

COMMUNICATIONS AND BROADCASTING - INDEX OF ARTICLES BY TITLE

Title	Author	Season	Year	Page
2/3-Camera Outside Broadcast unit for Independent Television News Limited	I Buffham	March	1984	23
21 Years of Independent Television	Howard Steele	Autumn	1976	4
250kW H.F. Combining unit	D Galloway	February	1983	17
30-channel P.C.M	H Thurgood	Spring	1976	37
512 ACE - a 512 2Mbit/s Port Automatic Cross-connection equipment	DJ Binnington	March	1988	41
60TDM, a 60-channel Telex, Time Division Multiplex equipment	T Gills	March	1984	35
A 1kW Pulsed H.F. Amplifier for use with NMR	PA Hamshere	October	1983	28
A Compact, new Band III Television Transmitter	JFH Binns	Summer	1978	20
A Digital Sync Pulse Generator	GD Iles	Autumn	1976	38
A Hypergroup Codec	TH Pearce (joint author)	June	1981	39
A Hypergroup Codec	HJ Pipe (joint author)	June	1981	39
A Hypergroup Codec	MJ Whittemore (joint author)	June	1981	39
A Microprocessor-based 9600 bit/s Modem	WC Mills	June	1982	35
A Miniature Synchronising Pulse Generator	S Fowler	April	1980	23
A Modular Vision Mixing System	RW Fenton	Summer	1976	20
A New 50kW M.F. Broadcasting Transmitter	JW Owen	Spring	1978	27
A New Approach to Modem Design	WC Mills	Spring	1978	32
A New Approach to Synchronizer Design	G Claydon (joint author)	September	1980	15
A New Approach to Synchronizer Design	K Taylor (joint author)	September	1980	15
A new Automatic Tuning Marine Transmitter	S Mickel	September	1979	27
A new Generation of Low-speed Data Modems	WT Butler	October	1983	21
A new Generation of Medium - powered TV Transmitters	LF Howard	March	1981	9
A new H.F. Drive unit - the H1542	RH Cooke	September	1986	31
A New High-stability Eddystone Receiver	BO Cooke	Spring	1977	18
A new Medium Capacity Radio Relay System	G Waters	July	1979	39
A New Mobile Transmitter / Receiver	PC Gill (joint author)	Summer	1978	46
A New Mobile Transmitter / Receiver	JE Philips (Joint author)	Summer	1978	46
A new Naval Low-power M.F./H.F. Amplifier	JA Gould	September	1980	55
A new Naval Synthesized M.F./H.F. Transceiver	MJ Farmer	September	1980	49
A new range of Beam-modulated High-power U.H.F. Television Transmitters	JF Ridgwell	April	1987	27
A New Studio Outside Broadcast Camera Channel	JR Crook (joint author)	Spring	1978	10
A New Studio Outside Broadcast Camera Channel	IE Gibson (joint author)	Spring	1978	10
A New Synthesized Digital M.F./H.F. Receiver	A Yates	Autumn	1977	12
A Portable Camera Head for the Mark VIII Colour Camera Channel	JR Crook	Summer	1974	11
A Solid-state 1kW M.F. Transmitter - the simple approach	JW Heaviside	March	1981	33

COMMUNICATIONS AND BROADCASTING - INDEX OF ARTICLES BY TITLE

Title	Author	Season	Year	Page
A Submarine Multifunction Antenna	RG Wills	February	1985	39
A Supergroup Codec	D Corlett	June	1981	33
A Transportable Satellite Earth Station for TV Outside Broadcast Contributions	JMC Scott	July	1983	17
A V.T.R. Monitoring unit	RW Fenton	September	1980	39
A Versatile 3-Camera OB unit	AO Moore	April	1980	35
A Versatile new 300kW H.F Broadcasting Transmitter - Part 1	DF Bowers (joint author)	Autumn	1976	17
A Versatile new 300kW H.F Broadcasting Transmitter - Part 1	RH Bradbrook (joint author)	Autumn	1976	17
A Versatile new 300kW H.F Broadcasting Transmitter - Part 2	DF Bowers (joint author)	Spring	1977	22
A Versatile new 300kW H.F Broadcasting Transmitter - Part 2	RH Bradbrook (joint author)	Spring	1977	22
ACE - a new Dimension in Digital Networking	BD Bowsher	October	1985	21
Advances in Helical Video-tape Recorders for Television Broadcasting	AN Heightman	Autumn	1977	4
An Adaptable Military Communication System	FI Brick	September	1986	25
An Automatic Fast-tuning H.F. Matching unit for Whip Antennas	JA Gould	Spring	1977	29
An Introduction to the U4100 Marshal Dual-mode AFTN Message Switching System	PM Hopp	October	1983	17
Anglia TV's New Compact OB unit	PJ Waldron	April	1980	29
ARION - A Shipboard Terminal for Satellite Communication	J Watt	Autumn	1977	20
ARION Antenna Control and Stabilization System	MB Johnson	Autumn	1977	23
Automatic Cross-connection Equipment for Enhanced Digital Networking	BJ Jarvis	October	1983	3
Automatic Facilities of the Mark IX Camera	GBM Claydon	Summer	1978	4
Automatic Routeing Control for the U4000 Distributed Message Switching System	DC Roscoe	October	1983	11
B2022 PAL Synchronizer	GD Iles	April	1987	37
B3404 Telecine Control by the Frame-counter	JH Cox	Autumn	1975	27
BBC World Service Programme Distribution by Satellite	PW Hope	March	1984	15
Broadcasting the Xth British Commonwealth Games 1974, Christchurch, New Zealand	AR Lewis (joint author)	Summer	1974	24
Broadcasting the Xth British Commonwealth Games 1974, Christchurch, New Zealand	PE Rollo (joint author)	Summer	1974	24
Carribean Relay Station	RE Bliss	Spring	1976	26
Cinemascope Facility for the B3410 Telecine	GR Boustred (joint author)	March	1984	29
Cinemascope Facility for the B3410 Telecine	CS Cranston (joint author)	March	1984	29
Civil Maritime Satellite Communications Systems	JG Chaplin	Summer	1974	17
Communication for a Ship Terminal for MARISAT	W Dobson	Summer	1978	37
Communications Systems for Submarines and Naval Patrol Vessels	RA Nice	September	1980	43
COMTROP and Digital Tropospheric Scatter Communications	BR Ackroyd	April	1987	17
Confidence in Quality - Customers and Company Part 1	EF Cranston	Spring	1975	17
Confidence in Quality - Customers and Company Part 2	EF Cranston	Autumn	1975	39
Containerized Communication Systems within the Naval Environment	P Bickers	February	1983	27

COMMUNICATIONS AND BROADCASTING - INDEX OF ARTICLES BY TITLE

Title	Author	Season	Year	Page
Containerized Transmitter Systems - an answer to the building problem	AA McKerrell	September	1982	11
Design Trends in Antenna Systems	WJ Meehan	Autumn	1975	15
Development of Communications for British Forces in Germany	HJ Barker	Spring	1976	29
DICE at ITN	PJ Marchant	Autumn	1976	10
Digital Remote Control	E Hoare	Summer	1976	4
Digital Video Processing for Telecine	Andrew Fremont	February	1983	35
Direct Broadcasting by Satellite	CB Wooster	September	1982	27
Distributed Message Switching - a Practical Realization	PM Hopp	September	1981	49
Diversity Reception of Telegraph Signals	JPR Gorrie	Autumn	1977	35
ECCM in Naval H.F. Defence Communications	MA Lawrence	September	1982	35
ECS - The European Communication Satellite System	CB Wooster	September	1981	39
Engineering a Television Service for British Forces in Germany - Part 1	HJ Barker (joint author)	Spring	1977	4
Engineering a Television Service for British Forces in Germany - Part 1	PJ Garratt (joint author)	Spring	1977	4
Engineering a Television Service for British Forces in Germany - Part 2	HJ Barker (joint author)	Autumn	1977	32
Engineering a Television Service for British Forces in Germany - Part 2	PJ Garratt (joint author)	Autumn	1977	32
Engineering for the Fourth U.H.F. TV Channel in the United Kingdom	DS Chambers (joint author)	March	1981	3
Engineering for the Fourth U.H.F. TV Channel in the United Kingdom	R Wellbeloved (joint author)	March	1981	3
Fast Tuning 1kW H.F. Amplifier	PA Hamshere	Autumn	1976	26
Five-channel F.M. Combining unit for BBC Brighton	EJF Lee	March	1984	19
Frequency Management of H.F. Sky-wave Circuits in Europe	JD Milsom	June	1982	23
Glasgow Television Studio B Vision Systems Installation for the BBC	PA Smith	June	1982	18
Ground Communications Equipment for Large Earth Stations	VL Nippierd (joint author)	March	1981	43
Ground Communications Equipment for Large Earth Stations	MAS Watson-Lee (joint author)	March	1981	43
H.F. Active Antenna Performance Requirements and Realization	BM Sosin	Summer	1976	29
H.F. Broadband Transmitter Systems for Fixed and Transportable Applications	REJ Gerard	July	1983	3
H.F. Communications in Defence	CRM Noonan	June	1981	15
H6701 External Communications Control System for Small Ships	EJ Conley	June	1982	3
HEAD - a High Efficiency Amplitude-modulation System for Broadcasting Transmitters	DF Bowers	February	1982	15
High-power Fast Tuning H.F. Amplifier	DE Hart	Autumn	1975	21
High-power High-frequency Broadcast Antenna Systems	C Pettitt	September	1979	13
ICS3 - Extended Channel Availability in Naval Communications	MA Lawrence	July	1983	11
Improved Underwater Communications	MA Lawrence	Autumn	1975	33
Integrated Communication Systems for Naval Ships (ICS3)	RLJ Awcock	Autumn	1975	4
Introduction to Digital Tropo for Military Ractical Communication	JD Rogers	June	1981	3
ISC3 - Its Capabilities and Advantages	CR Graham	September	1981	9

COMMUNICATIONS AND BROADCASTING - INDEX OF ARTICLES BY TITLE

Title	Author	Season	Year	Page
Keeping Frequency	D Fairweather	Spring	1976	14
Latent Heat Load for U.H.F Band	RW Bygrave (joint author)	Spring	1975	33
Latent Heat Load for U.H.F Band	GE Crossley (joint author)	Spring	1975	33
Long-term Performance Evaluation of the Visual Selection of Television Transmitters	JF Ridgwell	February	1985	17
M.F. Broadcast Antenna Systems	C Pettitt	September	1980	3
Madley - Growth of a large Earth Station	CB Wooster	July	1983	21
Madley - UK's latest Intelsat Earth Station	TJ Canham (joint author)	July	1979	3
Madley - UK's latest Intelsat Earth Station	AG Ruddock (joint author)	July	1979	3
Makaira - Versatile Communications for Coastal and Archipelago Protection Vessels	A Bell	March	1984	3
Making Printed Circuits	JE Cole	Spring	1975	36
Mark I to Mark VIII - Twenty-five Years of Marconi Cameras in Australia	CS Metcalfe	Spring	1976	4
MARRACS - the Marconi Rapid-attachment Communication System	D Painting	March	1984	9
Matelo	DE Hart	Summer	1974	4
MFT2 H.F. Systems - 10kW and 1kW Fast-tuning Linear Amplifiers	PA Hamshere (joint author)	September	1981	21
MFT2 H.F. Systems - 10kW and 1kW Fast-tuning Linear Amplifiers	DG Vint (joint author)	September	1981	21
MFT2 H.F. Systems - 50kW Fast-tuning H.F. Linear Amplifier	PA Hamshere (joint author)	February	1983	21
MFT2 H.F. Systems - 50kW Fast-tuning H.F. Linear Amplifier	EG Owen (joint author)	February	1983	21
MFT2 H.F. Systems - Synthesized Drive and Receiver	MH Hopcraft	March	1981	19
MFT2 H.F. Systems - the Processor in Control	E Hoare (joint author)	September	1980	31
MFT2 H.F. Systems - the Processor in Control	P Watkins (joint author)	September	1980	31
Microprocessor Control for ARION	PJ Watkins	Spring	1978	23
Microprocessor Message Switching	AJ Gibson	Spring	1977	12
Microprocessors	JH Hollom	Spring	1976	9
MIL-STD 1553 - a standard for Data Communications	NS Haverty	October	1985	29
MIL-STD 1553B Data Bus Control of ICS3 Communication Systems	MAW Cranmer	October	1985	35
Mini-Mobile - The New Generation Outside vehicle	JR Brittain	Spring	1978	40
Modern Videotape Editing	WH Orr	Summer	1978	42
Monochrome to Colour Conversion of an Australian Centre	Eric Hitchin	Autumn	1975	9
New 10kW and 20kW Transmitters for F.M. Broadcasting	JA Brisbane (joint author)	September	1981	31
New 10kW and 20kW Transmitters for F.M. Broadcasting	AC Downing (joint author)	September	1981	31
New Digital Transmission Services for the Business Community	BD Bowsher	February	1982	3
News Gathering by Satellite	BR Ackroyd	April	1987	21
NM1551 - a Solid-state Transmitter Series for V.H.F./F.M. Local Radio	C Bradley (joint author)	June	1982	11
NM1551 - a Solid-state Transmitter Series for V.H.F./F.M. Local Radio	O Havin (joint author)	June	1982	11
North Sea Communications	RR Willett	Spring	1975	21

COMMUNICATIONS AND BROADCASTING - INDEX OF ARTICLES BY TITLE

Title	Author	Season	Year	Page
Operational Control of the U4000 Distributed Message Switching System	RF Moore	September	1982	41
Performance Measurements on a Tactical Tropo System	BR Ackroyd	October	1983	47
Printed Wiring Layout Techniques	PRK Chapman (joint author)	Summer	1974	29
Printed Wiring Layout Techniques	EO Holland (joint author)	Summer	1974	29
Progress in Digital Telecine	Andrew fremont	September	1986	3
PULSAM - a new Amplitude-modulation System	DF Bowers	June	1981	25
Radio Alarms in the Mobile Radio Environment	GR Moore	February	1985	47
Radio Equipment for Digital Tropo Military Tactical Communication	DW Baker (joint author)	September	1981	61
Radio Equipment for Digital Tropo Military Tactical Communication	JD Rogers (joint author)	September	1981	61
Radio Equipment for Digital Tropo Military Tactical Communication	MH Stears (joint author)	September	1981	61
Radio Relay for 1.5GHz	MH Stears	October	1983	37
Radiophone Development in the United Kingdom	AE Robinson	June	1982	31
Radiophonic Revelations	Dick Mills	Spring	1975	12
RC640 - a new F.M. Mobile Radio	CJ Marscheider (joint author)	September	1986	37
RC640 - a new F.M. Mobile Radio	JM Turner (joint author)	September	1986	37
Remote Control of the IBA U.H.F. Transmitters for the UK's Fourth Television Service	PM Hopp	September	1982	17
Rotamode Filter Networks	R Hutchinson	March	1981	15
Satellite Communication, Project UNIVERSE and Local Area Networks	BR Ackroyd	February	1983	3
Satellite Telecommunications in the Civil Environment	WTT Prince	February	1982	11
Scimitar H - Combat Net Radio of the 80's	GN Hobbs	February	1985	29
Second Generation 30-Channel PCM Multiplex	WHF Green	September	1979	3
Second Generation 30-Channel PCM Signalling System	ME Roper	April	1980	15
Single Sideband Modulation for V.H.F Private Mobile Radio	SG Walding	September	1979	35
Single-channel-per-carrier access equipment for Satellite Business Systems	PF Robinson	February	1985	3
Spector	WC Mills	Spring	1975	4
SPECTOR 2	KW Newson	July	1983	33
S-System for Software Project Management	PM Hopp	April	1987	3
Sub-multiplexors for 64K	R Bunce (joint author)	April	1987	11
Sub-multiplexors for 64K	B Clare (joint author)	April	1987	11
Swordfish	K Kearns	September	1986	43
Synthesised Fast-setting H.F. Drive unit	MH Hopcraft	Summer	1976	13
Tactical Internal Communications Systems for Small Ships	EJ Conley	September	1981	3
Teleconferencing	BR Ackroyd	March	1988	15
Television Coverage of the Funeral of President Tito	J Valcic	March	1981	39
Television Transmission in Australia	HF Bartlett	Spring	1975	28

COMMUNICATIONS AND BROADCASTING - INDEX OF ARTICLES BY TITLE

Title	Author	Season	Year	Page
The APOLLO Receiver	BR Ackroyd	March	1988	11
The B3404 Telecine in New Zealand	AC Carman	Autumn	1977	28
The B7500 Television Transmitter Range - design and system operation	R May	October	1985	3
The British Telecom KiloStream Service - reflections following the first 2 years operation	ME Gibson	October	1985	13
The Consulting Engineer in Telecommunications	RL Varney	Spring	1976	22
The Design of a Colour Outside Broadcast unit	Dubravko Saric	Summer	1974	35
The Design of a Novel Colour Outside Broadcast unit	AO Moore	July	1979	27
The Dynamics of Private Wire Networks	AM Henderson	March	1988	32
The Eddystone 1650 Series of Communications Receivers - a user guide	RT Sutton	February	1985	23
The Eddystone 1995 Series of V.H.F./U.H.F Communications Receivers - a users guide	RT Sutton	March	1988	3
The INMARSAT System	CB Wooster	February	1982	39
The Introduction of Television to South Africa	DH Mills	Autumn	1976	31
The Maintenance of Tropospheric Scatter Equipment	MH Wade	Summer	1974	42
The Marconi B4310 Line-array Telecine	R Matchell	February	1982	33
The Marconi U1107 Data Modem	WC Mills	September	1979	21
The Mark IX - S Camera System for the 80's	NN Parker-Smith	Spring	1978	4
The Mark IX Camera Video Processing System	ST Mansfield	April	1980	43
The Mark IX Coder	RW Fenton	Summer	1978	12
The Mark IX Portable Colour Camera	R Matchell	September	1979	41
The Mark IX Triax Camera System	GR Boustred	July	1979	49
The Mark IXB - an update for the Mark IX Colour Camera	NN Parker-Smith	March	1981	29
The Mersey Pirate	Norman Frisby	September	1979	47
The MR2B Video Tape Recorder	KS Hammond	September	1982	3
The North East Shetland Basin Communications System for the Oil Industry	WR Burgoyne	June	1981	21
The R1760 - a new Rotatable Log Periodic antenna for the H.F. band	D Galloway	October	1983	33
The Re-equipment of the BBC's High Power M.F. Transmitting Stations	DG Surridge	February	1982	25
The Scimitar Family of Combat Net Radios	HAI Sturge	September	1981	15
The UK System of Digital Two-channel Sound with Terrestrial Television	SR Ely	March	1988	21
Towards a Satellite-based Data Network for Europe	D Smith	April	1980	3
Towards Integrated Business Communications	BD Bowsher	February	1983	9
Transportable Satellite Earth Terminals	BR Ackroyd	September	1986	19
Trends in Offshore Communications	BR Ackroyd	October	1985	41
TRIFFID - The British Army's new Tactical U.H.F. Radio Relay Equipment	JP Allen	Summer	1978	30
Triffid in BOAR	RC Boulter (joint author)	June	1981	11
Triffid in BOAR	CER Story (joint author)	June	1981	11

COMMUNICATIONS AND BROADCASTING - INDEX OF ARTICLES BY TITLE

Title	Author	Season	Year	Page
Tropospheric Scatter - Automatic Power Level Control	AR Kennedy	Summer	1976	41
Tropospheric Scatter 2GHz Systems	BR Ackroyd	Spring	1977	34
TV Distribution by Satellite	BR Ackroyd	February	1985	9
Two-frequency M.F. Directional Antenna for BBC, Start Point	EJ Lee (joint author)	June	1982	41
Two-frequency M.F. Directional Antenna for BBC, Start Point	SU Nolan (joint author)	June	1982	41
Using Directional M.F. Transmitting Antennas	P Hawker	Summer	1976	35
V.H.F. / FM Broadcasting - the First Quarter Century	Martin Voysey	September	1980	23
Versatility in H.F. Systems	DE Hart	Spring	1978	16
Worldwide Reception of Satellite Television Programmes	JA Donnithorne	September	1986	11