

# SHORT WAVE MAGAZINE

(GB3SWM)

## INDEX TO VOLUME XXXVI

MARCH 1978 — FEBRUARY 1979

*Publishers:*

The Short Wave Magazine Ltd ,  
34 High Street, Welwyn,  
Herts. AL6 9EQ  
(04-3871 5206 and 5207)

*Editor:*

Paul Essery (G3KFE/GB3SWM)

---

*Free Loose Supplement, April 1979*

# INDEX TO PRINCIPAL ARTICLES

*Alphabetically by Titles*

	<i>page</i>		<i>page</i>
Amateur Radio—		Law of Murphy, The	<i>Jan/Feb</i> 704
Communication or Technology, or Both?		Leicester 78	<i>Oct</i> 484
Part II	<i>Mar</i> 32	Mains Inverter, A	<i>Dec</i> 630
Part III	<i>Apr</i> 92	Mains, The	<i>Dec</i> 627
Part IV	<i>Jun</i> 224	Memory Addition for the G4CIK Morse Keyer	<i>Sep</i> 424
Part V	<i>Aug</i> 356	Mobile Rally Season—1978. Points Silent	
Part VI	<i>Oct</i> 486	Keys— <i>Editorial</i>	<i>Mar</i> 19
Part VII	<i>Dec</i> 616	Mobile Rally Season—1978	<i>May</i> 180
'And It Had An Ivory Knob'	<i>Jun</i> 228	Month With the Clubs, The— <i>Feature</i>	<i>Monthly</i>
Antennas—The Weak Link		More Bits and Pieces, Just for Starters	<i>Aug</i> 360
Part I: Propagation	<i>Mar</i> 28	Multi-Mode with the NR-56 FM Monitor	
Part II: Wave Angle, Directivity and Gain	<i>Apr</i> 102	Receiver	<i>Oct</i> 498
Part III: The Low Wave Angle	<i>May</i> 174	Other Man's Station, The—G4AYG	<i>June</i> 239
Part IV: Directivity and Gain	<i>Jul</i> 287	Point of View	<i>Jan/Feb</i> 707
Part V	<i>Sep</i> 415	QTH's, New	<i>Apr</i> 114
Part VI	<i>Nov</i> 556	QIH's, New	<i>Aug</i> 372
Part VII	<i>Jan/Feb</i> 679	QIH's, New	<i>Nov</i> 572
Article Competition— <i>Editorial</i>	<i>Jan/Feb</i> 675	R A E., Changes in the	<i>Apr</i> 99
Audio Speech Amplifier and Clipper	<i>Dec</i> 624	R A E., 1978-79, Courses for the	<i>Sep</i> 433
BOOK REVIEWS:		R A E., Q and A.	<i>Jan/Feb</i> 687
"ARRL" 'Learning to Work With Inte-		Reverse Repeater on the Trio TS-700	<i>Apr</i> 105
grated Circuits'	<i>Jun</i> 227	RSGB— <i>Editorial</i>	<i>Aug</i> 374
Communication and DX News— <i>Feature</i>	<i>Monthly</i>	RSGB— <i>Editorial</i>	<i>Nov</i> 547
Constant Deviation Compressor for a Two-		Russian Roulette	<i>Jan/Feb</i> 698
Metre Transmitter	<i>Jan/Feb</i> 706	Simple Solar Radio-Telescope, A	<i>Jul</i> 302
CW Saga	<i>Dec</i> 625	6000 Kilometres-Plus on Two Metres	<i>Aug</i> 352
Delay— <i>Editorial</i>	<i>Oct</i> 479	Stornoway on Forty Metres, From	<i>Oct</i> 503
Digital Frequency Meter, A Part I	<i>May</i> 167	Story With a Difference, A	<i>Dec</i> 629
Digital Frequency Meter, A Part II	<i>Jun</i> 230	Switched Selectivity for the Yaesu-Musen	
'Direx', The	<i>Apr</i> 100	FRG-7 Receiver	<i>Jul</i> 296
Geoff Watts— <i>A Profile</i>	<i>Sep</i> 434	"SWL"— <i>Listener Feature</i>	<i>Alternate Months</i>
Getting Going on Oscar 8	<i>Apr</i> 98	Top Band for Next to Nothing	<i>Sep</i> 422
Hamstrung	<i>Aug</i> 354	Twelvemonths— <i>Editorial</i>	<i>Apr</i> 87
Hiccup— <i>Editorial</i>	<i>Dec</i> 611	Untimely Inefficiency— <i>Editorial</i>	<i>Jun</i> 219
High Frequency Converter, A	<i>Jan/Feb</i> 694	Useful 45 MHz Crystal Oscillator, A	<i>Nov</i> 566
Improving the Liner-2 Receive Section	<i>Jul</i> 291	VHF Bands	<i>Monthly</i>
IRI for the Heathkit 'SB' Range of Trans-		Watching Sunspots	<i>Apr</i> 113
ceivers	<i>May</i> 159		
Justification— <i>Editorial</i>	<i>Sep</i> 411		

# PRINCIPAL ARTICLES—BY ISSUES MONTHLY

Features which appear every month are not included

## MARCH 1978

Amateur Radio—Communication or Technology,  
or Both? Part II  
Antennas—The Weak Link. Part I: Propagation  
Mobile Rally Season—1978 Points. Silent Keys—  
*Editorial*  
“SWL”—*Listener Feature*

## APRIL 1978

Amateur Radio—Communication or Technology,  
or Both? Part III  
Antennas—The Weak Link. Part II: Wave Angle,  
Directivity and Gain  
‘Direx’, The  
Getting Going on Oscar 8  
QTH’s, New  
R.A.E., Changes in the  
Reverse Repeater on the Trio TS-700  
Twelvemonths—*Editorial*  
Watching Sunspots

## MAY 1978

Antennas—The Weak Link, Part III: The Low  
Wave Angle  
Digital Frequency Meter, A. Part I  
IRT for the Heathkit ‘SB’ Range of Transceivers  
Mobile Rally Season—1978  
“SWL”—*Listener Feature*

## JUNE 1978

Amateur Radio—Communication or Technology,  
or Both? Part IV  
‘And It Had An Ivory Knob’  
Book Review—ARRL ‘Learning to Work with  
Integrated Circuits’  
Digital Frequency Meter, A. Part II  
Other Man’s Station, The—G4AYG  
Untimely Inefficiency—*Editorial*

## JULY 1978

Antennas—The Weak Link, Part IV:  
Directivity and Gain  
Improving the Liner-2 Receive Section  
Simple Solar Radio-Telescope, A  
Switched Selectivity for the Yaesu-Musen FRG-7  
Receiver  
“SWL”—*Listener Feature*

## AUGUST 1978

Amateur Radio—Communication or Technology,  
or Both? Part V  
Hamstrung

More Bits and Pieces, Just for Starters  
QTH’s, New  
RSGB—*Editorial*  
600 Kilometres-Plus on Two Metres

## SEPTEMBER 1978

Antennas—The Weak Link, Part V  
Geoff Watts—*A Profile*  
Justification—*Editorial*  
Memory Addition for the G4CIK Morse Keyer  
R.A.E., 1978-79, Courses for the  
“SWL”—*Listener Feature*  
Top Band for Next to Nothing

## OCTOBER 1978

Amateur Radio—Communication or Technology,  
or Both? Part VI  
Delay—*Editorial*  
Leicester ‘78  
Multi-Mode with the NR-56 FM Monitor Receiver  
Stornoway on Forty Metres, From

## NOVEMBER 1978

Antennas—The Weak Link, Part VI  
QTH’s, New  
RSGB—*Editorial*  
“SWL”—*Listener Feature*  
Useful 45 MHz Crystal Oscillator, A

## DECEMBER 1978

Amateur Radio—Communication or Technology,  
or Both? Part VII  
Audio Speech Amplifier and Clipper  
CW Saga  
Hiccup—*Editorial*  
Mains Inverter, A  
Mains, The  
Story With a Difference, A

## JANUARY/FEBRUARY 1979

Article Competition—*Editorial*  
Antennas—The Weak Link, Part VI  
Constant Deviation Compressor for a Two-Metre  
Transmitter  
High Frequency Converter, A  
Law of Murphy, The  
Point of View  
R.A.E. Q. and A  
Russian Roulette  
“SWL”—*Listener Feature*

available at 45p post paid

# INDEX TO CONTRIBUTORS

	<i>page</i>		<i>page</i>
ASHTON, A. P. (G3XAP)		GLAISHER, R. L. (G6LX)	
Antennas—The Weak Link		IRT for the Heathkit 'SB' Range of	
Part I: Propagation	<i>Mar</i> 28	Transceivers	<i>May</i> 159
Part II: Wave Angle, Directivity and		GORDON, David	
Gain	<i>Apr</i> 102	Law of Murphy, The	<i>Jan/Feb</i> 704
Part III: The Low Wave Angle	<i>May</i> 174	HOULT, N. (G4CIK)	
Part IV: Directivity and Gain	<i>Jul</i> 287	Memory Addition for the G4CIK Morse	
Part V	<i>Sep</i> 145	Keyer	<i>Sep</i> 424
Part VI	<i>Nov</i> 556	JOHNSON, D. H. (G6DW)	
Part VII	<i>Jan/Feb</i> 679	Story With a Difference, A	<i>Dec</i> 629
ANDERSON, G. P. (G2QY)		KEMPT, N. H. (G3NRB)	
Watching Sunspots	<i>Apr</i> 113	High Frequency Converter, A	<i>Jan/Feb</i> 694
BARKER, R.		NEWMAN, P. I. (G8HUU)	
Switched Selectivity for the Yaesu-Musen		Improving the Liner-2 Receive Section	<i>Jul</i> 291
FRG-7 Receiver	<i>Jul</i> 296	POOLE, I. D., B.Sc.(Eng.), (G3YWX)	
BRADFORD, D. J. (G3LCK)		Audio Speech Amplifier and Clipper	<i>Dec</i> 624
'And It Had An Ivory Knob'	<i>Jun</i> 228	Useful 45 MHz Crystal Oscillator	<i>Nov</i> 566
COOMBES, Angela		REED, C. J. (G8MFP)	
Hamstrung	<i>Aug</i> 354	Simple Solar Radio-Telescope, A	<i>Jul</i> 302
DAVIS, C. J. (G3VMU)		RHODES, M. (G4FMS)	
Digital Frequency Meter, A. Part I	<i>May</i> 167	CW Saga	<i>Dec</i> 625
Digital Frequency Meter, A. Part II	<i>Jun</i> 230	RIX, L. G., B.Sc. (G3XJW)	
DOBBS, G. C. (G3RIV)		Multi-Mode with the NR-56 FM Monitor	
'Direx', The	<i>Apr</i> 100	Receiver	<i>Oct</i> 498
Top Band for Next to Nothing	<i>Sep</i> 422	SEDGWICK, N. H. (G8WV)	
EVANS, Vincent (G4AVI)		Amateur Radio—	
Stornoway on Forty Metres, From	<i>Oct</i> 503	Communication or Technology, or Both?	
FIICH, N. A. S. (G3FPK)		Part II	<i>Mar</i> 32
Getting Going on Oscar 8	<i>Apr</i> 98	Part III	<i>Apr</i> 92
Russian Roulette	<i>Jan/Feb</i> 698	Part IV	<i>Jun</i> 224
600 Kilometres-Plus on Two Metres	<i>Aug</i> 352	Part V	<i>Aug</i> 356
VHF Bands (Feature)	<i>Monthly</i>	Part VI	<i>Oct</i> 486
FLATT, Terry (G4AZF)		Part VII	<i>Dec</i> 616
Constant Deviation Compressor for a		WEARING, C. (GM8GIQ)	
Two-Metre Transmitter	<i>Jan/Feb</i> 706	Reverse Repeater on the Trio TS-700	<i>Apr</i> 105