direct conversion receiver using only two I.C.'s, NE602 and LM386, together with a crystallised TX. More about this in a later issue of QSX. Fanie went on to tell us about his voice beacon on 80 meters, running about 400 milliwatts DSB. He is having a little problem with harmonics but that will be sorted out by the time this QSX gets to you. Listen out for him on 3580 kHz and a report would be appreciated.

Al, ZS2U, let out of the bag his development of a backpacker's gem in a cigarette box. No doubt also in a later QSX.

Andre, ZS2AL, brought along his version of the Branch QRP SSB receiver, all on one board. He has added an RF pre-amp that really makes the set sing. This he demonstrated by attaching only a very short antenna and pulled in DKs and JAs as if they were local.

Des, ZR2DH, had the PLL unit that he developed as an VFO for the Branch QRP receiver. He explained the principles of the unit and tremendous possibilities out there for other uses of the idea. Des then talked about coupling a microcontroller to the PLL unit and other mind-boggling uses for this apparently easy to use device (easy for some - I think there is some sort of magic involved). We look forward to hearing a lot more from this man. If only we could get him to come up on the air some time.

An evening enjoyed by all, and so nice to talk to fellow Hams without SAREL politics in the background.

Internet vs Ham Radio

During special events such as JOTA we have noted the growing practice of the young non-amateur participants running home to contact one another via Internet under the gravely mistaken idea that it somehow ties in with the ham radio event. However, the misconception is not confined to the youngsters alone. It exists even in the minds of many hams. I quote from a sister Newsletter, but the thoughts are not unique to that writer:

"The nagging question is whether it [Internet] will replace ham radio?"

After all, you can have a real time verbal QSO with your pal the other side of the world on the Internet or even hold a video conference! But there are limitations: with the state of the phone lines for example. Personally, I doubt whether our hobby will move over, its challenges are constantly broadening. To me, there is a place for both..."

The fallacy that *QSOing* is what ham radio is all about comes, unfortunately, from the misleading image that is projected to the outside world at virtually every special event that is organised. No wonder the youngsters believe that

chatting via Internet is an alternative to ham radio - and perhaps a better, faster one at that! They don't even have to go to the trouble of tweaking an antenna tuner to "surf the web".

But when their computer, modem or telephone breaks down, perhaps they will recognize the *real* value of ham radio, i.e. stimulating the technical interest that channels the repairmen and designers into their essential careers. It is this facet that earns ham radio the respect and consideration of the ITU and we *must* cultivate it. SARL President Chris Turner has also been underlining this truth in recent times.

Interestingly, a lengthy message on packet radio from Frank Ogden G4JST, Editor of Electronics World, echos these sentiments very pertinently. He reminds us that "the market requirement for cordless communications once again casts RF engineering as a driving technology" and that "ham radio has a role to play in enthusing and educating the next generation of RF engineers". Amen.

Hamnet Contest 19 May

Remember that this contest takes place on 40 metres on Sunday, 19 May from 14:00 to 16:00. Contact AI ZS2U (30-2983) if you want to ascertain more details.

Special Stations

- Marion Island is back on the air with the callsign ZS8IR (*not* the usual MI). All bands from 160 to 6 metres are being used on SSB, CW and RTTY. In the six metre band, 50.200 MHz will be used for monitoring and operating.

Chris de Beer, ZS5IR, who left for

Marion recently, will erect a low-power beacon operating probably on 50.450 MHz FM around mid June and this will remain as a permanent installation on the Island. A male voice will state the callsign and grid square during the first 15 seconds of every minute, remaining off for the next 45 seconds. Marion's gridsquare locator is KE83WC, and the IOTA number AF-021.

Chris came through with a 9+20 signal on 40m at about 07:30 on 3 May and 09:30 the next day, when Fanie ZS2EM received a 51 report with his one-watt TX. Chris said he would try to pop into the morning 7052 kHz net as often as possible, so look around 7052 at about 07:30, especially you QRPers if conditions remain as good as they have been. Hope Dudley ZS2DR and the other regulars won't mind a rush on their usual frequency!

- HG5HAM will be on the air from Hungary from 20 May to 10 June 1996 to highlight the Burabu amateur radio meeting being held in Budapest. The announcement did not indicate how QSLs should be sent but you will not need to know unless you work the station, in which case you can ask the operator yourself. QED.

RADIO ZS

By now you may have received the latest issue of Radio ZS and, from reports received, we will all be more than happy with the new presentation and contents. The articles supplied by Eastern Cape hams - or at least some of the items - will only appear in the *May/June* issue with some being carried over to subsequent issues. Thanks to all who provided articles.

Let's do our bit to make Radio ZS what

We would like our national magazine to be so keep the articles rolling please. If you would like to prepare your work on disk and send them direct to the Editor, Radio ZS, that will be a great help. Save them as Word Perfect 5.1 files if you can, alternatively as ASCII *without "returns" at the end of each line please*. Otherwise, send manuscripts and hand drawings or photostats to me (ZS2HB) and I will prepare them for ZS. Please, however, indicate on your items whether they are for QSX or Radio ZS.

To help reduce the cost of producing ZS, more advertisers are required. They do *not* have to advertise radio or electronic goods, of course. In case you know of a likely candidate, the costs are as follows:

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Half page and Quarter page advertisements cost respectively a half and a quarter of the above prices.

When is a what?

AI ZS2U wants to know: When is a conductor an insulator? Watch this space next month for the answer.

Lockouts by Hams?

No, not the kind that causes toyi-toyis. A spokesman for the Automobile Association in the UK is reported to have put the blame on radio hams for motorists being locked out of their cars. He claims that the remote control frequency on key fob locking systems is often the same as that used by hams, whose signals are "4000 times stronger". "When all else fails, we tow the cars away from the affected area

and try again with the key fob," the spokesman said.

Well! It seems extremely unlikely that ham signals would generate the kind of selective tones that are built into the key fobs to maintain their individuality, even if we possibly radiate an odd harmonic or two. Certainly no ham signal would generate a *continuous* signal that would prevent the key fob from working if pressed repeatedly several times.

Viv Moore ZS2VM, however, tells me that signals generated by a concentration of computers, such as in some business complexes, can affect the onboard microcontrollers on some makes of cars and prevent the engine from starting. Maybe this is what is also upsetting the UK motorists' locking devices.

Design Engineer Wanted

Nobody seems to have taken the article on page 7 of last month's QSX seriously. - at least, we haven't had many requests for the fantastic units. Not one, in fact. Well, your Editor has now come up with a sure-fire seller with which he should really clean up - he is looking for an experienced design engineer to construct a working model of his new device - a combination of Kreepy Krawly and Weedeater edge-cutter. When it has cleaned the pool, it will come out and trim the grass verges too.

HI There

We have mentioned the "there" syndrome and, I think, also referred to the use of HI in voice communications. But do you know how HI, originally used to indicate "I am laughing" in CW, originated?

Well, it started out in the USA as "HO HO" á la Santa Claus, but the American morse for the letter O was two dits, slightly spaced but not as wide as the separate letters E E. Yes, you're running ahead of me, aren't you?

The unpractised ears of foreign hams mistook the O for an I and *voilà!* "HI" was born. However, those who noted the gap between the two dits, or perhaps even the advent of mechanical transmitting devices, might have lead to the also

familiar HEE.

But for a real belly laugh, one can't beat the used by the boys on 7011.

Famous among us

From a packet radio bulletin we learn that we don't only have the King of Jordan and Senator Barry Goldwater among our VIPs. The following smattering of other well-known personalities from the long list confirms that ours is the hobby of kings:

Marlon Brando FO5GJ

King Bhumiphol Adulayadej of Thailand HS1A
 Francesco Cossiga ex Pres of Italy IOFCG
 Queen of Jordan JY2
 Carlos S. Menem, Pres of Argentina LUISM

Stewart Granger N6KGB

Priscilla Presley N6YOS

Prince Talal of Saudi Arabia SUIVN
 Samuel F.B. Morse III W6FZZ
 Chet Atkins WA4CZD
 Andy Griffith, WA7WYV
 Donnie Osmond WD4SKT

Emergency Services

As any casualty or loss has a legal aspect, the SA Police Services should be informed in all cases. Also, when in doubt as to who to contact, the SAP will be most likely to help.

SA Police, Flying Squad 10-111

Port Elizabeth City

Ambulances 10-177
 Fire and Rescue 55-1555
 Electricity 34-4434
 Water 30-7811

Uitenhage

Fire and Rescue 992-2274

Rural Areas

Ambulances 10-177
 Fire, Rescue and Water 72-2250

Sea Rescue 507-3911

• In spite of having received this from AI ZS2U back in November, I don't seem to have published it yet. It is worthwhile pasting this up in the shack for reference should you handle an emergency call.

Sympathy— We extend our sincere condolences to Chris Barnes ZS2S and family on the passing of Jeanette ZR2EN on 6 April in Port Elizabeth after an operation.

Congratulations

on your birthdays:

May

- 21 Ron Fitzmaurice
- 22 Teresa XYL of late Andy Smit ZS6TD
- 22 Bill Hodges ZS2ABZ
- 24 Vicky XYL of Allan Ansell ZS2AJ
- 26 Daleen XYL of Ralph Hall ZS2IV
- 31 Dennis Flynn ZR2DB
Shirley XYL of Stoffel Carr ZS2C

June

- 1 Geoff Bowes-Taylor ZS1VS
- 2 Brendyn Baird
- 3 Adriaan Snyman
- 4 Claire XYL of Jack Smailes ZS2SM
- 4 Des XYL of Alan Paulsen
- 5 June Jones ZS2JJ
Royden Thompson ZR2ABF
- 6 Jonathan Parish
- 8 Julia XYL of William Atteridge ZS2V
- 9 Gus Winter ZS2MC
Sakkie Viljoen ZS2ID
- 10 Ken Victor ZS2OC
Magda XTL of Van van der Merwe ZS2JC
- 11 Maureen XYL of Neil Fulton ZS2MG
- 11 Haydn Pearce
- 13 Jimmy Hoole ZS2ABM
Bernard Tyler ZS4CW
- 20 Alan Paulsen

on your anniversaries:

May

- 29 Van and Magda van der Merwe

ZS2JC

June

- 1 Royden and Hettie Thompson ZR2ABF
- 4 Jim and Marge van Loggerenberg ZS2LR
- 8 Neil and Heather Holmes ZS2AI
- 14 Jimmy and Heather Hoole ZS2ABM
- 15 Kay and Rachid Asmal
- 16 Viv and Peggy Moore ZS2VM
- 19 Ben and Elsa Schilder ZR2ABE

on your granddaughter Margaret and Ken Victor ZS2OC and your grandson Ron and Helen Marlow ZS1RON.

Gadding About: Chairman Dick ZS2RS did a bunk to the UK for two weeks recently, while Marge ZS2OB flew across the Indian Ocean for a short break. A bit concerned about the lack of navigation beacons across the sea, she nevertheless got back safely.

David Butcher ZR2DCB, on the Doulos now visiting Malaysia, is doing double duty on engine room watch as well as in the electronics/electrical department (computer/radio maintenance). He sends greetings to all.

Recuperating: Colin Ashwell ZS2AO from an operation to repair damage after falling out of his boat *on dry land!* You really *must* use water with it, Colin.

Port Elizabeth Branch Committee

Chairman; Special Events	Dick Schönborn ZS2RS	38-5070
Vice Chairman	Al Akers ZS2U	30-2983
Secretary	Bert van der Poel ZR2USA	55-2690
Treasurer; Assets Control	Clive Fife ZS2RT	32-3203
assisting with Assets Control	Lynne Crothall ZS2MM	35-4671
Social, Library	Owen Thomas ZS2AZ	38-4134
assisting with refreshments at meetings	Bill Hodges ZS2ABZ	51-2580
Repeaters, Packet	Chris Scarr ZS2AAW	38-1344
QSX Manager	Trevor Scarr ZS2AE	32-1746
assisting as QSX Editor/layout	Garth Laaks ZS2HB	38-1101
Technical Classes	Gerhard Baum ZS2UM	30-5224

Branch VHF & Other Services

REPEATERS

Town VHF	145,050/650	Grahamstown	*145,150/750
Town UHF	431,050/438,650	Kareedouw	145,125/725
Cockscomb	145,000/600	Lady's Slipper	*145,100/700
Cradock	145,050/650	Uitenhage	145,075/675

* East London's repeater on 145,125/725 MHz is linked to PE's coastwise 2m repeater system.

OTHER SERVICES

Packet Bulletin Board (ZSØNTP)	144,675
Digipeater (Grahamstown - ZSØGHT)	144,675
2m Beacon (ZS2VHF CW ID)	144,910
6m Beacon (ZS2SIX CW ID)	50,005
6m Link with Lady's Slipper 2m Repeater	51,400
Wefax Relay (Meteosat)	145,350

Sunday Bulletins

Branch bulletins are transmitted on Sundays immediately after the Headquarters English transmission, i.e. at about 08:45, on 7098 kHz as well as the 2 metre linked network giving coastwise coverage from East London to George via repeaters on 145,750 MHz (Grahamstown), 145,700 (PE Slipper), 145,650 (Knysna) 145,700 (George) and East London's 145,725. 7098 or 3640 kHz (two-way) can also be linked as needed by remote control.

With us you can talk so much further!

Date	Prepare and Read on 145,700
19 May	ZS2AAW
26	ZS2AZ
2 Jun	ZS2RS
9	ZS2U
16	ZR2USA
23	ZS2RT

DIARY DATES

MAY

17 Branch Meeting

18 Garage Sale

19 Hamnet 40m contest

JUNE

9 Treasure hunt

★ We Like Being Your Branch ★