

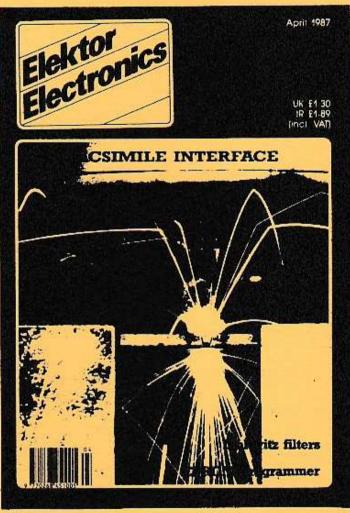
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Elektor Electronics is aimed at the dedicated electronics enthusiast, professional and amateur alike. It is published eleven times a year, with the July and August issues combined into one. Its contents include news from the world of electronics, informative articles on electronics and associated technologies, and original, high quality construction projects. Printed circuit boards are available direct from Elektor Electronics for many of the projects.

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G4TJB



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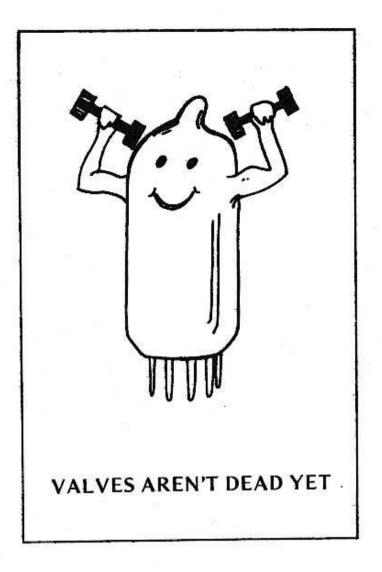
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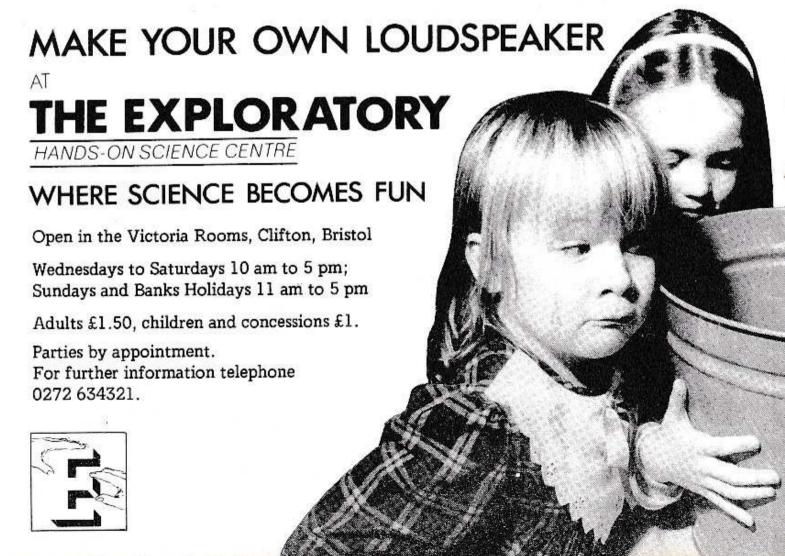
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WELCOME TO LONGLEAT

Welcome to the 30th Longleat Mobile Rally. To mark the occasion you are invited to take this programme to the bookstall and collect a small memento. A special welcome to our National Society's President, Mrs Joan Heathershaw G4CHH

The number of visitors to this long established rally continues to grow, last year we welcomed well over 12,000, coming from all over the British Isles and Europe; this year we hope you will find it even more attractive and a thoroughly enjoyable outing. Present to entertain you are the Bristol Morris Men and the Midsomer Norton Marching Brass, while children are invited to exercise their artistic skills. For the inner person Longleat Caterers have promised to increase their provisions and provide for a wider range of tastes, including vegetarian dishes.

Of traders there is the usual full range from far and near jostling for your custom, with many amateur radio groups either having stands or meeting outside the Bring and Buy marquee. That mighty Longleat service will be busy as ever as will the bookstall in its traditional place, beside which you will find the RSGB Headquarters stand.

As always I must express my sincere thanks to all associated with the organisation of the rally, and who have helped to make things run smoothly yet again.

73s, Enjoy the rally.

Brian Goddard G4FRG



TIMES TO NOTE

Items for the bring and buy service will not be accepted before
All traders' vehicles must be off the rally site, please, by
The Midsomer Norton Marching Brass
will be on parade at
The Bristol Morris Men will be on their feet at 1.00 pm and 4.00 pm
Competition entries must be handed in to the bookstall by
Competition winners will be announced at 3.30 pm
Goods and payment must be collected from the bring and buy service by
City of Bristol RSGB Group's 30th Longleat Mobile Rally closes at

The 31st Longleat Mobile Rally opens at 10.30 am on 26th June 1988





ACKNOWLEDGEMENTS

The Bristol RSGB Group is pleased to be able to receive support from many Amateur Radio Clubs in the Bristol area. Without this help, it would be impossible to organise the Rally. We gratefully acknowledge the support of the following clubs and include details of their meetings. All would welcome visitors and new members.

BATH AND DISTRICT ARC

Meet alternate Wednesdays at 7.30 pm, Englishcombe Inn, Englishcombe Lane, Bath.

Contact L P Lear, G3FIH, Telephone Bath 837539

BRISTOL ARC

Meet every Tuesday at 7.30 pm, YMCA Park Road, Kingswood, Bristol. Contact D Gully, G4YOC, Telephone Bitton 4116

SOUTH BRISTOL ARC

Meet every Wednesday at 7.30 pm, Whitchurch Folk House, East Dundry Lane, Whitchurch, Bristol.

Contact Len Baker, G4RZY, Telephone Whitchurch 834282

NORTH BRISTOL ARC

Meet every Friday at 7.00 pm, at SHE 7, Braemar Crescent, Northville, Bristol.

Contact A Booth, G4YQQ, Telephone Bristol 690404

SHIREHAMPTON ARC

Meet every Friday at 7.30 pm, at Twyford House, High Street, Shire-hampton, Bristol.

Contact Ron Ford, G4GTD

THORNBURY AND DISTRICT ARC

Meets first Wednesday of each month at 7.30 pm, at White Horse Inn, Grovesend, Thornbury.

Contact J Jones, G8AZT

GORDANO AR GROUP

Meets fourth Wednesday of each month at 7.30 pm at Ship Hotel, Down Road, Portishead.

Contact John Davies, G3LJD

AVON RAYNET

Thursday evening net on 144.825 MHz at 7.00 pm Contact Brian Goddard, G4FRG, Telephone Portishead 848140

Our thanks also to members of the 2nd, 3rd and 4th Warminster, and Codford Girl Guide companies for undertaking the task of distributing programmes.



RADIO SOCIETY OF GREAT BRITAIN

CITY OF BRISTOL GROUP

Bristol is home to one of the last RSGB groups in the country and is the focus of an area particularly active in amateur radio. The Bristol RSGB Group can trace its roots right back to the start of amateur radio and has always played a prominent role, achieving notable successes in contests and being involved in numerous technical and social activities. It has lately given financial support to the proposed FMTV repeater GB3ZZ and the very active packet repeater GB3BP. It has also established and funded a permanent cw test centre in Bristol. This rally, which it has organised since its inception in 1958, is now the longest established rally in the country, and probably the best, attracting visitors from as far away as Orkney, and others from mainland Europe.

The Group continues to expand and welcomes all visitors to its monthly meetings. These are held in the small lecture theatre, Queen's Building, University of Bristol. Those for the remainder of 1987 are as follows:-

28th June

30th Longleat Mobile Rally

27th July

LF DX'ing - Don Field B3XTT

24th August

Polishing and printing "Practical Wireless and

Short Wave Magazine" - Elain Richards G4LFM

30th August

Mobile Picnic at Ashton Court

28th September

RSGB Video Presentation JARL visit to China.

VP8ANT DX expedition

26th October

Annual General Meeting

30th November

Home Brew Competition

14th December

Christmas Party

The current committee consists of:

Brian Goddard G4FRG

Keith Middleton G4EJH

Colin Hollister G4SQQ

Tony Capel G4ROX

Ron Ford G4GTD

Malcolm Cooper G8KGH

Ian Ford G4DKS

Mark Goodfellow G4KUQ

Shaun O'Sullivan G8VPG

Terry Rowe G8NNU

Ralph Veale G4LEA

Alan Walker G4UWS

Chairman

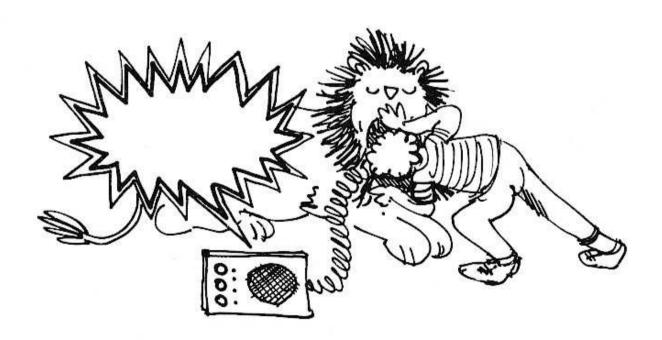
Vice Chairman

Honorary Secretary

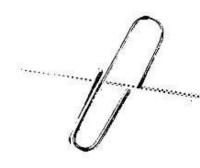
Honorary Treasurer

Honorary Vice Treasurer

Further details are available from the Secretary, tel. Bristol (0272) 508451.



Get the message? The best completion wins a prize; see page 18.



Mobile Column

BY JOHN A. ROUSE (G2AHL/M) *

BRILLIANT weather on June 15, 1958, was one factor which helped to make Briefal Costs, was one factor which helped to make Bristol Group's first mobile rally at Longleat House, near Warminster in Wiltshire, a Careful planning and excellent arrangements generally put the seal of success on the event for the crowd of more than 300 people who attended. Those who did so much to see that things went smoothly must have felt well satisfied at the end of the day.

A fine mobile rig, and a magnificently turned out Ford Consul Mk II, won the concours d'elegance for G3ATL/M who also received a certificate of merit for travelling the greatest distance on the day of the rally (172 miles each way). Other certificates went to G3KFT/M (for the longest contact with control on Top Band), G3IRA/M (for the longest contact with control on 2 metres), and G5PP/M who just managed to exceed G3WW/M's score in the Top Band

Many visitors probably thought the raffle should have been called a swindle—Bristol's T.R. (G2FYT) managed to win three of the main prizes!

The control stations were G3CHW/A on Top Band and G3FKO/P on 2 metres, who was using a most interesting form of double circle aerial fed with 70 ohm co-ax.

An excellent factual report on the rally was broadcast by the B.B.C. in the Today programme the following morning. Despite bad weather about 50 mobiles attended the Harlow and District Radio Society's Mobile Rally at Magdalen Laver on June 22. In addition to a Treasure Hunt and Draw, there were demonstrations of commercial mobile equipment, Amateur Television and hi-fi. Out and About

G2CD/M (Seven Kings) who recently spent a holiday in the Scottish Highlands, took his mobile equipment along hoping to have some QSOs. In two weeks, however, only two contacts were made—one on Top Band and one on 80 metres. The reasons for these poor results seem to be two-Activity on Top Band appears to be low in Scotland interference from navigational aids, while 80 mountain areas white in so many inter-GM contacts, suffers bad

mountain ranges. The noise lev

areas while in the count

One at the I fit on t Lucas 1 joint (l which coils f spring the.

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facilities. Carry Yo A few was cha' licence Luckily police (Howe

members that the ti advisable, Licence (or

Mobile Ma Most mo conditions 1 less, faults (a good ba small sol testing a 6 or 12 copper 18 watts reaches

made b Green 5



MARITIME MOBILE

Two or three years back I was woken by the telephone at about three o'clock in the morning. You can imagine I was none too pleased, and I hardly took it in when the operator told me the call was from a ship. Well, the conversation went on as I gathered my wits and it turned out to be somebody wanting to book a table for the Longleat Rally. By the time I'd taken down the details I was awake enough to think this was a more than usually odd time to be telephoned for a table, and then I remembered something about a ship, so I asked him where he was. "Oh, a little way off the coast of Chile!" — I do wish he had remembered what time it was here before he made that call.

G4FRG

I remember hearing about an incident that took place about ten years ago, when a chap with a radio controlled boat was demonstrating his skill. After a while a representative of the licensing department ascertained that no licence had been obtained. The outcome, I was told, was that the boat was put on a course to the middle of the lake by the officer, who switched off the control transmitter and confiscated it. I have no details of any salvage operation!

G5KT

30TH LONGLEAT MOBILE RALLY BRING AND BUY SERVICE

CONDITIONS OF ACCEPTANCE

NO GOODS will be accepted for display unless they are accompanied by a fully completed entry form.

These forms are available at several points close to the Bring and Buy "Goods In" entrances.

A 10% commission is levied on all goods sold.

On single items over £10 a FIXED CHARGE OF £1 per item is made, a maximum of four items being accepted. The £1 display fee will be deducted from the Group's 10% commission in the event of the goods being sold.

REPAYMENT FOR GOODS SOLD

No repayments will be made before 12 noon.

Repayments will be made as follows: Cash payment of 50% of the selling price up to a maximum of £50, the balance of the Group's cheque.

SINGLE ITEMS NOT EXCEEDING £10

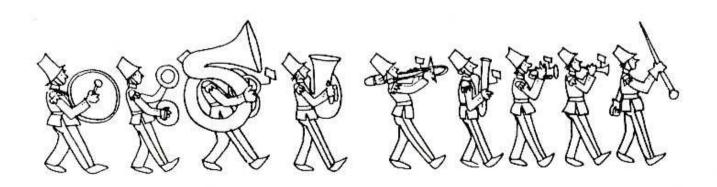
There is a non-returnable display fee of 10% of the asking price, payable when booking in. Proceeds will be passed to the seller without deduction.

UNSOLD GOODS

Unsold good will only be returned on presentation of the official receipt.

All unsold goods must be claimed before 5.30 pm.

No responsibility is accepted for unclaimed goods after 5.30 pm.



CONDITIONS OF SALE

Cash sales only will be processed from the front of the stall. Buyers wishing to pay by cheque will be asked to go to the paying in point at the end of the stall. Cheques will only be accepted if accompanied by:

- 1 A cheque card and one other means of identification or
- 2 Two separate documents providing means of identification.

The Group regrets any inconvenience that may be caused by these requirements. They have been found necessary because of losses incurred by dishonoured cheques.

BEFORE PURCHASING, PROSPECTIVE BUYERS SHOULD EXAMINE THE ITEM(S) OFFERED AND ENSURE THAT THEY ARE OF SALEABLE QUALITY AND FIT FOR THE INTENDED USE.

The Group retains the right to refuse any item or items as it deems fit.

Over £10	Up to £10
Over £10	
	Raffle

These Groups are represented at Longleat this year and will be delighted to meet members and visitors at their stands.

THE INTERNATIONAL SHORT WAVE LEAGUE, (1987)

c/o Mr R G Rugg G2BRR Meldrums, The Hill, Little Somerford Chippenham, Wilts SN15 5BQ

The League caters for members with interests in both the amateur and broadcast bands, membership being open to SWLs and licensed amateurs equally. It produces a free monthly magazine covering amateur HF and VHF bands, short wave broadcast bands, transmitter topics and various other articles.

INTERNATIONAL POLICE ASSOCIATION RADIO CLUB

c/o Brian Boon G4TRE P O Box 9 Wakefield, West Yorkshire WF1 3QP

Membership is open to any serving or pensioned member of the Police Service. The aims of the club are expressed in our motto 'Service through friendship'. Regular weekly nets, both National and International take place. There is a comprehensive award scheme.

BOURNEMOUTH RADIO SOCIETY

c/o V Coombes G4DJG 10 Maxwell Road Winton Bournemouth BH9 1DJ

Bournemouth Radio Society was formed in 1947. Its meetings are held on the first and third Friday in every month at Pelhams Park, Kinson Community Centre, Millhams Road, Kinson, Bournemouth, Dorset. Potential Radio Amateurs and visitors are always welcome at their meetings which are held at 8.00 pm.

THE MENDIP REPEATER GROUP

Box 73, Radstock, Bath BA3 3GP

The object of the Group is to provide and maintain repeaters (including GB3WR, GB3UB, GB3VS, and GB3UT) in the Mendip areas and to generally maintain and foster interest in repeaters.

The cost of maintaining these repeaters is by subscription currently £3.00 per annum and membership is open to all.

BRISTOL 70 cm REPEATER GROUP

c/o Mr S J Bailey (Honorary Secretary) 50 Quantock Close North Common, Warmley, Bristol BS15 5UT

The Group was formed in 1976 and is responsible for the running of GB3BS UHF voice repeater and also VHF GB3BP packet (switch) repeater. Both are co-sited at Cossham Hospital in Kingswood, Bristol, and provide coverage throughout the Severn Valley and Bristol Channel area. Further details are available from the Secretary, or from The Treasurer, Mr T Rowe, G8NNU, QTHR.

BRITISH AMATEUR TELEVISION CLUB

c/o Mr D Lawton Grenehurst, Pinewood Road, High Wycombe, Bucks HP12 4DD

BATC now has some 2400 members, produces a quarterly 80 page magazine, provides a variety of PCBs and is deeply involved in the establishment of ATV repeaters on 24 cm. Membership normally costs £6 per year, but £10.50 will now cover the remainder of 1987 and 1988.

ROYAL NAVAL AMATEUR RADIO SOCIETY

c/o Mr M Puttick G3LIK 21 Sandyfield Crescent Cowplain, Portsmouth, Hants PO8 8SQ Telephone: Portsmouth (0705) 255880

The RNARS was formed in 1960 and is open to members who are serving or past-serving members of the Royal Navy, Merchant Navy and those supporting from MOD(N) all as Corporate membership. Associate membership is open to those from NATO navies. The Society maintains close links with the Department of Transport, RSGB and the IARU on matters pertaining to the maritime mobile radio amateur. Subscription at the present time is £5 per annum, plus a £2 joining fee. A comprehensive Newsletter is published three times a year.

INTERNATIONAL LISTENERS ASSOCIATION

c/o Trevor Morgan, GW4OXB 1 Jersey Street, Hafod, Swansea, SA1 2HF

The Association was formed to encourage the interchange of ideas and techniques between listeners from all spheres of the hobby. The Association has over 200 members worldwide. A number of Listeners

Awards are promoted and a quarterly newsletter keeps members informed of activities. Membership is £1 per annum. Full details will be available at their stand.

BARTG

The British Amateur Radio Teleprinter Group was formed in 1959, and exists to encourage and promote interest in all modes of data communication. The Group publishes a regular magazine covering technical matters, contest news, tutorials for beginners and general gossip. Other services include a Sunday RTTY news bulletin, and the supply of specialist components and books. Most important the group offers advice and help to individual members to get their systems working.

Membership enquiries to:-Mrs J Beedie, Ffynnonlas, Salem, Llandeilo, Dyfed, Wales.

BYLARA

BYLARA was set up in 1979 to promote friendship amongst YLs and to encourage good operating procedures. We have several nets HF and VHF and try to meet at the larger rallies. We also have some OM associate members who call in to the Monday evening HF net on 3.680 MHz.

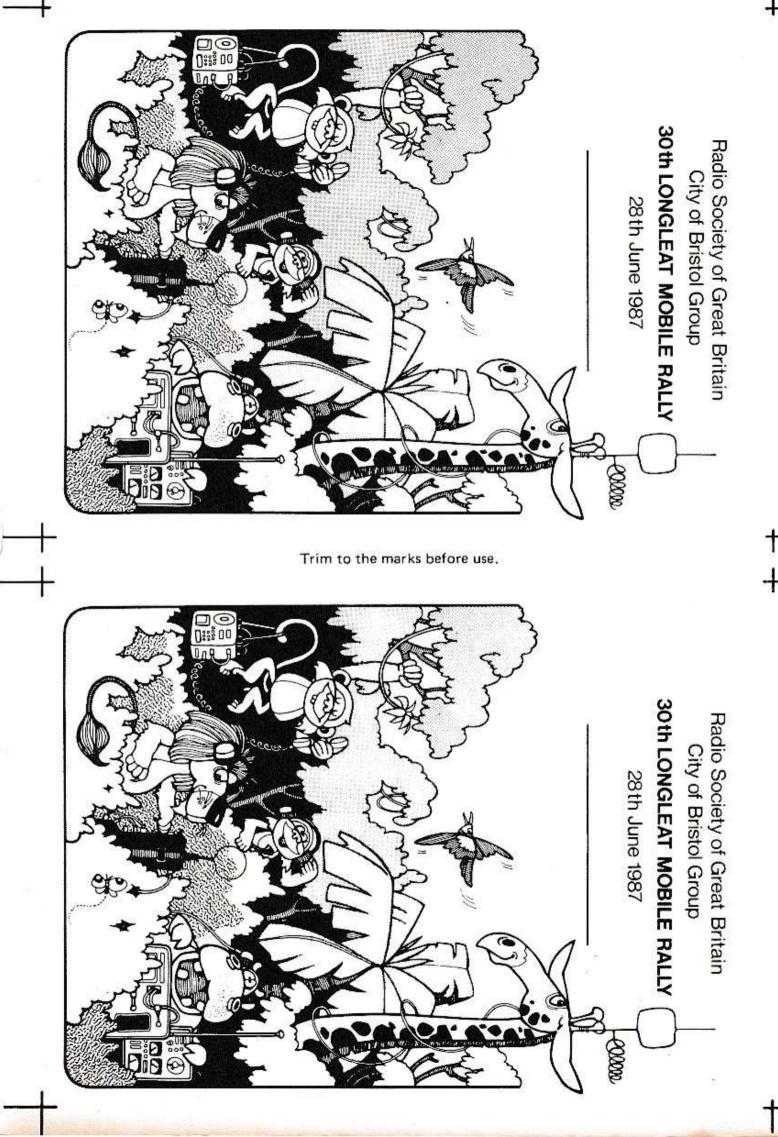
Enquiries to:Mrs Alison Soars GOALI,
84 Ridge Road,
Kingswinford,
West Midlands
DY6 9RG

RADIO AMATEUR INVALID AND BLIND CLUB

The Club was founded in 1954 as a self-help organisation to enable blind and disabled people to enjoy the hobby of Amateur Radio. Over the years, the Club has grown considerably, with a membership of nearly 1900 full members, local representatives and supporters. Membership is by subscription to "Radial", the club newsletter.

Enquiries to:-Mrs C M Clark G1GQJ 9 Conigre, Chinnor Oxon OX9 4JY

Continued on page 19



To Radio , confirming our QSO	28th June 1987, GMT, MHz	CW/SSB/FM/ Mode	Your Signals R . S . T . QRM/N QSB	My Tx/Rxw	Ant	Operating from 30th Longleat Rally
To Radio , confirming our	28th June 1987, GMT,	CW/SSB/FM/ Mode	Your Signals R . S . T . QRM/N QS	My Tx/Rx	Ant	Onerating from 30th Longlest Rally

City of Bristol KSGB Group

My home QTH

The 31st Longleat Rally is on 26th June 1988

To Radio , confirming our QSO 28th June 1987, GMT, MHz CW/SSB/FM/ Mode	Your Signals R . S . T . QRM/N QSB	My Tx/Rx w	Ant
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Operating from 30th Longleat Rally City of Bristol RSGB Group

My home QTH

The 31st Longleat Rally is on 26th June 1988

Very useful multi-purpose page

Each year we provide table space for a registered charity and would urge you to give it your due consideration.

MUSCULAR DYSTROPHY GROUP OF GREAT BRITAIN (North Avon Branch)

c/o Miss J McGuinness 12 Hatchett Lane Stoke Gifford Bristol BS12 6PA

The Muscular Dystrophy Group raises funds for research into finding a cure for a wasting disease of the muscles which in time causes paralysis to both children and adults.

The St John's Ambulance Brigade are, as always, in attendance on the rally site. They really were vital last year and unusually busy; to those they helped we wish a better Longleat this year. As many of you will be aware it is their centenary this year and the committee hope you will show your recognition of the support they give you.

Mr Cooper's fairground organ is becoming a Longleat Rally tradition, giving a gentle festive air which suits the location perfectly. His collection goes entirely to the Southmead Hospital Research Fund, which supports the Kidney Unit. And if you've lost your donor card maybe he can help with a replacement.

Name					Age	Mum/Dad/Etc's
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RADIO AMATEURS OLD TIMERS' ASSOCIATION

c/o Mr F (Dud) Charman G6CJ The Firs Hunger Hill East Stour Gillingham, Dorset SP3 5JR

The object of the Association is to keep alive the pioneer spirit of Amateur Radio by personal and radio contacts, and to preserve the legends of the past. Membership is open to anyone who has had an interest in the field of communication by radio for 25 years or more. This does not mean that you must have been licensed for all this time as SWLs may also join. The Secretary is Mrs Havard, G4USN, QTHR.

BRISTOL FM — TV GROUP, GB3ZZ

Secretary: Bryan Collins, G4YQR (QTHR)

The Bristol FM — TV Group are operating Bristol's latest repeater project, a 23/24 cm FM TV repeater. The repeater is located at Filton, North Bristol, and operates on channel RMT2. New members to the group are always welcome; please contact the Secretary.

Look out for the group's wideband 18 element 23/24 cm yagi. This is ideal for ATV use and is available from the B & J Telecommunications stand at £12.50 each. All proceeds will be applied to GB3ZZ funds.

RAFARS

c/o Eric Chalmers G3FVC 1 High Bank Watchet Somerset TA23 0DJ

The aims of the Society are to promote amateur radio as a scientific and technical hobby within the Royal Air Force and to encourage and assist its members in private and experimental work on problems relating to radio communication and associated electronic technology. Membership is open to serving or past members of the Royal Air Force or of the Commonwealth Air Forces, and to civilians directly connected with these services by virtue of their employment.

South Glamorgan Repeater Group GB3SG (RB 15)

Bridgwater Repeater Group GB3US (RB13) c/o Brian Smith G4ETN

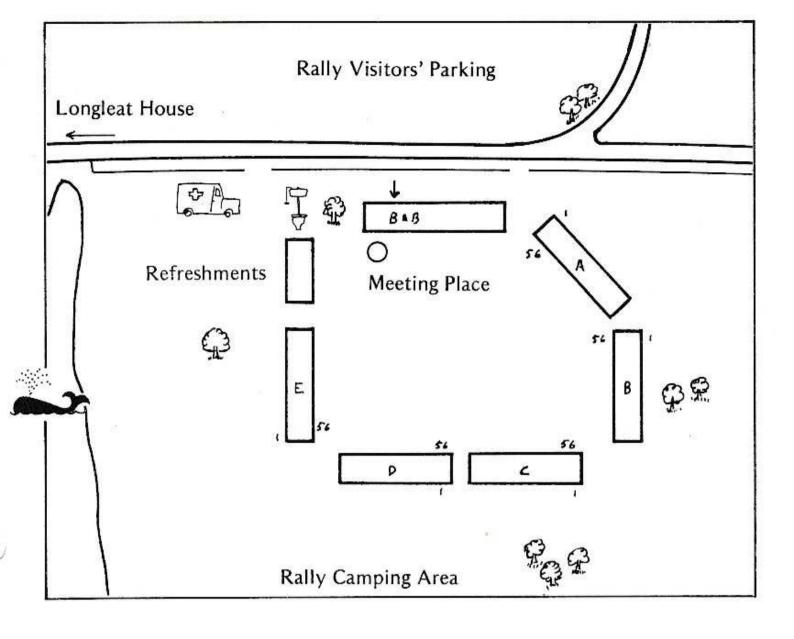
AE Electronics	A 29-31
Amdat	1 111 2
Anchor Surplus	D 9-13
ARE Communications	D 1-8
Arrow Electronics	A 4-8
B & J Telecomm	C 1-3
B & T Electronics	C 41-42
R Bagnall	D 35-36
Barenco	D 53-56
Bonex	E 30-34
Booth Holdings	E 52-54
Brial Services	D 51-52
Bricomm	D 49-50
The CB Shop	C 55-56
M Christian	A 35-40
Commonside Hardware Services	C 12-13
Computer Junk Shop	D 17-20
Mrs H Cook	D 45
Dataphone Electronics	A 9-13, C 43-47
DEE Communications Ltd	В 41-43
Display Electronics	C 25-32
G4TJB QSL Cards	B 23-24, 33-34
Garex Electronics	D 46-48
Gemini Electronics	B 50-56
Gordon High Precision	E 39-40
Greens Telecomm	E 23-27
Heatherlite Products	D 29-30
R C Hillard	E 19-20
Hilton Plant Ltd	C 50-51
J C Hornby	C 48

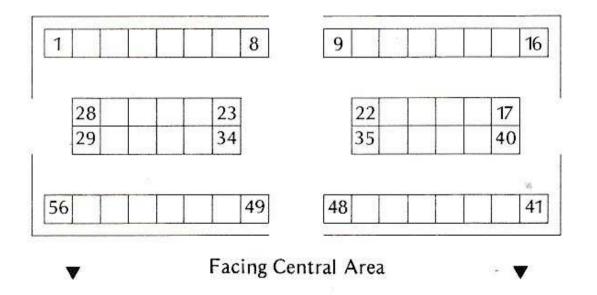
J T Hosker	C 9
A Hurd	E 41
J E P Electronics	E 1-2
JKM Electronics	A 32-34
A Kelly	E 49-51
R A Kent	E 9-10
M & B Leeds	B 17-22
Linkbrook Ltd	B 25-32
Lion Publications	D 14
M F M Supplies (Rugely)	A 14



Mannering	35	E 21-22
Marco Trading		C 4-8
Merley Electronic Salvage		D 15-16
Minicost		B 38-40

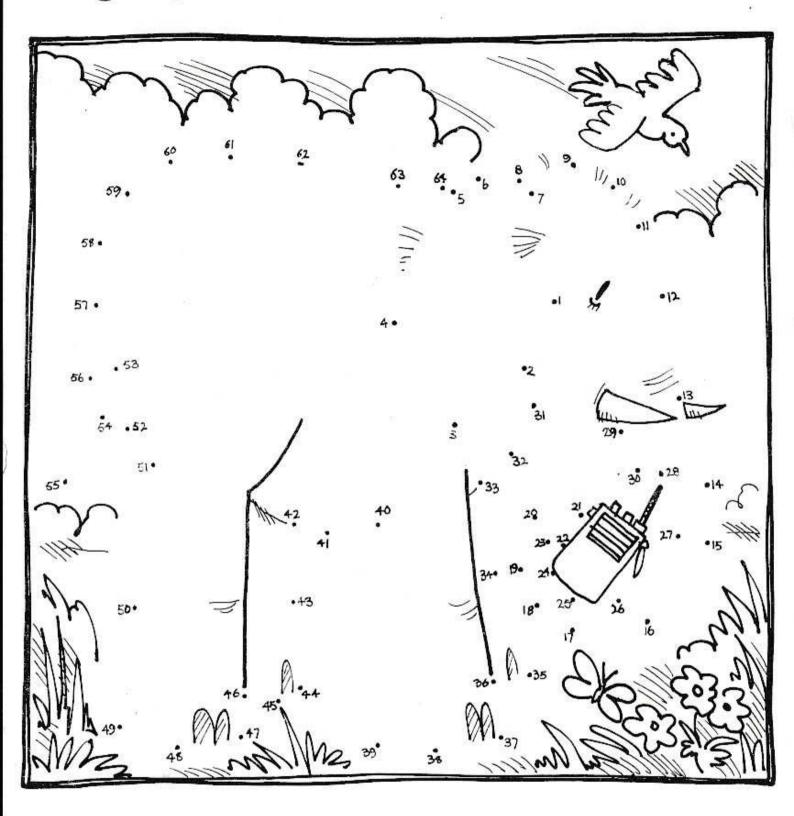
Newton Engraving	B & B Tent
Oriel Enterprises	C 10-11
PJS Electronics	E 17-18
PNP Communications	C 52-54
Poole Logic	В 35-37
Practical Wireless/Short Wave Magazine	C 23-24, 33-34
Precision High Tech	E 28-29
Radio & Electronics World/Amateur Radio	A 47-48
Radiotronics	D 26-28
Rich Electronics	C 17-22
SCS Components	E 43-44
SGS Electronics	B 43-48
SMC Ltd	E 11-16
Select TV	E 3-8
G Simpson	C 49
Sitek	C 38-40
Spectrum Communications	E 35-38
Stevens Electrical	C 35-37
M Sullivan	D 21-22
Syon Trading	A 1-4
Tar Aerials	D 41-44
Taurus Electrical Services	B 9-13
Uppington Teleradio (Bristol) Ltd	A 51-56
Walters & Stanton Electronics	B 4-8
Reg Ward	A 41-46
John Warden	A 49-50
Weirmead Ltd	A 23-28
W Westlake Electronics	E 45-48
Brian Williams	B 14
T W Wraith	A 17-22



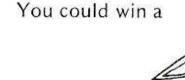


If extra tables are provided to meet late requests they will be placed between 8 and 9, 22 and 23, and 34 and 35. Neither they nor their occupants appear in the list.

Bin Ma DOTE!



If you are under 14 use page 17 to draw a picture of somebody or something at the rally (not the safari park, etc.). Put your name, age, and address on the back and hand it in to the bookstall before 3 o'clock.



My friend Maffy collects ideas and puzzles. Here are some she would like you to try out.

Start with number

A game for two players.

Instead of 0's and X's, each player takes it in turn to choose a number from the list:

1 2 3 4 5 6 7 8 9 10

The winner is the first person to make a line adding up to 11

This is a typical game: Dotty goes first

1 2 5 | 3 5 |

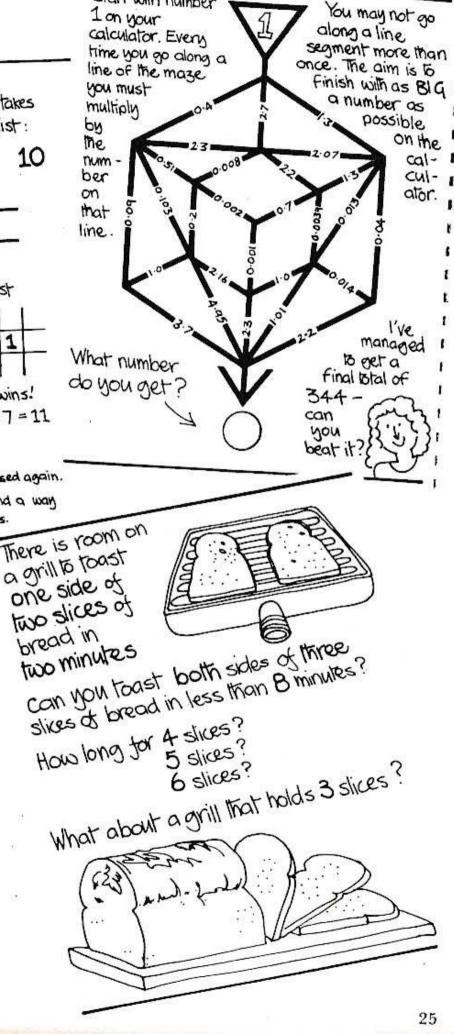
Once a number is chosen from the list, it cannot be used again.

Try playing some games with a friend — try to find a way

of always winning. Try changing the rules.

@ 5 3

Hyou like these your teacher should ring Bristol (0272) 428208 and ask for (1)



OFF AND CLEAR by MRS JO CASE

I sat in the lecture theatre of the University and looked around at the all male assembly of the Radio Society and it started me thinking of a statement that a friend of mine once made:-"What is it like being a Ham Radio widow?" Later I thought a lot about this, I had met many females who thought they were golf, cricket or football widows and other hobbies where wives were left out, but what about a ham radio widow? With outdoor hobbies the males will pack their bags and go to follow the sport of his choice at the weekends. Spouses put up with this, they may not like it but at least it is only for a few hours a week. If you are married to a radio fanatic you realise that this is a hobby that takes over. There is a complete change in his character from day one, no longer does he have a name like John, Bob, Jack or Bill (nice lovable names), instead he is a number, a call sign, his speech changes, queer words like alpha, hotel, whisky, romeo, delta and tango become the norm, jargon like long and short waves, sporadic E etc., dots and dashes are ways of making conversation.

He becomes very secretive, rooms in the house suddenly become interesting to him. He wanders around the garden taking a great interest in the bit at the bottom, saying "Do you know that nothing seems to grow there". At last he makes his move; a large pole appears on this piece, wires sprout everywhere. The room or shed that up to now has been a dumping ground starts to look tidy, things disappear, storage space is precious. Now he becomes secretive, disappearing for longer periods, eventually a shack is installed; sorry, I mean HQ, I think, strange equipment is moved in and fixed up. If one has enough courage to go anywhere near this shrine, strange noises are heard. It appears that a school of idiots has taken over, everyone talking at once at the bottom of a sea of noise. Hours later himself will emerge, a smug look on his face. He has conquered, now he is truly one of them, from now on everything has to take second place.

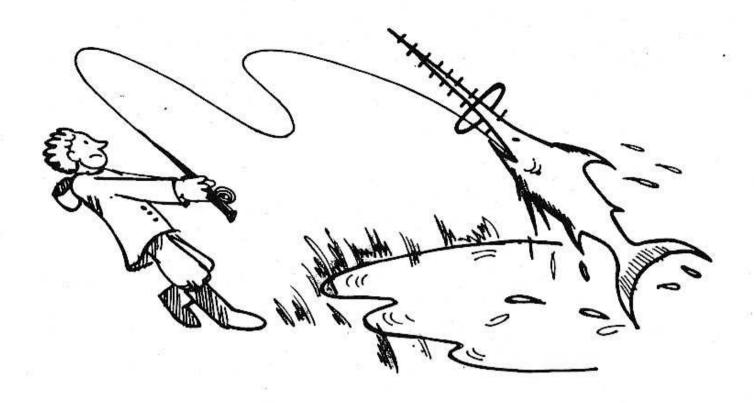
Nothing can stop him now. The car is the next thing to come under attack, this is fitted with a radio, a microphone is installed. Now when you take a quiet drive in the country unseen strange people come along with you, voices tell you the best routes to take, the weather you are likely to have; if you are lucky, you, the female (who is now called the XYL or YL; this according to marital status) will receive a greeting from one of these voices. You become a captive listener, tales of the hard lives of these poor unfortunate males have pour out. "She who must be obeyed" is keeping them at it, painting, decorating. "Haven't had a lot of time this week for listening". They become quite

a willing partner for supermarket visiting. No, they don't mind waiting, no need to hurry. I'm alright Jack should have been added to that last statement. They just sit and wait, their mikes become their friends. When the unsuspecting females return laden, they hear words like signing off now; off to the salt mines. I believe that this last is a slang expression for 'work'. In all they have a very hard life.



Having said all this, although it has been a male world for a long time, at last the females are taking up the challenge and it must have been quite a shock to many when one lady had the courage to stand as President of the RSGB and proceeded to make a very good job of it. Now the doors are wide open as more and more ladies take up this male dominated hobby. The future should be very interesting, dirty dishes in the sink, unmade beds, empty cupboards, children rushing home from school yelling "Where are you Mum?". "In the shack". "Where's that?" "The door marked: The Boss, HQ, Private, Keep Out": and if you dare go nearer, you may hear, "Signing off and 73 and 88 to you all".

This was written while her husband spoke at a meeting of the Bristol Group and is reprinted from the Newsletter.



THEY'RE FREE!

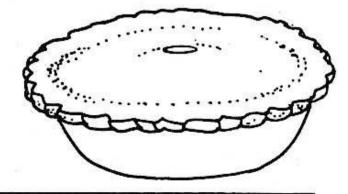
Pharmacists are usually only too glad to give away the plastic drums in which they receive their bulk supplies. They have tight lids and are useful for storage, protecting cable joints, DIY microphone cases, etc., etc., etc., To remove the label fill the drum with very hot water and peel it off gently. If any glue remains, adhesive or masking tape will normally remove it. Most are safe to use in the kitchen, but check first. (G4UWS)

TURNKEY

Try mounting your key on a block sloping 30° to the right (or left if you work left-handed). I find it suits my wrist better than using it upright. (G4LEA).

PIE NETWORK?

Can you cut a pie into eight pieces by making only 3 cuts? You are not allowed to cut the pie in layers.



This is a worthwhile addition to any radio shack. It is granted to any station logging sufficient contacts with Bristol stations in postal districts BS1 — BS21 inclusive. Short wave listeners will require confirmation by a referee, or QSL cards.

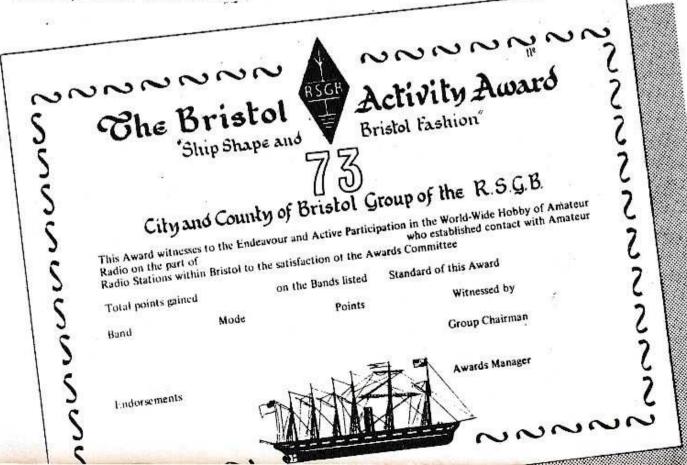
Points are allocated for contacts as shown: 100 points are needed for the basic award, with endorsements for each subsequent 100 points. An endorsement can be requested for "Worked All Award Area" if contacts are made with all 21 postal districts.

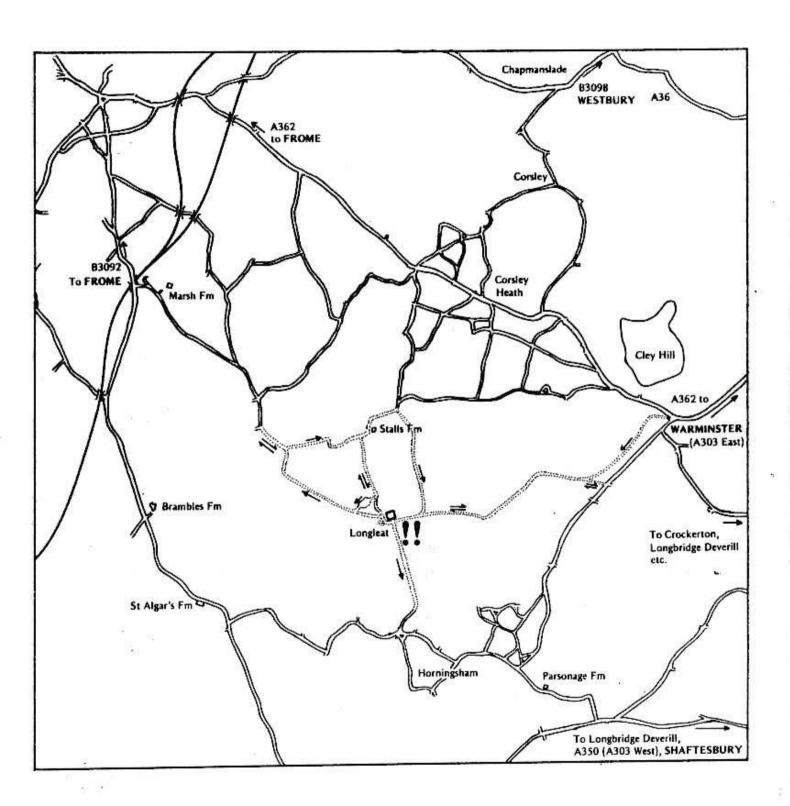
Band		Claimant	
	In Bristol	In UK	Outside UK
160 m - 70 cm	4	10	10
23 cm & 13 cm	.5	10	50
3 cm	25	+ 1 per Km	

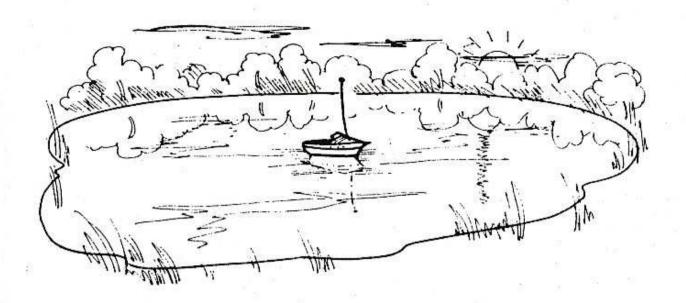
Each Bristol station may be contacted once only on each band, but portable and mobile operation within the prescribed districts is taken as separate from a base station contact.

Contacts may be made via repeaters or satellites. Special Event Stations, Field Day, or Club Stations rate double points.

When 100 points have been accumulated log extracts under separate band headings must be confirmed by at least one other amateur and forwarded to the Bristol Activity Award Manager, G3 JMY, who is QTHR, together with the callsign and location of the station. Applicants for endorsements will be issued with new up-dated certificates.







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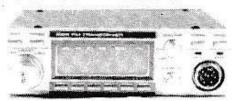
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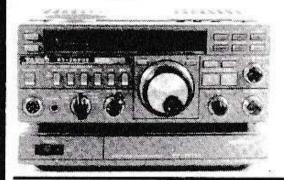
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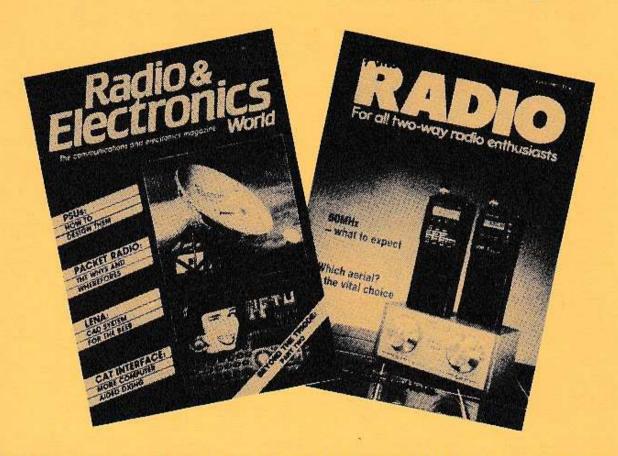
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