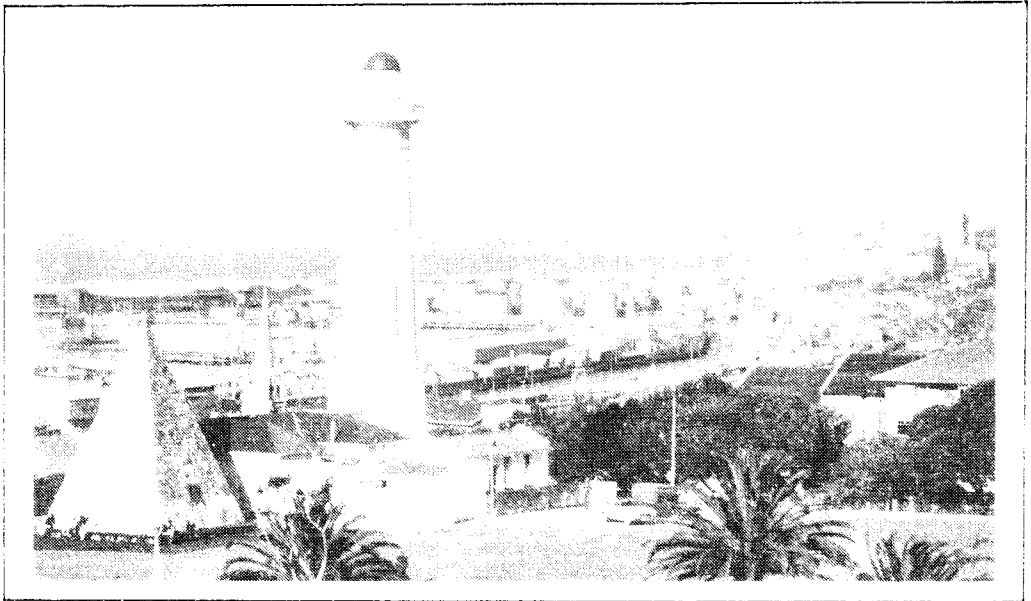


to the next meeting 1989



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

10 / 89

P O R T E L I Z A B E T H B R A N C H
COMMITTEE

CHAIRMAN	Marge Weller	ZS2OB	30-4597
VICE CHAIRMAN	Brian Weller	ZS2AB	30-3498
SECRETARY (Minuting)	Dick Schonborn	ZS2RS	55-2244
SECRETARY (Corres)	Colin Ashwell	ZS2AO	31-2471
TREASURER	Colin Robertson	ZS2CTR	30-0570
RALLIES/SOCIAL	Beavan Gwilt	ZS2RL	30-6968
SPECIAL EVENTS	Dick Schonborn	ZS2RS	55-2244
AWARDS	Bill Hodges	ZR2AAN	51-2580
HAMNET	Al Akers	ZS2U	30-2983
EDITOR - QSX-PE	Marge Weller	ZS2OB	30-4597

REPEATER WORKING

GROUP - CHAIRMAN	Trevor Scarr	ZS2AE	32-1746
LIBRARIAN	Colin Ashwell	ZS2AO	31-2471
PACKET WORKING	Lionel Coombe-		
GROUP CO-ORDINATOR	Davis	ZS2DD	32-1770

BULLETIN ROSTER

DATE	COMPILER	40m NET	2m NET
22nd October	Colin ZS2CTR	ZS2CTR	ZS2AB
29th October	Bill ZR2AAN	ZS2RL	ZR2AAN
5th November	Al ZS2U	ZS2U	ZS2AO
12th November	Beavan ZS2RL	ZS2RL	ZS2CTR

There will be a relay on 14,135MHz by ZS2DD

SUNDAY BULLETIN INFORMATION

Primary Frequencies for bulletins at approximately 08.40a.m.
H.F.7098 kHz in 40 metre band. VHF 145,650 MHz - Town Repeater

BULLETIN UPDATE

7.30p.m. - 3695 kHz in 80 metre band - relay on 145,700 MHz,
with automatic relay on 51,400 MHz - incorporating VHF news.

BRANCH V.H.F. SERVICES PROVIDED

Town Repeater (P.E. Central)	145,050 / 145,650 MHz
Grahamstown Repeater	145,150 / 145,750 MHz
Ladys Slipper Repeater	145,100 / 145,700 MHz
Cockscomb Repeater	145,000 / 145,600 MHz
Beacon (CW Id ZS2PE)	144,910 MHz
University Repeater	145,175 / 145,775 MHz
6 meter beacon (ZS2SIX CW Id)	50,005 MHz
Kareedouw Repeater	145,075 / 145,675 MHz

***** WE LIKE BEING YOUR BRANCH *****

NOTICE OF MEETING

Members are reminded that the next General Meeting of the Branch will be held at St. Martins Church, Kabega Park, on Friday 20th October, 1989 at 8.15p.m.

THIS AND THAT

CONGRATULATIONS

To Beavan ZS2RL who has been promoted to Deputy Electrical Engineer with the P.E. Municipality. How about free power for the Branch members now, Beavan? He and Mel will be on holiday for a few weeks this month.

WELCOME

To John Hugo ZS2J from Bathurst who has joined the Branch. John was originally from the Western Cape with the call of ZS1SC. We hope you have a long and happy association with us and that we see you at meetings sometime.

QSL CARDS

As members may be aware, it was the intention of the Branch to purchase 5000 cards from the Publicity Association for use as QSL cards. At first we were given to understand that the price for these cards would be in the region of 8 to 10c each. Raphy ZS2SP who has kindly done a lot of liaison between the Branch and the Publicity Association has sent us details from the printers and it appears that the price is more likely to be in the region of 80c with the very lowest price around about 60c. The Committee feels that at that price, it would probably not interest members as it would be much cheaper to get individual cards printed. The Branch would also have to spend more than R4000 to purchase the original 5000 cards, which is not possible. However, the matter will be fully discussed at the next Branch meeting.

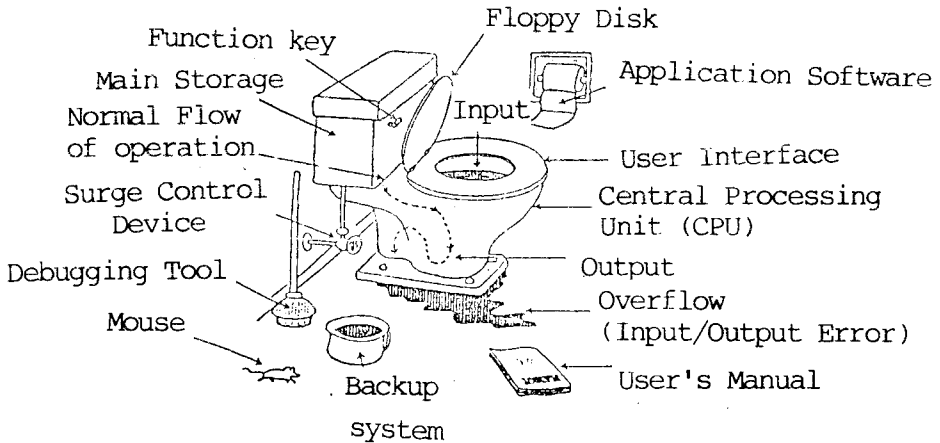
RENEWAL OF SUBSCRIPTIONS

For those who have not renewed their ordinary subscriptions or Social Membership, this will be the last issue of QSX-PE they receive. If you intend renewing, please do so as soon as possible.

SOME FACTS ABOUT LIGHTNING

A thundercloud produces several million kilowatt-hours of electricity. A large storm may consist of a hundred or more thunderclouds. The average lifetime of a thundercloud is fifteen to thirty minutes and runs at about 10 000 megawatts. Near a point of strike, the potential difference along the ground will be several kilovolts per metre, even when the earth has low resistance. This means that a person walking along can be electrocuted. About the safest place to be in a thunderstorm is in a motor car. A lightning conductor serves two purposes: to drain off charge from the air and to conduct a lightning strike to earth. (Thanks to A1 ZS2U)

UNDERSTANDING COMPUTER TERMINOLOGY



MINUTES OF GENERAL MEETING OF THE PORT ELIZABETH BRANCH OF THE S.A.R.L. HELD AT UNIVERSITY OF PORT ELIZABETH ON 24TH AUGUST, 1989 AT 8P.M.

PRESENT: 35 members and visitors.

APOLOGIES: 4.

Before the meeting, the members split into three groups and were shown various aspects of the laboratory, particularly the use of lasers, the production of gallium arsenide semi-conducting material and the electron microscope.

The Chairman welcomed all and extended thanks to Dr. Leitch and his assistants for allowing us to visit the Physics Laboratory and to Al ZS2U for making the arrangements. Welcome to the ladies who were present and Ronnie Rowe ex VK. In the absence of the Secretary, the Minutes were taken by Brian ZS2AB.

MINUTES: The Minutes of the July meeting, having been published and circulated in QSX-PE were taken as read, proposed by ZR2AAN and seconded by ZS2AE.

ARISING: (1)As yet no official letter had been received from Council in reply to our letter re Presidents chain, etc.

(2)Thanks were extended to Vic ZS2SZ and Raphy ZS2SP for their help with the QSL cards to be obtained from the P.E. Publicity Association. The Branch would order 5000 and the cost to members would be in the region of 8 to 10c per card.

CORRES: Several Branch newsletters had been received.

FINANCE: Colin ZS2CTR tabled a financial statement. The balance in the bank stood at R7133.68.

GENERAL: (1)Trevor ZS2AE said that he had nothing to report on the repeaters. He was waiting for comments from members regarding the linking of various repeaters.

(2)Al ZS2U gave a report on the Kareedouw repeater and said he had done tests after the Rally and thanked all those who had replied to his calls. He found that there was spurious interference from the S.A.B.C.

(3) Al also thanked all those who had helped with the installation at the Civil Defence Centre. This was now complete as far as the shelf, antennas and power sources were concerned.

(4) Lionel ZS2DD reported on Packet Radio. Wolf ZS2WG would arrange for a rig for the VHF portion of the PBBS.

(5) Beavan ZS2RL gave a report back on the Motor Rally. He said that the organisers were very pleased and impressed with our operation. There had not been a single error in our transmissions. Mike ZS4XE gave credit for the excellent work but raised the point that each operator would find that a list of cars and drivers very useful. Identification of the amateurs cars would also be a help if the marshalls needed to contact us. Marge said that we had banners for the cars but they had been overlooked.

(7) The Field Day is to take place on 2/3 Sept. Many helpers will be needed for setting up the station on Saturday morning at Lovemore Heights. The rig, tower, caravan, transport and antennas had been organised.

At this stage the meeting was closed and tea was taken. Thanks were extended to Colin ZS2CTR for the eats and to Dr. Leitch for allowing us the use of their kitchen and crockery.

sgd: M.T. Weller ZS2OB
Chairman

Sgd: B.A. Weller ZS2AB
Acting Secretary

A good reason to commit suicide. "I don't blame anyone for my death. I've decided to quit this life because if I'd lived for another day, I'd simply have died crazy anyway. Let me explain my story:- I was fortunate to get married to a widow who had a daughter. To complete my misfortune, my father was a widower and destiny made it that he fell in love and married the daughter of my wife. Result: My wife became the mother-in-law of my father. My step-daughter became my mother and at the same time, my father became my son-in-law. After some time had elapsed, my daughter gave birth to a boy, who became my brother but also a grandson of my wife and thus I turned up the grandfather of my brother. With the passage of time, my wife also gave birth to a boy who, as the brother of my mother, was the brother-in-law of my father and uncle of his son, whereas my wife became a daughter-in-law of her own daughter. I ended up as the father of my mother and became the brother of my father and of my children, whereas my wife became my grandmother, since she's the mother of my mother. Finally I turned up as the grandfather of myself".

SO YOU THINK YOU'VE GOT PROBLEMS! (Thanks to Al ZS2U)

HAMNET NEWS

South Africa has become quite well organised with regard to Civil Defence and the handling of emergencies. It is therefore seldom that the radio amateur's services would be required for what could be termed the run of the mill emergencies.

It is in major disasters where the radio amateur really comes to the fore. There are several reasons for this. Radio amateurs are spread all over the country, so there is a good chance that one or more will be at or near any disaster situation and thus able to assist with communications. In such situations, the normal emergency services would most likely be overloaded or nonexistent. The radio amateur, by reason of his operating ability and technical expertise, will set up stations and provide the necessary communications.

The main purpose of Hamnet is to encourage and assist amateurs to be more prepared for such events. Fortunately, disasters seldom occur. Because of this, however, the average amateur soon becomes discouraged with constant preparation, practice, etc, for a disaster that does not occur or may be a long time in coming. It is only a dedicated few who will persevere. The answer may well be for the amateur to participate in activities which will improve his skills and to see that he is not unprepared when such a disaster does occur. Hamnet news in future issues of QSX will cover various aspects of such preparedness.

Hamnet Simulated Emergency Contest.

The Branch Hamnet Committee, at a recent meeting, decided to hold an exercise in the form of a national contest. A copy of the rules is included with QSX. We would like to see not just all Hamnet members, but all radio amateurs in the East Cape participating. Wishful thinking no doubt, but please make a special effort to join in. You have plenty of time to get your portable equipment organised. GOFERIT.

The Port Elizabeth Branch has decided to present a miniature cup to the winner of each category.

The details of the Simulated Emergency Contest will be held over until such time as they have been sent to the Contest Manager of the Council of the S.A.R.L.

AMATEUR RADIO IN PAKISTAN

You haven't worked too many AP2s, have you? Well read on, and find out why. To become an amateur in Pakistan, one must be at least 21 years old, must complete a written examination in general radio, antenna and communication theory and pass a 12 words-a-minute code test as well.

To be an amateur in Pakistan means that one must be absolutely committed to amateur radio in order to vanquish the many pitfalls encountered. Until recently, it took three years to receive a licence. The Pakistan Amateur Radio Society worked hard to get the waiting time reduced to six months. One has to beg or borrow study materials. One popular source is (was) the nearest U.S. Information Service Library where one can frequently find ARRL publications such as the Radio Amateur's Handbook. While the national language of Pakistan is Urdu, English is taught in the schools from Grade 5 and the amateur exams are given in English.

When the amateur finally receives his licence, he is allowed to operate a transmitter which does not exceed 100 watts plate dissipation - a considerable contrast to the kilowatt privilege of many other amateurs throughout the world. But now to find a transmitter! The amateurs of Pakistan face the same problem as those in every developing nation; a severe scarcity of parts and equipment. The only sources of parts are the junk and scrap markets and occasionally friends in other countries. So when a Pakistani amateur comes across a usable radio part, he works backwards: he literally begins to design his receiver or transmitter around the part he has. The result is predictable: some awkward and cluttered circuits, but circuits which nevertheless serve the purpose well by putting Pakistanis on the air.

As if these weren't enough obstacles, Pakistan weather presents two months of dangerous monsoon rains each summer, when flooding becomes a threat to life and property. But here is where the Pakistani amateur is striving to come to the aid of its national government. PARS conducts an emergency communications training program for its members so that more lives and property can be protected and vital communications can be provided during national and local emergencies. Still, the difficulties of providing a national network of communications can be frustrating.

Pakistan is roughly the size of the state of California and has as its western border the Himalaya mountain range. These mountains create winds and air currents which cause temperatures to range from below freezing to more than 50 degrees C.

Those amateurs who are fortunate enough to be in a position to import foreign-made amateur gear are still faced with paying a high import duty tax. Have you ever thought what it might be like to earn only \$120 per year and still be a radio amateur? The per capita income of many developing countries is sometimes far less than this. Add this handicap to a national literacy rate of only 17% and one can quickly see why there are so few amateurs in Pakistan.

But PARS is working hard to recruit new amateurs, focusing most of its efforts, of course, on the student population. Both PARS and the Pakistani Government have come to see that amateur radio is much, much more than just a hobby. It's the unique source for providing a corps of self-training technical experts so vital to a developing country. And the more technical experts a country can acquire, the higher the standard of living to be enjoyed by that country's people.

This information was given to ARRL Headquarters by Mr.S.Parvez A. Bukhari, AP2PA who was the International Officer for the Pakistani Amateur Radio Society, which is affiliated to the IARU. (With acknowledgements to QST).

THE ART OF SHAVING.

With the arrival of the 20th century and Women's Lib, few areas of work or pleasure can be described as exclusively male. However, the daily shave can still be classified as a "man's world".

Whether a man chooses to shave or not probably depends on any number of factors; his personal likes and dislikes, his religion, where he lives, current fashions - and the state of his skin. For many men still live under the illusion that shaving has to mean discomfort, cuts and nicks and embarrassing little pieces of tissue stuck to the chin.

But wake up you men of a modern day and age! With women spending millions of whatever currency they use for their shopping on skincare and cosmetics, manufacturers of these products have now begun to realise that, apart from providing a service for the customer, there is also money to be made from men caring about their faces.

According to a well-known blade manufacturer, you really don't have to spend a fortune on luxuries in order to get a pleasant shave. What you must do, however, is equip yourself with the tools that are right for you, and there are also certain basic hints to take for maximum comfort and the very best results.

Warm water is essential and so is washing your face with soap (any kind you like) before actually shaving. The purpose of this particular exercise, which may at first seem superfluous, is to rid the skin of the oils that protect the beard hair. The soap and water also begin the process of softening the beard and the softer the beard, the more pleasant the shave.

The next step should be the application of a shaving foam, either out of an aerosol can or a tube, or lathered up from soap with the help of a shaving brush. Some manufacturers also have special formulas with extra lubricants (shaving creams) as well as pre-electric shave products. Whatever you choose, the purpose of this step in the shaving ritual is to prepare your skin for the razor and to make this part of your day a pleasurable one.

So there you are! You have washed your face, you have lathered it with a foam of your choice and hot water and now its..... action time!

Enter - the razor! A brief look in any supermarket will bewilder any first-time buyer; the last couple of years have seen a wealth of multi-coloured and shaped razors pop up (and down) on the market. Swivel razors have moveable heads that adjust themselves to the contours of your face; ordinary razors do not. Some razors are disposable and make for easy and more convenient hygiene, others just have disposable blades. Some blades are single (usually more suitable for a lighter beard) others are twin-blade and give a closer and longer-lasting shave. As in so many other markets - if you stick to a well-known brand name you can't really go wrong, but if you're uncertain about what's available and suitable for you, why not contact a manufacturer and ask.

Once you have chosen your particular razor, the actual shaving can begin. Your face is warm and wet and lathered as you apply your razor, using long and steady strokes, slanting the blade carefully to avoid injuries and rinsing it often. Shave in the direction of the beard's growth for the first session; if you have a very heavy beard and want an extra close shave, you can then go on to a second pass, shaving against the

growth. Worth remembering though is that too close a shave can result in skin that is raw and red rather than pink and healthily glowing.

And now for the real pampering! Normal to oily skins need some kind of aftershave; it functions as an antiseptic as well as helping to staunch minor cuts. Try to stay away from the very astringent or heavily scented products though, since they tend to irritate your skin rather than soothe it. For very sensitive skins there are special balms as well as face creams of different kinds - if you do suffer from a sensitive condition it is well worth the time and the effort to have a look at what's available.

Generally not so keen to try cosmetics, men don't seem to have the same built-in caution where aftershaves and colognes are concerned. And although they have taken off slowly in this country - skin care products for men are definitely here to stay. Special soaps, clarifying lotions, skin packs, face scrubs, bronzers and moisturizers are available from most well-stocked chemists and department stores and trained sales consultants will help you find your way in this 'new' world of sybaritism.

For a lot of men the daily shave is a pain-in-the-cheek-and-chin, and weekends are the blessed days when a stubble is allowed. But, while there is no law prescribing a daily shave every day and while the occasional break can be both pleasant and beneficial, there is absolutely no reason why shaving should be anything but enjoyable and satisfying.

(Acknowledgements to "Era" March 1986)



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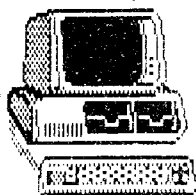
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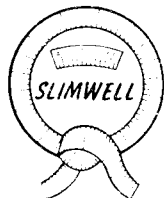
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