

A.R.E. Communications Ltd.

6 Royal Parade, Hanger Lane, Ealing, London W5A 1ET, England

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-WW-

A.R.E. COMMUNICATIONS STAND NO. E 41 — 48.

FOR YOUR COMPLETE CHOICE OF AMATEUR RADIO EQUIPMENT ICOM
YAESU
KENWOOD/TRIO, etc....

BRENDA AND BERNIE WILL BE PLEASED TO WELCOME YOU

AT THEIR STAND AT LONGLEAT.

**AA/RAC

AA/RAC**

PORTWAY HOTEL FROME

3 miles from Longleat

Comfortable Accommodation - Restaurant Lunchtime Bar Snacks

Week-end "Safari" Mini-breaks - £55

Telephone 0373 63508

WELCOME TO LONGLEAT

Welcome to the Longleat Amateur Radio Rally.
Over the past 29 years, the Radio Society of Great
Britain City of Bristol Group have developed the
Longleat Rally into one of the largest Amateur
Radio events of the calender. The 29th Rally
this year is the largest so far, with six large
marquees full up with traders, Amateur Radio
Societies, an enormous Bring & Buy stand and many
other attractions for you. Several of the
marquees have been especially extended to provide
more exhibition space.

To make the event an enjoyable day out for all the family, we are pleased to have been able to provide an increased number of general attractions on the rally site. These will include a parachute drop onto the site, a fair-ground organ, "The Lawmen", a spectacular wild west shoot-out show, and the GWR Road Show, as well as comprehensive catering facilities.

Last year, we were delighted to welcome over 12,000 visitors, travelling in 5,000 vehicles to Longleat. Visitors travel from all parts of the U.K. and abroad, and many traders come several hundred miles to be with us. To each and everyone of you, we extend a very warm welcome and wish you an enjoyable day at the 29th Longleat Amateur Radio Rally.

73's Mm/MM

Shaun P. O'Sullivan G8VPG Chairman

FROM THE RALLY ORGANISER

Once again I am pleased to be associated with the organisation of the rally and very pleased to see the programme back after a lapse of some years. My sincere thanks to all those who have helped to make things go smoothly.

I hope you all have a most enjoyable day.

Joseph

Brian Goddard G4FRG

TIMES TO NOTE

Items for the Bring & Buy service will not be accepted before 9.30

Traders vehicles off the rally site, please, by 10.00

GWR Road Show starts 10.00

Official opening time 10.30

The Lawmen will be shooting it out 12.00 and 3.00

GWR Road Show finishes 4.00

Gcods and cash must be collected from the Bring & Buy service 5.00

Official closing time 5.00

Please drive carefully

RADIO SOCIETY OF GREAT BRITAIN, CITY OF BRISTOL GROUP

Bristol is home to one of the last R.S.G.B. groups in the country. The Bristol R.S.G.B. Group can trace it's roots back directly to the start of Amateur Radio in the U.K. It has always played a prominent role in National Amateur Radio affairs, winning N.F.D. three years in succession before the war, organising the first R.S.G.B. National Convention in 1954 and organising this rally since it's inception in 1957. The Group continues to expand, and would like to welcome you to one of it's monthly meetings, which are held at 7.30 p.m. in the Small Lecture Theatre, Queens Building University of Bristol, University Walk, Bristol. Details of our meetings for the remainder of the year are as follows:

- July 28th: "HF Propagation" by Ray Flavell G31TP, Chairman, R.S.G.B. Propagation Studies Committee.
- August 18th: "Latest trends in HF Equipment"
 by the Manager of Lowe Electronics, Cardiff
 Branch
- August 24th: Mobile Picnic at Ashton Court Park, Bristol.
- September 29th: "10 GHz Microwave Receivers" by Glen Ross G8MWR of the Microwave Society.
- October 27th: "Receiving Satellite TV" by Gerry Wood of Satellite Technology Systems Ltd. of Bristol. Joint meeting with Royal Television Society.
- November 24th: Christmas Party
- January 26th, 1987: Annual General Meeting.

This year's committee consists of:

Shaun O'Sullivan G8VPG
Brian Goddard G4FRG
Colin Hollister G4SQQ
Tony Capel G4ROX
Ian Ford G4DKS
Ron Ford G4GTD
Mark Goodfellow G4KUQ
Keith Middleton G4EJH
Terry Rowe G8NNU
Chris Short G8GLQ
Alan Walker G4UWS

Chairman Vice Chairman Honorary Secretary Honorary Treasurer

Further details are available from the Secretary, Tel. Bristol 508451.



ACKNOWLEDGEMENTS

The Bristol R.S.G.B. 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 A.R.C. - Meet alternate Wednesdays at 7.30 p.m., Englishcombe Inn, Englishcombs Lane, Bath.
Contact C. Ashley G4UMN, Tel. Frome 63939

BRISTOL A.R.C. - Meet every Tuesday at 7.30 p.m., Y.M.C.A. Park Road, Kingswood, Bristol.
Contact D. Gully G4YOC. Tel. Bitton 4116

SOUTH BRISTOL A.R.C. - Meet every Wednesday at 7.30 p.m. Whitchurch Folk House, East Dundry Lane, Whitchurch, Bristol.
Contact Len Baker G4RZY. Tel Whitchurch 834282

NORTH BRISTOL A.R.C. - Meet every Friday at 7.00 p.m. at SHE.7, Braemar Crescent, Northville, Bristol.
Contact Ted Bidmead G4EUV

SHIREHAMPTON A.R.C. - Meet every Friday at 7.30 p.m at Twyford House, High Street, Shirehampton, Bristol.

Contact Ron Ford G4GTD

THORNBURY AND DISTRICT A.R.C. - Meets first Wednesday of each month at 7.30 p.m. at White Horse Inn, Grovesend.
Contact J. Jones G8AZT

GORDANO A.R. GROUP - Meets fourth Wednesday of each month at 7.30 p.m. at Ship Hotel, Down Road, Portishead.
Contact John Davies G3LJD

AVON RAYNET - Thursday evening net on 144.825 MHz at 7.00 p.m.
Contact Brian Goddard G4FRG, T el Portishead 848140

Our thanks also to members of the

2nd Warminster 3rd Warminster 4th Warminster and Codford

Girl Guide Companies for undertaking the task of distributing programmes.



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

c/o Mr. R.G. Rugg G2BRR
Meldrums, The Hill,
Little Somerford,
Chippenham, Wilts. SN15.5B0

The League caters for members with interests in both the amateur and broadcast bands, membership being open to SWL's and licenced 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 Mr. M. Starkey G4IEJ
P.O. Box 9
Wakefield, West Yorks. 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.

BRITISH AMATEUR TELEVISION CLUB

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

BATC now has some 2000 members, produces a quarterly 80 page magazine, provides a variety

of PCB's and is deeply involved in the establishment of ATV repeaters on 24cm. Membership normally costs £6 per year, but £9.75 will now cover the remainder of 1986 and 1987.

BOURNEMOUTH RADIO SOCIETY

c/o Arthur Bagley G4EKE
8 Lark's Rise
Ferndown, Wimborne,
Dorset. BH22.9QU.
Telephone Ferndown (0202) 877945

Bournemouth Radio Society was formed in 1947. It's meetings are held on the 1st and 3rd 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 8.0 p.m.

INTERNATIONAL LISTENERS ASSOCIATION

c/o Trevor Morgan GW40XB
1 Jersey Street,
Harod, Swansea. SA1.2HF.

The Association was formed in 1985 to encourage interchange of ideas and techniques between listeners, the Association has over seventy members in ten countries. A number of Listeners' Awards are promoted and a quarterly "Newsletter" keeps members informed of activities. Membership is FREE to all listeners, Broadcast or Amateur. Full details will be available at their Stand.

ROYAL NAVAL AMATEUR RADIO SOCIETY

c/o Mr. M. Puttick G3LIK
21 Sandyfield crescent.
Cowplain, Portsmouth, Hants. P08.8SQ
Tel. 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 D. of T., RSGB and the IARU on matters pertaining to the maritime mobile Radio Amateur. Subscription at the present time is £3 per annum plus a £2 joining fee. A comprehensive Newsletter is published three times a year

B.S. REPEATER GROUP

c/o Mr. S.J.Bailey 50 Quantock Close North Common Warmley Bristol BS15.5UT

SWAX25

Dorset Contact G3VPF Somerset Contact G3COE

Avon Contact G8IMB or G8NNU

This is a voluntary group of Radio Amateurs all working to promote packet radio.

BARTG

c/o P.O. Box 3
Llandilo
Dyfed. SA19.6EU

BYLARA

c/o Miss A. Voss GØCCI P.O. Box 49 Colchester, Essex CO4.3SF

BYLARA was set up five years ago to provide good operating procedures among YL's and friendship. We have several nets VHF and HF and try to meet at the larger rallies. We also have a significant number of OM members who certainly enjoy the Monday evening HF nets on 3.680 MHz.

BARTG

c/o Mr. A. Reynold G6VTF
169 Bell Green Road
Coventry CV6.7GW

RAIBC

c/o Mr. Clark G1GQT 9 Congre Chinnor, Oxon OX9.4JY

RAFARS

c/o The Administrative Secretary
R.A.F. Locking
Weston-super-Mare

IBA RADIO CLUB

c/o Crawley Court
Crawley

RADIO AMATEURS OLD TIMERS ASSOCIATION

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

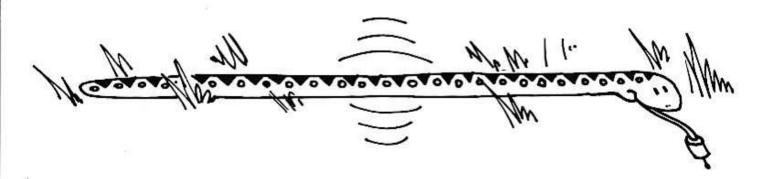
The object of the Association is to keep alive the pioneer spirit of Amateur Radio by personal and radio contacts, and to preserve the legends of the past. Membership is open to anyone who has had an interest in the field of communication by radio for 25 years or more. This does not mean that you must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

THE MICROWAVE SOCIETY

c/o Mr. L.W. Ross G8MWR 81 Ringwood Highway Coventry CV2.2GT

REMOTE IMAGE GROUP

MENDIP REPEATER GROUP



ROYAL AUTOMOBILE ASSOCIATION

ST. JOHN'S AMBULANCE BRIGADE

Don't miss the Book Stall - Longleat Rally Prices include:-

	RSGB Members	Non Members
Amateur Radio Car Sticker	43p	51p
Amateur Radio Operating Manual	£4.99	£5.87
Great Circle DX Map	£1.49	£1.75
HF Antennas for all locations	£5.00	£5.88
741 VI	43p	51p
VHF/UHF Manual (((ap)))	£7.98	£9.39
T 61:	£4.51	_
etc. etc.		
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BRING & BUY CONDITIONS

- Whilst we take reasonable care of your equipment we cannot accept responsibility for its loss or damage.
- We reserve the right to refuse to accept any item offered for display.
- 3. Commission:

Single items up to £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.

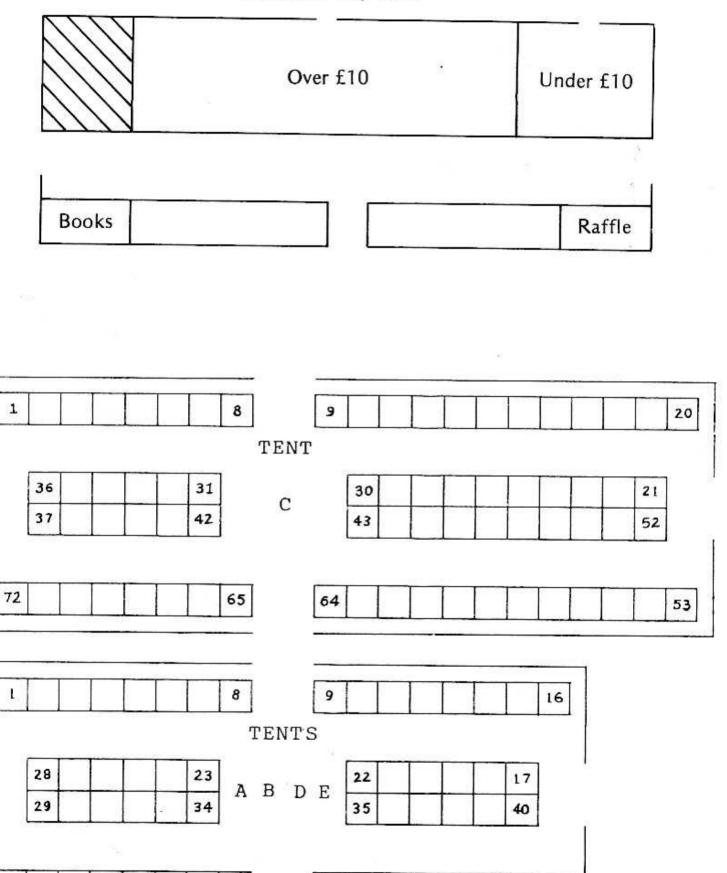
Single items over £10:- Commission of 10% is payable only in the event of a sale.

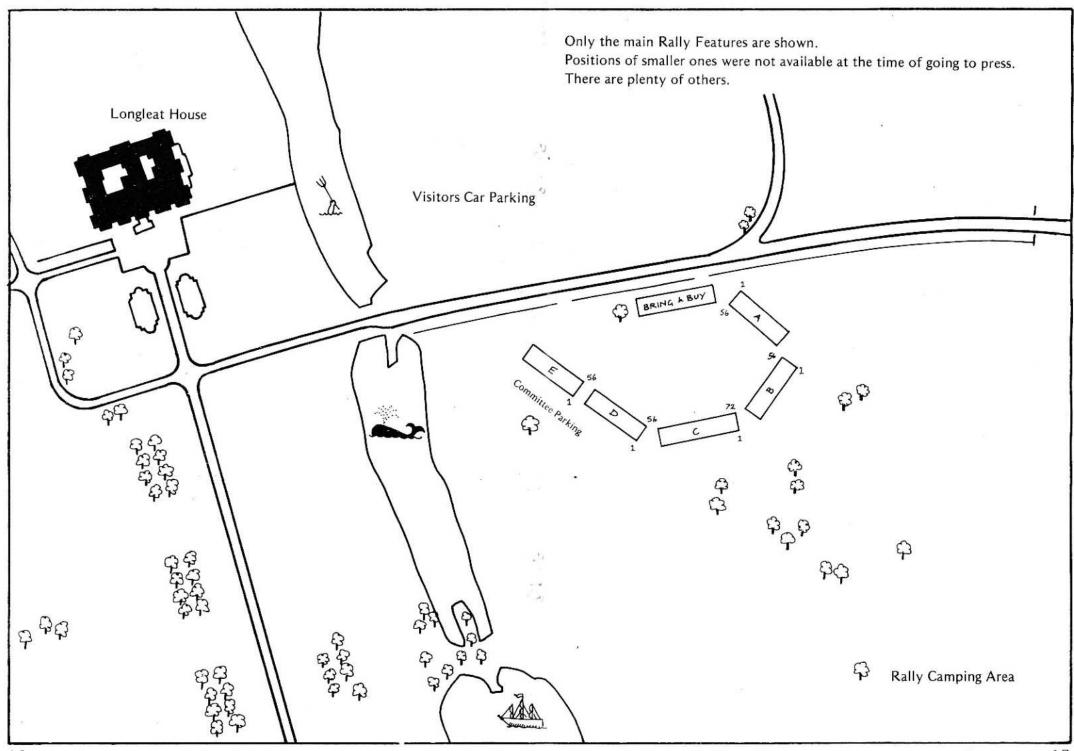
- 4. Before purchasing prospective buyers should examine the item(s) offered and ensure that they are of saleable quality and fit for the intended use.
- All goods and cash must be collected by 5.00

ALL ITEMS FOR SALE MUST BE CLEARLY MARKED WITH THE SELLER'S NAME, CALL SIGN AND FULL ADDRESS

A suitable label is provided on page 29

Bring and Buy Tent



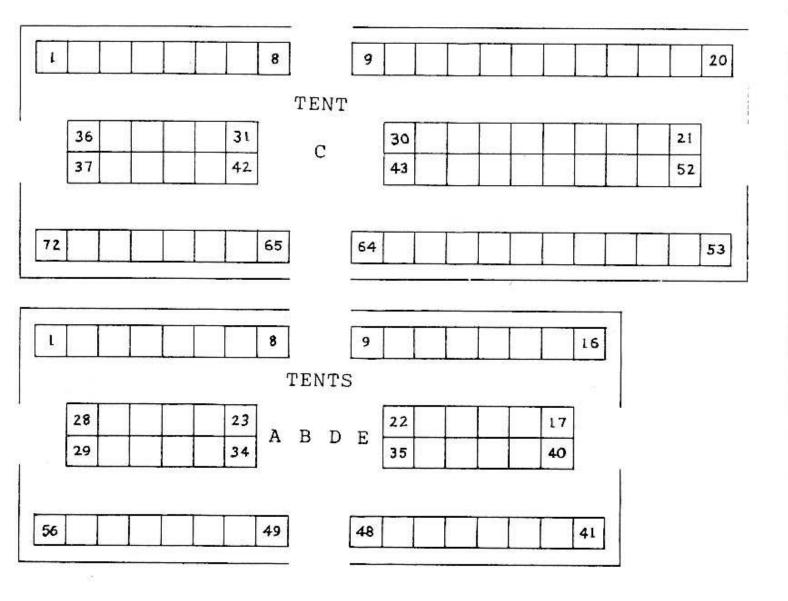


A.Hird	B13
A.Kelly Electronic & Comms	EØ1-Ø2
AElectronics (G4DII)	B29-31
Aerial Systems Horsham	AØ1-Ø3
Amcom Systems	D23-25
Anchor Ltd	E18-22
ARE Communications Ltd	E41-48
Arrow Electronics	BØ9-12
B & J Communications	AØ5-Ø6
B & T Electronics	D55-56
B. Bamber Electronics	D49-54
B. Gordon G4GHP	E24-25
Barenco	A31-34
BARTG	D34
BATC	D26
Booth Holdings	B5Ø-52
Bournemouth Radio Club	EØ3
Brial Services	E26-27
C.D.5	A39-4Ø
CB Shop	B49
Command International Ltd	A15-16
Commonside	E35-36
Computer Junk Shop	C34-38
Display Electronics	B35-4Ø
Dressler (UK) Ltd.	C65-69
East Cornwall Suppliers	E28-29
F. Humphries G8THG	CØ8

Fisher Products	D27-3Ø
G. Simpson	AØ7-Ø8
G.W. Morse Keys	C31-33
G4TNY Amateur Radio	CØ1-Ø4
G8KBQ Components	B17-19
Garex Ltd.	cø5-ø7
Gemini Electronics	DØ9-16
Greens Telecomm	B44-48
Heatherlite	A17-18
J.C. International	B41-43
J.R.Williams	C43
JEP Electronics	E37-38
JMG Electronics	EØ4-Ø8
Linkbrook	A35-38
Lions Publications	AØ4
Lottronies	B32-34
M & B Radio	C59-63
Marco Trading	A27-30
Mendip Repeater Group	E17
Merley Electronic Salvage	BØ1-Ø2
MGR Services	D47-48
Microwave Society	C49
Minicost	C28-30
Morgan Smith	E13-15
Mrs. H. Cook	C45
P.N.P. Communications	C7Ø-72
D Pose	AØ9-1Ø

Patterson G4TJB	E30-31
Poole Logic	C21-24
Practical Wireless	C25-27
Q5 Communications	B2Ø-22
R.A. Kent	A13-14
R. Bagnell	E23
R. White	EØ9-12
Radio Surplus	A55-56
Radiotronics	D35-37
Rallcomm Ltd	E39-4Ø
Rally Maps	C46-48
Reg Ward	D41-46
Remote Imaging Group	E16
Rich Electronics	A49-54
S.G.S. Electronics	BØ3-Ø7
S.T.D. Electronics	D38-4Ø
S.M. Tatham	A11-12
Sandpiper Comms	C50-52
SJC Video	BØ8
SMC	E49-56
Smiths Tools	C44
Spectrum Comms	B14-16
Steinbeck UK Ltd.	A19-22
Stevens Electrical	D31-33
Syon Trading	B53-56
T. Morton G4HZT	E34
T. Wraith	C53-58

Tango Delta Won	E32-33
Tar Aerials & Comms	DØ1-Ø6
Ten Four	C39
Uppington Teleradio	CØ9-2Ø
W.H. Westlake	A23-26
Walters & Stanton	A41-45
Weirmead Ltd	B23-28
Wood & Douglas	D17-2Ø



STOP PRESS:

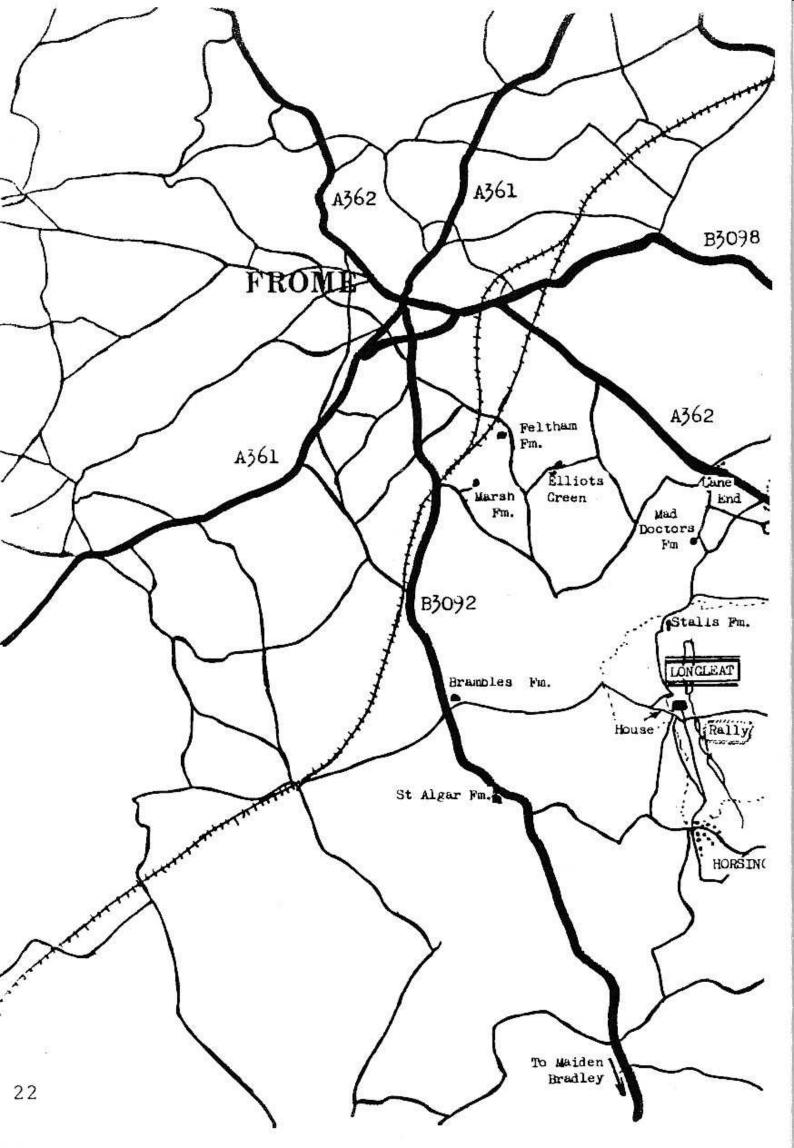
Budget Technology

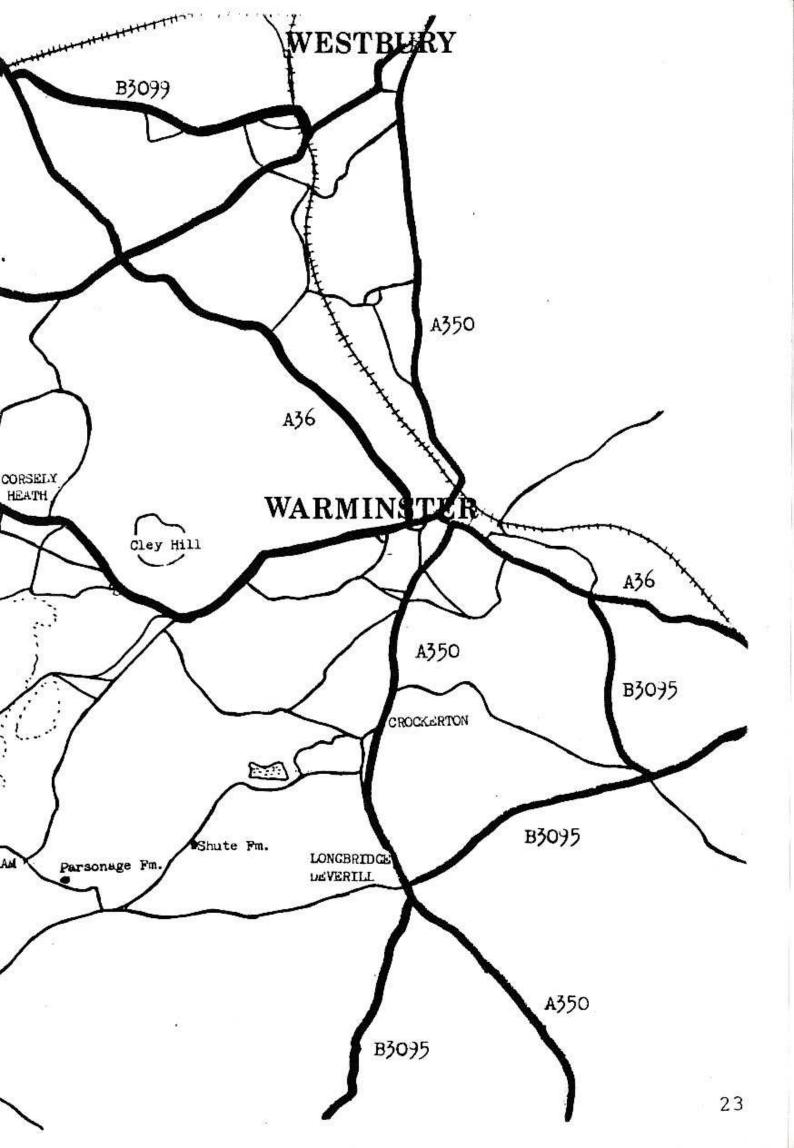
T. James G3VVB

DØ7

DØ8

21





RAYNET

Raynet is open to anyone who is interested and who is willing to make an active commitment.

First and foremost you must be ready and available — within reason — to participate in both emergency and User Service events, and be prepared to devote time to training. By their nature emergencies cannot be planned for, but usually you will know when the group is to participate in an event or exercise well in advance. Raynet's role can, at times be crucial to saving life and limb — but it can also be mundane. You may find yourself basking in glorious sunshine in beautiful scenery — but you may find youself in pouring rain or even snow. In other words, you have to be able to take the rough with the smooth.

Raynet is involved in many different types of operation. While, like any voluntary organisation it needs active, reliable members, you would be free to choose whether or not to take part in any activity. In particular, you would be under no pressure to participate in any activity which might be contrary to your personal beliefs.

Operationally, Raynet is high decentralised, on a county or district level. There are some 200 groups nationally, with some 20 - 30 Raynet members on average, led by their elected Group Controller. Where there is more than one group in a county or Scottish region, a County/Regional Controller will normally have the responsibility for co-ordination and liaison with the User Services. For example:

County Controller
Group Controllers:
Bristol/Kingswood
Wansdyke
Mendip
Woodspring

G3ZKI A.Williams G3VJT F.Smedley G8KKA M.Daniels GØCEW F.Field

G4FRG B Goddard

Raynet Association (Social):

Chairman

G8XIH

Secretary

G8Z0E

Raynet Net Thursday 21.00 local time 144.825 MHz

To join Raynet, contact your local group controlled If you are unable to locate him after local enquiry you can find out by contacting your Raynet Zonal Representative or the Membership Services Department at R.S.G.B. H.Q.



THE BRISTOL ACTIVITY AWARD

The Certificate for this Award is a worthwhile addition to any radio shack. It is awarded to any station in any country which logs a sufficient number of contacts with Bristol stations in postal districts BS1 - BS21 inclusive. Short wave listeners may also apply, subject to confirmation by a referee, or through submission of QSL cards. It is not necessary to be a member of the RSGB.

Four points will be gained for each of the contacts made by radio. For the basic One Star Award, a minimum of 100 points are needed, and endorsements can be subsequently obtained for each additional 100 points. An endorsement can be requested for "Worked All Award Area" if contacts are made with all 21 postal districts.

Bristol stations are asked to inform their contacts of the existence of the Award, and to pass on all relevant information, including postal district and points value for the contact and repeat it on their QSL card.

The Award is designed to promote amateur radio activity in the Bristol area. Each Bristol station may be contacted once only on each band but Portable and Mobile operation will be taken as separate from the base station contact, provided that the Bristol station is still operating within the prescribed postal district.

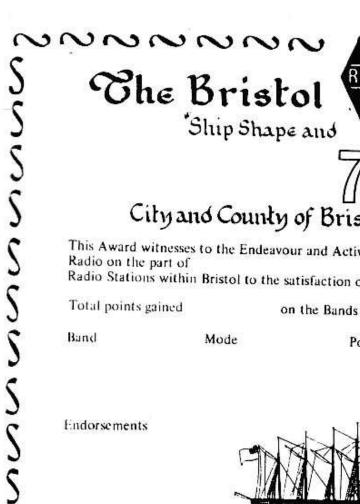
Contact may also be made via repeaters or via satellites. In the case of Special Event Stations, Field Days, or Club Stations within BS1 - BS21, such contacts rate double the usual points allocation.

When 100 (etc) points are known to have been accumulated the log extracts under separate

band headings, must be confirmed by at least one other amateur, and forwarded to the Bristol Activity Award Manager, G3JMY who is QTHR together with the callsign and location of the Applications for endorsements will station. be issued with a new up-dated certificate.

Please note points can be claimed as follows for a contact with a Bristol station:

Other Station	in Bristol	<u>UK</u>	Outside UK
160m to 70m	4	10	10
23cm & 13cm	5	10	50
3cm	25 + 1 p	er Km	





City and County of Bristol Group of the R.S.G.B.

This Award witnesses to the Endeavour and Active Participation in the World-Wide Hobby of Amateur Radio on the part of who established contact with Amateur Radio Stations within Bristol to the satisfaction of the Awards Committee

Total points gained

on the Bands listed

Standard of this Award

Band

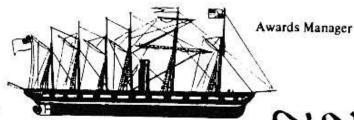
Mode

Points

Witnessed by

Group Chairman

Endorsements



うろろろろろろろう

A very useful page.

is already under improvements p	Bristol RSGB Group's 30th Longleat Mobile r way. If you would like to suggest further please use this slip. You may leave it at the nd it to any of the Committee, listed on page	
CALL	NAME	
ADDRESS		
TEL		
CALL	NAME	
This item i	s in good working order	
	in working order	
	needs attention	
	not workable as offered	

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RALCOMM

High quality products

at sensible prices:

<u>Traps</u> - 3.7 MHz & 7.1 MHz epoxy encapsulated **500** watt rating.

Trap dipole kits - 80 to 10 metres.

G5RV type antennas:

Half size: 40 - 10 metres.

Full size: 80 - 10 metres.

Twice size: 160 - 10 metres.

Coax and twin feed centrepieces.

Baluns - 1:1 & 4:1 for 1.8 to 60 MHz. Comfortably handle 1kW. Fully weatherproof.

50 ohm UR67 and URM76 Coax, 75 ohm and 300 ohm twin.

'U' bolts, ropes, end insulators.

12 and 14 SWG copper and 17/18 SWG insulated antenna wire.

SAVE ON OUR NORMALLY LOW PRICES WITH OUR **SPECIAL RALLY OFFERS. **

LET US SOLVE YOUR ANTENNA PROBLEMS.

COME AND SEE US!



DIDCOT RAILWAY CENTRE

Recreating the golden age of the Great Western Railway.

See the steam trains in an original engine shed, Brunel broad gauge railway, small relics museum, Didcot Halt and much more.

Ride on the steam trains on two demonstration lines on the first and last Sunday each month until October, in August on all Sundays, Wednesdays & Bank Holiday Monday.

Also open each weekend until October and daily from 21 July - 29 August, 11am - 5pm.

Refreshment Room : Souvenir Shop

Entry through Didcot Parkway rail station : travel direct by Inter-City 125.

GREAT WESTERN SOCIETY: DIDCOT: OXFORDSHIRE Enquiries: 0235 817200

BRISTOL R.S.G.B'S

30th LONGLEAT MOBILE RALLY

WILL BE ON

28th JUNE, 1987

Enquiries to Brian Goddard G4FRG

Items for inclusion in the programme to Alan Walker G4UWS



Radio Communications Amateur P.M.R. Marine BRISTOL L



AMATEUR AE LIMITED

12 14 PENNYWELL ROAD, BRISTOL, BS5 0TJ

adio (BRISTOL)

The FT270R/RH is constructed on a unique massive diecast aluminium ducted heatsink which enables significantly larger output powers to be obtained from a transceiver substantially smaller than any similar radio to date. The FT270RH, with fan assisted cooling provides 45W RF output whilst the conventional R version offers 25W. Both FT270R and RH are SPECIAL RALLY PRICE fitted with a "low" power switch which provides around 10% of full

2M & 70cm FULL DUPLEX FT2700RH

The FT2700R, virtually two transceivers in one case, is designed to be the ultimate in convenience, for FM mobile or base station operation, on the 144 and 430MHz bands. Using Yaesu's new one piece die-cast aluminium chassis concept, the FT2700R provides 25 Watts continuous output on either band, for full duplex (or simplex!) operation whilst obtaining optimum circuit shielding and efficient heat dissipation. **45 WATTS OUTPUT** FT270RH

2 Mtrs.

Amateur Antennas

CR23cm

MODEL TB2 TRIBANDER

MBM48/70cm

STOP PRESS!

1985 PRICES HELD on all PSUs. Compare our prices with others. You will be pleased you chose DRAE

DRAE SLOW SCAN



£189 for receive only.

Simple upgrade to full transceive with plug in Tx module (available soon)

Latest design all on a single PTH Glass Fibre PCB.

 Receives European and US standard transmissions. Add a new dimension to your H.F. receiver with a DRAE Slow Scan Television Receiver. Simply connect between any receiver and a standard television or video monitor to watch slow scan pictures from all over the world. Previously the preserve of a devoted few the DRAE SSTV receiver brings Slow Scan within the reach of the average amateur

 Tx Module now avail 	lable	Prices		E &	O	E		Delivery of items despe
VHF WAVEMETER MORSE TUTOR 3 WAY VHF SWITCH (SO239) 3 WAY UHF SWITCH (N Type) 2 Metre Preset ATU	£52.00 £15.40 £19.90	SSTV Receiver 24 A Power Supply 12 A Power Supply 6 A Power Supply 4 A Power Supply SSTV-Transceiver	£189.00 £125.00 £86.50 £63.00 £40.50 £310.00		1	F	26	