

The
WIRELESS WORLD

An Illustrated Monthly Magazine for all interested
in WIRELESS TELEGRAPHY
and TELEPHONY

VOLUME V.

From APRIL, 1917, to MARCH, 1918

All Rights Reserved

LONDON

The Wireless Press, Limited, Marconi House,
Strand, W.C.

INDEX—VOLUME V.

April, 1917, to March, 1918

	PAGE		PAGE
Accumulators, Notes on Maintenance of	20	Bagdad Wireless Station Destroyed	99
Administrative Notes	19	"Ballarat," S.S.	198
Admiralty Court Judgment on salvaging of "Athamas"	39	Balloting by Wireless	263
Aeronautic Exposition, Pan-American	108	Bangay's "Elementary Principles of Wireless Telegraphy"	22
Aeroplanes—Wireless Spotting for Artillery	246	Barr, Capt. J. C. (Cunard S.S. Co.)	259
Aether and Electro-magnetic Light Theory	842	"Benin"—Saved from the Ice	258
"Afric," S.S.	55	Berlin, Wireless Operator in	655
Africa, Campaigning in Central	539	Biographies—	
Aids to Efficiency	462	Armstrong, Capt. E. H.	661
"Air Navigation for Flight Officers," by A. E. Dixie	353	Cresswell, Commander F. G.	735
"Air; Navigation in the Ocean of"	322	Erskine-Murray, J.	83
"Air Power," by Graham White and H. Harper	354	Lauer, J. H.	299
Aircraft (German), Wireless	566	Makower, A. J.	373
Aircraft, Wireless Telegraphy and	108	Marconi, Guglielmo	157
Airman—Rescued by Wireless	262	Pannill, C. J.	805
Aldene, New Marconi Works at	797	Sarnoff, David	449
Alderton, C. C.	356	Stanley, Rupert	519
Alignment Chart for Calculation of Inductance Coils	58	Torikata, Dr. Wichi	9
Alternating Current Working	61	Van der Pol, jun., Balth.	593
Amalgamated Wireless (Australasia), Ltd., Report	579	Vyvyan, R. N.	229
America, Marconi Wireless Telegraph Company of, Balance Sheet, 1916	146	Birtwistle, William	355
Marconi Wireless Telegraph Company of, Report	144	"Bits of Braid" (Those), by Perikon	558
American Intervention and Wireless Situation	103	"Blind Spot" (A), in Gulf of Mexico	304
Letter	132, 277	Bolivia, New Radio Station in	19
Newspaper Enterprise	426	Boloism and Wireless	695
President's Wireless Order (text of)	278	Brazil, New Station	671
$\frac{1}{2}$ k.w. Set	460	Brazil, Visit from Army Officers	695
Wireless Men, A Call to	541	Briggs, J. L.	273
Among the Operators	55, 122, 198, 271, 333, 415, 484, 564, 639, 707, 779,	"Bringing Near the Far-away Islands," by W. B. Cole	585, 755
Antennæ—High versus Low	253	British Colombia, Operator in	513
Wavelengths of, by Balth Van der Pol	550	British and Foreign Sailors Society, Appeal from	568
"Arcadian," S.S.	199	Bucolic Radiotelegraphy	685
Argentina, withdrawal of Wireless Station	536	Canadian Wireless Staff	494
New Station at Punta Delgada	838	"Carolina," S.S., Unusual Auxiliary Power Supply of	21
Plomar Radio Station	479	"Cart," The, Story by Perikon	51
"Asturias," S.S., Sinking of	122	Carter, Miss M. P.	865
"Athamas," Admiralty Court judgment on salvaging of	39	Chart for Calculation of Inductance Coils	58
"Aurora," Loss of	763	Chemical Equations, Elementary Principles of	603
Australia, Long Distance Reception	815	China and Germany	101
Voting by Wireless	263	Chollas Heights (San Diego), New U.S. Navy Station at	91
Australian Portable Apparatus	487	Chrysanthemums, In the Land of	221
Wireless Corps	27	Circuit Design, Wireless, by P. Baillie	402
Automatic Telephone in Australia	642	Circuits, Damping of Oscillatory	300
"Aztec," S.S., Sunk by Submarine	547	"City of Athens" Disaster	477
		Combined Operations, Wireless in	514

	PAGE		PAGE
Coming of Age (The) of Wireless Tele- graphy, by Dr. E. W. Marchant	152	" Flambo, The Story of," by Perikon	824
Compulsory Wireless	630	Fleming, Dr. J. A., on the Future of Wire- less Telegraphy.....	149
Conjuring, Wireless	478	Fleming Valve, Appeal against Decision ...	279
" Connemara," S.S., Collision with " Re- triever "	180	" Floandi " Log Book on H.B.M. Drifter ...	398
" Continuous Current Motors," Review of	788	Log Book, Poem on, by E. Blake	533
Continuous Waves, Measurement of, by		Four-Stroke Oil Engine	307
Scott Taggart.....	489, 594	Funabashi, Japanese Wireless Station at ...	221
Converter, 1½ K.W.....	238	Wireless Station, Phenomenal Record for	57
The Rotary (article by H. E. Penrose) ...	129	Future of Wireless Telegraphy (The), by	
Correspondence	770	Dr. J. A. Fleming	149
Courts, Wireless in the	200		
Cowan, J.	358		
		Gamble, William	57
Dalziel, Corporal Alex	143	Gambling, J. B.	356
Damping of Oscillatory Circuits, The	300	Gardner, R. F. H.	356
Davies, Major-General Sir Francis, Pro- motion of	69	Gateshill, Miss F. L.	143
Davis-Martin Slide Rule.....	280	Geare, Operator, attached to S.S. " Manga Reva "	358
Dawson City and Klondike.....	41	Gentleman Adventurer, A Modern	475
Denmark, Radio School at Svenberg	19	Gerlach, Monsignor Rudolph von.....	327
Desert, Subjugation of	387	Germany, Forecast of Peace Conditions ...	328
Design of Wireless Station, Outline of		Lack of News	25
46, 116, 205, 264		Post-War Shipping Preparations	397
Detective Radiotelegraphy.....	631	Gibbons, Operator Harry	142
Ship (an Admiralty puzzle).....	371	Glaves, J. E.	357
Detector, Magnetic, Hints on Manipulation	531	Glover, E. H.	217
Diary, Wireless.....	745	Government Regulations, British	181
Digest of Wireless Literature	16, 90, 165, 234, 305, 380, 456, 526, 600, 666, 742, 813	Graphical Methods	274
Discharger, Rotary Spark	746	Symbols for Wireless Telegraphy 42, 192,	255
Discontinuance of Transatlantic Wireless Service	429	Gray, H. H. W., Operator.....	334
" Dominion " in Various Media.....	170	" Grenadier," S.S.	56
Donnan, Operator W. T.	55	Griffin, Second-Lieut. Clive, Awarded M.C.	70
" Dot and Dash," The Magic of.....	391	Guatemala and Wireless.....	616
" Dover Castle," Operator on	272		
Dry Cells, Using Old	18	Harker, Second-Lieut. F. C.	143
Drysdale, Dr. C. V. on Technical Educa- tion.....	17	" He Who Laughs Last," Story by Perikon	691
" Duala " Wrecked Wireless Station.....	313, 345	Hill, A. G.	142
Daddell, The Late Wm. Du Bois	630, 672	" Hindalgo," S.S.....	765
Dust in Insulating Oil	16	Hong Kong, New Station at	710
Dynamo and Motor Management (Practi- cal).....	215	Hospital Ships, Torpedoed	179
		Hoyle, Bertram, R.N.V.R., Outline of Design of Wireless Station 46, 117, 205,	264
		Hymes, Mr. Milton	142
Early Days, Wireless in the	29	" In 1914," Story by Perikon	342
Editorial Announcement.....	379, 851	Indian Coast, Wireless on the.....	365
" Edna," S.S., Wireless Adventures of.....	688	Inductance Coils, Alignment Chart for Cal- culation of.....	58
Educational Classes for Messengers	493	Instructional Articles	61, 134, 208, 282, 347, 419, 495, 575, 643, 711, 782, 856
Efficiency in Operating	94	Insulating Oil, Dust in.....	16
" Elementary Mathematics for Wireless Students," by S. J. Willis	385	Insulator, New High-Tension.....	483
Enemy Wireless	100	Iowa, Farm Wireless in	685
Enterprise, American Newspaper	426	" Iron Ring, The," Story by Perikon	124
Errors in Iron-cored High Frequency Transformers, by N. W. McLachlan...	267	Italian Allies, Our.....	615
Eskimos, Wireless with the.....	1, 75, 248	Italian Sensational Treason Trial	327
Etiquette at Sea, for Wireless Operators...	816	" Ivernia," S.S., Torpedoed	227
Farm-wireless in Iowa	685	Japan, An Operator in	727
Farøe Islands, A Wireless Engineer on... 585,	755	Projected Station in Formosa	769
Fenton, J. A.	355	Radiotelegraphy and Telephony in	10
Film, More Wireless on the.....	105	Japanese Director of Communications, New	310
Fisk, Mr. E. T.	142		
Fitton, Mr. Frank.....	56	Kara Sea, Utility of Wireless Stations in ...	40
		Kilcoyne, P. J., Operator	335

	PAGE		PAGE
"Laconia," S.S.	55	Methods, Graphical.....	274
Torpedoing of	110	Mexican Wireless News for Germany	40
Ladies' Football Club	790	Wireless Stations	31
Ladies on Radiotelegraphic Work.....	479, 545	Millard, A. H.	356
"Lanfranc," S.S., Torpedoed.....	198	Mole, Harold.....	122
Lanning, Corporal J. P.	143	Morse Code, "Remarks on the Alphabet,"	
Lauer, J. H., Portrait.....	298	by J. St. V. Pletts	829
Biography.....	299	History of	391
Liberia, Entry into War.....	261	Motor-boat, Electrically Controlled	599
Library Table	66, 139, 213, 287, 353,	Munro, John.....	217
424, 501, 581, 650, 717, 787, 862		Murray, Dr. J. Erskine	83
Life-saving, Wireless in Mediterranean.....	227	Mutiny of Black Sea Fleet.....	323
"Lifting the Veil"	534		
Light, Electro-magnetic Theory of	842	Nauen, Developments in Installation	823
Logarithmic Notation.....	766	Naval Engagement	474
Longitude, Use of Time Signals for Determination of	84	New Zealand P.M.G. Report	724
"Lusitania," Tragedy of the.....	60	Wireless in	329
		Newcastle Educational Authority and	
Madrid Postal Building, Wireless Station		Wireless.....	109
for	19	News Leakage to Germany.....	26
"Magic of Dot and Dash, The,"	391	"Noordam," S.S., Voyage of.....	620
Maintenance of Accumulators, Notes on...	20	North of England Steamship Owners'	
Makower, A. J.....	373	Association	109
Marchant, Dr. E. W., The Coming of Age of		Northcliffe, Lord, in U.S.A.	602
Wireless Telegraphy.....	152	Notes of the Month.....	40, 121, 155, 261,
Marconi, Senatore, A Biographical Note...	157	327, 401, 478, 630, 695, 767, 839	
Birthday	155	Notter, Operator Thomas	56
Interview	855		
On Anglo-American Wireless Co-operation		Obituary—	
.....	752	Duddell, W. Du Bois	672
Recent Honour	352	Tissot, Capt. Camille	697
"Marconi Tradition"	188	O'Halloran, Wm., Operator	334
Marconi International Marine Communication		Oil Engine, Four Stroke, by W. D. Lacey	307
Co., Ltd., Report of General		Operator, Letter from an Early.....	215
Meeting	359	Operators, Among the.....	55, 122, 198, 271,
Wireless Telegraph Company of America—		333, 415, 484, 564, 639, 707, 779, 849	
Report	144	Effects, Insurance of	508
Balance Sheet	146	Notes.....	20, 94, 168, 238, 307, 383, 460,
Wireless Telegraph Co. of Canada,		531, 603, 669, 746, 816	
Report	579	Oscillatory Discharges.....	133
Marconi's Wireless Telegraph Co.—		Oseman, Wm., Operator.....	334
Account of General Meeting	434		
Balance Sheet	432	Painlevé, M.	121
Report and Annual Accounts.....	430	Palestine, Enemy Wireless in	679
Maritime Wireless Telegraphy.....	37, 109,	Parker, P. D.	358
179, 257, 322, 397, 473, 546, 620, 688,		"Passing of Rooney, The," Story by	
763, 835		Perikon	625
Marshall, Ernest	123	Pastimes for Wireless Operators.....	427
Massachusetts Institute of Technology,		Patent Record	71, 290, 509, 652
Dr. Whitney at	90	Payne, Lieut. W. H.	217
Matter and Elimination of Strays, On the,		Photographs, Wireless Transmission of, by	
by Dr. Van der Groot.....	374, 450, 520,	Marcus J. Martin	291, 569
632, 700		Peking Radio Stations	101
McCarthy, C. J.....	358	"Perikon" Stories—	
"McTavish & Samuel," Story by "Peri-		"The Cart"	51
kon"	409	"The Iron Ring"	124
Measuring Instruments, Dr. C. V. Drysdale		"The Reconnaissance"	189
on	17	"In 1914," A Yarn of Early Days	342
Mediterranean in War Time	37	"McTavish and Samuel"	409
"Mendi," S.S.	122	"Those Bits of Braid"	558
"Mercantile Marine to the Germans," A		"The Passing of Rooney"	625
Poem	733	"He Who Laughs Last"	691
Merchant Seamen.....	621	"The Story of Flambo"	824
Merchant Seamen, Badges.....	270	Personal Notes.....	69, 143, 216, 355,
Mesopotamian Misrepresentations (Report		504, 720, 790, 864	
of Royal Commission).....	325	Peru, New Telegraphic Code for	19
		Plots, German, in U.S.A.	247
Messines Offensive	466	Police Wireless in U.S.A.	852

	PAGE
Transatlantic (Wireless) Service, Discontin- nuance of	429
Transformers, Error in High Frequency ...	267
Notes on Wireless, by P. Baillie.....	336
"Transylvania," Wireless Operators saved	271
Turnbull, G. E.	218
Twenty-one Years of Progress	182
U Boats and Wireless	257
U Boat Stories	546
Uniform (Wireless Operators)	670, 839
U.S.A., Act to Regulate Radio Communi- cation	132
and Germany's News	24
Army-Wireless	751
Control of Neutral Ships, on Wireless ...	837
Police Wireless	852
War Regulations affecting Wireless.....	103, 155
Wartime Wireless Progress.....	797
Valve (The), as an Amplifier, by D. J.	
662, 736, 806	
Three-Electrode	158, 230
Van de Groot (Dr. C. J.), Wireless Inter- communication ...	374, 450, 520, 632, 700, 742
Van der Pol, Dr. Balth	593
Venezuela Wireless Radio School	767
Viacha (near La Paz), New Radio Station at	19
Vyvyan, R. N., Portrait	228
Biography	229
War Strain, Example of	121
Washburn, Prof. E. W.	132
Watson, W. J. S.	356
Wheatstone Bridge, Article on, by F. P. P. Carter.....	330

	PAGE
Whitney, Dr. W. R., on Recognition of Scientific Research	90
Wilson, Mrs. F. R.	216
Windhoek Wireless Station,	649
Wireless Activities, Present and Prospec- tive.....	243
As a Career	276
Chief (Mysterious)	227
Compulsory	630
Controlled Model Battleship	17
Controlled Torpedoes, Dangers of	28
Detective Ship	371
Diary and Pocket Book	745
Hustle in America	464
In the Courts	200
In the Early Days	29
Literature, Digest of.....	16, 90, 165, 234, 305, 380, 456, 526, 600, 666, 742, 813
On the Indian Coast	365
Portable Sets in South America.....	548
Potato	786
Situation and American Intervention ...	103
Station, Outline of Design of ...	46, 117, 205, 264
Telegraphy in the War	24, 99, 170, 243, 314, 387, 464, 536, 607, 678, 749, 818
Transformers, Notes on	336
Transmission of Photographs, by Marcus J. Martin	201, 569
With the Eskimos	1, 75, 248
Year Book, 1917	96
Wolfe, A. V.	142
Women and Wireless	768
Operators	841
"Worcestershire," S.S.	56
Year Book of Wireless Telegraphy, 1917 ...	96
Yokohama Harbour, In	441

AUTHORS

Baillie, P.	336, 402, 773	Maycock, W. Perren	788
"Beta"	842	McBretney, W.	288
Blake, E.	273, 677, 733	McLachlan, N. W.	267
Blondel, Andre.....	697	Owen, W. D.....	441, 513, 655, 727
Burgess, A. F.	58	Penrose, H. E.....	129
Carter, F. P. P.....	330	"Perikon"	51, 124, 189, 342, 409, 538, 625, 691, 824
Chapman, T. J.	365	Perkins, Frank C.....	480, 952
Chisholm, Cecil.....	287	Platt, William.....	20
Coats, Douglas R. P.	1, 75, 248	Pletts, J. St. Vincent	829
Cole, W. B.	585, 755	Righi, Dr. Augusto	261
Collins, A. F.....	862	Rushworth, F. B.	685
Crammond, E.	289	Rust, Lieut. L. M.....	84
De Groot, Cornelius J.	374, 450, 520, 632, 700	Sarnoff, D.	275
Dixie, Lieut.-Comm., R.N.....	353	Scott-Taggart	489, 594, 662, 736, 806
Fleming, J. A.	149, 311	Shore, A.	61, 134, 208, 282, 347, 419, 495, 575, 643, 711, 782, 856
Gordon, Campbell W.	300	Stacey, F. S.....	175
Graham-White, C.	354	Tomkins, J. A.....	274
Gregory, Prof. R. A.	240	Torikata, Dr. Wichi.....	11
Harris, P. W.	112, 531	Walton, B. W.....	287
Hawkhead, J. C.	469	Ward, Harold	383, 603
Howe, Prof. G. W. O.....	237	Ward, H. J. B.....	685
Hoyle, Bertram.....	46, 117, 205, 264, 605	Willis, S. J.....	282, 347, 385, 410
Lacey, W. D.	307		
Marchant, E. W.	152, 672		
Martin, Marcus J.....	201, 569		

REVIEWS

For other Book Notices see under "Library Table."

	PAGE		PAGE
Air Navigation for Flight Officers, by A. E. Dixie	353	Jane's All the World's Aircraft	501
Air Power, by C. Graham-White and H. Harper	354	Maintenance of Wireless Telegraph Apparatus, by P. W. Harris	462
Bangay's Elementary Principles of Wireless Telegraphy, Part II	22	Mexico of the Mexicans	582
Boy's Book of Business, The, Chisholm and Walton	287	Motor Car, Electricity and the	140
"Discovery," by R. A. Gregory	240	Physics for Engineers, Elementary	67
Draughtsmanship, Guide to, by W. H. Smith	425	Practical Wireless Telegraphy, by E. Bucher	605
Dynamo and Motor Management	215	Preliminary Mathematics, by F. E. Austin	502
Electric and Magnetic Measurements, by C. M. Smith	424	Primary Batteries, Their Theory, Construction and Use	67
Elementary Mathematics for Wireless Students, by S. J. Willis	385	Radio Dynamics, by B. F. Miessner	311
Elementary Science for Engineering Apprentices, by W. McBretney	288	"Remembrance," by B. C. de B. White	213
Essentials of Electrical Engineering by J. F. Wilson	581	"Right Road," Readers	289
Hornets: Tales of the Air	139	Sea Terms, Dictionary of, by A. Ansted	214
		Shipping Industry, The British	289
		"Shipping World" Year Book, 1917	141
		The Flying Book	651
		War Flying	66
		Wireless Stations of the World, Map of	140
		Wonder Book of the Navy	651

PORTRAITS

Abbott (Deckhand)	792	Gardner, R. S.	564
Alderton, C. G.	356	Garnett, Wm.	565
Allenby, General	819	Gaywood, J. E.	781
Amott, F.	198	Geddes, Sir Eric	608
Armitage, J. F. L.	760	Glaves, J. E.	357
Armstrong, Capt. Edwin H.	660	Gordon, Donald	720
Ashton-Stanley	641	Gray, H. H. W.	334
Audigier, C. L.	851	Harris, D. M. (Operator)	398
Bacon, Francis	829	Harwood, A. B.	200
Bain, W. R.	271	Hillebrand, H.	415
Beaty, D. E.	349	Holstein, J.	417
Bickle, G. W.	792	Howarth, A.	707
Birtwistle, Wm.	355	Jones, R.	199
Blight, C. E.	564	Kearne, R. H.	486
Bowman, H. A.	200	Kelvin, Lord	153
Branly, Professor E.	150	Kenworthy, H. D.	272
Briggs, L. J.	273	Kilcoyne, P. J.	335
Brinkert, H.	624	King George, His Majesty	324
Cameron, F. W.	484	Lauer, J. H.	298
Carter, Miss M. P.	865	Lodge, Sir Oliver	150
Childs, Sergeant A. W.	865	Makower, A. J.	372
Coats, Douglas R. P.	4	Mangan, Geo.	708
Cresswell, Commander F. G.	734	Mann, A. E. C.	780
Cresswell, Miss M. E.	723	Mapes, Harold T.	475
Crookes, Sir William	151	Marconi, Senatore	156, 542
Cunningham, F. R.	641	Marsh, W. G. C.	198
Davies, D. O.	850	Marshall, Operator E.	123
Davies, V. E.	707	Matthews, L. C.	272
De Solas, F. H.	416	McEnery, T. C.	639
De Villes, G.	792	McLaren, C. A.	849
Djemal (Pasha)	320	Millard, A. H.	356
Donnan, W. T.	55	Mitchell, A. G.	779
Duddell, The late W. Du Bois	672	Morgan, C. B.	779
Dunlop, W.	484	Morrison, Miss A. P.	864
Durrant, C. H.	272	Morse, S. F. B.	392
Elliott, A. E.	485	Murray, J. Erskine, D.Sc.	82
Evans, J. F.	485	Needham, C. A.	708
Fleming, Dr. J. A.	151	Notter, T.	56
Forsyth, H. G.	642	O'Halloran, Wm.	334
Gamble, William	57	Oseman, Wm.	334

	PAGE		PAGE
O'Shea, T. F.....	199	Stanley, Capt. Rupert.....	518
Paalman, G. W.	791	Sudell, H.	486, 709
Pannill, C. J.	804	Sweeney, W.	565
Parker, P. E.	850	Tavarez, A. G. S.	418
Paterson, R. M.	709	Taylor, H. W.	122
Pitcher, R. C. L.	780	Taylor, R. F.	333
Porter, R. A.	333	Taylor, T. B.	55
Preece, Sir Wm. H.	184	Thompson, Late R. J.	69
Rainbow, C. F.	143	Torikata, Dr. Wichi.....	8
Rodriguez, E. G.	418	Turnbull, G. E.	218
Russell, Geo.	866	Van der Pol, Dr. Balth.....	592
Ryan, V. A.	56	Van der Vlies.....	623
Sarnoff, David.....	448	Vyvyan, R. N.	228
Sauvage, A.	722	Waters, R. P.	709
Shearer, Wm.	566	Watson, F. R.	721
Smith, Guy D.	689	Webb, F. A.	271
Smith, Major V.	142	Wheatstone, Sir Chas.....	392
Smith, W. S.	639	Wissaert, G. J.	416
Somerscales, C. H. J.	781		

ILLUSTRATIONS (GENERAL)

Aeroplane, Gotha.....	467	Faroe Islands, Views of... 586, 587, 588, 590, 591, 755, 756, 757, 758, 759, 760, 761, 762	196
Aircraft and Wireless in an Adriatic For Aldene (N. J.), Marconi Premises at.....	465	Field Wireless, French	197
New Wireless Buildings, 797, 798, 799, 800, 801, 802	802	Wireless, Russian.....	105-108
American Wireless Operator	544	Film, Wireless on the	469
Archie Banks' Notice Board	687	Fish in Somaliland	399, 414
Auckland P.O.	329	"Floandi" Log Book.....	128
Australian Wireless Corps, First	26	French Mobile Wireless Cars	748
Wireless Corps, Second	27	Train Wireless	223
Wireless Corps, Third	25	Fujiyama (Japan)	445
Wireless Corps, Seventh	171	Peak of	368
Bagdad, Street in.....	100	Ganges, Bathing in	819
Battleship (U.S.), Wireless on Board	212	General Allenby and Staff	563
Berlin, Elevated Railways	659	Glasgow, City Views	617, 618, 619, 621
Koenigsplatz.....	656	Guatemala, Scenes in	395
Unter den Linden	657	Heliographing in East Africa.....	367
Zoological Gardens	659	Hyderabad Entrance Gate	371
"B.I." Liner	366	Indian Cavalry Soldier	445
Birmingham Central Technical School.....	530	Interned Wireless Operators	494
Council House	535	Internment Camp	615
Brazil Views.....	548, 549	Italian Troops Retreating from Mountains	732
British Columbia, Views of ... 514, 515, 516, 517	517	Japan, Buddhist Temple.....	728
Calcutta Station—Wireless Masts.....	369	Coaling Ship	729
Camel Train Crossing Desert	821	Rickshaw Party	730, 731
Canadian Victory Loan Car	764	Kutchinutsu	225
Canadian Wireless Men	494	Japanese Scenes	680, 681
Cantonment of Italian Troops	710	Jerusalem: Augusta Victoria Stiftung	226
Car—U.S.A. Armoured Observation.....	245	Jinriksha, Morning Ride in	324
Columbia University	393	King George: Mis Majesty on British Man- of-War	175
Destroyer Convoying Merchantmen	609	"Lake Champlain," S.S.	683
Duala Wreckage	313, 346	Lattice Masts	111
East Africa Skirmishes, Advances in	316	Mast used in U.S. Navy	540
"Empress of China" on Rocks	446	Leeds, Town Hall	187
Eskimos, Wireless with the	2-7	Lightship Installation	177
And their Summer Tents	79	"Lucania," S.S.	38
Eskimo Encampment	250	"Maine," U.S.S.	318
Girls	76	"Maitai," S.S., Aground at Raratonga ..	321
Igloo	77	"Maitai," Wreck of.....	315
Visitors	251	Map of East African Coast.....	
Women	252		

	PAGE		PAGE
Marconi and American Women.....	543	Rosslare Wireless Station	33
Marconi and Assistants in Newfoundland	185	Royal Flying Corps in India	822
Marconi's Birthplace at Bologna	183	Ruhleben Christmas Card	732, 778
Marconi Releasing Kite	186	Russian Flying Men	246
Uniforms, Types of	840	Seaforth Station	33
Mesopotamia, Arch of Ctesiphon	539	Seaplane, View of	466
Mesopotamian Field Wireless	753	American	547
Mobile Wireless Cars, French.....	128	School, Original Marconi, at Liverpool.....	178
Model of Warship	259	Somaliland Landscapes	471, 472
Morse Flag Wagging	396	Wireless Station	470
Mosque at Delhi	368	Sparkington Gapp, Prof.	113
Motor, Wireless, Interior View	754	Submarine, Wireless on a German	180
" Nasopic " S.S., in the Ice	249	Submarine Wreck	468
Newcastle-on-Tyne, View of	525	Submarines, German	474, 476
New Zealand Wireless Corps, First	98	Tanks Outside Marconi House	699
Wireless Corps, Second	173	Tigris, Arab Encampment on	537
Wireless Corps, Third	104	Turkish Commander in Palestine	820
Wireless Corps, Sixth	172	Tveraa Wireless Station.....	589
" Noordan," S.S., Operator in Cabin	623	U 293.....	689, 690
View of	624	U Boats : Hunting by Sound.....	613
Oporto Town and Bridge	294	U.S. Battle Cruisers, Official View of	
" Orleans," S.S.	39	Projected	41
Palestine Landscape	389	Vladivostock.....	390
Peking, Foreign Legations in.....	101	Whale, Cutting up a	80
Old Tartar Wall at	102	Wireless Station in Guatemala City	620
" Poius," Wireless School for	93	Women Working at Wireless Apparatus	
" Police Wireless " (U.S.A.)	852	750, 751, 752, 768	
Portsmouth, " Save and Serve Banners "	834	Yokohama, Boats at	444
Potato, Wireless	786	Breakwater	443
Raratonga Native	319	Sunrise	442
" Rewa," S.S.	836		

ILLUSTRATIONS (TECHNICAL)

Agricultural American Wireless Apparatus	685	Longitude, Use of Time Signals for Determination of	85-89
Alternating Current Working, Diagram of	61-64	Mono-Coil Alternator	856, 858
Antenna Dummy	481	Moving Iron Instrument.....	644
Apparatus on s.s. " Lake Champlain "	176	Oil Engine Diagrams	308
Arrest, An Earth	803	Power Curves	135, 138
Australian Wireless Set	488	Power-Factor Meter	648
Double Needle Telegraph Machine	831	Receiver, Early Type of	154
Duddell's Apparatus.....	673, 674, 675, 676	Rotary Converter	129, 131
Dummy Antenna.....	481	Converter (1½ kw.)	782
Field Magnet	860, 861	Gap, New	92
Five Needle Telegraph Instrument	830	Symbols, Graphical, for Wireless Telegraphy	
Fixed Coupling Jigger—Old Type	31	44, 45	
Frequency Meter	648	Tuning Inductance, 60 ft.	32
Funabashi Station, Group of Masts	224	Valve (Fleming) Curve showing Functional Relations	159
Station, Main Wireless Mast	222	(Fleming), original	158
Insulator " Sparking Over "	483	Three-Electrode, General Diagrams	161, 163
Land Station, An Early	34	Wireless Telephone Apparatus, " T.Y.K."	11
Leixoes Wireless Station	295, 296, 297	Zeppelin Wireless Set	658
Lizard Station, Early Apparatus in.....	30		

1975



W. H. SMITH & SON
—PRINTERS—
STAMFORD STREET
LONDON, S.E.