

RADIO SOCIETY OF
GREAT BRITAIN
CITY OF BRISTOL GROUP



20th
LONGLEAT MOBILE RALLY
12th June

PROGRAMME OF EVENTS

- 1000 Hrs. RALLY OPENS
- 1200 Hrs. WELCOMING ADDRESS BY
LORD WALLACE OF COSLANY
- 1500 Hrs. ROYAL MARINE RESERVE UNARMED COMBAT TEAM
- 1600 Hrs. DRAW FOR LUCKY PROGRAMME NUMBER
IN RECEPTION TENT. (PRIZE IS 12in. PORTABLE T.V.)
- 1600 Hrs. MAIN RAFFLE PRIZES MAY BE COLLECTED FROM
RECEPTION TENT.
- 1800 Hrs. "BEATING RETREAT" BY THE BAND OF THE ROYAL
SIGNALS ON THE FORECOURT OF LONGLEAT HOUSE.
-

- ☆ Committee members are available at Reception
 - ☆ Members' advertisements (for sale and wanted) are on show in the reception tent. This service is free to all attending.
 - ☆ For toilets, cross the bridge, walk to the House and turn right.
-

Bristol Group Officers:-

- Chairman and Area Rep. R. Sharland G4EHE,
33 High Street,
Wick,
Bristol, BS15 5QJ. Tel. Abson 2725
- Vice-Chairman: G3JMY.
- Hon. Secretary: G4FRG
- Committee: G4BJW, G4EGR, G3SXY, G8GLQ, G8FNR.

I LIKE ICOM

SEE THE NEW RANGE OF
BRILLIANTLY CONCEIVED
TRANSCEIVERS USING
THE LATEST TECHNIQUES

at the

THANET ELECTRONICS STAND

For details by post after the show leave
your callsign on our ansafone after
hours when calls are cheap

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INTERFACE

for all your

QUARTZ DEVICES

- * Stock 2-Metre, frequency standard and clock crystals
- * Made to order crystals 800 Hz - 200 MHz
- * Crystal oscillators, filters and all crystal accessories
- * OEMs - low, low prices for your quantity needs

Special Rally Offers: 100 KHz and 1.0 MHz - £2.25. 2-Metre crystals - £1.70 except 36 & 45 MHz Pye types - £2.25. Clock crystals (2.097152, 3.2768 MHz etc.) - £1.50. 5, 10 & 38.666 MHz - £1.50. Various surplus FT-241s & CR1A/ARs - 70p. These prices include V.A.T.

J. BIRKETT

RADIO COMPONENT SUPPLIERS

25 THE STRAIT, LINCOLN, LN2 1JF

Telephone: 20767

F.M. Tuner Front Ends with FET R.F. Stage with Conversion details to Aircraft Band 2 Metre Band at £3.

50 BC 107-8-9 Transistors. Untested for 57p.

Butterfly Pre-Set Variable Capacitors Spindles can be easily extended, 25 x 25pf at 50p; 25 x 25pf Wide Spaced at 55p; 38 x 38pf at 60p; 38 x 38pf Wide Spaced at 65p.

100 Mullard C280 Polyester Capacitors for 57p.

Silicon Solar Cells 0.5 Volt 5 mA at 35p.

5 Gang Variable Capacitor 250—250—20—20—20pf at 75p.

741 Op-Amps 8 Lead Dil. 5 for £1.

Differential Miniature 10—10pf Variable Capacitor at 22p.

Dual Gate MOS FET's like 40673. at 33p.; 4 for £1.10.

Radio I.C. ZN 414 at £1.

Vari-Cap Diodes Untested 20 for 45p.

VHF Transistors 2N 3866 at 3 for 75p; 2N 3553 at 3 for £1.10.

6GHz Stripline Transistors at £3 each.

X Band Gunn Diodes at £1.65.

200 Assorted Resistors $\frac{1}{4}$, $\frac{1}{8}$ watt for 60p.

G2BAR

Better FM Stereo Reception

With Antiference *mush* Killers

A complete range of masts, chimney and wall mountings, outlet boxes, cables, flyheads and plugs is available, also Receiver Transformers to match 300 ohm aerial inputs on continental FM receivers to 75 ohm coaxial downleads, and Band 2 filters to separate FM signals from combined TV/FM downlead.

UPPINGTON TELE-RADIO (BRISTOL) Ltd.
12-14 PENNYWELL ROAD
BRISTOL 5

ROGER SHARLAND

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Engineering

Manufacturing facilities for
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Camera repairs and maintenance

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Nr. Bristol, BS15 5QJ

Tel: 027-582-2725

City of Bristol Group, RSGB

1977 PROGRAMME

- June 27th Potted Lectures.
July 2 - 3rd VHF NFD
July 25th "Amateur TV." G8FNR,
G8GLQ. G8KGH.
August 21st Bristol Mobile Picnic, Ashton
Court.
August 22nd Home constructed equipment
Sept. 3 - 4th SSB Field Day.
Sept. 26th Brains Trust.
Oct. 31st "Geology of the Bristol Area".
Ian Ford, Brian Hawkins, Geoff
Tonkin, of Bristol University.
Nov. 28th Regional Rep. Gordon Mather
G3GKA.
Dec. 19th Potted Lectures.
Jan. 30th 1978 A.G.M.
-

Booth Holdings Bath

(Incorporating Ham Hire and Rent-a-Rig)

☆ ☆ ☆

BUY or HIRE

VHF or UHF EQUIPMENT

☆ ☆ ☆

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LOWE ELECTRONICS LTD.

119 CAVENDISH ROAD, MATLOCK, DERBYSHIRE

Phone 0629 - 2817 or 2430. Telex 377482

PRESENT PART OF THE GROWING TRIO FAMILY

TS700G

£392.00 inc. VAT

THE TS700G has earned the reputation of being the finest all mode 2 metre transceiver available today. TRIO design and inherent quality are outstanding in this equipment and the TS700G has become the standard by which other transceivers are judged.

Full 2 metre coverage using VFO or crystal control. All modes FM, USB, LSB, CW, AM. Mains or 12v. DC operation. Simplex repeater and reverse repeater use without returning — ask us what that means. 15W.TX output. 0.25 microvolt sensitivity. European standard selectivity. TRIO exclusive tuning fork access generator.

We are often asked "Why is it better than brand X?" There are many reasons, but they all stem from the basic excellence of TRIO design. The transmitter sounds better than all the others because of the high voltage supply to the driver and PA—even when operating from 12 volts. The operator can use repeater or reverse repeater without having to touch the main tuning dial. The tone burst is automatic and operates in the repeater modes only. So many more features but you need to see for yourself. Ask us for details right now, all it costs is 30p in stamps for the full catalogue.

TS520

£432 inc. VAT

THE TS520 is another outstanding example of TRIO design excellence. It produces one of the best sounding signals on the air — just listen for yourself on any band. The TS520 covers all bands 80-10 metres and even 2 metres using the matching TV502 transverter. It has all the features of equipment costing a good deal more at no extra cost—AC/12 volt operation, speech compression, 1kHz readout, VOX calibrator, blower cooled PA using real transmitting valves, 4 function metering etc., etc. A full range of matching units allows you to build up a station which is second to none: VFO 520, SP520, TV502.

Why not send for details today and find out what TRIO design is all about, or just call on us either at Matlock or one of our branches to try out the superb TS520 system for yourself. You are in for a pleasant surprise, particularly when you realise that its nearest competitor is a much older design and costs £100 or so more than the TS520.

TR7200G £175 and now fitted 10 channels.

The TR7200G has set all 2 metre operators talking about its outstanding performance on both transmit and receive. Not only is it the best engineered transceiver on the market, but it's also the most sensitive at 0.3µV for 15dB quieting and has the cleanest transmitted signal both in and out of band (some economy transceivers simply lack the interstage filtering to ensure that the owner is not put off the air by the Home Office). Minimum TX output power of 10 Watts (normally 15W, when mobile) will give you the extra quiet signal into your repeater. The TRIO exclusive tuning fork access tone generator ensures repeater access first time every time even when the inside of the car is at elevated temperatures.

Supplied complete with microphone, mobile mount, power lead and spare fuse, the TR 7200G also has factory fitted crystals for S20, S21, S22, R6 and R7. If ordered at the same time as the rig we will fit three extra channels for £10 inc. VAT (normally £14.40) or six extra channels for £20 inc. VAT (normally £28.80).

TR7010 £175 inc. VAT

Following the worldwide success of the TS700 Trio have taken the TS700 basic design and packaged it for 2 metres SSB mobile use.

The TR7010 sets new standards in receiver sensitivity and low spurious emission on transmit. Operating CW and SSB from 144.1-144.3 MHz, the TR 7010 covers all CW, SSB and beacon activity. 40 5 kHz channels plus VXO and RIT provide continuous coverage. 8 extra channels can be used, without returning, in the range 144-145 MHz by fitting auxiliary crystals.

Single conversion using an IF of 10.7 MHz with a superb crystal filter provides outstanding selectivity. Wide range amplified AGC and newly developed FET devices in RF amplifier and mixer stages allow maximum sensitivity to be used with freedom from overload due to adjacent signals.

Single conversion transmitter with new fully balanced mixer system generates a beautifully clean signal with crisp audio quality.

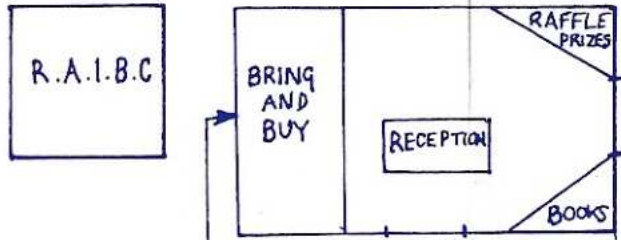
SEE THEM ALL HERE AT LONGLEAT

GROUND PLAN

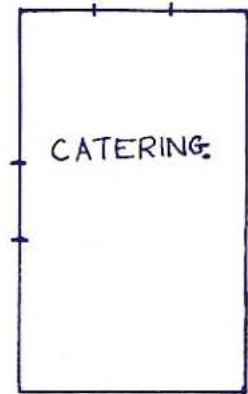
ROYAL
MARINES

ROYAL
SIGNALS

RAF.
80 M
TALK
IN.



BRING & BUY
GOODS IN.

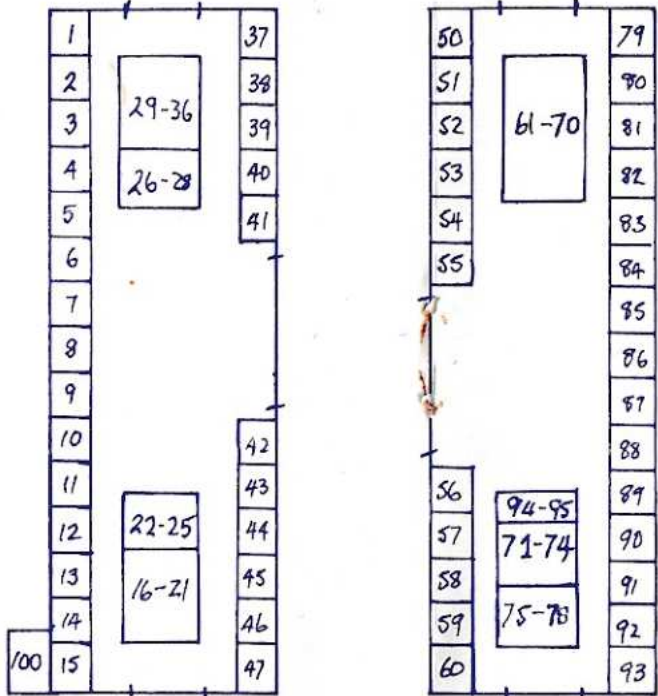


↑ PICNIC AREA ↑

LAKE

ROAD.

→ TO THE HOUSE



List of Traders and Stand Numbers

AArvak	75-78
Booth Holdings	41
J. Birkett	56-60
C&C Electronics	5-6
C. P. Developments	22-25
Greenweld Electronics	29-36
L. F. Hanney	12-15
Hawkins	94-95
Interface Quartz Devices	50-51
JMG Electronics	71-74
Lowe Electronics	61-70
Modular Electronics	1-4
D. G. Phillips	26-28
Q Services	42-44
Brian Sandell	52-53
South Midlands Communications	89-93
Taurus	79-86
Tealectrics	45-47
Thanet	37-40
Tudor Rees	100
V. P. Electronics	54-55
Western Electronics	16-21
W. H. Westlake	7-9

NOT TO SCALE.