

Index 2017

Antenna features

180 & 630m on a 40-10m off-centre fed dipole (Antennas)	28 Sep
20m and 40m helical vertical antennas (Antennas)	30 Apr
80m vertical antenna (Antennas)	26 Oct
Antenna modelling (Antennas)	30 Mar
Asymmetric antenna (Antennas)	24 Jul
Beam antenna mast mounts (Antennas)	24 Aug
Broadband loop antennas (Design Notes)	30 Dec
Computer modelling Yagis (Antennas)	22 Feb
Dipole centres and beam mast mounts (Antennas)	24 Aug
Doublet revisited (Antennas)	40 Dec
Dual-band Yagi, 2m & 70cm (Antennas)	22 Nov
Effective, easily made HF balun, Tony Preedy, G3LNP	44 Nov
End-connected Windom, Robert Brown, MORZF	54 Dec
Forgotten antenna lore and some common myths, Bruce Edwards, G3WCE	32 Sep
Gamma match (Antennas)	28 May
Moxon Rectangle stealth beam for 20m, Chris Zeal, G4BGM	40 Jan
Multiband inverted V antennas – the downsides, Brian Austin, G0GSF	72 May
Multiband switchable dipole, J H Winnard, G3PSE	46 Oct
Off-centre fed dipole multi-band antenna (Antennas)	24 Jun
Open sleeve dipole (Antennas)	22 Nov
Remote compass head unit (Design Notes) (see also 31 Oct)	44 Sep
Selfie-stick Yagi, Kevin Richardson, G0PEK	66 Nov
Unbalanced antennas (Antennas)	46 Jan
Ununs (Antennas)	46 Jan
WR8RW 20m helical vertical (Antennas)	26 Oct

Features

2016 RSGB IOTA Contest, Mike Franklin, G3VYI	74 Jan
80th RSGB Commonwealth Contest, Bob Whelan, G3PJT	56 Sep
80th RSGB Commonwealth Contest, Bob Whelan, G3PJT	16 Mar
Airfields on the Air	62 Jul
Amateur radio on the ISS, Dr Michael Butler, G4OCR	30 Feb
Annual RSGB trophy presentations	22 Jul
Arkwright youngsters get a taste of amateur radio	66 May
AROS on the subject of repeater abuse, Mark Jones, MOMGX	34 Feb
Autumn dates for your diary	53 May
Bouvet Island AN-002, Dr Jeff Cantor, K1ZN	60 Dec
British ARDF Championships 2017, Bob Titterington, G3ORY	58 Jun
Building a reproduction Paraset, Nick Gregory, G0HIK	74 Jun
C6APY DXpedition	44 Jun
Candidates for RSGB Board vacancy	20 Apr
Churches & Chapels on the Air 2016	38 Jan
Circuit function competition	32 Dec
Club of the Year 2015 1st Place Large Club Winners	92 Jun
Club of the Year 2015 1st Place Small Club Winners	91 May
Club of the Year 2015 2nd Place Winners	102 Apr
Club of the Year 2015 3rd Place Winners	90 Mar
Club of the Year 2016 presentations at Hamfest, Giles Read, G1MFG	74 Nov
Club of the Year 2016 3rd Place Small Club	83 Dec
Contesting in 2017, Steve White, G3ZVW	27 Jan
EMC Committee reply to Ofcom article	20 Feb
Essex RAYNET deployed, Pete Sipple, M0PSX	15 Mar
From Spark to Speech, Dr Bruce Taylor, HB9ANY	72 Jul
GBOWM for British Science Week, Adam Hicks, M6OLT	48 May
GB4RME at the Royal Mint, Glyn Jones, GWOANA	78 Nov
Get the best from RSGB publications	57 Jun
Getting started in FM Activity Contests, Steve White, G3ZVW	70 Apr

Gilnahirk revealed, Roger Bradley, M1OWWB	80 Jul
Ham Radio at Friedrichshafen 2017	17 Sep
Hamvention® 2017 photos	10 Jul
HBO/GM4UYE Liechtenstein DXpedition, Billy McFarland, GM00BX	60 Sep
Helping to make YOTA 2017 a success	48 Sep
IARU HF World Championship, Steve White, G3ZVW	63 Feb
IARU R1 ARDF Championships, Robert Vickers	72 Nov
International lighthouses & lightships on the air 2017	62 Nov
International Marconi Day April 2017	61 Jun
International YL Convention, Judith Brooks, G4IAQ	74 Feb
IOTA 2017 from Lundy, EU-120, Colin North, G4GBP	62 Dec
ISS-scatter propagation (VHF/UHF)	70 Feb
ITURHFProp prediction tool usage, Gwyn Williams, G4FKH	54 Jul
Jamboree on the air	64 Jan
Marconi Amateur Radio Circle, Malta, Bill, G3TSM & Steve, 9H1SF	44 Feb
Market surveillance & enforcement at Ofcom, Amy Hemmings	48 Oct
Mills on the Air (MOTA) 2017	42 Aug
Morse is NOT a data mode (Data)	48 Jun
MXOVRC DXpedition to Lundy, Nigel Brown, G0GDA	36 Jan
Nanowave infrared world record (GHz Bands)	72 Feb
National Hamfest	56 Oct
National Hamfest 2017 in pictures	46 Nov
National Hamfest 29 & 30 September	54 Aug
Ofcom's approach VDSL, Mark Walls	44 Jan
Old Timers' Honour Roll	26 Feb
Online amateur radio exams, Ian Shepherd, G4EVK	74 Aug
RSGB 2017 AGM	52 Apr
RSGB Band Plan 2017	38 Mar
RSGB 2016 committee reports	40 Apr
RSGB committee reports	43 May
RSGB Convention & The National Hamfest	64 Jul
RSGB Convention 13-15 October	46 Sep
RSGB Convention 13-15 October	53 Aug
RSGB Convention 2017	22 Dec
RSGB Convention, Graham Murchie, G4FSG	58 Oct
RSGB Report & financial statements 2016	60 Apr
Six Gs expedition to the Chatham Is ZL7G, Don Beattie, G3BJ	66 Mar
Solar eclipse QSO party, Ward Silver, N0AX	22 Aug
SOS Radio Week, Elaine Richards, G4LFM	42 May
South Kesteven ARS goes portable	56 Aug
Super League series results (Sport Radio)	78 Oct
Taking part in the WAB 1.8MHz contest, Ian Moth, G4MBD	40 May
The RSGB Patron	83 Oct
Trying your hand in the new 2m FM Activity Contests	24 May
Update about Islands on the Air, Roger Balister, G3KMA	62 May
Using the Cambridge Community Remote Station, Peter, M0DCV, Michael, G7VJR & Bob, G3PJT	42 Feb
VE3LYC/KL7 from Cooper Island, Alaska, Cezar Trifu, VE3LYC	60 Feb
VHF NFD 2-3 July 2016, Ian Pawson, G0FCT	78 Feb
VK9NZ Norfolk Is 2016 DXpedition, Paul Ormandy, ZL4TT	22 Apr
World Thinking Day on the Air 2017	78 Jun
YOTA 2017	62 Jun
YOTA 2017 – meet the team	16 May
YOTA 2017 5-12 August at Gilwell Park	30 Aug
YOTA 2017, a successful event, Milo Noblet, M0ILO	40 Oct
Youth contest programme visit 9A1A in Croatia, Philipp Springer, DK6SP	74 Oct

Reviews

ANAN-8000DLE SDR transceiver, Peter Hart, G3SJX	38 Nov
bhi ParaPro EQ20-DSP noise reduction filter, Mike Richards, G4WNC	22 Sep

Elecraft KX2, Peter Hart, G3SJX 30 Jan
 FoxRex 3500 ARDF receiver, Bob Titterton, G3ORI 64 Sep
 Hilberling HPA-8000B linear amplifier, Bob Whelan, G3PJT 26 Dec
 Kenwood TH-D74E, Gavin Nesbitt, M1BXF 24 Mar
 Moonraker HT-500D handheld, Richards Staples, G4HGI 62 Oct
 MyDel SWR-001 & SWR-006 SWR and power meter,
 Steve White, G3ZVW 46 Aug
 SDRplay RSP2, Mike Richards, G4WNC 84 Apr
 SG-Lab 2.3GHz transverter, John Worsnop, G4BAO 70 Jan
 Tescun PL-880 all mode receiver, Giles Read, G1MFG 68 Jul
 TowerMate Tilt Plate, Steve Nichols, G0KYA 78 Sep
 TYT TH-8600 dual band mobile, Richard Staples, G4HGI 30 Jul
 WSPRlite, Steve Nichols, G0KYA 42 Jun
 Yaesu FT-891, Peter Hart, G3SJX 78 Mar

Construction & Technical

160m bandpass filter (Homebrew) 18 May
 160m local oscillator (Homebrew) 16 Oct
 160m lowpass filter (Homebrew) 20 May
 160m receive automatic gain control (Homebrew) 18 Sep
 160m receiver and IF amplifier (Homebrew) 18 Jul
 160m transmit amplifier (Homebrew) 16 Dec
 5.6GHz ATV for under £30 (ATV) 84 Sep
 Acronyms & abbreviations (see also <http://tinyurl.com/RC-acronyms>) 90 May
 AD9850 DDS module (Design Notes) 30 Oct
 Amateur deep space reception (GHz Bands) 72 Aug
 Arduino-based SWR analyser, Michael Booth, G8HKS 16 Apr
 Audio splitter, Glenn Loake, G0GBI 62 Sep
 BBC micro:bit and amateur radio, Jonathan Hare, G1EXG 20 Jan
 Cable management system and earth bar pt 1, Andrew
 Churchley, G4EAQ (NB see RSGB Matters, p6 May) 34 Mar
 Cable management system and earth bar pt 2, Andrew
 Churchley, G4EAQ (NB see RSGB Matters, p6 May) 32 Apr
 Component substitution (Design Notes) 26 Nov
 Crystal oscillator and buffer amplifier (Homebrew) 18 Jun
 Digital radio: what's it all about? W L Mahoney, G3TJM 78 Aug
 Diode double-balanced mixer (Homebrew) 17 Jun
 Directional power meters (Homebrew) 72 Mar
 DIY variable capacitor, Bob Cowdery, G3UKB 44 Dec
 Filtering for switch mode power supplies (Design Notes) 36 Feb
 Fractional-N synthesiser (Design Notes) 29 Jun
 Frequency display (Homebrew) 16 Nov
 G3OTK CW transceiver (Design Notes) 46 May
 GB3ORK 5.29MHz beacon upgrade, Andy Talbot, G4JNT 32 Oct
 HF cave radio, Mike Bedford, G4AEE 18 Mar
 Inexpensive GHz band signal source (GHz Bands) 72 Jun
 Keeping an ear on GB3EX, Nick Johnson, MONRJ 16 Aug
 Low cost CS-mount HD video camera,
 Mark Atherton, ZL3JVX 66 Jul
 Microphone amplifier (Homebrew) 18 Jun
 MSHV / LZ2HV software (VHF/UHF) 58 May
 MSHV / LZ2HV software (VHF/UHF) 71 Jun
 Multimeter breakout box, Geoff Theasby, G8BMI 44 May
 Near real-time display of critical frequency, foF2,
 Jim Bacon, G3YLA 28 Jul
 Operating a 24V coaxial replay from a 12V supply,
 George Smith, G9AOJ 56 Feb
 Optical rotary encoder (Homebrew) 17 Nov
 Passive I/Q for HF – twisted wire revisited,
 John Seager, G0UCP 82 Jul
 Phase locked loops (Design Notes) 60 Mar
 PIN attenuators (Design Notes) 27 Nov
 Portsdown digital ATV transmitter, Noel Matthews, G8GTZ 30 Jun
 Practical notes on the UKAC, John Wilkinson, G4HGT 22 Oct
 QRP SWR bridge and return loss bridge (Homebrew) 36 Apr

Radio frequency interference, Dr John Rogers, MOJAV 56 Mar
 Rejecting broadcast station interference, Bob Whelan, G3PJT 68 Apr
 Return loss bridge (Homebrew) 36 Apr
 RF power measurement (Homebrew) 72 Mar
 RF power measurement (Homebrew) 16 Feb
 Rx/Tx switch (Homebrew) 16 Oct
 Safety distances for small HF loops, Dr Peter DeNeef, AE7PD 46 Jun
 Serial interfacing (Design Notes) 46 Jul
 Simple USB CW interface, Billy McFarland, GM0OBX 46 Feb
 Small station 2m & 23cm EME, Dave Reedman, G4DIR 54 Jun
 Software Techniques (Data) 80 Dec
 Splicing coaxial cables (Antennas) 25 Jul
 Switch mode power supply unit (Design Notes) 36 Feb
 Switch mode power supply unit (Design Notes) 16 Jan
 Temperature compensated oscillator 18 Nov
 Third Method (Weaver) in DSP (Design Notes) 26 Apr
 Transverter interface (Design Notes) 29 Aug
 Transverter interfacing (Design Notes) 28 Aug
 Virtual lab to understand SSB generation,
 Richard F Gillette, W9PE 28 Nov
 Weak signal modes on 28MHz, Roger Laphorn G3XBM 77 Jan
 WEEE Directive, Peter Chadwick, G3RZP 26 Jan
 Work the world with WSJT-X, part 1, Joe Taylor, K1JT,
 Steve Franke, K9AN & Bill Somerville, G4WJS 40 Jul
 Work the world with WSJT-X, part 2, Joe Taylor, K1JT,
 Steve Franke, K9AN & Bill Somerville, G4WJS 58 Aug

Book Reviews

Antennas for MF & Above 81 Oct
 ARRL Handbook 2018 83 Nov
 British Military Intelligence 65 May
 Callseeker Plus 2018 59 Sep
 Clear case of Genius 81 Dec
 Deluxe logbook & diary 2018 59 Sep
 DXing on The Edge 65 Mar
 Grounding and Bonding for the Radio Amateur 81 Jul
 International Antennas 51 Apr
 Launch Pad UK 81 Feb
 Lorenz 81 Dec
 More Arduino Projects for Ham Radio 81 Jul
 RadCom 2016 CD & USB stick 81 Feb
 RadCom DVDs 1976-980 & 1996-2000 81 Aug
 RSGB Callsign mugs 81 Jun
 RSGB journal archive 1925-1939 65 Mar
 RSGB Yearbook 2018 59 Sep
 SIGINT, secret history of signals intelligence in the
 World Wars 81 Oct
 SOTA Explained 65 May
 The Owl is OK 81 Jun
 Valve amplifiers explained 83 Nov

Regulars

Antennas, Mike Parkin, G0JMI
 ATV, Dave Crump, G8GKQ
 Data, Andy Talbot, G4JNT
 Design Notes, Andy Talbot, G4JNT
 EMC, Dr David Lauder, G0SNO
 GHz bands, Dr John Worsnop, G4BAO
 HF, Martin Atherton, G3ZAY
 Homebrew, Eamon Skelton, EI9GQ
 LF, Dave Pick, G3YXM
 Propagation, Gwyn Williams, G4FKH
 Sport Radio, Steve White, G3ZRK
 VHF/UHF, Richard Staples, G4HGI