

Wireless World

ELECTRONICS, TELEVISION, RADIO, AUDIO

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DECEMBER MEETINGS

Tickets are required for some meetings: readers are advised, therefore, to communicate with the society concerned

LONDON

2nd. I.E.E.—Lecture on "The U.K.3 satellite" by H. J. Sketch at 5.30 at Savoy Place, W.C.2.

2nd. I.E.R.E.—Symposium of short papers on "Special loudspeaker applications" at 6.0 at the London School of Hygiene and Tropical Medicine, Keppel Street, W.C.1.

2nd. B.K.S.—"Audio purposes and problems" by J. Crabbe at 7.30 at the Central Office of Information, Hercules Road, S.E.1.

4th. Television Society—"Television university" by J. Weltman at 7.0 at I.T.A., 70 Brompton Road, S.W.3.

7th. I.E.E.—Colloquium on "Programmed test equipment and techniques" at 10.0 a.m. at Savoy Place, W.C.2.

7th. I.E.E.—"Non-linear circuit theory" by Prof. J. C. West at 5.30 at Savoy Place, W.C.2.

9th. I.E.E.—"Telemetry—the present position and future trends" by R. E. Young at 5.30 at Savoy Place, W.C.2.

9th. I.E.R.E.—Annual general meeting at 6.0 followed by presidential address of Colonel G. W. Raby at 7.0 at the London School of Hygiene and Tropical Medicine, Keppel Street, W.C.1.

9th. B.K.S.—"The measurement of sound levels" a discussion between E. R. Wigan and R. Auger at 7.30 at the Central Office of Information, Hercules Road, S.E.1.

10th. Radar & Electronics Assoc.—"Pay television systems" by K. A. Russell at 7.0 at the Royal Society of Arts, John Adam Street, W.C.2.

10th. Television Society—"Discussion on "Television servicing—is it satisfactory?" at 7.0 at I.T.A., 70 Brompton Road, S.W.3.

15th. I.E.E.—Discussion on "Transistors—the first encounter" opened by V. H. Attree at 5.30 at Savoy Place, W.C.2.

16th. I.E.R.E. & I.E.E.—Discussion on "D.C. defibrillation" opened by J. Spencer at 6.0 at the London School of Hygiene and Tropical Medicine, Keppel Street, W.C.1.

17th. I.E.E.—Colloquium on "Modern techniques for microwave circuit synthesis" at 10.0 a.m. at Savoy Place, W.C.2.

BATH

2nd. I.E.E. & I.E.R.E.—Discussion on "The applications of closed circuit television" opened by V. J. Cooper and F. R. Ely at 6.0 at the S.W.E.B. Offices.

BIRMINGHAM

8th. I.E.E.—"Communications satellite systems" by J. H. H. Merriman and H. C. Husband at 6.30 at the College of Advanced Technology, Gosta Green.

10th. I.E.R.E.—"Computers in biochemical research" by Prof. W. T. Williams at 6.0 at the Electrical Engineering Dept., The University.

10th. Institution of Electronics.—"Loudspeakers and high fidelity reproduction" by K. F. Russell at 7.0 at the College of Advanced Technology, Gosta Green.

BRIGHTON

15th. I.E.R.E.—"Application of telemetry and remote control systems to a water undertaking" by G. Bishop at 6.30 at the College of Technology.

CAMBRIDGE

1st. I.E.E.—"Social aspects of telecommunications" by Prof. E. C. Cherry at 8.0 at the Engineering Laboratory, Trumpington Street.

CARDIFF

9th. I.E.E. & I.E.R.E.—"The industrial applications of digital techniques" by F. Shaw at 6.30 at the Welsh College of Advanced Technology.

CHESTER

14th. I.E.E.—"Radio meteorology" by J. Lane at 6.30 at the Town Hall.

EDINBURGH

8th. I.E.E. & I.E.R.E.—"U.H.F. aerials" by C. F. Whitbread at 6.0 at the Carlton Hotel, North Bridge.

9th. I.E.R.E.—"Transistor audio amplifiers" by P. J. Baxandall at 7.0 at The University, Drummond Street.

GLASGOW

3rd. S.E.R.T.—"Electronic control systems in coal mining" by H. J. Rendall at 7.30 at the McLellan Galleries, Sauchiehall Street.

7th. I.E.E. & I.E.R.E.—"U.H.F. aerials" by C. F. Whitbread at 6.0 at the University of Strathclyde, George Street.

10th. I.E.R.E.—"Transistor audio amplifiers" by P. J. Baxandall at 7.0 at the Institution of Engineers and Shipbuilders, 39 Elmbank Crescent.

HULL

3rd. I.E.E.—"Satellite communications" by F. J. D. Taylor at 6.30 at the Y.E.B. Offices.

IPSWICH

16th. I.E.E.—"Radio-meteorology" by J. Lane at 6.30 at Electric House.

LEEDS

1st. I.E.E.—"Radar—past, present and future" by Prof. P. J. B. Clarricoats at 6.30 in the Electrical Engineering Dept., The University.

2nd. I.E.R.E.—"Computer input/output equipment" by M. P. Circuit at 6.30 in the Electrical Engineering Dept., The University.

9th. S.E.R.T.—"Valve voltmeters" by A. Smith at 7.30 at the Branch College of Engineering, Cookridge Street.

LEICESTER

9th. I.E.R.E.—"Survey of radio astronomy" by J. Heywood at 6.30 at The University.

LIVERPOOL

7th. I.E.E.—"Computers in control of processes—the coming revolution in industry" by Dr. D. N. Truscott at 6.30 at the Royal Institution, Colquitt Street.

16th. I.E.R.E.—"Medical electronics" by W. H. Wilkes at 7.30 at the Walker Art Gallery.

LOUGHBOROUGH

15th. I.E.E.—"Automatic satellite tracking telescope" by P. N. Prior at 6.30 at Edward Herbert Building, College of Technology.

MALVERN

17th. I.E.R.E.—"Small high-fidelity loudspeaker systems" by K. F. Russell at 7.0 at the Winter Gardens.

MANCHESTER

10th. I.E.R.E.—"Applied electronics in medicine" by J. F. Cordell at 6.0 at the Renold Building, College of Science and Technology.

NEWCASTLE-UPON-TYNE

9th. I.E.R.E.—"Instrumentation for ultrasonic diagnosis and surgery" by Dr. D. Gordon at 6.0 at the Institute of Mining and Mechanical Engineers, Westgate Road.

SHEFFIELD

9th. I.E.E.—Discussion on "Machines that teach" opened by K. Hollings at 6.30 at The University.

SOUTHAMPTON

1st. I.E.R.E.—"Modern memory systems" by W. Renwick at 6.30 at the Lanchester Theatre of The University.

18th. Institution of Electronics—"Recent developments in printed circuit techniques" by W. H. Tanser at 7.0 at the Southern Counties Building and Design Centre, 18-20 Cumberland Place.

WEYMOUTH

3rd. I.E.E.—"Electrical synthesis of music" by A. Douglas at 6.30 at the South Dorset Technical College.

CLUB NEWS

Derby.—The December meetings of the Derby & District Amateur Radio Society will include a constructors' contest for the Founder Members' Trophy (9th), an open evening for junior members (16th) and, on the 30th, the year's activities will be reviewed. Meetings are held at 7.30 in Room No. 4, 119 Green Lane.

Melton Mowbray.—"The use of test gear" is the title of the talk to be given by L. Fisher (G4MK) and D. Fisher to members of the Melton Mowbray Amateur Radio Society on December 31st. Monthly meetings of the Society are held at 7.30 in St. John Ambulance Hall, Asfordby Hill.

Wellingborough.—Radio control of models will be discussed at the December 3rd meeting of the Wellingborough Radio Club which meets every Thursday at 7.45 at Silver Street Club Room.

GENERAL INDEX

In addition to this alphabetical General Index there is a Classified Index starting on page 4 with headings for Audio, Circuits (Design), Communications (including Broadcasting), Construction, Electronics (Control, Medical, Navigational Radar, Radio Astronomy etc.), Exhibitions and Conferences, Industrial News, Letters to the Editor, Manufacturers' Products, Measurement, Organization and Television.

Industrial News and Manufacturers' Products appear only in the Classified Index.

The Index to Authors appears on page 7.

A.C. Millivoltmeter, *Wireless World*, 264 June
 Acc High N.A.T.O. Network, 22 Jan.
 Acoustic Noise Measurement and Analysis
 W. V. Richings, 51 Jan. (*Correction*
 82 Feb.)
 Aerial, U.H.F. Loft, N. W. Brown, 10 Jan.
 Aerospace Telemetry, 28 Jan.
 Agard Radar Symposium, 628 Dec.
 Alouette Satellite, 419 Aug.
 Amateur 'Phone Licence, 393 Aug.
 — Television DX Record, 576 Nov.
 Amplifier, Direct-coupled Transistor, M.
 Bronzite, 153 Mar.
 —, Tape Recording, G. P. Hobbs, 47 Jan.
 Amplifiers, Linear Pulse, T. D. Towers,
 74 Feb.
 —, Transistor R.F. Power, M. V. Bond,
 595 Dec.
 Any More For The Sky Lark, "Vector", 516
 Oct.
 Aerial II Experiments, 233 May
 ART Colour System, 307 June
 Automatic Error Correction, P. R. Keller,
 62 Feb., 118 Mar. (*Letters* 296 June)

BBC-2 Fill-in Stations, 135 Mar.
 Balanced Diode Video Attenuator, J. P.
 Bénéteau and G. M. Riva, 606 Dec.
 Battery Symposium, 580 Nov.
 Blocking Oscillators, T. D. Towers, 463 Sept.
 Bode Fillet, The, Thomas Roddam, 101 Feb.
BOOKS RECEIVED, 9 Jan., 66 Feb., 140
 Mar., 218 May, 297 June, 414 Aug.,
 462 Sept., 539 Oct.
 Bridge Source and Detector, F. Butler, 318
 June
 British Acoustical Society? 181 Apr.

C.R.T. for Character Generator, 298 June
 "CATHODE RAY" ARTICLES:
 E.M.F., 343 July, 415 Aug.
 Coherence, 563 Nov.
 No Hiding Place [from the Law
 (Lenz's)] 147 Mar.
 Thévenin and Norton, 35 Jan.
 (*Letters* 295 June, 502 Nov.)
 Cathode Ray Multiplexer, 133 Mar.
 —, Reflectors, P. Visontai, 408 Aug.
 (*Letter* 525 Oct.)
CLUB NEWS, 82 Feb., 121 Mar., 180 Apr.,
 259 May, 324 June, 517 Oct., 554
 Nov., 642 Dec.
 Code in the Head, Thomas Roddam, 309
 June
 Colour TV Demonstrations in London, 575
 Nov.
 —, Test Fabrics, 133 Mar.
COMMERCIAL LITERATURE: 46 Jan.,
 80 Feb., 146 Mar., 207 Apr., 251
 May, 312 June, 359 July, 402 Aug.,
 459 Sept., 512 Oct., 559 Nov., 639
 Dec.
 Congress on Microwave Tubes, 567 Nov.
 Constant Luminance, L. Macwhirter, 544
 Nov.
 Counter/Timers, T. D. Towers, 569 Nov.
 Crossword for Numerates, A. J. Key, 257
 May

DELAY Line, 178 Apr.
 Direct-coupled Transistor Amplifier, M.
 Bronzite, 153 Mar.
 Direct-reading (Capacitance Meter, D. F.
 Bailey, 204 Apr. (*Letter* 491 Aug.)

EDITORIALS:
 Communications and/or Electronics,
 593 Dec.
 Earls Court in Retrospect, 479 Oct.
 Electronics and Radio, 159 Apr.
 He That Hath Ears 159 Apr.
 Hi Fi by Numbers, 1 Jan.
 I.E.A., R. & D., S. & E., 263 June
 Illegal Broadcasting, 211 May
 In Search of Value, 109 Mar.
 Physics Trade, The, 61 Feb.

Playing on the Room, 263 June
 Return to Earls Court, 423 Sept.
 Signal Processing, 373 Aug.
 Societies for Technicians, 325 July
 Why Lasers?, 543 Nov.
 Electronics at Farnborough, 513 Oct.
 — Industry Council Dissolved, 347 July
 Electrothermal Recording, 590 Nov.
 Elements of Transistor Pulse Circuits,
 T. D. Towers:
 Blocking Oscillators, 463 Sept.
 Counter/Timers (Frequency Meters),
 569 Nov.
 Eccles-Jordan Bistable Multivibra-
 tors, 242 May
 Gates, 534 Oct.,
 Linear Pulse Amplifiers, 74 Feb.
 "Pumps" and "Schmitts", 403 Aug.
 The Pulse Circuit Family, 2 Jan.
 Timebases (Sweep Generators), 634
 Dec.
 Transistor Astable Multivibrators,
 128 Mar.
 Transistor Monostable Multivibrators,
 199 Apr.
 Waveform Shaping, 351 July
 Energy Bands, Thomas Roddam, 360 July
 Error Correction, Automatic, P. R. Keller,
 62 Feb., 118 Mar. (*Letters* 296 June)

F.M. Tuner, *Wireless World* Crystal-con-
 trolled Transistor, 326 July (*Correc-
 tion* 392 Aug.)
 First Pay-Television Licence, 449 Sept.
 — Television Picture Direct from Japan,
 234 May
 Fourth International Battery Symposium,
 580 Nov.

GATES, T. D. Towers, 534 Oct.
 Glass Fibre Microwave Aerial, 298 June
 Goonhilly Downs New Aerial, 348 July
 Graphical Aids to Noise Figure Measurement,
 M. D. Wood, 258 May
 Groove Deformation in Gramophone Records,
 D. A. Barlow, 160 Apr. (*Letters*
 247 May)

H.F. PREDICTIONS: 38 Jan., 105 Feb.,
 152 Mar., 203 Apr., 222 May, 321
 June, 363 July, 381 Aug., 448 Sept.,
 529 Oct., 586 Nov., 633 Dec.
 Hanover Fair Report, 275 June
 High-speed Facsimile, 178 Apr.
 Honours, New Year, 86 Feb.; Birthday,
 350 July

I.E.A. Exhibition, Guide, 278 June; Report,
 334 July
 I.L.S. Monitoring, 133 Mar. (*Correction* 178
 Apr.)
 I.T.A./B.B.C. Co-operation in Engineering
 and Research, 621 Dec.
 Ici on Parle le Doubletalk, "Vector", 447
 Sept.
 Infra-Red Circuit Fault Detection, 590 Nov.
 Institution of Electrical and Electronics
 Technician Engineers to be formed,
 393 Aug.
 Interference from Medical Apparatus, 22 Jan.
 Intermodulation Distortion Measurement,
 D.E.O.N. Waddington, 271 June
 (*Letters* 398, Aug., 461 Sept., 525
 Oct.)
 International Audio Festival and Fair,
 Preview 167 Apr.; Report 239 May
 — Conference on Magnetic Recording,
 413 Aug.
 — Radio Communications Exhibition, List
 of Exhibitors 502 Oct.; Report 610
 Dec.

JODRELL Bank 125-ft Radiotelescope,
 347 July

LASER Development (Guided Beams) 590
 Nov.

Light-emitting Diode, The, A. J. Goss and
 A. E. Sarson, 377 Aug. (*Letter* 460
 Sept.)
 Logarithmic Aerial for Bands IV and V,
 M. F. Radford, 424 Sept., 526 Oct.
 Logic Design Kit, 252 May

MAGNETIC Recording Conference, 413
 Aug.
 — Head (Multi-track), 178 Apr.
MANUFACTURERS' PRODUCTS: 29 Jan.,
 95 Feb., 122 Mar., 173 Apr., 223 May,
 313 June, 364 July, 384 Aug., 471
 Sept., 529 Oct., 587 Nov., 601 Dec.

Medical Computing, 133 Mar.
 — Telemetry, 252 May
 Megajoule CLR Circuit, 382 Aug.
 Micro-oxide Transistor, 298 June
 Metal-meteorite Detector, 252 May
 Microwave Levitation, 620 Dec.
 — Techniques, K. E. Hancock: Past,
 Present, and Future, 374 Aug.;
 Theory, 428 Sept.; Power Sources, 507
 Oct.; Components and Instruments,
 549 Nov.; Measurements, 629 Dec.
 — Tubes Congress, 367 Nov.
 Millivoltmeter, *Wireless World* A.C., 264 June
 Mobile Radio Channel Spacing, 483 Oct.
 Multivibrators, Astable Transistor, T. D.
 Towers, 128 Mar.
 —, Eccles-Jordan Bistable, T. D. Towers,
 242 May
 —, Monostable Transistor, T. D. Towers,
 199 Apr.

NATIONAL Electronics Research Council,
 449 Sept.
 — TV & Radio Show, Guide, 438 Sept.;
 Review, 484 Oct.

NEWS FROM INDUSTRY: 26 Jan.,
 85 Feb., 138 Mar., 185 Apr., 237 May,
 322 June, 370 July, 420 Aug., 476
 Sept., 540 Oct., 578 Nov., 640 Dec.

OBITUARY: Admiral P. W. B. Brooking,
 506 Oct.; A. F. R. Cotton, 506 Oct.;
 G. Darinley-Smith, 236 May; H. M.
 Dowsett, 137 Mar.; M. Eastham,
 350 July; R. J. Kemp, 25 Jan.;
 D. N. H. Lambert, 84 Feb.; H. D.
 Law, 396 Aug.; T. P. Lynott, 302
 June; A. McVie, 236 May; Sir Reginald
 Payne-Galwey, 84 Feb.; S. F.
 Pearce 25 Jan.; P. Perring-Thomas,
 452 Sept.; G. T. Symington, 452
 Sept.; N. P. Vineer-Minter ("Free
 Grid"), 184 Apr., *Tributes* 262 May;
 H. C. Willson, 396 Aug.; Dr. A. B.
 Wood, 452 Sept.

Outside Earls Court, 492 Oct.
 Oscilloscope, *Wireless World*: Calibration,
 67 Feb. (*Letters* 72 Feb.); Wide-band
 Y Amplifier, 113 Mar., 196 Apr.;
 Alternative E.H.T. Unit, 480 Oct.

PARAMETRIC Frequency Dividers, F.
 Butler, 43 Jan.
 Paris Components Show 1964, 141 Mar.
PERSONALITIES: 24 Jan., 83 Feb., 136
 Mar., 183 Apr., 235 May, 301 June,
 349 July, 395 Aug., 451 Sept., 505,
 Oct., 577 Nov., 622 Dec.
 Physical Society Exhibition, Guide, 12 Jan.;
 Review 89 Feb.
 Pickup Arm Problems, J. K. Murray, 179
 Apr. (*Letters* 250 May)
 Point-to-Point Review—1963, P. A. C.
 Morris, 87 Feb.
 Post Office Research Station to Move, 450
 Sept.
 — Tower and its Radio Links, 609 Dec.
 Public Address Show, List of Exhibitors
 145 Mar.; Report 190 Apr.
 Pulse Circuit Family, T. D. Towers, 2 Jan.
 "Pumps" and "Schmitts," T. D. Towers,
 403 Aug.

R.T.R.A. Conference, 274 June
Radar Trap Detectors Illegal, 23 Jan.
"Rear Window" C.R.T., 252 May
Receiving Licences, 135 Mar., 300 June,
450 Sept., 622 Dec.
RECENT TECHNICAL DEVELOPMENTS:
133 Mar., 178 Apr., 252 May, 298
June, 590 Nov.
Reciprocal Amateur Licensing, 394 Aug.
Remanent Magnetic Alloy, 178 Apr.
Remote Display Unit, B. W. Hicks, 427 Sept.

"S" Correction, F. D. Bate, 219 May
Self-healing Conductors, 133 Mar.
Sensitive Storage Camera Tube, 298 June
Sine Waves, Thomas Roddam, 390 Aug.
Single-channel Transistor F.S.K. Oscillator,
R.B.C. Copsy, 613 Dec.
Society of Electronic and Radio Technicians
Formed, 347 July
Space Communications Agreement, 449 Sept.
Stroboscope, Simple Electronic, J. D. Pye,
335 July
Subscription Television, 42 Jan.
—; British Telemeter Plans, 347 July
Syncom III, 393 Aug.

TAPE Recording Amplifier, G. P. Hobbs,
47 Jan.
Televising the Olympic Games, 575 Nov.

Television Distribution by Wire, R. I.
Kinross, 495 Oct., 555 Nov.
— Picture Black Level, P. L. Mothersole,
212 May
— Service Areas, O. M. Murray, 191 Apr.
— Society's first Geoffrey Parr Award,
299 June
Test Cards "D" and "E," 233 May
Thames Navigational Service, 217 May
Timebases, T. D. Towers, 634 Dec.
Transistor Assembly, 298 June
— Audio-frequency Phasemeter, F. Butler,
453 Sept.
— Car Ignition System, J. H. Willis,
151 Mar. (*Letters* 187 Apr.)
— Circuit Design, Practical, G. P. Hobbs,
433 Sept., 518 Oct., 581 Nov., 624 Dec.
— "h" Parameters, D. N. Tilsley, 229
May
— R.F. Power Amplifiers, M. V. Bond,
595 Dec.
— Tester, M. F. Sizmur, 253 May (*Letters*
524 Oct.)
— with 10^{12} ohm Input Resistance, 590
Nov.
Triode Laser, 133 Mar.
Tunnel Diode Frequency Divider, A. T.
Bayliss, 303 June

U.H.F. Loft Aerial, N. W. Brown, 10 Jan.
— Oscillator, R. H. Bradsell and M. Grimshaw,
305 June (Transistor version,
Letter to Editor, 400 Aug.)
— Phone-only Licences for Amateurs,
82 Jan.
— Ultrasonic Transducers, 252 May
UNBIASED, "Free Grid," 60 Jan., 108 Feb.,
158 Mar., 208 Apr. (*Obituary*, 184 Apr.,
Tributes, 262 May)
Unijunction Transistor, H. R. Henly,
110 Mar.

WVW Propagation Forecasts, 181 Apr.
Walkie Talkies, G.P.O. Statement, 247 May
Waveform Shaping, T. D. Towers, 351 July
Weather Satellite Developments, C. E.
Goodison, 411 Aug.
What do Meters Measure?, 132 Mar.
Wireless World A.C. Millivoltmeter, 264 June
— Crystal-controlled F.M. Tuner,
326 July (*Correction*, 392 Aug.)
— Oscilloscope: Calibration, 67 Feb.
(*Letters*, 72 Feb.); Wide-band Y
Amplifier, 113 Mar., 196 Apr.; Altern-
ative E.H.T. Unit, 480 Oct.

WORLD OF WIRELESS: 22 Jan., 81 Feb.,
134 Mar., 181 Apr., 233 May, 299 June,
347 July, 393 Aug., 449 Sept., 503
Oct., 575 Nov., 621 Dec.

CLASSIFIED INDEX

AUDIO

Acoustic Noise Measurement and Analysis,
W. V. Richings, 51 Jan. (*Correction*,
82 Feb.)
Code in the Head, Thomas Roddam, 309 June
Groove Deformation in Gramophone Records,
D. A. Barlow, 160 Apr. (*Letters*, 247
May)
International Audio Festival and Fair, Pre-
view, 167 Apr.; Report, 239 May
Magnetic Recording Conference, 413 Aug.
Pickup Arm Problems, J. K. Murray, 179
Apr. (*Letters*, 250 May)
Tape Recording Amplifier, G. P. Hobbs,
47 Jan.
Transistor Audio-Frequency Phasemeter, F.
Butler, 453 Sept.

CIRCUITS (DESIGN)

Cathode Rejectors, P. Visontal, 408 Aug.
(*Letter*, 525 Oct.)
Balanced Diode Video Attenuator, J. P.
Bénéteau and G. M. Riva, 606 Dec.
Bridge Source and Detector, F. Butler,
318 June
Direct-coupled Transistor Amplifier, M.
Bronzite, 153 Mar.
Elements of Transistor Pulse Circuits, T. D.
Towers:
Blocking Oscillators, 463 Sept.
Counter/Timers (Frequency Meters),
569 Nov.
Eccles-Jordan Bistable Multivibrators,
242 May
Gates, 534 Oct.
Linear Pulse Amplifiers, 74 Feb.
"Pumps" and "Schmitts," 403 Aug.
The Pulse Circuit Family, 2 Jan.
Timebases (Sweep Generators), 634
Dec.
Transistor Astable Multivibrators, 128
Mar.
Transistor Monostable Multivibrators,
199 Apr.
Waveform Shaping, 351 July
Logic Design Kit, 232 May
Microwave Techniques, K. E. Hancock: Past,
Present and Future, 374 Aug.;
Theory, 428 Sept.; Power Sources,
507 Oct.; Components and Instru-
ments, 549 Nov.; Measurements, 629
Dec.
Parametric Frequency Dividers, F. Butler,
43 Jan.
Sine Waves, Thomas Roddam, 390 Aug.
Single-channel Transistor F.S.K. Oscillator,
R. B. C. Copsy, 613 Dec.
Tape Recording Amplifier, G. P. Hobbs,
47 Jan.
Transistor Audio-Frequency Phasemeter, F.
Butler, 453 Sept.

Transistor Circuit Design, Practical, G. P.
Hobbs, 433 Sept., 518 Oct., 581
Nov., 624 Dec.
— R.F. Power Amplifiers, M. V. Bond,
595 Dec.
Tunnel Diode Frequency Divider, A. T.
Bayliss, 303 June

COMMUNICATIONS

Ace High N.A.T.O. Network, 22 Jan.
Aerospace Telemetry, 28 Jan.
Alouette Satellite, 419 Aug.
Automatic Error Correction, P. R. Keller,
62 Feb., 118 Mar. (*Letters*, 296 June)
Goonhilly Downs New Aerial, 348 July
High-speed Facsimile, 178 Apr.
International Radio Communications Exhi-
bition, List of Exhibitors, 502 Oct.;
Report 610 Dec.
Logarithmic Aerial for Bands IV and V,
M. F. Radford, 424 Sept., 526 Oct.
Medical Telemetry, 252 May
Mobile Radio Channel Spacing, 483 Oct.
Point-to-Point Review—1963, P. A. C.
Morris, 87 Feb.
Post Office Tower and its Radio Links, 609
Dec.
Single-channel Transistor F.S.K. Oscillator,
R. B. C. Copsy, 613 Dec.
Syncom III, 393 Aug.
Television Distribution by Wire, R. I. Kin-
ross, 495 Oct., 555 Nov.
— Service Areas, O. M. Murray, 191 Apr.
Thames Navigational Service, 217 May
WVW Propagation Forecasts, 181 Apr.
Walkie Talkies, G.P.O. Statement, 247 May
Weather Satellite Developments, C. E.
Goodison, 411 Aug.

CONSTRUCTION

A.C. Millivoltmeter, *Wireless World*, 264 June
Direct-reading Capacitance Meter, D. P.
Bailey, 204 Apr. (*Letter* 401 Aug.)
F.M. Tuner, *Wireless World* Crystal-con-
trolled Transistor, 326 July, (*Correc-
tion* 392 Aug.)
Logarithmic Aerial for Bands IV and V,
M. F. Radford, 424 Sept., 526 Oct.
Oscilloscope, *Wireless World*: Calibration,
67 Feb. (*Letters* 72 Feb.); Wide-band
Y Amplifier, 113 Mar., 196 Apr.;
Alternative E.H.T. Unit, 480 Oct.
Pickup Arm Problems, J. K. Murray, 179
Apr. (*Letters* 250 May)
Transistor Tester, M. F. Sizmur, 253 May
(*Letters* 524 Oct.)
U.H.F. Loft Aerial, N. W. Brown, 10 Jan.
— Oscillator, R. H. Bradsell and M.
Grimshaw, 305 June, (Transistor
Version, *Letter to Editor*, 400 Aug.)

ELECTRONICS

Agard Radar Symposium, 628 Dec.
Alouette Satellite, 419 Aug.
C.R.T. for Character Generator, 298 June
Cathode Ray Multiplexer, 133 Mar.
Electronics at Farnborough, 513 Oct.
Electrothermal Recording, 590 Nov.
Glass Fibre Microwave Aerial, 298 June
I.L.S. Monitoring, 133 Mar. (*Correction* 178
Apr.)
Jodrell Bank 125ft Radiotelescope, 347 July
Laser Development (Guided Beams), 590
Nov.
Light-emitting Diode, A. J. Goss and A. E.
Sarson, 377 Aug. (*Letter* 460 Sept.)
Magnetic Recording Head (Multi-track), 178
Apr.
Medical Computing, 133 Mar.
Megajoule C.I.R. Circuit, 382 Aug.
Metal-Oxide Transistor, 298 June
"Rear Window" C.R.T., 252 May
Self-healing Conductors, 133 Mar.
Sensitive Storage Camera Tube, 298 June
Stroboscope, Simple Electronic, J. D. Pye,
335 July
Thames Navigational Service, 217 May
Transistor Assembly, 298 June
— Car Ignition System, J. H. Willis, 151
Mar. (*Letters* 187 Apr.)
— h Parameters, D. N. Tilsley, 229 May
— with 10^{12} ohm Input Resistance, 590
Nov.
Triode Laser, 133 Mar.
U.H.F. Ultrasonic Transducers, 252 May
Unijunction Transistor, H. R. Henly, 110 Mar.
Weather Satellite Developments, C. E.
Goodison, 411 Aug.

EXHIBITIONS AND CONFERENCES

Agard Radar Symposium, 628 Dec.
Audio Festival and Fair, Preview, 167 Apr.;
Report, 239 May
Battery Symposium, Fourth International,
580 Nov.
Electronics at Farnborough, 513 Oct.
Hanover Fair Report, 275 June
I.E.A. Exhibition, Guide, 278 June; Report,
334 July
Magnetic Recording Conference, 413 Aug.
Microwave Tubes Congress, 567 Nov.
National I.V. & Radio Show, Guide, 438 Sept.;
Review, 484 Oct.
Outside Earls Court, 492 Oct.
Paris Components Show, 141 Mar.
Physical Society Exhibition, Guide 12 Jan;
Review, 89 Feb.
Public Address Show, List of Exhibitors,
145 Mar.; Report, 190 Apr.
R.T.R.A. Conference, 274 June
Radio Communications Exhibition, List of
Exhibitors, 502 Oct.; Report, 610 Dec

INDUSTRIAL NEWS

Aero Electronics (Crystals) formed, 578 Nov.
Antiference Installations acquired by British Relay, 139 Mar.
Balance of Trade for 1963, 134 Mar.
Beme Telecommunications becomes Derritron Communications, 578 Nov.
Cirtech acquired by Livingston Group, 322 June
Continental Connectors acquired by Ultra Electronics, 237 May
Cybernetic Developments acquired by A.P.T. Electronic Industries, 322 June
Ducon Industries (Australia) acquired by Plessey, 26 Jan.
English Electric-Leo-Marconi Computers formed, 578 Nov.
Ether Controls acquired by Pye, 420 Aug.
General Radio Company (U.K.) formed, 324 June
Import-Export Figures, 134 Mar.
M.E.L. Equipment Co. formed by merger of Mullard Equipment and Research & Control, 237 May
Nottingham Electronic Valve Co. in liquidation, 541 Oct.
Oddie Fasteners acquired by Ross, Courtney & Co., 139 Mar.
Television Set Production, 186 Apr. (1961-63 Graph), 370 July
Zonal Film (Magnetic Coatings) acquired by Telford Group, 322 June

LETTERS TO THE EDITOR

Automatic Error Correction, R. A. Julbb, P. R. Keller, 296 June
B.B.C. Transmission Fidelity, C. V. R. Hodgson, L. W. Turner, 39 Jan.; E. Jeffery, 249 May
Band II Sound Reproduction, F. Broadbent, A. H. Uden, 189 Apr.
Black-level Correction Circuits, J. D. Middleton, P. L. Mothersole, 357 July, 397 Aug.; F. H. Beaumont, K. Cummins, 398 Aug.
Blocking Oscillators, R. O. Ridley, 619 Dec.
Bridge Oscillator, J. P. Crean, 73 Feb.; Thomas Roddam, 145 Mar.
Colour Television Systems, I. Macwhirter, 40 Jan.; M. Cox, 72 Feb.
Demonstrating A.C. Theory, M. D. Armitage, 41 Jan.
Direct-reading Capacitance Meter, R. H. Monro, 401 Aug.
Direct-voltage Trigger Circuit, H. R. Henly, 40 Jan.
Double Negative, O. Stürzinger, "Vector," 562 Nov.
Elements of Transistor Pulse Circuits, P. G. M. Dawe, D. R. Bilston, D. J. Dewhurst, T. D. Towers, 617, 618 Dec.
Frequency Meter, C. J. Mills, 296 June
Generating Low Frequencies, A. Garratt, 73 Feb.
Groove Deformation in Gramophone Records, J. Walton, L. Streetfield, D. A. Barlow, 247 May
Hi Fi by Numbers, G. A. Briggs, J. D. A. Boyd, J. Neate, E. W. Royston, 71 Feb.; L. E. Smith, W. E. Gardner, 72 Feb.; P. R. Harwood, D. A. Watson, H. B. Thompson, 144 Mar.
Inter-carrier Interference, S. N. Gall, 525 Oct.
Intermodulation Distortion, J. Somerset-Murray, D. E. O'N. Waddington, 398 Aug., 461 Sept., 525 Oct.
Laser Action, Amarnath Chakravarty, 41 Jan.
Light-beam Modulation, H. R. Beastall, 460 Sept.
Logic Symbols, R. B. Green, E. Keating, T. D. Towers, 617 Dec.
Long-distance Reception on Band IV, I. C. Beckett, 40 Jan.
Loudspeaker Polarity, A. M. Wooller, A. Thorley, J. T. Boys, 297 June; G. F. Johnson, 359 July; K. C. Johnson, H. Oliver, 399 Aug.; F. B. Johnson, 523 Oct.
Momentous Error, B. R. Blackford, 525 Oct.
Optical Analogue, P. W. Hawkes, 461 Sept.
Photographic Analogue, P. C. Smethurst, 402 Aug.; P. W. Hawkes, 461 Sept.
Practical Transistor Circuit Design, M. Tiley, G. P. Hobbs, 619 Dec.
Principles of Presbyopia, M. C. Martin, 145 Mar.
Pulse-counter F.M. Receivers, P. J. Baxandall, 560 Nov.
Qualifying Quality, W. Grant, 188 Apr.
Thermostatic Pickup Control, S. D. Smith, 189 Apr.

Thévenin and Norton, H. E. Stockman, 296 June; J. Alshuler, 562 Nov.
Thyristor Oscillator, J. Slomkowski, 502 Nov.
Torsion-wire Pickup Arm Suspension, J. Bickerstaffe, J. K. Murray, 250 May.
Transistor Car Ignition Systems, R. W. Townsend, P. W. Tomlinson, A. Gurviz, J. H. Willis, 187 Apr.
— F.M. Tuner, P. J. Baxandall, 460 Sept.; J. G. Spencer, 523 Oct.; P. J. Baxandall, 560 Nov.
— Tester, P. E. K. Donaldson, D. Griffin, T. Holland, F. M. Sizmur, 524 Oct.
— U.H.F. Oscillator, R. H. Bradsell and M. Grimshaw, 400 Aug.
Trigger Circuit Design, D. R. Bilston, 560 Nov.
W.W. Oscilloscope, P. E. K. Donaldson, D. P. Griffin, 72 Feb.
Walkie Talkies, W. K. Stevenson, (also G.P.O. statement) 247 May

MANUFACTURERS' PRODUCTS

Aerial mast (John Smith & Co.), 223 May
— mounts, microwave (Technical Appliance Corp.), 471 Sept.
Aircraft accident-recorder (ML Aviation), 50 Jan.
Air filters (Machine Control Co.), 315 June
Alarms, mains failure (Thorn Electronics), 125 Mar.
Alternating voltage divider (Electro Scientific Instruments), 127 Mar.
Amplifier, audio (Newmarket Transistors), 29 Jan.
—, audio line (Elcom), 471 Sept.
—, carrier modulation (Derritron), 122 Mar.
—, d.c. (Dynamic Instrument Corp.), 471 Sept.
—, miniature audio (Sinclair Radionics), 226 May
—, potentiometric (Fenlow Electronics), 474 Sept.
—, pulse width modulation audio, ten watt (Sinclair Radionics), 531 Oct.
—, v.h.f. tunable (Rohde & Schwarz), 587 Nov.
—, wideband (Ferranti), 389 Aug.
—, 80-100 metres power (Hammarlund), 388 Aug.
Analyser, pulse-height (Research Electronics), 384 Aug.
Attenuator, r.f. (Telonic Industries), 125 Mar.
Audio announcers (Cousino), 533 Oct.
Axial Hall probe (Scientifica), 313 June
Bench magnifier (Vision Engineering), 474 Sept.
Bending clamp (Trio Instruments), 533 Oct.
Bridge, capacitance (Electro Scientific Industries), 385 Aug.
—, voltmeter-ammeter, five digit (Electro Scientific Industries), 369 July
—, Wheatstone (Lionmount), 314 June
Cable clips, plastic (Firth Cleveland Fastenings), 532 Oct.
Cables, coaxial (A.E.I.), 30 Jan.
Calibrator, voltage and current (Fluke Manufacturing), 602 Dec.
Camera, step and repeat (W. Watson & Sons), 605 Dec.
—, transistor 1-in vidicon (A.I.D.S.), 474 Sept.
Capacitor blocks for delay line construction (Johnson Matthey) 367 July
—, electrolytic, range extended (Mullard), 587 Nov.
—, lead-through (Oxley Developments), 387 Aug.
—, polyester (London Electrical Manufacturing Co.), 99 Feb.
—, porcelain (Vitramon Labs.), 33 Jan.
—, silvered mica (Johnson Matthey), 228 May
—, silvered mica (Alston Capacitors), 29 Jan.
—, tantalum (Plessey), 475 Sept.
Cathode ray tube (English Electric Valve Co.), 32 Jan.
—, —, electrostatic focus (Ferranti), 100 Feb.
—, —, "rear window" (Sylvania), 252 May
Circuit board (R. & E. Lamb), 224 May
— modules, educational (Physical and Electronic Labs.), 384 Aug.
Cleaning brush for tape heads (Tape Recorder Maintenance), 176 April
— solvent, Arcton (I.C.I.), 8 Jan.

Clocks, digital (Spectrum Electronics), 601 Dec.
Coaxial reflectometers (A. T. and E.), 124 Mar.
Colour bar generator, N.T.S.C. (R.C.A.), 100 Feb.
Component comparator for resistors and capacitors (Aero Electronics), 175 Apr.
—, metal-to-ceramic sealed (E.M.I. Electronics), 588 Nov.
— storage bins (Savage and Parsons), 385 Aug.
— — and trolleys (Kabi Electrical and Plastics), 124 Mar.
Computer elements (Feedback), 529 Oct.
—, digital, educational (Lan-Electronics), 98 Feb.
Connectors, "Amp-Lok" (Aircraft Marine Products), 364 July
—, audio "Continental" (T.S.L.), 126 Mar.
—, printed-circuit board (Mills and Rockleys), 533 Oct.
Constructional kits, audio (Martin Electronics), 98 Feb.
—, Hall devices (Scientifica), 313 June
Converter, analogue-to-digital (Moore Reed & Co.), 97 Feb.
—, a.c./d.c. (Wayne Kerr-Digitec), 388 Aug.
Copying machine employing magnetic tape (Amplex), 126 Mar.
Core stores, magnetic (Mullard), 32 Jan.
Cosmic dust detector (Ferranti), 252 May
Counter, electronic (P.E.K. Electronic), 175 Apr.
—, electronic (Racal), 317 June
—, electronic (Marconi Instruments), 369 July
Current meters, ultra-sensitive (Greibach Instrument Corp.), 587 Nov.
Data logger, portable (Dobbie McInnes), 174 Apr.
Data-plotting keyboard (Scientific Furnishings), 366 July
Decade capacitance box (B.P.L.), 364 July
— plug-in units (Panax Equipment), 34 Jan.
— resistance boxes (Muirhead & Co.), 176 Apr.
Delay line (C.S.F.), 32 Jan.
— lines, ultrasonic (M.E.L. Equipment Co.) 604 Dec.
— units, electronic time (Electrical Remote Control Co.), 315 June
Digital circuit blocks (M.E.L. Equipment Co.), 364 July
— logic modules (Sidien Products), 385 Aug.
Diodes, broadband coaxial (Microwave Associates), 601 Dec.
—, gallium arsenide (Micro State Electronic Corp.), 471 Sept.
—, switching (Ferranti), 97 Feb.
Dip-soldering machine (Zeva), 317 June
Distortion factor meter (Marconi Instruments), 96 Feb.
Dry-reed relay (ERG Industrial Corp.), 227 May
E.H.T. unit (Beulah Electronics), 173 Apr.
Educational circuit modules (Physical and Electronic Labs.), 384 Aug.
— digital computer (Lan-Electronics), 98 Feb.
Electrometer, capacitor (Victoreen Instrument Co.), 603 Dec.
Electron-beam evaporation unit (G. V. Planer), 366 July
Encoder, Size 18 (Moore, Reed & Co.), 387 Aug.
Expanded rubber, adhesive backed (Expanded Rubber & Plastics), 601 Dec.
Eyelet board (R. & E. Lamb), 224 May
Filter, passive tunable (Allison Labs.), 33 Jan.
Flash tubes (for ruby lasers) (English Electric Valve Co.), 125 Mar.
Frequency divider (Advance Electronics), 97 Feb.
— meter and generator (J.A.C. Electronics), 589 Nov.
— response tracer [automatic] (C.R.B.), 123 Mar.
— standard (Voumard), 473 Sept.
Frequency/Timer meter (Venner Electronics), 125 Mar.
Fuseholders, miniature (Belling and Lee), 388 Aug.; correction 475 Sept.
Gaussmeter (F. W. Bell), 224 May
Gearheads and speed-reducers (Ancillary Developments), 601 Dec.
Generator, dual pulse (A. Orba), 56 Jan.
—, low frequency (Advance Electronics), 29 Jan.

Generator, N.T.S.C. colour bar (R.C.A.), 100 Feb.
 —, pulse (Texas Instruments), 588 Nov.
 —, square-wave (Advance Electronics), 389 Aug.
 —, very low frequency (C.R.C.), 224 May
 —, wide range (E.H. Labs.), 95 Feb.
 —, wide range (Paco), 368 July
 Galvanometer, electronic (John Fluke), 368 July
 Heat sinks for TO-5 and TO-18 cans (Jermyn Industries), 388 Aug.
 —, printed circuit (Jermyn Industries), 604 Dec.
 Indicators, digital (Teldix), 605 Dec.
 —, digital (Hilger and Watts), 316 June
 —, elapsed time and events (Bowmar Instrument), 590 Oct.
 —, neon (Cerberus), 31 Jan.
 —, neon (Carr Fastener), 473 Sept.
 Instrument trolleys (Avon Communications & Electronics), 31 Jan. 313 June
 Instrumentation tape recorder (Precision Instrument Company), 173 Apr.
 Insulation meter (Comark Electronics), 124 Mar.
 —, testers (Evershed & Vignoles), 173 Apr.
 Klystrons, u.h.f., television (S.T.C.), 531 Oct., X-band (Eimac), 386 Aug.
 Knobs, instrument control (A. F. Bulgin & Co.), 587 Nov.
 —, miniature collet (Plessey), 30 Jan.
 Label machine, plastic, (Hellermann Equipment), 176 Apr.
 Laser, gas (Raytheon), 313 June
 —, solid-state (M.E.L. Equipment Co.), 386 Aug.
 Leads, interconnecting audio (Tape Recorder Maintenance), 127 Mar.
 Lettering, stencils and pantographs (Copiograph), 126 Mar.
 Lifeboat radio, "Solax" (International Marine Radio Co.), 421 Aug.
 Loudspeakers, slim (Goodmans Industries), 177 Apr.
 Magnetic core stores (Mullard), 32 Jan.
 —, tape copier (Ampex), 126 Mar.
 Magnetizing units (Hirst Electronic), 173 Apr. and 368 July
 Magnetron (M.O. Valve Co.), 366 July
 Micro-circuit evaluation kit (Electrosil), 227 May
 Microwave and optical windows fabricated in synthetic sapphire (Agate Products), 29 Jan.
 —, klystron signal sources (Flann Microwave Instruments), 601 Dec.
 Mounting pads, transistor (A.E.I.), 99 Feb.
 Multimeter (Taylor Electrical Insts.) 223 May (B.P.L.), 225 May (Smiths), 389 Aug.
 Multiplex terminal equipment (A.T. and E.), 228 May
 Nuclear instrumentation (Victoreen Instrument Co.), 126 Mar.
 Ohmmeter, digital deviation (Electro Instruments), 127 Mar.
 Oscillator, audio high-power (General Radio Company), 387 Aug.
 —, beat frequency (Radiometer), 122 Mar.
 —, sweep (Telonic), 384 Aug.
 —, transistor, 10kc/s to 20Mc/s (S.T.C.), 30 Jan.
 Oscilloscope (Daystrom), 175 Apr.
 —, (Solartron), 177 Apr.
 —, calibrator (Tequipment), 587 Nov.
 —, camera (Avo), 367 July
 —, cameras (Fairchild-Dumont), 316 June
 —, laboratory, rack-mounting (Tequipment), 529 Oct.
 —, projection accessory (Philips), 223 May
 —, transistorized (Tektronix), 228 May
 Oven, low temperature (Griffin & George), 175 Apr.
 P.T.F.E., new-grade (Crane Packing), 474 Sept.
 Paper tape dispenser (Document Transports), 385 Aug.
 Paint-thickness meter (Belix Co.), 365 July
 Phase Meter, digital (Ad-Yu Electronics), 124 Mar.
 Photoconductor cell (Sylvania), 314 June
 Piezo electric carbon elements (Plessey), 389 Aug.
 Plug, coaxial (A.E.I.), 34 Jan.
 —, mains, "Five-in-One," (R.W. Rumble), 533 Oct.
 Polyester resin "crylic" (Scott Bader & Co.), 298 June
 Potentiometers, carbou-film (Ferranti), 369 July

Potentiometers, helical (Rellance Controls), 588 Nov.
 Power meter (Electro Apparatus), 317 June
 —, supply (Advance Electronics), 364 July
 —, (Feedback), 314 June
 —, (Osmabct), 384 Aug.
 —, (Rank Cintcl), 226 May
 —, klystron, (Allied Electronics), 175 Apr.
 —, stabilized (Industrial Instruments), 604 Dec.
 —, stabilized (Lan Electronics), 227 May
 —, stabilized (Newton Derby), 367 July
 Pre-amplifier, audio (Furzehill), 33 Jan.
 —, television Bands I and III, (Gordon J. King), 99 Feb.
 —, television Bands IV and V (Aerialite), 226 May
 —, television mast-head u.h.f., (Lab-gear), 177 Apr.
 "Prestincert" tool kit (Belling & Lee), 124 Mar.
 Printed-circuit board etchant (Lee-Smith Chemicals), 471 Sept.
 —, [for W.W. f.m. tuner], (J. W. Wells), 472 Sept.
 —, (J. E. S. Printed Circuits) 367 July
 Programme-board, "Mixing," (Scaleco), 475 Sept.
 Public-address, portable, equipment (Bouyer), 475 Sept.
 Pulse width modulation audio amplifier. (Sinclair Radionics), 531 Oct.
 Quartz automatic cutting machine (Meyer & Berger), 603 Dec.
 Radar for yachts (Raytheon), 70 Feb.
 —, marine "Photoplot" (Kelvin Hughes), 383 Aug.
 —, marine "Raymarc" (Marconi), 372 July
 Rack and panel constructional system, "Uniframe," (Lancier Electronic Development), 388 Aug.
 Ranging unit [automatic] for digital voltmeters (Digital Measurements), 173 Apr.
 Receiver, h.f. communications, high stability, (Marconi), 603 Dec.
 —, miniature domestic (Sinclair Radionics), 98 Feb.
 —, standard-frequency (Wayne Kerr-Gertsch), 31 Jan.
 —, v.h.f. [aircraft band] (Telecom), 224 May
 —, v.h.f., phase-comparison (Wayne Kerr-Gertsch), 33 Jan.
 Recording heads (Mullard), 176 Apr.
 —, tape, audio, heavy duty, (Ampex), 228 May
 —, oscillograph (Honeywell Controls), 96 Feb.
 Reed switch, subminiature (Hamlin), 473 Sept.
 Relay, count-down (Rodenc), 601 Dec.
 —, dry-reed (ERG Industrial Corp.), 227 May
 —, miniature (B. & R. Relays), 530 Oct.
 —, voltage sensing and time delay (A.M.F. International), 530 Oct.
 Resistors, high-voltage (Victoreen Instrument Co.), 471 Sept.
 —, metal-film (Dubilier), 98 Feb.
 —, metal oxide (Electrosil), 174 Apr.
 —, miniature (Sage Electronics), 532 Oct.
 —, precision (Alma Components), 100 Feb.
 —, wire-wound (Electrothermal Engineering), 175 Apr.
 Resistivity test set, contactless, (S.T.C.), 100 Feb.
 Screened rooms, modular, (Belling & Lee), 533 Oct.
 Screened-room filters (Aerovox), 316 June
 Screws, recessed-head, (G.K.N. Screws & Fasteners), 99 Feb.
 Selenium rectifier (S.T.C.), 365 July
 Semiconductor manufacture, mask alignment unit, (Vacwell Engineering), 386 Aug.
 Servo repeater, solid-state (Theta Instrument Corp.), 532 Oct.
 Signal strength meter, u.h.f. (Lab-Craft), 224 May
 Silicon controlled rectifiers (Motorola Semiconductors), 318 June
 —, rectifier for television (Ferranti), 30 Jan.
 —, rectifier, power (International Rectifier), 96 Feb.

Silicon, Silicone grease and dispenser (I.C.I.), 125 Mar.
 Solderability measurer (Multicore Solders), 225 May
 Soldering aid (Alpha Metals), 228 May
 Soldering iron (Antex), 529 Oct.
 —, iron (Blixt), 475 Sept.
 —, iron (Oryx), 177 Apr.
 —, iron "Imperial" (Eldon Industries of Canada), 605 Dec.
 —, machine (Zeva), 317 June
 Spectrum analyser (Pentrix), 316 June
 —, (Panaramic), 315 June
 —, low-frequency wave and (Quantech), 588 Nov.
 Stepping motors "Cyclonome," (Ad. Ariema Inc.), 31 Jan.
 Stereo cartridge (Goldring Manufacturing Co.), 99 Feb.
 Styli, Decca replacement (Decca Radio & Television), 532 Oct.
 Sweep generator, v.h.f. (Telonic), 31 Jan.
 —, (Paco), 473 Sept.
 Switches, push-button, illuminated, (Highland Electronics), 603 Dec.
 —, miniature slide, (Highland Electronics), 589 Nov.
 —, small rotary (Diamond H. Controls), 603 Dec.
 —, sub-miniature (Electronic Components), 122 Mar.
 —, thermal-delay (S.T.C.), 98 Feb., 176 Apr.
 —, kit (oak type) (N.S.F.), 122 Mar.
 —, kit (Lorlin Electronic Co.), 228 May
 Synthetic sapphire components (Agate Products), 29 Jan.
 Tape head cleaning brush (Tape Recorder Maintenance), 176 Apr.
 —, recorder, instrumentation (Precision Instrument Co.), 173 Apr.
 Tapewriter (Hellermann Equipment), 176 Apr.
 Television camera, closed-circuit (Vistal Engineers), 385 Aug.
 —, industrial (Philips), 365 July
 —, monitor, colour (Standard Elektrik Lorenz), 29 Jan.
 —, monitor for 405, 525 and 625 line (Rank-Bush Murphy), 33 Jan.
 —, receiver, educational (Decca Radio & Television), 224 May
 —, signal pre-amplifier, Bands I and III (Gordon J. King), 99 Feb.
 —, signal pre-amplifiers covering all bands (Television Installation Services), 365 July
 Terminal blocks (Hellermann Terminals), 97 Feb.
 Terminals, printed-circuit board (Aircraft Marine Products), 96 Feb.
 —, slotted stand-off (Selectro), 529 Oct.
 Test jacks (Sealcoq), 226 May
 Thermal delay switch (S.T.C.), 98 Feb., 176 Apr.
 Thermistors (Gulton), 472 Sept.
 Thermocompression bonder (G.V. Planer), 602 Dec.
 Thermocouples, mineral-insulated (Spemby Technical Products), 602 Dec.
 Thermometer, electronic (Dependable Relay Co.), 388 Aug.
 —, remote-reading (Telemechanics), 227 May
 Throat microphone (Amplivox), 368 July
 Thyristors, epitaxial (International Rectifier), 365 July
 Time delay units, electronic (Electrical Remote Control), 315 June
 Time/frequency meter (Venner Electronics), 125 Mar.
 —, interval marker "Digitimer," (Devices), 32 Jan.
 Timer, pre-set, (Ether), 122 Mar.
 —, (Pioneer Designs), 223 May
 Transceiver, s.s.b., 1.6 to 16 Mc/s, (Raytheon), 368 July
 —, v.h.f., f.m., (Ultra Electronics), 316 June
 —, v.h.f., portable, (Amplivox), 473 Sept.
 Transformer, miniature (Raytheon), 472 Sept.
 Transistor, M.O.S.T. (Mullard), 590 Nov.
 —, and diode tester (Fairchild), 34 Jan.
 —, curve tracer (A.E.S. Electronics), 30 Jan.
 —, replacement kit (Newmarket Transistors), 532 Oct.
 —, tester, (Vacwell Engineering), 226 May
 Transistors, silicon n-p-n, high voltage, (R.C.A. Great Britain), 588 Nov.
 —, power, (S.G.S. Fairchild), 123 Mar.

Transistors with a.g.c. characteristic, u.h.f. (S.G.S. Fairchild), 589 Nov.
 Travelling-wave tube for television (Varian), 530 Oct.
 Tunnel-diode amplifiers and oscillators (Microwave Associates), 475 Sept.
 Tunnel diodes (International General Electric), 475 Sept.
 Ultrasonic delay lines (M.E.L. Equipment Co.), 604 Dec.
 Vacuum cleaner, miniature (Henri Picard & Frère), 123 Mar.
 Valve, tetrode, power, 500 Mc/s (Raytheon), 530 Oct.
 ---, triode, u.h.f., planar (Eimac), 529 Oct.
 ---, triode, u.h.f., power (S.T.C.), 177 Apr.
 ---, twin pentode, (Mullard), 174 Apr.
 Varactor diodes (Solitron Devices), 474 Sept.
 --- (Varad), 389 Aug.
 Variable-frequency power supply and audio oscillator, (General Radio Company), 387 Aug.
 --- transformer (Cressall Manufacturing Co.), 531 Oct.
 --- (British Electric Resistance Co.), 386 Aug.
 Video tape equipment, television (R.C.A.), 315 June
 Vidicon tubes (English Electric Valve Co.), 387 Aug.
 Voltage regulator (Newton Brothers), 313 June
 --- stabilizer, BTR range (Claude Lyons), 176 Apr.
 ---, mains, (Servomex Controls), 95 Feb.
 Voltmeter, battery powered (Philips), 95 Feb.
 ---, digital (Bendix Electronics), 604 Dec.
 ---, digital (Solartron), 317 June
 ---, digital, high-impedance (Digital Measurements), 604 Dec.
 ---, "Kilovoltmeter" Mk. II (Waveforms), 314 June
 ---, panel mounting, high-impedance (Millivac Instruments Inc.), 531 Oct.
 ---, valve (Daystrom Heathkit), 227 May

Wattmeter, 30-500 Mc/s (Bird Electronic Corp.), 34 Jan.
 Wobbulator (Metrix), 96 Feb.

MEASUREMENT

A.C. Millivoltmeter, *Wireless World*, 264 June
 Acoustic Noise Measurement and Analysis, W. V. Richings, 51 Jan. (*Correction* 82 Feb.)
 Bridge Source and Detector, F. Butler, 318 June
 Direct-reading Capacitance Meter, D. F. Bailey, 204 Apr. (*Letter* 401 Aug.)
 Graphical Aids to Noise Figure Measurement, M. D. Wood, 258 May
 Infra-red Circuit Fault Detection, 590 Nov.
 Intermodulation Distortion Measurement, D. E. O'N. Waddington, 271 June (*Letters* 398 Aug., 461 Sept., 525 Oct.)
 Transistor Audio-frequency Phasemeter, F. Butler, 453 Sept.
 --- Tester, M. F. Sizmur, 253 May (*Letters* 524 Oct.)
 What do Meters Measure?, 132 Mar.

ORGANIZATION

Amateur Licensing, Reciprocal, 394 Aug.
 --- Phone Licence, 393 Aug.
 --- U.H.F. Phone-only Licence, 82 Jan.
 British Acoustical Society?, 181 Apr.
 Electronics Industry Council Dissolved, 347 July
 First Pay-Television Licence, 449 Sept.
 I.T.A./B.B.C. Co-operation in Engineering and Research, 621 Dec.
 Interference from Medical Apparatus, 22 Jan.
 Institution of Electrical and Electronics Technician Engineers to be Formed, 393 Aug.
 National Electronics Research Council, 449 Sept.
 Post Office Research Station to Move, 450 Sept.
 Radar Trap Detectors Illegal, 23 Jan.
 Receiving Licences, 135 Mar., 300 June, 450 Sept., 622 Dec.

Society of Electronic and Radio Technicians Formed, 347 July,
 Space Communications Agreement, 449 Sept.
 Television Society's first Geoffrey Parr Award, 299 June
 WWV Propagation Forecasts, 181 Apr.

TELEVISION

Amateur Television DX Record, 576 Nov.
 ART Colour System, 307 June
 BBC-2 Fill-in Stations, 135 Mar.
 Balanced Diode Video Attenuator, J. P. Bénêteau and G. M. Riva, 606 Dec.
 Black Level, Television Picture, P. L. Mothersole, 212 May
 Cathode Rejectors, P. Visontai, 408 Aug. (*Letters* 525 Oct.)
 Colour TV Demonstrations in London, 575 Nov.
 --- Test Fabrics, 133 Mar.
 Constant Luminance, I. Macwhirter 544 Nov.
 Delay Line, 178 Apr.
 Distribution by Wire, R. I. Kinross, 495 Oct., 555 Nov.
 First Television Picture Direct from Japan, 234 Apr.
 I.T.A./B.B.C. Co-operation in Engineering and Research, 621 Dec.
 Light-emitting Diode, A. J. Goss and A. E. Sarson, 377 Aug. (*Letters* 460 Sept.)
 Logarithmic Aerial for Bands IV and V, M. F. Radford, 424 Sept., 526 Oct.
 Pay-Television Licence, First, 449 Sept.
 Remote Display Unit, B. W. Hicks, 427 Sept.
 "S" Correction, F. D. Bate, 219 May
 Sensitive Storage Camera Tube, 298 June
 Service Areas, Television, O. M. Murray, 191 Apr.
 Subscription Television, 42 Jan.
 ---; British Telemeter Plans, 347 July
 Televising the Olympic Games, 575 Nov.
 Test Cards "D" and "E", 233 May
 U.H.F. Loft Aerial, N. W. Brown, 10 Jan.
 --- Oscillator, R. H. Bradsell and M. Grimshaw, 305 June (Transistor version, *Letter to Editor*, 400 Aug.)

AUTHORS

Bailey, D. F., 204 Apr. (*Biog.*, 184 Apr.)
 Barlow, D.A., 160 Apr.
 Bate, F. D., 219 May (*Biog.*, 236 May)
 Bayliss, A. T., 303 June (*Biog.*, 302 June)
 Bénêteau, J. B., with Riva, G. M., 606 Dec.
 Bond, M. V., 594 Dec. (*Biog.*, 623 Dec.)
 Bradsell, R. H., with Grimshaw, M., 305 June (*Biogs.*, 302 June)
 Bronzite, M., 153 Mar. (*Biog.*, 137 Mar.)
 Brown, N. W., 10 Jan.
 Butler, F., 43 Jan., 318 June, 453 Sept.
 Copsey, R. B. C., 613 Dec. (*Biog.*, 623 Dec.)
 "Free Grid", 60 Jan., 108 Feb., 158 Mar., 208 Apr.
 Goodison, C. E., 411 Aug. (*Biog.*, 390 Aug.)
 Goss, A. J., with Sarson, A. E., 377 Aug. (*Biogs.*, 396 Aug.)
 Grimshaw, M., with Bradsell, R. H., 305 June (*Biogs.*, 302 June)

Hancock, K. E., 374 Aug., 428 Sept. (*Biog.*, 452 Sept.), 507 Oct., 549 Nov., 629 Dec.
 Henly, H. R., 110 Mar. (*Biog.*, 137 Mar.)
 Hicks, B. W., 427 Sept.
 Hobbs, G. P., 47 Jan. (*Biog.*, 25 Jan.), 433 Sept., 518 Oct., 581 Nov., 624 Dec.
 Keller, P. R., 62 Feb., 118 Mar.
 Key, A. J., 257 May
 Kinross, R. I., 495 Oct.
 Macwhirter, I., 544 Nov.
 Morris, P. A. C., 87 Feb.
 Mothersole, P. L., 212 May (*Biog.*, 236 May)
 Murray, J. K., 179 Apr. (*Biog.*, 184 Apr.)
 Murray, O. M., 191 Apr. (*Biog.*, 184 Apr.)
 Pye, J. D., 339 July (*Biog.*, 350 July)
 Radford, M. F., 424 Sept. (*Biog.*, 452 Sept.), 526 Oct.

Richings, W. V., 51 Jan. (*Biog.*, 25 Jan.)
 Riva, G. M., with Bénêteau, J. B., 606 Dec.
 Roddam, Thomas, 101 Feb., 309 June, 300 July, 390 Aug.
 Sarson, A. E., with Goss, A. J., 377 Aug. (*Biogs.*, 396 Aug.)
 Sizmur, M. F., 253 May
 Tilsley, D. N., 229 May
 Towers, T. D., 2 Jan., 74 Feb., 128 Mar., 199 Apr., 242 May, 351 July, 403 Aug., 463 Sept., 534 Oct., 569 Nov., 634 Dec.
 "Vector", 447 Sept., 516 Oct.
 Visontai, P., 408 Aug. (*Biog.*, 396 Aug.)
 Willis, J. H., 151 Mar. (*Biog.*, 137 Mar.)
 Waddington, D. E. O'N., 271 June
 Wood, M. D., 258 May (*Biog.*, 236 May)