INDEX TO PRINCIPAL ARTICLES
Alphabetically by Titles

<table>
<thead>
<tr>
<th>Article</th>
<th>Page</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaptor for SSB Reception</td>
<td>Nov 458</td>
<td></td>
</tr>
<tr>
<td>All-Band Aerial Tuning Unit</td>
<td>Feb 634</td>
<td></td>
</tr>
<tr>
<td>Amateur Radio Exhibition, 1960 (Report)</td>
<td>Dec 538</td>
<td></td>
</tr>
<tr>
<td>America Revisited</td>
<td>Nov 468</td>
<td></td>
</tr>
<tr>
<td>Audio Noise Limiter</td>
<td>Mar 41</td>
<td></td>
</tr>
<tr>
<td>BCI on Audio Amplifiers</td>
<td>Aug 321</td>
<td></td>
</tr>
<tr>
<td>Cascade Converter for Two Metres</td>
<td>Jul 266</td>
<td></td>
</tr>
<tr>
<td>Christmas (Editorial)</td>
<td>Dec 513</td>
<td></td>
</tr>
<tr>
<td>Congo (Editorial)</td>
<td>Aug 287</td>
<td></td>
</tr>
<tr>
<td>Construction of Coils</td>
<td>Oct 423</td>
<td></td>
</tr>
<tr>
<td>Converter for Radio Teletypewriter Reception</td>
<td>May 10</td>
<td></td>
</tr>
<tr>
<td>CQ Jamboree</td>
<td>Apr 69</td>
<td></td>
</tr>
<tr>
<td>Crystal-Controlled Converter for the HF Bands</td>
<td>Dec 514</td>
<td></td>
</tr>
<tr>
<td>CW Transmitter for Top Band</td>
<td>Apr 73</td>
<td></td>
</tr>
<tr>
<td>Defence (Editorial)</td>
<td>Oct 401</td>
<td></td>
</tr>
<tr>
<td>Doppler Effect, or What?</td>
<td>Feb 653</td>
<td></td>
</tr>
<tr>
<td>DX Commentary</td>
<td>Monthly</td>
<td></td>
</tr>
<tr>
<td>DX-40U Modification, Another</td>
<td>Jul 239</td>
<td></td>
</tr>
<tr>
<td>Electronic Change-Over Switch</td>
<td>Apr 78</td>
<td></td>
</tr>
<tr>
<td>Feeding the Top Band Dipole</td>
<td>Oct 409</td>
<td></td>
</tr>
<tr>
<td>Fifteenth MCC, The (Report and Results)</td>
<td>Jan 606</td>
<td></td>
</tr>
<tr>
<td>Fred's Temporary Move</td>
<td>Jan 601</td>
<td></td>
</tr>
<tr>
<td>GW3TD/MM—DX Cruise</td>
<td>Feb 657</td>
<td></td>
</tr>
<tr>
<td>Heatkit DX/100U (Review)</td>
<td>Mar 17</td>
<td></td>
</tr>
<tr>
<td>Heterodyne Frequency Meter</td>
<td>Aug 288</td>
<td></td>
</tr>
<tr>
<td>Hole in the Wall, A</td>
<td>Jan 603</td>
<td></td>
</tr>
<tr>
<td>Home-Built Station, Notes on A</td>
<td>Sep 355</td>
<td></td>
</tr>
<tr>
<td>Improved Grid-Dip Oscillator</td>
<td>Oct 402</td>
<td></td>
</tr>
<tr>
<td>Improved Modulation for the DX-40U</td>
<td>May 129</td>
<td></td>
</tr>
<tr>
<td>Improved Two-Metre Converter</td>
<td>Jan 578</td>
<td></td>
</tr>
<tr>
<td>Improvements for the BC-348(Q)</td>
<td>Jan 568</td>
<td></td>
</tr>
<tr>
<td>Jargon (Editorial)</td>
<td>Mar 9</td>
<td></td>
</tr>
<tr>
<td>Key-Controlled Change-Over</td>
<td>Dec 527</td>
<td></td>
</tr>
<tr>
<td>Lecher Line Device for TVI Exploration</td>
<td>Apr 97</td>
<td></td>
</tr>
<tr>
<td>Let Phonetics Flourish (Facetious)</td>
<td>Feb 639</td>
<td></td>
</tr>
<tr>
<td>Longer Life for Dry Batteries</td>
<td>Apr 99</td>
<td></td>
</tr>
<tr>
<td>Magic-Eye GDO, A</td>
<td>Jul 237</td>
<td></td>
</tr>
<tr>
<td>Making the Gear Look Better</td>
<td>Aug 284</td>
<td></td>
</tr>
<tr>
<td>Making the Most of Meters</td>
<td>Aug 299, Sep 352, Nov 489</td>
<td></td>
</tr>
<tr>
<td>Making Wide-Band Couplers</td>
<td>Jan 575</td>
<td></td>
</tr>
<tr>
<td>Modes (Editorial)</td>
<td>Apr 65</td>
<td></td>
</tr>
<tr>
<td>Modulator Driver Unit</td>
<td>Apr 89, May 147</td>
<td></td>
</tr>
<tr>
<td>Month with the Clubs, The</td>
<td>Monthly</td>
<td></td>
</tr>
<tr>
<td>More Power for the Panda Cub</td>
<td>Jul 241</td>
<td></td>
</tr>
<tr>
<td>More Watts for Less Cost</td>
<td>Jul 233</td>
<td></td>
</tr>
<tr>
<td>Multi-Band Transmitter Design</td>
<td>Aug 290</td>
<td></td>
</tr>
<tr>
<td>Notes on Selected Books</td>
<td>Oct 433</td>
<td></td>
</tr>
<tr>
<td>Nyasaland DX-Pedition</td>
<td>Apr 101</td>
<td></td>
</tr>
<tr>
<td>Organisation (Editorial)</td>
<td>Sep 343</td>
<td></td>
</tr>
<tr>
<td>Phatite Phonetics (Facetious)</td>
<td>Dec 545</td>
<td></td>
</tr>
<tr>
<td>Pi-Section Inter-Stage Coupling</td>
<td>May 120</td>
<td></td>
</tr>
<tr>
<td>Power Supply for the BC-348</td>
<td>Feb 653</td>
<td></td>
</tr>
</tbody>
</table>
# INDEX TO PRINCIPAL ARTICLES, Alphabetically by Titles—continued

<table>
<thead>
<tr>
<th>Article</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practical Crystal-Mixer VFO</td>
<td>Nov 463</td>
</tr>
<tr>
<td>Pressure (Editorial)</td>
<td>Feb 623</td>
</tr>
<tr>
<td>Push-Pull Modulator for Top Band</td>
<td>Aug 296</td>
</tr>
<tr>
<td>Q-Multiplier for the TCS Receiver</td>
<td>May 132</td>
</tr>
<tr>
<td>QRP for Monaco</td>
<td>Sep 365</td>
</tr>
<tr>
<td>Radio Equipment in Cable Ship Monarch</td>
<td>Oct 426</td>
</tr>
<tr>
<td>Radio Hobbies Exhibition (Review)</td>
<td>Dec 538</td>
</tr>
<tr>
<td>Redifon R.145 Communications Receiver, The (Review)</td>
<td>Jan 198</td>
</tr>
<tr>
<td>Resistor Values Quickly</td>
<td>Feb 652</td>
</tr>
<tr>
<td>Rolling Your Own Coils</td>
<td>Aug 315</td>
</tr>
<tr>
<td>Rough (Editorial)</td>
<td>May 119</td>
</tr>
<tr>
<td>Semi-Automatic Morse Key</td>
<td>Oct 410</td>
</tr>
<tr>
<td>Sense About Power Packs</td>
<td>Apr 76</td>
</tr>
<tr>
<td>Seven Bands in One Cabinet</td>
<td>Jan 188</td>
</tr>
<tr>
<td>Schemes (Editorial)</td>
<td>Jun 567</td>
</tr>
<tr>
<td>Show (Editorial)</td>
<td>Nov 457</td>
</tr>
<tr>
<td>Sideband from the Start</td>
<td>Dec 519, Feb 648</td>
</tr>
<tr>
<td>Simple Auto-Key</td>
<td>Jul 235</td>
</tr>
<tr>
<td>Simple Valve Voltmeter, A</td>
<td>Jan 569</td>
</tr>
<tr>
<td>Simplified SSB Generator</td>
<td>Jun 185</td>
</tr>
<tr>
<td>Some Circuits for Two Metres</td>
<td>May 153</td>
</tr>
<tr>
<td>Some Modifications for the CR-100</td>
<td>Apr 66</td>
</tr>
<tr>
<td>Some Non-Amateur Frequency Allocations (Geneva, 1959)</td>
<td>Mar 38</td>
</tr>
<tr>
<td>Some Notes on RTTY Operation</td>
<td>Sep 348</td>
</tr>
<tr>
<td>Sparkinson Effect, The (facetious)</td>
<td>Oct 422</td>
</tr>
<tr>
<td>SSB Transceiver for Twenty, Part I</td>
<td>Feb 624</td>
</tr>
<tr>
<td>Surplus Converter for Two Metres</td>
<td>Feb 656</td>
</tr>
<tr>
<td>SWL—Mar 32, May 142, Jul 255, Sep 367, Nov 478, Jan 591</td>
<td></td>
</tr>
<tr>
<td>Transistor Microphone Amplifier</td>
<td>Jun 211</td>
</tr>
<tr>
<td>Transistorised Audio Oscillator</td>
<td>Nov 467</td>
</tr>
<tr>
<td>Transistorised DC Converter</td>
<td>May 124</td>
</tr>
<tr>
<td>Tunnel Diode, The</td>
<td>Jun 571</td>
</tr>
<tr>
<td>Twenty-Five Watts of Austerity, A</td>
<td>Oct 407</td>
</tr>
<tr>
<td>Vertical Aerial System for All Bands</td>
<td>Oct 406</td>
</tr>
<tr>
<td>VHF (Editorial)</td>
<td>Jun 175</td>
</tr>
<tr>
<td>VHF Bands</td>
<td>Monthly</td>
</tr>
<tr>
<td>VHF Chokes, Notes on</td>
<td>Jun 204</td>
</tr>
<tr>
<td>ZMTDA Expedition, The</td>
<td>May 111</td>
</tr>
<tr>
<td>807 (Editorial)</td>
<td>Jul 231</td>
</tr>
</tbody>
</table>

---

# PRINCIPAL ARTICLES—BY ISSUES MONTHLY

**Features DX Commentary, Editorial, Month with the Clubs, New QTH's and VHF Bands appear every month**

**MARCH, 1960**
- Audio Noise Limiter
- Converter for Radio Teletypewriter Reception, Part I
- Heathkit DX-100U — Magazine Report
- Other Man’s Station — DL2BC
- Some Non-Amateur Frequency Allocations, Geneva 1959
- SWL — Listener Feature

**APRIL, 1960**
- Converter for Radio Teletypewriter Reception, Part II
- CW Transmitter for Top Band
- Electronic Change-Over Switch
- Hooker 1 Line Device for TVI Exploration
- Longer Life for Dry Batteries
- Modulator Driver Unit, Part I
- Nyasaland DX-Petition
- Sense About Power Packs
- Some Modifications for the CR-100

**MAY, 1960**
- Improved Modulation for the DX-40U
- Making Wide-Band Couplers
- Modulator Driver Unit, Part II
- Other Man’s Station — ZS6CR
- Pi-Secton Inter-Stage Counting
- Q-Multiplier for the TCS Receiver
- Some Circuits for Two Metres
- SWL — Listener Feature
- Transistorised DC Converter
- ZMTDA Expedition, The

**JUNE, 1960**
- Other Man’s Station — GW3NMQ
- Redifon R.145 Communications Receiver, The (Magazine Report)
- Seven Bands in One Cabinet
- Simple Valve Voltmeter, A
- Three-Band Transmitter, 120-Watt
- Transistor Microphone Amplifier
- VHF Chokes, Notes on

**JULY, 1960**
- Another DX-40U Modification
- Cascade Converter for Two Metres
- Magic-Eye GDO, A
- More Power for the Panda Cub
- More Watts at Less Cost
- Other Man's Station — G3NBP
- SWL — Listener Feature
- Three-Watt Transistor Transmitter
- Use of Silicon Rectifiers

**AUGUST, 1960**
- BCI on Audio Amplifiers
- Heterodyne Frequency Meter
- Making the Gear Look Better
- Making the Most of Meters, Part I
- Multi-Band Transmitter Design
- Other Man’s Station — G31ZK
- Power Supply Unit
- Push-Pull Modulator for Top Band
- Rolling Your Own Coils
SEPTEMBER, 1960
Making the Most of Meters, Part II
Notes on a Home-Built Station
Other Man’s Station — G3NQZ
QRP from Monaco
Simplified SSB Generator
Some Notes on Amateur RTTY Operation
SWL — Listener Feature

OCTOBER, 1960
Construction of Coils
Feeding the Top Band Dipole
Improved Grid-Dip Oscillator
Notes on Selected Books
Other Man’s Station — G3NQL
Radio Equipment in Cable Ship Monarch
Semi-Automatic Morse Key
Twenty-Five Watts of Audio
Vertical Aerial System for All Bands

NOVEMBER, 1960
Adaptor for SSB Reception
America Revisited
Making the Most of Meters, Part III
Other Man’s Station — G3BST
Practical Crystal-Mixer VFO
Radio Amateurs’ Examination, 1960 — Report and Results
SWL — Listener Feature
Transistorised Audio Oscillator

DECEMBER, 1960
Crystal Controlled Converter for the HF Bands
Key-Controlled Change-Over
Pultice Phonetics
Radio Hobbies Exhibition, 1960 — Report
Sideband from the Start, Part I
Tobago and VP4WD

JANUARY, 1961
Fifteenth MCC, The
Hole in the Wall, A
Improved Two-Metre Converter
Improvements for the BC-348(Q)
Making the Most of Meters, Part IV
Other Man’s Station — G3LKB
Simple Auto-Key
SWL — Listener Feature
Tunnel Diode, The

FEBRUARY, 1961
All-Band Aerial Tuning Unit
An SSB Transceiver for Twenty, Part I
Approaching Mobile Season
Doppler Effect, or What?
G3HID/MM — DX Cruise
Let Phonetics Flourish
Power Supply for the BC-348
Sideband from the Start, Part II
Surplus Converter for Two Metres
Resistor Values Quickly

INDEX TO CONTRIBUTORS

A
ALGAR, C. C. (G6AU)
Surplus Converter for Two Metres
Page 636

B
BASS, M. D. (G3OFE)
Resistor Values Quickly
Page 652
BODDEY, D. (G3KUM)
Transistorised DC Converter
Page 124
BRADSHAW, J. R.
Making the Most of Meters, Part I
Page 259
Making the Most of Meters, Part II
Page 352
Making the Most of Meters, Part III
Page 489
Making the Most of Meters, Part IV
Page 575
BRENNAN, W. M. (G3CJQ)
Some Notes on RTTY Operation
Page 348

C
CHICKEN, F. (G3BLK)
Semi-Automatic Morse Key
Page 410
CRONK, J. E. (G3MEO)
Transistorised Audio Oscillator
Page 467

D
DANCE, J. B., M.Sc.
Longer Life for Dry Batteries
Page 99
Rolling Your own Coils
Page 315

DAVIES, M. R. (G3HID)
G3HID/MM — DX Cruise
Page 657
DEVON, A. J.
VHF Bands
Page

E
EDWARDS, W. B. (G3HFG)
Notes on a Home-Built Station
Page 355

F
FORSYTH, A. J. E., O.B.E., G6FO, Editor
Editors: unsigned Articles; Captions
and all Paragraph Items; Research; Styling,
Layout and Presentation

G
GEDDES, M. (ZE3JO)
Nyasaland DX-Pedition
Page 101

H
HARRIS, W. E. H. (G3DPH)
Push-Pull Modulator for Top Band
Page 296
HARWOOD, A. J.
Q-Multiplier for ICS Receiver
Page 132
<table>
<thead>
<tr>
<th>INDEX TO CONTRIBUTORS—continued</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HATTEMORE, F. W.</strong></td>
</tr>
<tr>
<td>Improved Two-Metre Converter</td>
</tr>
<tr>
<td><strong>HAYNES, G. R. (G3CW1/3A2DA)</strong></td>
</tr>
<tr>
<td>QRP from Monaco.</td>
</tr>
<tr>
<td><strong>HERN, J. M. (G3NAC)</strong></td>
</tr>
<tr>
<td>Another DX-40U Modification</td>
</tr>
<tr>
<td><strong>HEYS, J. D. (G3BDQ)</strong></td>
</tr>
<tr>
<td>An SSB Transceiver for Twenty, Part I</td>
</tr>
<tr>
<td><strong>HUBBARD, C. (G2CSZ)</strong></td>
</tr>
<tr>
<td>Three-Watt Transistor Transmitter</td>
</tr>
<tr>
<td><strong>HUNT, F. I. R. (G3LNG)</strong></td>
</tr>
<tr>
<td>Multi-Band Transmitter Design</td>
</tr>
<tr>
<td><strong>ILBURY, G. W. (G3MMW)</strong></td>
</tr>
<tr>
<td>Improved Modulation for the DX-40U</td>
</tr>
<tr>
<td><strong>JANES, S. E. (G2FWA)</strong></td>
</tr>
<tr>
<td>Use of Silicon Rectifiers</td>
</tr>
<tr>
<td><strong>JULFF, J.</strong></td>
</tr>
<tr>
<td>Cascade Converter for Two Metres</td>
</tr>
<tr>
<td><strong>K</strong></td>
</tr>
<tr>
<td><strong>KNIGHT, E. A. (G2LF)</strong></td>
</tr>
<tr>
<td>BCI on Audio Amplifiers</td>
</tr>
<tr>
<td><strong>L</strong></td>
</tr>
<tr>
<td><strong>LAMBERT, J. (G31A/V4W4D)</strong></td>
</tr>
<tr>
<td>Tobago and V4W4D</td>
</tr>
<tr>
<td><strong>LEWIS, C. D. H. (G3NH)</strong></td>
</tr>
<tr>
<td>Crystal-Controlled Converter for the HF Bands</td>
</tr>
<tr>
<td><strong>LINSLEY, P. F.</strong></td>
</tr>
<tr>
<td>Improvements for the BC-348(Q)</td>
</tr>
<tr>
<td><strong>LLOYD, F. W. (G31PR)</strong></td>
</tr>
<tr>
<td>Seven Bands in One Cabinet</td>
</tr>
<tr>
<td><strong>M</strong></td>
</tr>
<tr>
<td><strong>MACINTOSH, J., A.M.Brit.L.R.E., F.C.C.S. (G3M1AA)</strong></td>
</tr>
<tr>
<td>P-Section Inter-Stage Coupling</td>
</tr>
<tr>
<td><strong>MITCHELL, L. R. (G3BHK)</strong></td>
</tr>
<tr>
<td>CQ Jamboree</td>
</tr>
<tr>
<td><strong>MOORE, G. C., Fl./Lt., R.A.F. (G3MCY)</strong></td>
</tr>
<tr>
<td>Let Phonetics Phlourish</td>
</tr>
<tr>
<td><strong>N</strong></td>
</tr>
<tr>
<td><strong>NOBLE, D. (G3MAW)</strong></td>
</tr>
<tr>
<td>A Magic-Eye GDO</td>
</tr>
<tr>
<td>Making the Gear Look Better</td>
</tr>
<tr>
<td><strong>O</strong></td>
</tr>
<tr>
<td><strong>OSBORNE, J. M., M.A. (G3HMO)</strong></td>
</tr>
<tr>
<td>A Simple Valve Voltmeter</td>
</tr>
<tr>
<td><strong>P</strong></td>
</tr>
<tr>
<td><strong>PLANT, C. R. (G3CP)</strong></td>
</tr>
<tr>
<td>More Power for the Panda Cub</td>
</tr>
<tr>
<td><strong>PRATT, D. (G3KEP)</strong></td>
</tr>
<tr>
<td>A Magic-Eye GDO</td>
</tr>
<tr>
<td>Making the Gear Look Better</td>
</tr>
<tr>
<td><strong>R</strong></td>
</tr>
<tr>
<td><strong>RICHARDS, S. W. (G1CWB)</strong></td>
</tr>
<tr>
<td>Simplified SSB Generator</td>
</tr>
<tr>
<td><strong>RILEY, W. H. (G33GOC)</strong></td>
</tr>
<tr>
<td>Adaptor for SSB Reception, All-Band Aerial Tuning Unit</td>
</tr>
<tr>
<td><strong>ROBSON, J. E., B.Sc., A.M.I.E.E</strong></td>
</tr>
<tr>
<td>Notes on VHF Choices</td>
</tr>
<tr>
<td>120-Watt Three-Band Transmitter</td>
</tr>
<tr>
<td><strong>ROONEY, R. L. (W2CQI)</strong></td>
</tr>
<tr>
<td>Lecher-Line Device for TVI Exploration</td>
</tr>
<tr>
<td><strong>S</strong></td>
</tr>
<tr>
<td><strong>SANDALL, B. M. (G3LIG)</strong></td>
</tr>
<tr>
<td>Some Modifications for the CR-100</td>
</tr>
<tr>
<td><strong>SASSOON, G. T. (G3IZK)</strong></td>
</tr>
<tr>
<td>Modulator Driver Unit, Part I</td>
</tr>
<tr>
<td><strong>SPOONER, N. P. (G2NS)</strong></td>
</tr>
<tr>
<td>Vertical Aerial System for All Bands</td>
</tr>
<tr>
<td><strong>SYDENHAM, E.S.B. (G3LOK)</strong></td>
</tr>
<tr>
<td>Heterodyne Frequency Meter, and Power Supply Unit</td>
</tr>
<tr>
<td><strong>T</strong></td>
</tr>
<tr>
<td><strong>TALBOT, J. (G3MYV)</strong></td>
</tr>
<tr>
<td>Twenty-Five Watts of Audio</td>
</tr>
<tr>
<td><strong>TAYLOR, A. D. (GWSPG)</strong></td>
</tr>
<tr>
<td>More Watts at Less Cost</td>
</tr>
<tr>
<td><strong>THOMAS, L. H., M.B.E. (G5QB)</strong></td>
</tr>
<tr>
<td>DX Commentary</td>
</tr>
<tr>
<td><strong>THURLOW, R. F. G. (G3NW)</strong></td>
</tr>
<tr>
<td>Phutile Phonetics</td>
</tr>
<tr>
<td><strong>TUKE, J. B. (G3BST)</strong></td>
</tr>
<tr>
<td>America Revisited</td>
</tr>
<tr>
<td><strong>V</strong></td>
</tr>
<tr>
<td>&quot;VOX&quot; (amor.)</td>
</tr>
<tr>
<td><strong>W</strong></td>
</tr>
<tr>
<td><strong>WALKER, J. N., G5MLJ</strong></td>
</tr>
<tr>
<td>Doppler Effect, or What?</td>
</tr>
<tr>
<td><strong>WALTHAM, R. (G3IBB)</strong></td>
</tr>
<tr>
<td>Feeding the Top Band Dipole</td>
</tr>
<tr>
<td><strong>WESTON, P. R.</strong></td>
</tr>
<tr>
<td>The Tunnel Diode</td>
</tr>
<tr>
<td><strong>WOOLHOUSE, H. O., M.A. (G3MFW)</strong></td>
</tr>
<tr>
<td>A Hole in the Wall</td>
</tr>
<tr>
<td><strong>WOOLLEY, S. (G8RQ)</strong></td>
</tr>
<tr>
<td>Simple Auto-Key</td>
</tr>
<tr>
<td><strong>WORTHINGTON, J. (G3COI)</strong></td>
</tr>
<tr>
<td>Cartoons</td>
</tr>
<tr>
<td>Fred's Temporary Move</td>
</tr>
</tbody>
</table>
GENERAL CROSS-REFERENCE INDEX

AERIALS AND AERIAL SYSTEMS
Aerial assemblies, commercial, S V S Dec 538
Aerial design, 4 metres Jan 598
Aerial, lead-through, wall... Jan 603
Aerials, Feeder and ATU's, Rx... Sep 368
Aerials, fundamental principles, Rx Jul 255
All-Band Aerial Tuning Unit Feb 634
Feeding the Top Band Dipole. Oct 409
Height v. Radiation Resistance Oct 410
Loading up a Ground Plane, Tx Oct 406
Mosley V-4-6 Vertical System Oct 406
Small aerial installations May 142
Vertical Aerial System for All Bands Oct 406

AMENDMENTS AND CORRECTIONS
Adapter for SSB Reception (November issue) Dec 535
Brimar Valve Note (May issue) Jan 187
Cascade Converter for Two Metres (July Issue) Aug 293
CW Transmitter for Top Band (April issue) May 123
Feeding the Top Band Dipole (October issue) Nov 493
Multi-Transmitter Design (August issue) Sep 379
SWL (November issue) Dec 535
Transistorised Audio Oscillator (November issue) Jan 590

DX ITEMS
Blanket Island DX-Pedition Aug 322
CQ World-Wide DX Contest, 1960 (Rules) Sep 362
DX Achievement Tables --- see "DX Commentary"
DX Certificates, Short Wave Magazine, Issues Apr 84,
July 247, Oct 416, Jan 585
DX Certificates, Short Wave Magazine, Rules and Conditions
"DX Commentary" Monthly
DX Demonstration by GSCY Oct 434
DX Zone Map (revised) Oct 434
EDX on VHF May 150, Jun 206, Sep 373, Nov 484,
Dec 542, Jan 597, Feb 654
Emergency Working in India Sep 366
Finding the DX, S.W.L. Jan 592
GW3ITD/MM — DX Cruise Feb 657
"Non-Cubical Quads" Dec 530, Jan 586, Feb 641
Nyasaland DX-Pedition Apr 101
QRP from Monaco Sep 365
RTTY Activity, News About Dec 541
Tunnel Diode Transmitter (DX Result) May 131
ZMT/DA Expedition The May 131

EDITORIALS
Christmas Dec 513
Congo.. Aug 287
Defence Oct 401
Jergens Mar 9
Modes.. Apr 65
Organisation Sep 343
Prentice Feb 623
Rough. May 119
Schemes Jan 567
Show Nov 457
VHF Jun 175
807 Jul 231

EXCITERS, DRIVE OSCILLATORS AND VFO's
Crystal-Mixer VFO, HF bands, complete design Nov 463
Hartley VFO, 5 mc, SSB Feb 351
VFO-Exciter, Panda Cub Jul 242

Page
VFO-Exciter, 10-15-20 metres. Jun 178
VFO, for multi-band transmitter Aug 292
VFO, Franklin, Top Band. Apr 73
VFO, Heathkit DX-100U design. Mar 20
Oscillator, crystal controlled, transistor, 160m Jul 233
Oscillator, SSB reception Nov 459

GENERAL INFORMATION — PARAGRAPH ITEMS
All Done by Mirrors.. Nov 493
Amateur Licence Figures Jun 303, Oct 228
Amateur Radio Exhibition, 1960 (Report) Dec 538
Amateur Radio Exhibition, 1960 — Echo Feb 638
Amateur Television Convention May 146
Amateur Television Exhibition Sep 347
Amateur TV Test, Progress Feb 639
American Amateur Radio Magazines Jul 270
Another Piracy Prosecution Aug 314
Army Amateur Organisation Feb 502
Army W.R. Amateur Radio Society Jul 269
Approaching Mobile Season Feb 635
Auto-Morse Sender. Jul 240
Autonomen Division, N.P.L. May 146
BBC Features Amateur Radio Mar 37
B.I.C.C test installation, 25 kV coil Nov 483
Boys' Club Station Apr 77
British TV Should Change to 625-Line Jul 238
Canadian Amateur Regulations May 149
Cards in the Box.. Feb 652
Century Award, R.A.F.A.R.S... Mar 47
Commercial Mobile Radio (channels, 165-173 mc band) Jan 577
Construction Competition, The Apr 72, Jun 197,
July 254
Contracts for International Aerial, Ltd. Feb 589
Convention on Television and Film Techniques Feb 653
Cosmic Space Ship Jun 213
Delayed "Subject No. 55" Applications Feb 589
Dutch Broadcast Ship Feb 647
Early Issues of the Call Book.. May 577
Echo — Amateur Radio Exhibition, 1960 Jun 638
Editor Would Like to See Mar 37
E.I. QSL Bureau (new address) Jan 590
Electrical Engineers' Exhibition, 1961 Feb 652
Electronics Industry Council Sep 385
Emergency Working in India Nov 466
E.M.I. Electronic Computer Oct 428
Family on the Air Feb 589
Faraday Lectures, 1960-61 Oct 435, Jun 603, Feb 639
Father to Son — 2G2P.. Mar 47
Finding the Market (small advertisements) Apr 314
F.O.C. Membership Jul 274
FSK Converter, The... Jun 603
Getting It on Subscription Apr 68
Getting the Magazine... Jan 583
Getting the Stuff In (mobile) Sep 355
G.P.O. Coast Station, Angelsey Radio — GLV Nov 583
G.P.O. Morse Test — Amateur Licence Feb 653
GTWW on "Voice of America" Jan 596
Heathkit Show and Demonstration.. Apr 72
Henri de France Colour Television System Jun 216
High Frequency Link Equipment for Turkey Jan 205
Highway Robbery Nov 469
GENERAL INFORMATION—PARAGRAPH ITEMS

Index to Vol. XVII. ........................................... May 41
Index to Vol. XVIII. ........................................ Jun 46
Interesting Catalogue Issues. ......................... Apr 23
International Co-Ordination of Time and Frequency Services. ......................... Jun 197
Japanese Amateur Activity. ........................... Apr 77
Joining the Magazine. ................................... Aug 323
Keeping a Check on Nuclear Radiation. .......... Apr 79
Late on the band ............................................. Jul 260
Learning Morse—G3HSC. ................................ Aug 301
Let Us Know .................................................. Sep 370
License Totals, 12th Anniversary. ................. Jan 203, Oct 257
Local Sound Broadcasting. ............................. Aug 314
Long-Wave Frequency Standard (BBC, 200 kc) .................................................................. Jan 582
Look Them Over (Small Ads.). ......................... Apr 97
Making the Most of Meters. ......................... Oct 428
More Money for Radio Astronomy .................... Jul 260
Morse Class for the G.P.O. Test ......................... May 131
Morse in Emergency. ........................................ May 244
Mooney Design for Reception, Special (SWL Aerial) ................................................ Oct 428
Mullard Grant for Research ............................ Nov 385
N.P.I. Annual Report, 1959 ............................. Jun 189
National Radio Show, 1959 ............................ May 133
Net for G3O's .................................................. Nov 491
New "QTH" Page, The .................................... Jul 234
New Radiotelephony Service for Ocean Liners ......................................................... Apr 75
New Year Resolution ........................................ Jun 603
Obtaining DL2 Licences. ................................. Apr 101
Old Periodicals Wanted ................................. May 149
Ordering American Magazines. .................. Aug 317
Penetrating Comment (Anruin Beran on TV) ......................... May 131
Photographs and Articles ............................... Dec 545
Pirate Prosecutions. .......................................... Jul 271
Police Communications Equipment ................. Jul 240
Post Office Remissions ................................. Oct 157
Posted to Washington (G3DKS). ................... Jun 203
Professor Sir Bernard Lovell, Kt., O.B.E., F.R.S, 1952 ................................................ Feb 652
Progress ........................................................ Jul 238
QSLing Letter on the Subject of .................. Oct 420
Radioactive Isotopes. ....................................... Jun 213
Radio Map's Catalogue. ................................. Oct 495
Raymart Band Checker. ................................... Sep 351
Recommended for Amateur Service (Bimaru Valves) ............................................ May 133
Regular Requirement (articles and photographs) No! 477
Repaid After 16 Years. ..................................... Oct 434
Reverting to Radio Frequency Radiation ......... May 123
Research into Temperatures in Outer Space .......... Jun 187
Results of a Contest .......................................... Jun 213
Royal Aux. Air Force Signals Receive Unit ............................... Jan 610
Royal Naval Amateur Radio Society .................. Apr 92, Jul 254,
................................................................................ Aug 322, Jan 602
Russian Propaganda Slph. .............................. Jun 396
Russian Radio Organisation ......................... Apr 106
Send Them Along (photographs) .................... Jul 269
Size of the Industry ........................................... Oct 474
Small Advertisements—Serious Complaint ......... Jan 605
Small Advertisements, The. ............................ Mar 37, Oct 413
Soldering On .................................................. Jul 244
Some City and Guilds Figures ........................ Jul 244
Some City and Guilds Statistics ....................... Feb 467
Some Recent Trends ......................................... Nov 471
Sonerton Radio Aerial Farm .......................... Jul 240
Springfield Boys' Club—G3NHS ........................ May 146
Standard Frequency Transmissions, J.J.Y .............. Dec 537
Stereophonic Broadcasting. ............................. Jun 212
Stick to the Letter .............................................. Jun 203

Suggestion for Christmas .............................. Dec 535
Swiss Amateur Population ............................. Jan 610
Television Licence Increase ............................... Apr 106
Television System for Orkney .......................... Jul 244
Thanks to Many Readers. ............................... Jan 596
Third Scout Radio Jamboree ............................ Aug 324
Trans-Atlantic Cable Failure ............................ Aug 153
Transistorised Power Supplies ........................ Mar 41
Tunnel Diode Transmitter ............................. Jan 574
Unlicensed Transmission ................................... May 131
USKA—New QTH ............................................ Sep 347
Visit to America (G3JUB) ................................. Jul 260
Visit to Sweden (G3JUB) ................................. Jul 260
"Voice of America" Amateur Radio Broadcasts ...... Jul 270
Were You Listed Then? ................................. Jan 596
ZL Amateur Population ................................. Oct 435

KEYING AND CONTROL

CW on SSB Transmitters. ................................. Dec 530
Electronic Change-Over System ....................... Apr 78
Key-Controlled Change-Over ............................ Dec 527
Notes on Amateur RTTY Operation, Some .......... Sep 349
Semi-Automatic Morse Key .............................. Oct 410
Simple Auto-Key ............................................ Jun 509
1000-cycles Oscillator, SSB/CW ......................... Feb 629

LICENSING AND THE R.A.E.

Address for Licence Applications (G.P.O.). .......... Nov 492
Address for Examination Details (C. & G.). ....... Nov 492
Amateur Licence Figures .................................. Jun 203, Oct 428
Canadian Amateur Regulations (U.K.-Canada Reciprocity) ........................................ May 149
G.P.O. Morse Test—Amateur Licence .......................... Feb 635
Licence conditions, Monaco, 3A2 ..................... Sep 365
More Amateur Examination News (G.P.O. results, 1960) ..................................... Dec 526
Obtaining DL2 Licences .................................... Apr 101
Organising R.A.E. Courses .............................. Apr 101
Preparing for the R.A.E. .................................. Sep 385
Radio Amateurs' Examination, 1961, Courses for .... Aug 296, Sep 379
Radio Amateurs' Examination, 1960 (Report and Results) ...................................... Nov 492
R.A.E. Question Paper, 1960 ............................. Nov 492
Radio Amateurs' Examination, May 1961 .................. Feb 638
Scholarships for R.A.E. (A.W.R.A.S.) ................... May 123
Success in the R.A.E. (Club result) ........................ Sep 356

MEASUREMENTS AND TEST EQUIPMENT

Avo Transistor Analyser .................................. Jun 189
Crystal Diode RF Monitor ............................... Sep 347
Crystal Calibrator Circuit, 100 kc. ..................... Sep 347
Crystal Calibrator Circuit, 500 kc. ..................... Feb 632
Heterodyne Frequency Meter ............................ Aug 368
Improved Grid Dip Oscillator ............................ Aug 403
Long-Wave Frequency Standard (BBC, 200 kc) ................................................ Jan 582
Magic-Eye GDO, A. .......................................... Jul 237
Making the Most of Meters. ............................. Aug 296, Sep 353,
................................................................................ Nov 499, Jan 575
Raymart Band Checker ..................................... Sep 351
R.E.E. VHF Signal Generator ............................. Nov 353
Resistor Values Quickly ................................. Jun 525
Simple Valve-Voltmeter, A ............................... Jan 185
Standard Frequency Transmission, J.J.Y ................. Dec 537
Taylor Model 61A Signal Generator ..................... Mar 16
Taylor Valve Manual ....................................... Jun 610

MISCELLANEOUS—ARTICLES, FEATURES AND IEMIS

Amateur Radio Exhibition, 1960 (Report) .................. Dec 539
AT Fever — A New Diagnosis (facetious) .................. May 133
RECEIVERS & RECEIVING TECHNIQUES

Adapter for SSB Reception............ Nov 438
Audio Noise Limiter.................. Mar 41
Cascade Converter for Two Metres..... Jul 266
Circuits for Two Metres, some........ May 153
Command receiver, block diagram..... Jan 591
Command receivers, by type and frequency coverage, with IF's............... Jan 592
Converter for Teleprinter Reception... Mar 10

Crystal-controlled Converter for the HF Bands Dec 514
Crystal filter, 8400 kc, SSB........... Feb 631
Double-conversion superhet, block diagram Sep 356
Filter response, practical SSB design Feb 632
HRO, About the, with block diagram Sep 367
Improved Two-Metre Converter......... Jan 578
Improvements for the BC-348Q........ Jan 568
Modifications for the CR-100, Some.... Apr 66
O-Multiplier for the TCS Receiver..... May 142
Receiver power supply, general purpose Apr 30
Redifon R.145 Communications Receiver, detailed description Jun 198
R.109, block diagram.................. Mar 32
R.208, block diagram.................. Mar 33
R.1224A, appearance modification..... Aug 295
Sideband selection circuit, SX-111..... Dec 522
Surplus Converter (R.114) for Two Metres Feb 636
SX-111 Receiver, Hallicrafters, block diagram Dec 520
Transceiver for SSB, 20-metre, receiving section Feb 626

REFERENCES AND USEFUL DATA

Abae for resistor calculations........ Feb 652
Aerial tuning unit, basic arrangement Sep 369
Aerial tuning unit, three-band HF transmitters Jun 181
Aerial tuning unit, 80-10-metre.......... Feb 634
Auto-dot circuit, electronic, Morse key Jan 570
A.2521/A.2599 valves for VHF........ Feb 656
AC mains filter unit.................. Aug 292
Balloon reflection, Echo I............. Oct 432
Band designations.................... Mar 38
Band planning, VHF................... Nov 488
Band, unit of circuit signalling capacity, RTTY Mar 10
BCI, audio amplifier pick-up, cure Aug 321
Beta-gain, transistor, determining May 127
Bi-flar winding, LF................... Aug 321
Bi-flar winding, RF................... Feb 631
British Railways 25 kV overhead collection Nov 483
Call-sign categories.................. Oct 38
Coast Station frequencies............. Mar 38
Coil construction items, sources of supply Oct 426
Coil construction, transmitter......... Oct 423
Coil data, RF, receiver.............. Dec 517
Coil design data, receiver............ Aug 315
Coil design data, pi-section, multi-band transmitter........... May 122
Commercial amplifier, for GDO meter.... Mar 11
Creed Model 75 page-printer (new)....... May 11
Crystal controlled converter, circuit and values Dec 516
Crystal controlled HF Converter, block diagram Dec 515
Crystal filter, 9400 kc, SSB........... Feb 631
Crystal oscillator/VFO, mixing........ Nov 464
Crystal oscillator, 67 mc................ Jan 579
Data for Wide Band Coupler construction Apr 22
Definitions of Power (I.T.U.).......... Mar 38
Dry-cell charging circuit............. Apr 100
Electronic relay circuit.............. Mar 38
Electrostatic voltmeter, attenuator Nov 491
Ferrari level, Tunnel Diode........... Jan 572
FSK Convertor, complete design........ Mar 10
FSK station, amateur, block layout.... Sep 350
Grid-dip oscillator, coil values........ Oct 403
Hallicrafters HT-37 SSB/SSW Transmitter, block diagram Feb 651
Hallicrafters SX-111 Receiver, block diagram Dec 520
REFERENCES AND USEFUL DATA—continued

Hentakit DX-40U, phone modification Page 630
Hentakit DX-100U, block diagram May 130
Hentakit DX-100U, main circuit details Mar 17
HF transformer, design, response curves Aug 317
Input impedance values, various output valves May 148
Keying, to suit.... Oct 411
K.W. ViceroY (SSB)CW Transmitter, main block diagram... Feb 650
Light diode, devices, Raytheon Nov 293
Loading the Mosley V-4-5 Aerial Oct 406
LF Adaptor, Redifon, 15-190 kc June 202
T switching in transmitter changing... Jan 188
Magazine DX Certificates, rules and conditions Nov 474
Metering circuit, switched, voltage/current readings Jan 577
Mobile Operators’ Award, WAC/M. Feb 355
Modulator, balanced, push-pull, SSB... Feb 646
Modulator, balanced, push-pull, SSB Feb 469
Modulator code, audio, for SSB... Sep 346
Modulator, push-pull, 25w, 6L6 Class AB-1... Oct 408
Modulator section, Panda Cub Jul 242
Noise Limiter circuit. Jan 568
PA RF coil, switched for three bands Jun 179
Phase shift networks, design data Nov 460
Phonetic Alphabet (facets) Dec 3455
Power push-pull circuit, for PA or oscillator Apr 77
Power supply, BC-348... Feb 633
Power supply circuit, multi-output... Aug 289
Power supply circuit, using silicon rectifiers Jul 235
Q-Multiplier circuit, for most receivers May 133
QST, Letter on subject October Oct 420
Radio telemeter speed ranges, RTTY Sep 249
Reel-to-reel magnetic circuits Aug 489
Relative power levels—AM, DSB, SSB Dec 519
RF multiplier unit, three-band Jun 178
RF section, Panda Cub Dec 242
Ship Station frequencies Mar 38
Silicon rectifier circuit, 450v... Jul 235
Silicon rectifiers, 1/2 watt, supply note Jun 236
S-Meter, for the CR-100.... Apr 67
Speech amplifier, hi-fi/communications quality Apr 90
Speech amplifier, quality Aug 297
Speech amplifier-modulator, Top Band... Aug 265
Swiss Family Robinson (Disney film), VP4WD Dec 536
Teleprinter bridge circuit, RTTY Ma 15
Three-stage transmitter design Sep 249
Top Band transmitter circuit, transistor Jul 233
Toroid coil, LF Aug 321
Toroid coil, RF Feb 631
Transistor power oscillator circuit... May 125
Transmitter, Type N203, Marconi Oct 427
Tunnels, static, characteristic curves Jun 577
Tunnel diode transmitter... Jan 574
Universal shunt, for multi-range meter Sep 352
Valve voltmeter, magic-eye indicators Jun 186
Vee-beam aerials, receiver... Jul 258
Voltage doubling circuit, HT, two transformers Jul 233
Wide-Band Couplers, construction May 127
6140 single-ended tank circuit, design Aug 292

SINGLE SIDEBAND (SSB)

Adapter for SSB Reception Nov 458
Balanced modulators... Feb 648
Derivation of Sideband signal, SX-111 receiver Dec 526
Filter, 800 kc, for SSB... Feb 631
Filter-type SSB transmitter, block diagram... Feb 650
Hallcrafters HT-37 transmitter, general layout Feb 651
Sideband from the Start... Dec 22
Simplified Sideband Generator (phasing type) Sep 344
SSB Transceiver for Twenty (filter type) Feb 624
SSB section, Redifon R-145 receiver Jun 198
SX-111 Receiver, sideband circuits Dec 22
Tuning SSB signals... Nov 478
Twenty-metre Sideband receiver Feb 629

Twenty-metre Sideband transmitter Page 639
VFO, 5 mc, for SSB Page 629

SWL—LISTENER FEATURE

Aerials, fundamental principles Jul 255
Aerial tuning units and feeders... Sep 368
Command Setting with frequency coverage... Jan 592
Finding the DX... May 145, Jul 259, Sep 370, Nov 481
HPX Ladder, the... May 145, Jul 259, Sep 370, Nov 481

HRO, About the... Jun 143
Jargon, Amateur... Jul 260
Mechanical S-meter... May 144
Power supplies, receiving... Aug 260
Q*er, Command receiver as... Jan 591
Receiver R.109, block diagram and notes Mar 32
Receiver R.208, block diagram and notes Mar 35
Receiving SSB... Mar 35
Receiving Technique... Mar 35
Russian Novice Callsigns... Mar 35
Small Aerial Systems... May 142
“SWL”... Feature, alternate months from Mar 32
SWL Readers’ views and comments... see “SWL” alternate months from Mar 32
SWL Station Details... Mar 34, Jul 256, Nov 480
Tuning SSB Signals... Nov 478

TRANSMITTING EQUIPMENT

Construction of Coils, transmitting Oct 423
Crystal Transmitter for Top Band Oct 423
DX-40U Modifications... May 129, Jul 239
Hentakit DX-100U, 10-80m. CW/Phone Transmitter... Constructional Kit review... Oct 11
Making the Gear Look Better... Aug 201
Making Wide-Band Couplers... May 127
More Power for the Panda Cub Jul 241
Multi-Band Transmitter Design Aug 209
Notes on a Home-Built Station... Sep 355
Pi-Section Inter-Stage Coupling, 5-band transmitter... May 120
Practical Crystal/Mixer VFO... Nov 463
Radio Equipment in Cable Ship Monarch Oct 426
Seven Bands in One Cabinet... Jun 186
Simple Two-Metre Oscillator circuits May 33
Simplified SSB Generator (phasing type)... Sep 344
SSB Transceiver for Twenty (filter type)... Feb 624
Three-Band Transmitter, 10-20m, 120w, CW... Jun 176
Transmitter Transistor, Three-Watt, 160m... Jul 232

VHF/UHF—EQUIPMENT AND OPERATING

A.252/1A.2519 Valves for VHF... Feb 656
AquaMits Meteor Shower (results)... Jun 206
Beacon Stations, VHF... Jun 599
Cascade Converter for Two Metres... Jul 206
Circuits for Two Metres, Some (Rx and Tx).... May 153
Echo Sounding (Balloon Echo) Sep 373, Oct 432
EDX on VHF... see “VHF Bands”... Monthly
Four Metres, getting on... Jan 598
Germands Meteor Shower (results)... Jun 597
Great Aurora Opening (Oct 67)... Nov 484
Improved Two-Metre Converter... Jan 578
Lecher Line Device for Frequency Location Apr 97
Penseco Meteor Shower (results)... Sep 374
Quadrantis Meteor Shower (results)... Feb 654
Radio Telescope at R.R.E.... Jan 599
Surplus Converter for Two Metres (R.114/TR.1986 Modification)... Fed 636
Tabular Matter: All-Time Counties, Annual Counties, Countries Worked, 70-cm. Countries, Two-Meter “Firsts”—see “VHF Bands”... Monthly
Tunnel Diode, The... Jan 571
VHF (Editorial)... Jun 175
“VHF Bands”... Feature, Dec 22
VHF Chokes, Notes on... Jun 204
Zone Plan, reconsidering... Nov 488