

SHORT WAVE MAGAZINE

INDEX
TO
VOLUME V

March 1947—February 1948

(768 pages)

Publishers

The Short Wave Magazine Ltd.
49 Victoria Street, London, S.W.1

Loose Supplement March 1948)

INDEX to VOLUME V

INDEX TO CONTRIBUTORS

	Page
BANTING, H. de Laistre (G3BQ)	June 220
The Transiron Oscillator	June 220
BENNINGTON, T. W.	Oct 472
The Maximum Usable Frequency	Oct 472
BRABROOK, H. (G6BB)	July 274
Overcoming Site Restrictions	July 274
BRAKE, R. F. C. (G8QR)	July 301
VHF and the Lower Atmosphere	July 301
BURNS, F.	May 153
The Quartz Plate	May 153
CARMENT, P. M. (G5WW)	June 212
Checking the Speech	June 212
CHAMBERS, A. G., A.M. Brit I.R.E. (G5NO/ZB1AB)	Oct 464
Pulsed MCW Transmission on VHF	Oct 464
50 Watts with DC Mains	Feb 733
CLARKE, J. H. (G2AAN)	July 293
Another Noise-Limiter Design	July 293
COX, G. H., A.R.C.S. (G3CCD)	Dec 602
Maximum Signal-to-Noise Ratio	Dec 602
CRAWLEY, W. J. (G2IQ)	Mar 44
RF/Mixer Design for VHF	Mar 44
Amateur Band Receiver Design	Aug 336
Converters for Five and Ten	Nov 528
Improving the IF/AF Amplifier	Jan 660
CROSS, A. H. B., Ph.D. (G3FW)	Nov 533
ORP on Eighty Metres	Nov 533
DELAHUNI, R. A. (G4QD)	July 275
Combined Monitor/Break-in Unit	July 275
DEVON, A. J.	Mar-Oct 36, 104, 168, 236, 296, 362, 432, 488
Five Metres	Mar-Oct 36, 104, 168, 236, 296, 362, 432, 488
ELLIOTT, G., B.Sc., A.R.I.C.	Apr 107
5-10 Converter for R1155	Apr 107
GAMMON, P. W. J. (G3VB)	Mar 16
A Band-Switched Exciter	Mar 16
HUM, J. (G5UM)	Mar 23
Transmitter Construction—Fresh Thinking	Mar 23
EF50 as Crystal Oscillator	Apr 84
Transmitter HT Feed	May 151
EF50 TRF Receiver—Last Words	July 279
The Neon Stabilizer	Aug 343
The No-Cost Five	Sep 412
The BC-348 Modified	Nov 540
JOHNSON, W. (G2IN)	June 208
5-10 Exciter/Transmitter Unit	June 208
JOHNSON, W. (G2IN) and FENNESSY, J. R.	Sep 400
M.I.R.E. (G5ZD)	Sep 400
19x Franklin Driver	Sep 400
KNIGHT, E. A. (G3BNZ)	Jan 668
The Problem of Interference	Jan 668
More About Curing TVI	Feb 735
KNOCK, D. B. (VK2NO)	Oct 486
Thoughts from VK	Oct 486
KNOWLES, R., B.A. (G3AAI)	Apr 80
Anode Follower for Audio Gain	Apr 80
Local Oscillator Design	Nov 537
LUCKETT, W. R., A. Brit I.R.E.	Mar 21
A Noise-Silencer Unit	Mar 21
MARCUS, K. E.	Apr 91
Simplified Coverage Calculations	Apr 91
McDERMID, I. D., A.R.T.C. (GM3ANV)	Aug-Feb 346, 411, 477, 543, 605, 667, 729
Twenty-Metre DX Forecast	Aug-Feb 346, 411, 477, 543, 605, 667, 729
MERRIMAN, G. (G6NC)	Oct 467
Weak-Signal Receiver Design	Oct 467
MORGAN, G. P. (G8DV)	June 215
Design for Multi-Band Aerial	June 215
NORIH, F. J. (G2CDD)	July 291
The Scatterbacks	July 291
O'HEFFERNAN, HILTON (G5BY)	Sep 404
Five-Metre Beams	Sep 404
High Gain VHF Converter	Feb 720
OLD TIMER, THE	Apr 112
Off the Air	Apr 112
OLIVER, W. (G3XT)	Apr 90
One Watt can Still Work Wonders	Apr 90
New Amateur Procedure Code	Feb 730
OSTLE, J. (G2DYV)	Apr 115
Adding Mains Voltage	Apr 115
Noise Limiter for the HRO	June 218
RICHARDS, L. (G3YM)	Oct 470
Ground-Plane System for Twenty	Oct 470
RUSSELL, O. J., B.Sc., A. Inst. P. (G3BH)	Mar 46
More About VHF Propagation	Mar 46
Frequency Halving Circuit	July 277
SPOONER, N. P. (G2NS)	Apr 87
Concrete Evidence	Apr 87
Muting the AR88	July 282
STALLWORTHY, F. E. (G8WS)	July 270
Twenty-Metre Signal Squitter	July 270
STEBBINGS, J., B.Sc. (Eng.)	May 142
Modifying the Type 21 Receiver	May 142
SUTTON, A. G. (G3ADH)	Apr 92
Keying and Metering Systems	Apr 92
SWINNERTON, I. W. (G2YS)	Oct 476
Why Not "G" Districts?	Oct 476
THOMAS, L. H., M.B.E. (G6QB)	Mar-Feb 28, 94, 158, 224, 284, 350, 420, 478, 544, 606, 670, 736
DX Commentary	Mar-Feb 28, 94, 158, 224, 284, 350, 420, 478, 544, 606, 670, 736
How Not to Climb a Tree	Dec 614
High Power Driver Unit	Jan 656
The Synchronyne Receiver	May 155, Dec 598
WESTLAKE, E. R. (G6KR)	May 149
Simple Modulator for the CO/PA Transmitter	May 149
WILLIAMS, E. J. (G2AKY)	Oct 474
More on Crystal Grinding	Oct 474
WILLIAMS, E. J. B.Sc. (G2XC)	Nov-Feb 554, 618, 678, 744
Five Metres	Nov-Feb 554, 618, 678, 744
WOOD, R. F.	Oct 494
Simplified Formula for Oscillator Tracking	Oct 494
WRIGHT, A. B. (G6FW)	Dec-Jan 592, 662
100 Watts for Ten and Twenty	Dec-Jan 592, 662
Inexpensive 100-watt Modulator	Feb 725

GENERAL INDEX

A	
ABCC	Mar-Apr 51, 117
Absorption Wavemeter	May 175
Adding Mains Voltage	Apr 115
Aerial Design	June 241
Aerial Design, Beam	May 157
Aerial Directivity, Changing	Aug 360
Aerial, Folded	May 174
Aerial, Ground-Plane for Twenty	Oct 470
Aerial, Multi-Band	June 215
Aerial, Omni-directional	July 274
Aerial Polarisation, 144 mc.	Feb 749
Aerial, Rotary Beam	July 270
Amateur Bands, The	Apr 93, May 183, July 295, Oct 497
Amateur Bands, Planning	Apr 116
Amateur Frequency Allocations, The New	Sep 409
Amateur Influence	Feb 757
Amateur NBFM	Nov 553

	Page
Amateur Organisation, New	Mar 27
Amateur Procedure Code New	Feb 730
Amateur Radio and UNO	July 303
Amateur Radio Exhibition	Nov 551, Jan 687
Amateur Radio, German	Oct 495, Nov 551
American Valve Ratings	Apr 99
Anode Follower	Apr 80
Anomalous Propagation	July 301
Appeal, The Polish	Jan 686
AR88, Muting The	July 282
Articles for Publication	Oct 502
Aurora	Apr 104, May 168
Australian Note	May 148
Australian 27 mc Band	July 295

B

Back-Issue Material, Reproducing	June 235
Back Number Note	Nov 551
Band-changing Turret	Nov 539
Band-planning	Apr 116, Nov 527
Band-switched Exciter	Mar 16
Band, The 144 mc	Nov 556
Bands, The New	Oct 497
Battery Receiver, "All-Mains"	Aug 361
BC-348 Modified, The	Nov 540
Beam Aerial Components	Sep 428
Beam Aerials, Five-metre	Sep 404
Beam Rotary	July 270
BIRE Convention	June 235
Birthday Note	Dec 601
Break-in	July 275
British Old Timers' Club	Jan 666, Feb 752
British Permits for D2's	Feb 731

C

Call Book, The	Apr 114, Nov 551
Calls Heard	34 102, 164, 231 290, 358, 426, 484, 560, 612, 624, 676 742
Canadian Generosity	Dec 615
Cathode Bias	Apr 82
Change-over Switch	Aug 360
Communications Undertakings, New	May 172
Concrete Evidence	Apr 87
CONTESTS—	
ARRL DX	116 728
Club	495, 499, 551, 563, 689
Five-Metre	38-40, 684, 747
Five-Metre Relay	171, 239
FOC	359 427, 485
PA DX	495
Swiss	165
Converter for R1155	Apr 107
Converters for Five and Ten	Nov 528
Converter VHF High Gain	Feb 720
Countries, How Many	June 230
Coverage Calculations, Simplified	Apr 91
Crystal Exchange	35, 148, 303 371 429 495, 615, 687, 753
Crystal Grinding, More on	Oct 474
Crystal Oscillator, EF50 as	Apr 84
Crystals, Quartz	May 153
Crystals, Receiver	Aug 349
Crystal Units Type 2	Apr 114

D

DC Mains, 50 watts with	Feb 133
Dinner, "5-metre Band"	Feb 747
Dorothy Hall, W2IXY	Aug 371
Driver Unit, High Power	Jan 656
Dropping HI Voltage	Aug 361
Ducting	Aug 362
DX Commentary	Mar-Feb 28, 94, 158, 224, 284, 350, 420, 478, 544, 605, 670, 736
DX Forecast	Mar-Aug 32, 99, 163, 228, 288, 356
DX Forecast, Twenty-Metre	Aug-Feb 346, 411, 477, 543, 605, 667, 729

E

Eddystone '640' Receiver	June 232 Dec 615 Jan 687
EDITORIALS—	
Birthday	Mar 15
Equipment	Apr 79
Conference	May 141
Menace	June 207

	Page
Home-Cooked	July 260
Experiment	Aug 335
Achievement	Sep 399
Reflection	Oct 463
Band Planning	Nov 527
Christmas	Dec 591
Resolutions	Jan 655
Finance	Feb 719
EF50 as CO	Apr 84
EF50 TRF Receiver	July 279
Examination, Radio Amateur	Mar 56 Dec 615
Exciter Band Switched	Apr 84
Exciter Units	Mar 16, 23, 26 Apr 84, Sep 400, Jan 656
Exciter-Transmitter Unit 5/10	Jan 687
Exhibition, Amateur Radio	Nov 551 Jan 687
Exhibition, RCMF	Dec 597
Expander, Radiovision 5/10	July 304

F

Fifty-mc Permit, The	Jan 680
First Class Operators' Club	35, 103, 173, 281, 359, 427 485 542, 616, 686
Five-Metre Beams	Sept 404
Five-Metre Contests	38-40, 171, 239, 684
Five-Metre Counties Worked	105, 171, 238, 369, 437, 488 560, 748
Five-Metre Countries Worked	368, 432, 493, 556
Five-Metre Firsts	365, 436
Five-Metre Relay Contest	171 239
Five Metres	Mar-Feb 36, 104, 168 236, 296, 362, 432, 488, 554, 618 678 744
F-M Tests	July 292
F-M, Narrow Band	Nov 553
Franklin Driver, "T9x"	Sep 400
Frequency Allocations	Sep 409
Frequency-Halving Circuit	July 277

G

G Districts, Why Not?	Oct 476 Jan 687
German Amateur Radio	Oct 495, Nov 551
Great Circle Map	May 166, Dec 629 Feb 753
Grid-Dip Oscillator	May 172
Grounded Grid Triode	Mar 41, Apr 107
Ground-Plane Aerial System	Oct 470

H

Half-Guinea Ideas Readers	Apr 103, May 174, Aug 360
Hambander, The	Jan 687, Feb 750
Headphone Design, New	Nov 553
Here and There	116, 173, 235 303, 371, 429, 495, 551, 615 687, 753
How Not to Climb a Tree	Dec 614
HRO, Noise Limiter for the	June 218

I

IF/AF Amplifier	Aug 336
IF/AF Amplifier, Improving the	Jan 660
Interference, Television	Jan 668, Feb 735
International Telecommunications Union	Mar 56, Apr 116

K

Keying and Metering Systems	Apr 92
-----------------------------	--------

L

Licence, Getting a	May 178
List of International Prefixes	June 230
Local Oscillator Design	Nov 537
Loop-Lamp Device	Aug 360
Lower Atmosphere, VHF and the	July 301

M

Magazine Articles, Reproducing	Dec 629
Mains Voltage, Boosting	Apr 115
Map, Great Circle	May 166, Dec 629, Feb 753
Masts, Aerial	Apr 87
Mixer Noise	Nov 528
Mixer, RF—Design for VHF	Mar 44
Modulator, 100-watt	Feb 725

Modulator for CO/PA Transmitter	Apr	149
Modulators, QRO	Aug	349
Monitor/Break-in Unit, Combined	July	275
Monitors, Telephony	June	212
Month with the Clubs	52	179, 244, 308, 372, 499, 563, 627, 689, 755
More Room for More Stations	Feb	752
MUF	Oct	472
Muting the AR88	July	282

N		
Neon Stabilisers	Aug	343
Neutralising Condenser	May	174
No-Cost Five The	Sep	412
Noise	Dec	602
Noise Limiter Design, Another	July	293
Noise Limiter for HRO	June	218
Noise Silencer	Mar	21
Noise Suppression	Mar	43

O		
Obituary: Air/Cdre H Leedham, C.B., O.B.E.		
	Dec	615
Off the Air	Apr	112
Old Timer Note	Feb	753
Old Timers Club, British	Jan	666, Feb 752
Old Timer YL	May	148
Oscillator Design, Local	Nov	537
Oscillator Tracking, Simplified Formula for	Oct	494
Oscillator, Transatron	June	220

OTHER MAN'S STATION—		
EISJ	Mar	50
ZB1AB	Apr	119
G2SA	May	177
G4OY	June	243
G3AAS	July	307
G2BCX	Aug	357
G3SN	Sep	438
ZL3AW	Oct	498
G3AAE	Nov	562
G8PP	Dec	626
G8CD	Jan	677
G2BB	Feb	743
Overcoming Site Restrictions	July	274

P		
Pacific Contacts, Five Metres	Apr	106
Parasitic Suppression	Dec	595
Permits for D2's, British	Feb	731
Pcrmit, The 50-mc	Jan	680
Pierce Oscillator	July	277
Points on 9-pin Valves	Aug	361
Polish Appeal, The	Jan	686
Prefixes, List of International	June	230
Principles of Short Wave Reception	July	283
Procedure Signals	May	172
Propagation Conditions	July	296
Propagation, VHF	Mar	46
Pulsed MCW Transmission on VHF	Oct	464, Nov 551

Q		
QRP on 7 mc	Apr	90
QRP on 80 Metres	Nov	533
QSL Bureau	27, 56, 102, 173, 241, 278, 355, 566, 693	
QSL Bureau, The D2	371, 676	
QTH s, DX	33, 162, 229, 288, 354, 424, 482, 548, 610, 675, 740	
QTH s, New	48, 118, 176, 242, 306, 370, 430, 496, 552, 616, 688, 754	
Quartz Plate, The	May	153

R		
Radio Exhibition, Radiolympia	Sep	429
Radio Exhibition, Amateur	Nov	551, Jan 687
Radiolympia	Sep	429, Oct 469
Radiovision 5/10 Expander	July	304
RAE Results, May	Dec	615
RCMF Bulletins	May	148, Oct 473
RCMF Exhibition	Dec	597
Readers' Half-Guinea Ideas	Apr	103, May 174, Aug 360
Receiver Crystals	Aug	349
Receiver Design, Amateur-Band	Aug	336

Receiver Design, Weak-Signal	Oct	467
Relay Trip Device	May	175

S		
Safety Factor	Apr	116
Safety Thought	Feb	724
Scatterbacks, The	July	291
Services, Magazine	Apr	116
Sig/Noise Ratio, Maximum	Dec	602
Single-Sideband	Feb	752
Six-Metre Band	554, 618, 622, 678, 682, 744	
Six-Metre First Contacts	Dec	625
Six-Metre Permits	Feb	744
Solariscope, The Fisk	Dec	625
Soldering, Note on	Nov	553
Small Parts, Stowing	May	175
Speech, Checking The	June	212
Sporadic-E	291, 297, 362, 432, 488, 554, 621, 681	
Standard Frequency Transmissions, WWV	May	150
Statistical Note	Dec	617
Swiss Contest	May	165
Swiss Mountain Day	Oct	495
Swiss Outing	Aug	371
SWL Reports	Apr	103
SWL Report Service	Dec	617
SWL VHF Section	Feb	749
Synchrodyne Receiver	May	155, June 235, Dec 598

T		
Television, Reception at DX	Mar	48
Ten and Twenty, 100 watts for	Dec	592, Jan 662
Thoughts from VK	Oct	486
"Time Marches On"	Mar	22
Tracking, Oscillator	Oct	494
Transatron Oscillator, The	June	220
Transmitter Construction	Mar	23
Transmitter HT Feed	May	151
TRF Receiver, The EF50, Last Words	July	279
Tri-tet Oscillator	Mar	16
Tuning without Seeing	Aug	342
Turret, Band-Changing	Nov	539
TVI	Jan	668, Feb 753
TVI Curing	Feb	735
TVI in America	Feb	751
Twenty-Metre DX Forecast	Aug-Feb	346, 411, 477, 543, 605, 667, 729
Twenty-Metre Signal Squirter	July	270

U		
UHF	Sep	428
Undercover	Nov	550
Unlicensed Operator	Oct	495
Useful Tools	June	235

V		
Valve Ratings, American	Apr	99
Variable Coupling Device	May	175
Variable Inductance Tuning	July	276
VFO	Mar	16
VHF Allocations, New	Oct	489
VHF and the Lower Atmosphere	July	301
VHF Future of	Oct	488
VHF, Mixer Design	Mar	44
VHF Propagation	Mar	46
VHF Pulsed MCW on	Oct	464
VHF Section, New SWL	Feb	749
VHF Survey, 144 mc	Feb	748

W		
WAZ	96, 100, 160, 226, 286, 352, 422, 480, 546, 608, 674, 738	
Wavemeter, Absorption	May	175

Y		
YL Old Timer	May	148
YLRL, The	Aug	349
"You and Who Else?"	Apr	99

Z		
Zone Map	166, 173, 235, 303, 429, 753	