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by

Antenna Research Section

July 1947

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Approved by:

J. M. Miller
Superintendent
Radio Division I

Commodore H. A. Schade, USN
Director
Naval Research Laboratory



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TABLE OF CONTENTS

	<u>Page</u>
Introduction	
List of Antenna Reports	
1. Air Materiel Command (Wright Field)	1
2. Coles Signal Laboratory	2
3. Evans Signal Laboratory	3
4. Naval Research Laboratory	5
5. Ohio State University Research Foundation	8
6. Radiation Laboratory, Mass. Inst. of Tech.	10
7. Radio Research Laboratory, Harvard University	19
8. Sperry Gyroscope Company	24
9. U. S. Navy Electronics Laboratory	25
10. University of California	28
 Supplementary List I (Reports of Industrial Companies)	
Bell Telephone Laboratories, Inc. (A1)	29
General Electric Company (A64)	32
Radio Corporation of America (A69)	32
Raytheon Manufacturing Company (A74)	32-A
Westinghouse Manufacturing Company (A75)	32-A
 Supplementary List II (Reports of British Agencies)	
Admiralty Research and Development Establishment (B1)	33
Air Ministry (B14)	33
Army Operational Research Group (B22)	34
Admiralty Signal Establishment (B23)	34
British Branch, Radiation Laboratory (B43)	35
Coastal Command Development Unit (B47)	36
Central Fighter Establishment (B48)	36
Combined Intelligence Objective Service Sub- Committee (B49)	36
Combined Services Interrogation Report (B50)	36
Department of Scientific and Industrial Research (B58)	37
General Electric Company Ltd. Research Laboratory (B69)	37
Metropolitan-Vickers Electric Company Ltd. (B72)	38
National Physical Laboratory (B73)	38
National Research Council of Canada (B78)	38
Orfordness Research Station (B106)	39
Post Office Engineering Department (B107)	40

DECLASSIFIED

INTRODUCTION

DECLASSIFIED

The great volume of research on the theory and design of antennas that was produced during the war is still uncorrelated. Moreover, many of the depositories of the reports of that research were in laboratories that disbanded after the war. As a first step in preserving and systematizing the war-gained knowledge of the antenna art, the Antenna Research Section in May 1946 started to gather a list of antenna reports.

Many agencies in this country where such reports might have originated were asked to submit a list of their antenna contributions. Ten laboratories (five service, four university, and one industrial) complied with the request and their lists comprise the main portion of this bibliography.

The officially submitted lists, however, represent only half of the antenna reports known to exist. In an effort to increase the usefulness of this bibliography, an examination was made of the card indices in the document rooms of several war-time laboratories. The additional titles uncovered were collated and are catalogued in the two supplementary lists following the main list. They are not, of course, complete lists. In many cases the titles given are paraphrases of the true titles of the reports to which they refer. In a few instances, indeed, the same report may be listed under two titles. An attempt has been made to arrange chronologically the reports of each laboratory contained in the supplementary lists. Although the effort has not been entirely successful, some information about the date of publication of any report may be obtained from its relative position on the list.

DECLASSIFIED

List of Antenna Reports

Air Materiel Command (Wright Field)

- 1.1 Low Pass filter for jackal transmitters (Coleman & Phillips), 175
- 1.2 The "S" Function method of measuring attenuation to coaxial radio frequency cable (Stewart & Robb), 183
- 1.3 Straight line glide path for instrument landing system (Lavoie & Ankenbrandt), 279
- 1.4 Radio transmitter set AN/ART-7 (Hardt & Hicks), 292
- 1.5 Flight test of antenna wire WS-5(XA)/U (Couch, 316
- 1.6 Filter F-14/U (Coleman & Phillips), 322
- 1.7 Jackal. A frequency and random pulse modulated communication barrage jammer (Noble), 340
- 1.8 20-27 Mc. Broad band antenna on AT-18 aircraft (Meier), 346
- 1.9 27-34 Mc. Broad band antenna for B-24 aircraft (Experimental) (Meier & Coleman), 357
- 1.10 Broad band antenna on B-17 airplane 38-42 Mc. (Bennett, Warnock & Hicks), 359
- 1.11 A 37-51 Mc. broad band whip antenna for B-24 (Meier & Coleman), 360
- 1.12 Aircraft antenna impedance measurements in the 10-80 Mc. range (Meier & Bennett), 369
- 1.13 Derivation of Q meter formula & limits of application to fixed frequency impedance measure (Gorn), 371
- 1.14 Broad band whip antennas for aircraft use from 36-110 Mc. (Meier, Coleman & Bennett), 373
- 1.15 Unbalanced to balanced line transformer using flexible cable (Coleman & Phillips), 385
- 1.16 The design of broad band antenna systems (Meier Bennett & Coleman), 387
- 1.17 Broad band aircraft antennas 26 to 39 Mc. (Meier, Coleman & Bennett), 388

DECLASSIFIED

UNCLASSIFIED

- 1.18 Experimental study of rectangular slot antenna (Bennett & Meier), TSERR2C-14
- 1.19 Impedance measurement with simply constructed standing wave line at 10 to 1000 Mc. (Wong), TSERR2C-15
- 1.20 Impedance measuring lines (Webb), TSERR2C-23
- 1.21 Radio control and telemetering antennas for YP-59 (Musser & Warnock), TSERR2C-64
- 1.22 Racon antenna AS-254/ARN-38 (Meier & Warnock), TSERR2C-67
- 1.23 Mathematical tools in the theory of four terminal nets (Gorn), TSELP5-29
- 1.24 Antenna System AS-283(XA)/APS-13 for Tail Warning Use with High Speed Fighter Aircraft (Kleason) AAF T.R. 5409

Coles Signal Laboratory

- 2.1 Operation of Several Radio Receivers BC-342 from a Single Antenna (Podell) (1943), 17
- 2.2 Antenna Coupling Unit CR-23/TRQ-1 (Lipstein & Nesin) (1944), 29
- 2.3 Antenna Equipment RC-291-() (Riehs) (1944), 32
- 2.4 Part 1 Half-Rhombic Antenna Assembly AS-51/MRA-2
Part 2 Antenna Assembly AS-93/MRQ-2 (Torretti) (1944), 54
- 2.5 Measurements of the Wave Antenna for Transmission in Frequency Range .2 to 10 mcs. (Torretti & Perley) (1944), 57
- 2.6 Antenna Equipment RC-292 (Gleason) (1945), 58
- 2.7 Universal Antenna Equipment AN/GRA-4 (Morris) (1945), 67
- 2.8 Test of Blanchard Antenna (Metzger) (1945), 71
- 2.9 Antenna AS-293(TRC-8) for Radio Set AN/TRC-8 (Narrow Beam) (Craig) (1946), 87

Evans Signal Laboratory

- 3.1 Wide Band Antenna AS-266/TRT-2 (Green), TM-172R
- 3.2 Design of a Lightweight Antenna for the AN/TRC-8 (Woodyard), TM-GE-1
- 3.3 Design of an Antenna for Mark IV IFF (Woodyard), TM-GE-4
- 3.4 Test of Antenna AS-109()/TP Mounted for Use with the AN/TPG-2 (Woodyard), TM-GE-5
- 3.5 The Design of a Lightweight Lobe Switched Antenna for IFF (Woodyard), TM-GE-8
- 3.6 Investigation and Redesign of an AN/TRC-1 Antenna System (Kampinsky), TM-GE-11
- 3.7 Tests of the First Pre-production Model of Antenna AN-189 (Woodyard), TM-GE-16
- 3.8 Antenna Patterns of the AN/MPG-1 (Woodyard), TM-GE-19
- 3.9 Effect of Feed Tilt on the Antenna Pattern of a 30" Paraboloid (Haake), TM-GE-20
- 3.10 Design of Directional Antenna for use with Parachute Radiosonde AN/AMT-3 (Ruze), TM-GE-22
- 3.11 Impedance Measurements on Antennas Standardized by OSURF (Moore), TM-GE-24
- 3.12 Design and Construction of 400 MC Broadside Array (Woodyard), TM-GE-25
- 3.13 Antenna System for Project Diana (Kampinsky), TM-GE-28
- 3.14 Tests on G.E. Matching Network MC-444 (Ruze), TM-1E
- 3.15 Matching Stub Characteristics for SCR-268 Transmitting Antenna (Woodyard), TM-2E
- 3.16 Frequency Range of SCR-270 Antenna System (Ruze), TM-8E
- 3.17 The Calculation of Expected Vertical Coverage Diagrams for a Tilted Antenna with a Sharp Directivity (Loring), TM-17E

DECLASSIFIED

- 3.18 Preliminary Investigation of the Antenna Frame Structure for Radio Set SCR-627-A (Black), TM-19E
- 3.19 Modification of Antenna AN-118 to AN-140 (Ruze), TM-29E
- 3.20 Directive Antenna Kit for RC-150/151 (Ruze), TM-32E
- 3.21 Preliminary Investigation of the Supports of the Antenna Box Framing of SCR-627A (Black), TM-42E
- 3.22 Notes on Antenna Gain (Ruze), TM-51E
- 3.23 Test on Omni-Directional Antenna for RC-192 as submitted by Radio Receptor Corp. (Woodyard), TM-57E
- 3.24 Revision of Antenna House Grounds of SCR-296 (Baum), TM-73E
- 3.25 Development of a Directional Antenna for the RC-192 (Woodyard & Haake), TM-75E
- 3.26 Effect of Antenna Input Impedance Variation on Transmitter Frequency Stability (Hatkin), TM-76E
- 3.27 Predicted Vertical Coverage Diagrams of Radio Set AN/CPS-5 for Specified Conditions of Antenna Tilt and Siting (Loring), TM-83E
- 3.28 Simplified Method of Calculating the Field Strength Pattern and Antenna Gain of Paraboloids (Loring), TM-112E
- 3.29 Sleeve Antenna 168-215 Megacycles (Hatkin), TM-126E
- 3.30 More Directive Modification of SCR-296 Antenna (Kampinsky), TM-141E
- 3.31 The Design of a Four-Wide Antenna for Use with Antenna Tower Kit AS-134/TPX (Woodyard), TM-150E
- 3.32 Field Strength Calculator for Vertical Coverage Patterns & Propagation Curves (White), TM-154E
- 3.33 Design of Antenna for AN/CPX-1 (Hatkin), TM-160E
- 3.34 Design of Antenna for AN/PPN-9 (Kampinsky), TM-161E

DECLASSIFIED

- 3.35 Critical Atmospheric Conditions for Super Refraction (Wexler), TM-163E
- 3.36 Summary of Work of the Antenna Group at CESL Jan. to Dec. 1944 (Ruze), TM-167E
- 3.37 Status of the SCR-268 Antenna Program (Ruze), T-6
- 3.38 Determination of Antenna Gain by Means of Antenna Pattern Data (Ruze), T-29
- 3.39 Development of a Lightweight Directive Antenna for IFF Equipment RC-192 (Woodyard & Haake), T-30

Naval Research Laboratory

- 4.1 A Mathematical Analysis of Partially Shielded Antennas (1938) R1446 File C-S67/66
- 4.2 A Study of the Radiation Characteristics of Shipboard Antenna Systems (1938) R1448 File C-S67/66
- 4.3 A Study of Operating Characteristics of Shipboard Trunk and Antenna Systems at Intermediate Frequencies (1939) R1574 File C-S67/66
- 4.4 A Study of Shipboard Antenna Trunk Systems (1940) R1603 File C-S67/66
- 4.5 Radiation Characteristics of Vertical Antennas with Slanting Top Sections at Intermediate Frequencies (1940) R1638 File C-S67/66
- 4.6 Measurement of Transmission Characteristics of Shipboard Antenna Systems (USS NEW YORK, TEXAS, ARKANSAS) (1940) R1652 File C-S67/66
- 4.7 Investigation of Antenna Systems on USS SEADRAGON, SEARAVEN, TAMBOR, TRIPPE, and MOGRANT (1940) R1658 File C-S67/66
- 4.8 Notes on the Calculation of Capacity of Intermediate Frequency Shipboard Antenna Systems (1940) R1671 File C-S67/66

DECLASSIFIED

- 4.9 Investigation of Self-supporting Telescopic Vertical Antennas on Battleships 55 and 56 (1941) R1707 File C-S67/66
- 4.10 Notes on the Analysis and Measurement of Intermediate Frequency Shipboard Antenna Systems (1941) R1734 File C-S67/66
- 4.11 Tests of Directive Characteristics of Antenna Array of Model YE Homing Equipment (1941) R1755 File C-F42-1/69
- 4.12 Investigation and Measurement of Radio Transmission Antenna Systems on USS NORTH CAROLINA (1941) R1796 File C-S67/66
- 4.13 Loop Designed for Underwater Reception (1941) File C-S5/7
- 4.14 Comparison of Vertical and Diamond Antennas (1942) File C-S67/66
- 4.15 Colinear Turtle Back Antenna for PB5 and PB5A Series Airplanes (1942) File C-F42-1/36
- 4.16 Test of the BL Antenna Submitted by the Hazeltine Service Corp. (1942) File S-S67/33
- 4.17 Prototype Installation of ASA Radio Equipment in Aircraft (1942) File C-F42-1/36
- 4.18 Radio Receiver Antenna for Panoramic Navy Type CXBG (1942) File C-S67/36
- 4.19 Report on the Coupling Between Antennas at Intermediate Frequencies (1942) R1878 File C-S67/66
- 4.20 Modification of Colinear Turtle Back Antenna on PB5A Airplanes (Preliminary Report) (1942) File C-F42-1/36
- 4.21 Investigation of Broad Band Antenna Suitable for use with XAZ Transmitter and XAY Receivers (1942) File C-S67/52
- 4.22 Instructions for Matching Antennas (1942) File C-F42-1/36
- 4.23 Test of Identification Model BL Mk. III Vertically Polarized Antenna (1942) File C-S67/89
- 4.24 Installation of ASA Antennas at San Diego, Calif. (1942) File C-F42-1/36

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

- 4.25 Impedance Measurements on BL Antennas (1942)
File C-S67/89
- 4.26 Reports on Radar Antenna Heights as Installed
on Naval Vessels (1943) File C-S67/36FS
- 4.27 Radar IFF Mark III and IV - Directional Inter-
rogator Responder Antenna Built into Model SK
Radar Antenna (1943) File C-S67/89
- 4.28 Test of Fish Pole Type Vertical Antennas with
TBL-4 and TCE Transmitters (1943) File C-S67/66
- 4.29 Identification - Mark III Interconnection of BL-1
and SC-2 Operational Tests using Four Wide
Directional IFF Arrays Above SC-2 (1943) File
C-S67/89
- 4.30 Recommendation for the Design of VHF Receiving
Antenna (1943) File C-S67/5
- 4.31 Report on Installation and Operations in VT-9 of
ASB Antennas (1943) File C-F42-1/36
- 4.32 Antenna Pattern of SC-2 Aboard the USS BIRMINGHAM
(1943) File C-S67/5
- 4.33 Antenna Patterns of SC2, FD, and FH Equipment
(1943) File C-S67/5
- 4.34 Investigation of Broad Band Antennas Submitted
by Bell Telephone Laboratory and Radio Corporation
of America (1943) File C-S67/66
- 4.35 Test of IFF Antenna in Connection with CXRL
Equipment (1943) File C-S67/5
- 4.36 Model FD Equipment CH66AAH Antenna Vibration and
Shock Tests (1943) File C-S67/5
- 4.37 Report on the Tests of SK and BL Antennas on the
USS BALTIMORE (1943) File C-S67/5
- 4.38 Radar Horizontal Coverage of SK and SC2 Radar
Antennas Aboard the USS LEXINGTON (1943) File
C-S67/5
- 4.39 Test of VHF (115-156 MC.) Antennas (1943) File
C-S67/66
- 4.40 Development of Combined Search and IFF Antenna
(1943) File C-S67/89

DECLASSIFIED

DECLASSIFIED

- 4.41 Test of VHF (115-156 MC.) Antennas (1943)
File C-S67/66
- 4.42 Test with Type TBL4 and TCE Transmitters on
Fish Pole Vertical Type Antennas (1943) File
C-S67/66
- 4.43 Radar Installations, Radiation Patterns (1943)
File C-S67/5
- 4.44 Test of Lobe Switching IFF Antenna for Use with
Model SM Equipment (1943) File C-S67/5
- 4.45 Progress of Development of Transmitter and Antenna
Model XAY/XAZ UHF Communications Equipment, Broad
Band Antenna Data (1943) File C-S67/52
- 4.46 Horizontal Coverage Pattern of SK Installation
on USS BALTIMORE and Equipment Used for Such
Measurements (1943) File C-S67/5
- 4.47 Comparison of ASB "A" Band Antenna Systems (1943)
File C-F42-5
- 4.48 Antenna and Transmission Line System for Battle-
ships 55 and 56 (1943) File C-S67/66
- 4.49 Development of Broad Band Antenna for 110-1100 MC.
(1944) File C-S67/5
- 4.50 Report on Antennas for Guided Missiles Counter-
measures on Destroyer Escorts, R2240 File S-F42-1/84

Ohio State University Research Foundation

- 5.1 A Model Method for Determining Tank Antenna Patterns
(100)
- 5.2 Antenna Patterns for Aircraft (100)
- 5.3 C-11 Antenna Patterns for Aircraft (100)
- 5.4 Modeling the Direction-Finding Loop Antenna:
Application to a Model of a B-24 Aircraft (100-3)
- 5.5 Effects of the Airplane Structure on the Polar-
ization of Airborne Antennas (100)

DECLASSIFIED

DECLASSIFIED

- 5.6 Final Report on Contract NDCrc-100 (100-4)
- 5.7 Note on the Patterns of Cone Antennas (759-1)
- 5.8 The Radiation Patterns of a Cone Antenna on a B-17 E at 250 MC. (759-2)
- 5.9 Patterns of Cone Antennas on a B-24 Project J-601 (759-3)
- 5.10 Patterns of a Dipole on a type AT-11 for 110 MC. (759-4)
- 5.11 Patterns of Nose Antennas on the AT-11 (759-5)
- 5.12 Patterns for a 50-ohm Cone Antenna Mounted on a Disc (759-6)
- 5.13 The Patterns of an Antenna Array for the SCR-587 on the B-17 F (759-7)
- 5.14 Antennas for the RC-164 (759-8)
- 5.15 Note on the Patterns of Antennas for 'Gymnast' (759-9)
- 5.16 Antenna Patterns on the Hairy Butterfly (759-10 & 759-11)
- 5.17 Antenna Patterns of Special Loop on A-29 Lockheed Hudson Bomber (759-12)
- 5.18 Antenna Patterns of Vertical Antennas on B-17 and B-24 Bombers at a Frequency of 35 MC. (759-13)
- 5.19 Antenna Patterns of a Short, Wide Band Antenna Frequency Range 200-500 MC. (759-14)
- 5.20 Angle at 515 MC. Reflection Patterns (759-16)
- 5.21 Angle at 360 MC. Reflection Patterns (759-17)
- 5.22 Angle at 410 MC. Reflection Patterns (759-18)
- 5.23 Angle at 100 MC. Reflection Patterns (759-19)
- 5.24 Antenna Radiation Patterns for the Albatross I Project (759-20)
- 5.25 B-24 Bomber at 100 MC. Reflection Patterns (759-21)

DECLASSIFIED

[REDACTED]

DECLASSIFIED

UNCLASSIFIED

- 5.26 B-17E Bomber at 100 MC. Reflection Patterns (759-22)
- 5.27 Antenna Radiation Patterns for the HS-293 (759-23)
- 5.28 A Square Root Amplifier (759-24)
- 5.29 Reflection Measurements on Wire Grids and Mesh Angles at 2000 and 3000 MC. (759-25)
- 5.30 Summary of Antenna Radiation Patterns for Antennas on the PB4Y-2 (759-26)
- 5.31 Summary of Antenna Radiation Patterns for the Antennas on the P4M. (759-27)
- 5.32 Summary of Antenna Radiation Patterns for Ferret C-1 (759-28)
- 5.33 Antenna Radiation Patterns for 1,000 MC. Measured on the SB2C (759-29)
- 5.34 Reflection Measurements on Antireflective Target Tow Cable (759-30)
- 5.35 Modeling Slot Antennas (759-31)
- 5.36 Measurements of Shipborne Antenna Patterns using Models (759-32)
- 5.37 A Continuous-Wave Method of Measuring Radar Cross-Sections and Reflection Patterns by Means of Models (759-33)
- 5.38 Final Report on Contract OEMsr-759 (759-34)

Radiation Laboratory, Mass. Inst. of Tech.

- 6.1 Roof System Reports (1941), 40
- 6.2 Regular Report on Spinners and Radiators (Herb) (1941), 56
- 6.3 Regular Report on Spinners and Radiators (1941), 57
- 6.4 Report of Parabola Section (1940), 91

DECLASSIFIED

~~RESTRICTED~~

DECLASSIFIED

UNCLASSIFIED

- 6.5 Report of Parabola Section (1940), 92
- 6.6 Report of Parabola Section (1941), 93
- 6.7 Antenna Group (1941), 94
- 6.8 Report of the Antenna Group (1941), 95
- 6.9 Report of the Antenna Group (1941), 96
- 6.10 Report of the Antenna Group (1941), 97
- 6.11 Antenna Design and Pattern (Van Atta) (1942),
98
- 6.12 A Study of Fanned Beam Radiators (Keary) (1942),
99
- 6.13 Theory of Radiation from Paraboloidal Reflectors
(Chu) (1941), 114
- 6.14 Notes on Antenna Design (Stratton & Chu) (1941),
123
- 6.15 A Method for Measuring the Absolute Gain of
Microwave Antennas (Purcell) (1943), 168
- 6.16 Rear Rectangular Guide Antenna Feed (Foster)
(1943), 169
- 6.17 Illumination and Phases of Antenna Feeds (Foster)
(1943), 170
- 6.18 Round Guide Rear Antenna Feeds (Foster) (1943),
171
- 6.19 Radiation Resistance of Antennas Inside Wave
Guides of Arbitrary Cross-Sections (Chu) (1942),
177
- 6.20 Effect of Paraboloid Size and Shape on Beam
Patterns (Van Atta) (1942), 258
- 6.21 Graphical Analysis of Beam Patterns from Paraboloid
Reflectors (Sydoriak & Van Atta) (1942), 259
- 6.22 Pill Box Antenna for Glide Path (Robinson) (1942),
260
- 6.23 Some Matching Properties of Antenna Feeds (Krutter,
Bohnert & Hiatt) (1942), 261

DECLASSIFIED

- 6.24 3 cm Bolometer Detector Suitable for Field Measurements (Type Y) (Breen) (1942), 262
- 6.25 Horizontally Polarized 9.1 cm Biconical Horn Beacon Antenna (Robinson) (1942), 263
- 6.26 Information on Corrugated Coaxial Lines and Wave Guides (Harvey) (1942), 264
- 6.27 Rapid Scanning, High Resolution Antennas; Preliminary Report (Robinson) (1943), 265
- 6.28 An Automatic Recorder for Microwave Antenna Pattern Measurements (Keary & Alley) (1943), 266
- 6.29 45° Microwave Reflector (Mason) (1943), 267
- 6.30 Gratings and Screens as Microwave Reflectors (Hayes) (1943), 268
- 6.31 Information on Standard Radiation Laboratory Paraboloid Reflectors (Van Atta & Robinson) (1943), 269
- 6.32 Antenna Feeds for 7/8" Stub-Supported Coaxial Line (Breen & Hiatt) (1943), 271
- 6.33 Synthesis of Microwave Diffraction Patterns with Application to Csc^2 Patterns (Spencer) (1943), 272
- 6.34 Double Dipole Rectangular Wave Guide Antennas (Sichak) (1943), 273
- 6.35 Antenna Feeds from 5/16" Coaxial Line (Nowak) (1943), 274
- 6.36 The Antenna Slide Rule ---Series L (Spencer) (1943), 276
- 6.37 Microwave Linear Radiators (Alvarez) (1942), 366
- 6.38 Laboratory and Field Tests with Stabilized Spinners (Griffiths) (1943), 395
- 6.39 Development of Antenna for Raytheon SO-CXBY (Jaffe) (1943), 396
- 6.40 Antenna for High-Altitude Bombing (H_2X) (Dunbar) (1943), 411

- 6.41 Report on Microwave Antenna Conference July 19-24, 1943 (Van Atta & Harvey) (1943), 414
- 6.42 LRASV (AN/APA-2) Antenna (Buchwalter & Harvey) (1943), 415
- 6.43 Half Beacon Antenna (Braunlich) (1943), 419
- 6.44 Contribution of the Dish to the Impedance of an Antenna (Silver) (1943), 442
- 6.45 Probe-Fed Slots as Radiating Elements in Linear Arrays (Clapp) (1944), 455
- 6.46 Antenna Parts and Measuring Equipment (Lashof) (1943), 472
- 6.47 Paraboloid Antenna Characteristics as a Function of Feed Tilt (Silver & Pao) (1944), 479
- 6.48 A Simplified Search Antenna for Radio Set AN/MPN-1 (Chu & Porterfield) (1945), 486
- 6.49 X-Band Horizontally Polarized Non-Directional Antennas (Riblet) (1944), 489
- 6.50 V-Beam G.C. Radar (Longacre) (1943), 507
- 6.51 Adjustment of Loran Antennas and Antenna Coupling Units at Frequencies Between 1700 and 2000 Kilo-cycles (Pote') (1944), 511
- 6.52 Impedance Characteristics and Equivalent Circuits for Vertical Radiators (Lawrence & Pote') (1944), 512
- 6.53 S-Band Horizontally Polarized Non-Directional Antennas (Riblet) (1944), 517
- 6.54 Aspen Airborne Antenna (Riblet) (1944), 519
- 6.55 Rotating Corrugated Eccentric Line Antennas (Buchwalter & Harvey) (1944), 531
- 6.56 Leaky Waveguide Rapid Scanner (Steinberger) (1944), 557
- 6.57 S-Band End-Fire Array Antenna (Birchard & Riblet) (1944), 577
- 6.58 Antenna Measuring Equipment (Tyson) (1944), 601-1

~~RESTRICTED~~

DECLASSIFIED

UNCLASSIFIED

- 6.59 Antenna Measuring Equipment: High-Power CW Transmitter for S-Band (Tyson) (1944), 601-2
- 6.60 Antenna Measuring Equipment: 100 db Linear Audio Amplifier (Tyson) (1944), 601-3
- 6.61 Antenna Measuring Equipment: Automatic Pattern Recorder (Tyson) (1945), 601-4
- 6.62 Low-Altitude Navigation Antennas Developed in Connection with AN/APS-10 (Gardner) (1944), 615
- 6.63 S-Band Vertically Polarized Non-Directional Antennas (Riblet) (1944), 623
- 6.64 K-Band Cosec² Antennas with a Line Source and Shaped Cylindrical Reflector (Sichak & Purcell) (1944), 624
- 6.65 Field Station for Antenna Measurements (Hiatt) (1945), 632
- 6.66 Vertical Coverage of a 1 1/2 Ft x 5 Ft Antenna Designed for SG-3 (Experimental Data Obtained with an SNB Aircraft as a Target.) (Blue & Moore) (1944), 636
- 6.67 SG-1 Antenna Mark 2 (Thickens) (1945), 639
- 6.68 Parallel Plate Optics for Electrical Scanning (Meyers) (1944), 646
- 6.69 Electrical Design of the AN/TPS-10 Antenna (Pao) (1944), 648
- 6.70 Flared Box Horn (Mason) (1945), 653
- 6.71 Shaping the Primary Pattern of a Horn Feed (Pao) (1945), 655
- 6.72 Characteristics of Horn Feeds on Rectangular Wave Guide (Risser), 656
- 6.73 SU-2 Antenna. Shipborne Stabilized Radar Antenna for Sea Search (Keary & Bohnert) (1945), 659
- 6.74 SU-2 Antenna. Line-of-Sight Stabilization of a Radar Beam by Reflector Tilt (Bohnert & Keary) (1945), 660
- 6.75 Reflections from Smooth Curved Surfaces (Spencer) (1945), 661

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

- 6.76 Stabilized SG-3 Antenna (Krutter & Bohnert) (1945), 665
- 6.77 Information on Radiation Laboratory Paraboloid Reflectors (Lashof) (1945), 679
- 6.78 A Low-Drag Beacon Antenna for Fighter Aircraft (Dunbar & Van Valkenburg) (1945), 685
- 6.79 Primary Feeds in Cylindrical Parabolas (Yevick) (1945), 686
- 6.80 The SCI Rapid Scan Height Finding Antenna (Robinson, Taggart & Pearson) (1945), 688
- 6.81 General Design Procedure for Pencil-Beam Paraboloid Antennas Having Horn Feeds (Mason), 690
- 6.82 Double-Curvature Surfaces for Beam-Shaping with Point-Source Feeds (Silver) (1945), 691
- 6.83 Double Coaxial Coupler for BUPX Antenna (Fano) (1945), 736
- 6.84 Calculation of Vertical Polar Diagrams and Power Gains of Antennas for Airborne Navigational Radars (Keary), 750
- 6.85 APQ-13 60-Inch Antenna (Sichak) (1945), 751
- 6.86 Parallel Plate Bends (Taggart & Fine) (1945), 760
- 6.87 Fourier Integral Methods of Analysis (Spencer), 762-1
- 6.88 Tables and Methods of Calculations for Line Sources (Spencer & Austin), 762-2
- 6.89 Broad-Band Antenna for Circular Polarization (Steinberger), 769
- 6.90 Broad-Band Coaxial-Line Horn (Steinberger) (1945), 770
- 6.91 Normal-Firing K-Band Array with Transverse Polarization (Chisholm & Steinberger), 771
- 6.92 Slotted Dipole Theory (Riblet), 772
- 6.93 Double Reflector Antenna for High Altitude Bombing (Chisholm & Vogel) (1945), 775

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

- 6.94 Airborne Early Warning Search Antenna (Keary & Bohnert) (1945), 779
- 6.95 K-Band Antenna for High Altitude Bombing AN/APQ-34 (Dunbar & Chisholm), 789
- 6.96 Present Status of High Power at S-Band (Young), 793
- 6.97 Shipborne Black Maria Antennas (Gilbert & Riblet) (1945), 796
- 6.98 Analysis and Correction of the Impedance Mismatch Due to a Reflector (Silver) (1945), 810
- 6.99 Hawkeye Antenna (Stanley) (1945), 812
- 6.100 S_A 6-6 Horizontally Polarized Antenna (Dickenson) (1945), 823
- 6.101 Die-Cast Model of the CSB Antenna (Dickenson) (1945), 824
- 6.102 Buzz-Bomb Antennas (Dickenson) (1945), 825
- 6.103 IFF Antennas for Mounting on the Wings of a TBM Torpedo Bomber (Maddaus) (1945), 842
- 6.104 IFF Receiving Antenna for Mounting in Cadillac Dish (Maddaus) (1945), 843
- 6.105 IFF Transmitting Antenna for Mounting in Cadillac Dish (Maddaus) (1945), 844
- 6.106 AEW Block III Relay Antenna (Maddaus) (1945), 845
- 6.107 Six-Element Vertically Polarized Beacon Antennas (Maddaus) (1945), 846
- 6.108 The AN/APQ-13 60" Scanner in B-29 Airplanes (Cady, Sichak & Mehringer) (1945), 848
- 6.109 Cindy Antenna; A High Resolution K-Band Radar Antenna for Sea Search (Bohnert) (1945), 849
- 6.110 Broad-Band Bi-Conical Vertically Polarized Dipole (Rowland) (1946), 851
- 6.111 Double Skin-Back Antenna (Rowland), 852

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

- 6.112 APS-33 Antenna; Final Pre-Production Data (Jones) (1946), 861
- 6.113 A New Pill-Box Feed (Taggart) (1945), 862
- 6.114 Horn With Metal Lens (Taggart) (1945), 863
- 6.115 Airborne Black Maria Antenna (Gilbert) (1946), 866
- 6.116 Lens Feed for K-Band Pill-Boxes (Eyges) (1946), 869
- 6.117 Streamlined Microwave Omni-Directional Antennas (Barker & Riblet) (1946), 871
- 6.118 A Four-Horn Feed to Give Csc^2 Antenna Patterns (West), 896
- 6.119 An IFF Mark 5/UNB Feed in the SCI Search Antenna (West), 897
- 6.120 An IFF Mark 5/UNB Feed in the AN/CPS-6 Vertical Antenna (West), 898
- 6.121 An IFF Mark 5/UNB Radiator in the AEW Antenna (West), 899
- 6.122 A Broad Band TEM Pill Box (Smith) (1946), 901
- 6.123 A Flat Plate Beam-Shaping Antenna (Smith) (1946), 903
- 6.124 The Angular Alignment of Radar Antennas (Bailey), 950
- 6.125 AN/CPS-6 (V-Beam) Antenna (Stergiopoulos) (1946), 951
- 6.126 Compact Horns Intermediate Between Polyrods and Reflectors (Eyges) (1946), 961
- 6.127 Dielectric Rod Endfire Antennas Close to Metal Surfaces (Eaton) (1946), 969
- 6.128 Linear Array for Use in the AN/APS-23 Antenna (Risser, Steenland, Steinberger & Eyges), 973
- 6.129 Reflections From Curved Surfaces (Barker & Riblet) (1946), 976

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

- 6.130 Two Circularly Polarized S-Band Horns (Sherman) (1946), 980
- 6.131 An X-Band Hemi-Isotropic Radiator (Sherman) (1946), 981
- 6.132 Omnidirectional Antennas for BUPX (Eyges) (1946), 996
- 6.133 SCI Search Antenna Mark I (Kales), 1025
- 6.134 SCI Search Antenna Mark II (Kales) (1946), 1026
- 6.135 The Beavertail (AN/CPS-4) Antenna (Pao), 1027
- 6.136 SG-1 Mark III Antenna (Mason), 1044
- 6.137 The Antenna for Radar Mark 35 (Swarts) (1946), 1045
- 6.138 AN/APS-31 Antenna (Berman) (1946), 1068
- 6.139 Beam Shaping (Certaine), 1069
- 6.140 Metal Plate Lens for Csc^2 Antenna (Dunbar) (1946), 1070
- 6.141 Low Altitude $Csc^2-\theta$ Antenna for APS-33 Project (Gardner) (1946), 1073
- 6.142 Survey of Foster Scanner Developments (Millett, Worthington, Younker, Montgomery & Montgomery), 1074
- 6.143 The Alteration in the Radiated Field of a Paraboloid Due to a Shift in the Position of the Dipole Feed (Hildebrand) (1946), 1078
- 6.144 Admittance Characteristics of Some S-Band Wave Guide Fed Dipoles (Whelpton) (1946), 1082
- 6.145 Proposed Antenna for Panoramic Radar (Gordy) (1945), S-55
- 6.146 Tables of Fourier Transforms of Fourier Series, Power Series, and Polynomials (Spencer, Austin, Chisholm, Fine & Schwartz), S-58
- 6.147 Antenna Catalog (Brady) (1945), S-64

DECLASSIFIED

DECLASSIFIED

- 6.148 Paraboloid Diffraction Patterns from a standpoint of Physical Optics (Spencer) (1942), T-7
- 6.149 General Lecture Series on Radar Components (Wheaton, Editor) (1944), T-18

Radio Research Laboratory, Harvard University

- 7.1 Wide-Band Cone Antennas (Preliminary Report) (Silleman) (1943), 411-18
- 7.2 Measured Impedance Characteristics of Cylindrical Radiators Less Than One Wavelength Long (Daniell) (1943), 411-34
- 7.3 Antennas for RCM (Alford) (1944), 411-100
- 7.4 Antennas for RCM (Alford) (1945), 411-100A
- 7.5 High Gain Antenna for S-Band Transmitter (Driscoll) (1944), 411-101
- 7.6 Shipborne Tests of M-2600 (CXGA) & Radio Direction Finder (Kraus, Clark & Morgan) (1944), 411-109
- 7.7 Preliminary Report of M-6300 (Bock & Nelson) (1944), 411-114
- 7.8 Semi-Emperical Relations Between the Gain Aperture, Beam Width & Shape of High-Gain Antennas (Alford & Clarke) (1944), 411-119
- 7.9 M6302 Skirted Stub Antenna (Nelson) (1945), 411-120
- 7.10 Tabulation of Antenna Spinner Assemblies for Group M Direction-Finding System (Kraus) (1944), 411-134
- 7.11 The AT-52/APT, AT-53/APT, & AT-54/APT (M313) Stub Antenna Masts, and Assemblies Which Include Them (Harbury) (1945), 411-153
- 7.12 Preliminary Report on the M-6804 Antennas (Lazarus) (1945), 411-166

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

- 7.13 C1900 VHF Homing Methods & Homing Equipment (Christensen) (1945), 411-168
- 7.14 Operational Use of AN/APA-24 DF Antenna on B29 Aircraft of the XX Bomber Command (Wittkopf) (1945), 411-180
- 7.15 Optimum Directivity Pattern for Search Antennas (Foster) (1945), 411-192
- 7.16 C1906 Azimuth Homing System (Navy AN/APA-48) (Christensen) (1945), 411-198
- 7.17 Modifications of the AN-148-A Antenna for RCM Use in the 200 Ma. Region (Margalin) (1945), 411-203
- 7.18 Radiation Characteristics of Modified AN-148-A Antenna (Klein & Ellis) (1945), 411-203A
- 7.19 Modification of AN/APA-42 for Bottom Mounting in B-29 (Wittkopf) (1945), 411-208
- 7.20 Design Considerations & Characteristics of M2900 Antennas (Bock) (1945), 411-210
- 7.21 Adaptation of AS-161/ART & AS-97/ART Whip Antennas as Horizontally-Polarized Radiators in the 75 Mc Region (Lazarus) (1945), 411-212
- 7.22 Method of Installation & Pattern Measurement of C-1950 Series Homing Antennas (AN/APA-48) in Various Type Aircraft (Christensen) (1945), 411-213
- 7.23 Performance of the AS-251/AP (M2204) Antenna System When Mounted in Metallic Recesses (Allen) (1945), 411-216
- 7.24 Performance & Applications of the M-2914 Relay (Stavis) (1945), 411-218
- 7.25 The M6120 Broad-Band Antenna Spinner for the M4100 (DBM) Direction Finding System (Kraus, Clark & Beraducci) (1945), 411-233
- 7.26 A Photographic "PPI" Method of Model Antenna Pattern Measurement (Christensen) (1945), 411-242
- 7.27 M6700 Shipborne DF Antenna (Stavis) (1945), 411-243

DECLASSIFIED

- 7.28 Slot Antenna Development at RRL (Lazarus) (1945), 411-263
- 7.29 Circularly Polarized Search Antennas for the Band 2100 to 4000 Mc. (Hatch & Loomis) (1945), 411-283
- 7.30 M6600 X-Band Antenna & Drive Assembly for Use with M3000 (AN/APA-17) Airborne Direction Finder (Barkofsky) (1945), 411-287
- 7.31 Report on M4000 Antennas (Horton, Nelson & Wilhoit) (1946), 411-291
- 7.32 S-Band Circularly Polarized Radiator (Kaeler) (1945), 411-294
- 7.33 Fishhook Antenna (Alford) (1946), 411-298
- 7.34 The AT-52/APT, AT-53/APT, & AT-54/APT (M313) Stub Antenna Masts & Assemblies Which Include Them (Harbury) (1944), 411-1B-40
- 7.35 Equivalent Point Antennas of Constant Current Epoch (Foster) (1943), 411-TM-24
- 7.36 Preliminary Report on Split-Can Antennas for Horizontal Polarization (Alford & Harbury) (1943), 411-TM-34
- 7.37 The M-4500 Spinner for the M-2300, M-2600, M-3000, and M-4100 Systems (Harbury) (1944), 411-TM-35
- 7.38 Broad-Band Lobe Switching (Foster) (1944), 411-TM-42
- 7.39 M2201 Antenna (Daniell) (1943), 411-TM-53
- 7.40 The M2202 Antenna (Daniell) (1944), 411-TM-54
- 7.41 Comparative Field Intensity Response of M2409 Cone Dipole & M801 Single Cone Antennas (Bock) (1944), 411-TM-55
- 7.42 AS-44/APR(A2602) Antenna for the AN/APR-5 (A2600) Microwave Receiver 1000-3100 Mc. (Singleton) (1944), 411-TM-77
- 7.43 The F-3701 Dipole & Corner Reflector Antenna (450-720 Mc.) (Singleton) (1944), 411-TM-78

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

- 7.44 AS-29/APR(M2101) Broadband Cone Antenna (300-3300 Mc.)
(Singleton) (1944), 411-TM-79
- 7.45 AS-56/APR(M2408) Shipboard Dipole Antenna (75 to 300 Mc.)
(Singleton) (1944), 411-TM-80
- 7.46 AS-56/SPR(M2409) Shipboard Cone Dipole Antenna (Singleton)
(1944), 411-TM-81
- 7.47 M-2508 Ground Based Corner Reflector Antenna (90 - 150 Mc.)
(Singleton) (1944), 411-TM-82
- 7.48 M-2511 Ground Based Corner Reflector Antenna (150-210 Mc.)
(Singleton) (1944), 411-TM-83
- 7.49 Airborne Antennas for AN/APR-1 (Daniell & White) (1944),
411-TM-92
- 7.50 Photographs and Characteristics of M801 Antenna Assembly
for the RC-160 (C1100) Autosearch Receiver (Daniell)
(1944), 411-TM-93
- 7.51 The A-2602, A-2608, and A-2612 Cone Antennas (Harbury)
(1944), 411-TM-113
- 7.52 M3203 Antennas (Driscoll) (1944), 411-TM-122
- 7.53 Theory and Applications of Loop Antennas (Foster) (1944),
411-TM-123
- 7.54 Equivalent Radius of Thin Cylindrical Antennas (Block
and Hamermesh) (1944), 411-TM-125
- 7.55 M-4400 High-Gain Antenna (Driscoll) (1944), 411-TM-134
- 7.56 M-2903 Shipborne Antenna (Bock) (1944), 411-TM-140
- 7.57 5 to 10 cm Search Antennas for Naval Installations
of the AN/APR-5A Receiver (Wadly) (1944), 411-TM-143
- 7.58 Comparison of Chin-Mounted M-2202 With Bottom-Mounted
J-303 as Jamming Antennas for GL Radar AS-69/APT vs.
AS-33/APT (Vidro and Peterson) (1944), 411-TR-29
- 7.59 Field Patterns of M-2202 Antennas for Wing and Belly
Mounting on B-17F Aircraft (Vidro) (1944), 411-TR-29A

DECLASSIFIED

DECLASSIFIED

- 7.60 Test Report, Comparison of Top and Bottom Mounted AN/APA-24 Antenna on Ferret 12 (Whitley) (1944), 411-TR-40
- 7.61 Performance of F-3701 and F-3702 Antennas When Driven by an F-3400 Transmitter (Gager) (1944), 411-MTR-1
- 7.62 Ellipticity Tests on M-2208 Antenna (Gager) (1945), 411-MTR-21
- 7.63 Antenna for Carpet Transmitter (Lewis) (1942), J-303-R1
- 7.64 Antenna for Carpet Transmitter (Nelson) (1943), J-303-R2
- 7.65 Impedance of the F1906 Dummy Antenna in the 500 to 700 Megacycle Frequency Range (Daniell) (1943), J-1005-R1
- 7.66 Measurement of Input Impedance of Inverted-Fed Conical Radiators (Erde) (1945), J-1500-R1
- 7.67 Investigation of Disc Resistors for Transmission Line Termination (Sather) (1943), J-1500-R2
- 7.68 Characteristics of the Type AN-74-A Antenna Mast and its Modifications (Daniell & Silleman) (1943), J-1600-R2
- 7.69 Measured Impedance of an English 53 Cm. Stub Antenna and Concentric Line Transformer (Slocum & Daniell) (1943), M-1001-R1
- 7.70 Aircraft Antenna Field Pattern Measurements (Barnes) (1943), M-1007-R1
- 7.71 Optimum Length of Stub Antenna Derived from Type AN-104B Antenna (Daniell) (1943), M-1102-R1
- 7.72 Characteristics of the M1704 200 Megacycle Loop Antenna (Daniell) (1943), M-1700-R1
- 7.73 Maximum Acceptable Standing Wave Ratio as Antenna Design Criterion (Dorne) (1943), M-1900-R1

DECLASSIFIED

Sperry Gyroscope Company

- 8.1 Video Amplifiers and Antenna Patterns - Fourier Transforms (Tawney) (1941), 3
- 8.2 Memorandum on Antenna Patterns and Limitations of Radiating Systems (Tawney) (1946), 15
- 8.3 Report on 330-MC Glide Path System (Ferrill) (1941), 16
- 8.4 Effects of Signal Fading in Conical Scanner Data (White) (1942), 37
- 8.5 Instrument Landing Development (Jenks) (1942), 42
- 8.6 Radio Instrument Landing Systems; A Discussion on the Limitations Imposed by Radiation and Propagation (Tawney & Braunlich) (1943), 83
- 8.7 Conical Scan BTO System (Shepherd) (1943), 120
- 8.8 Pulse Glide Path for Instrument Landing (Shock) (1943), 134
- 8.9 Circular Polarization Effects in Microwave Radiators (Gamble) (1943), 171
- 8.10 Antenna Patterns as Applied to the Instrument Landing Glide Path (Braunlich) (1944), 197
- 8.11 Plane and Conical Beam Glide Paths (Braunlich) (1944), 234
- 8.12 Polyiron Cores as used in Loop Antennas (Browder) (1944), 4003
- 8.13 Considerations that should be Given to the Design of a Localizer (Litchford) (1945), 4012

U. S. Navy Electronics Laboratory

- 9.1 Test of Modified TAQ Transmitter on U.S.S. CALIFORNIA, R-1
- 9.2 Antenna Measurements on U.S.S. BRIDGE, R-2
- 9.3 Antenna Measurements on U.S.S. KANAWHA, R-3
- 9.4 Directional Characteristics of Shipboard Transmitting Antennas - U.S.S. SARATOGA, R-4
- 9.5 Antenna Measurements on U.S.S. SARATOGA, R-5
- 9.6 Radio Hazard to Security of Extremely Small Antenna Voltages - Receiving Antennas on U.S.S. CONCORD, R-6
- 9.7 Radio Hazard to Security of Extremely Small Antenna Voltages - Receiving Antennas on U.S.S. HUGHES and U.S.S. CROSBY, R-7
- 9.8 Radio Hazard to Security of Extremely Small Antenna Voltages - Receiving Antennas on U.S.S. TIPPECANOE and U.S.S. ZEILIN, R-8
- 9.9 Radio Hazard to Security of Extremely Small Antenna Voltages - Receiving Antennas on U.S.S. HARRIS, R-9
- 9.10 Radio Hazard to Security of Extremely Small Antenna Voltages - Hi-Fre. Receiving Antenna on U.S.S. CROSBY, R-10
- 9.11 Directional Characteristics of a High Frequency Receiving Antenna on U.S.S. CROSBY, R-11
- 9.12 Characteristics of Antennas on U.S.S. SAN DIEGO, R-12
- 9.13 Antenna Impedance Measurements on the U.S.S. HORNET, R-13
- 9.14 Antenna Impedance Measurements on the U.S.S. PRESIDENT JACKSON, R-14
- 9.15 Antenna Measurements on U.S.S. LONG ISLAND, R-15
- 9.16 Antenna Measurements on U.S.S. LAFFEY and U.S.S. WOODWORTH, R-16

DECLASSIFIED

DECLASSIFIED

- 9.17 Antenna Impedance Measurements on U.S.S. WASP, R-17
- 9.18 Radio Hazard to Security Resulting from Small Antenna Voltages - Receiving Antennas on U.S.S. SAN DIEGO, U.S.S. LAFFEY, and U.S.S. PC-570, R-18
- 9.19 Model TBS Antenna Field Patterns - U.S.S. CROSBY, U.S.S. WOODWORTH and U.S.S. WAHOO, R-19
- 9.20 Characteristics of Antennas on the U.S.S. PC-487, U.S.S. PC-569 and U.S.S. PC-570, R-20
- 9.21 Variation in Airplane Receiver Response with Distance and Direction from the U.S.S. LONG ISLAND, R-21
- 9.22 Antenna Measurements on Submarines of the Albacore Class - U.S.S. WAHOO (SS-238), U.S.S. WHALE (SS-239) and U.S.S. SUNFISH (SS-282), R-22
- 9.23 Antenna Measurements on the U.S.S. TUNNEY (SS-282), R-24
- 9.24 Radio Hazard to Security Resulting from Receiver Radiation from Submarine Antenna - Summary of Previous Radio Hazard Data, R-25
- 9.25 Antenna Measurements on Destroyers of the Bristol Class, R-26
- 9.26 Radiation Field Patterns of Antennas on U.S.S. PHELPS (DD-360), R-27
- 9.27 Radiation Field Patterns of Antennas on U.S.S. LONG ISLAND, R-28
- 9.28 Directivity in Shipboard Antennas, Summary of Observations to April 1943, R-29
- 9.29 Antenna Installations for Fighter Director Communication on Auxiliary Aircraft Carriers - Performance and Progress Toward Improvement, R-30
- 9.30 Simple Methods of Determining Directivity Characteristics of Shipboard Antennas by the Use of Aircraft, R-31
- 9.31 Antenna Measurements on U.S.S. DOHERTY (DE-14), R-32

DECLASSIFIED

- 9.32 Directivity Characteristics of Antennas on the Submarine Chaser U.S.S. SC-1003, R-33
- 9.33 Characteristics of Antennas on the Submarines U.S.S. TINOSA (SS-283), U.S.S. TULLIBEE (SS-284), U.S.S. SEAHORSE (SS-304) and U.S.S. SKATE (SS-305), R-34
- 9.34 Radiation and Impedance Characteristics of Various Types of Whip Antennas as Installed on Wooden SC Boats, R-35
- 9.35 Directivity Characteristics of the New Antennas on the U.S.S. NASSAU (CVE-16), R-36
- 9.36 Antenna Directivity Patterns and Influence of Radar Training on TBS Patterns - U.S.S. IRWIN (DD-794), R-37
- 9.37 Employment of a Ship's Mast as a Shunt Excited Antenna - Some Measurements Aboard Vessels of the Frigate Type, R-38
- 9.38 Antenna Directivity Patterns and Influences of Radar Training on TBS Patterns - U.S.S. ORCA (AVP-49), R-39
- 9.39 Antenna Directivity Patterns on U.S.S. TANG (SS-306) and U.S.S. SPADEFISH (SS-411) with Experimental Measurements on Whip Antenna Extension to Radarscope Antenna Systems on U.S.S. SPADEFISH, R-40
- 9.40 Antenna Directivity Patterns on U.S.S. PETROF BAY CVE-80 - TBK, TBL and TDE Whip and VHF Antennas, R-41
- 9.41 Antenna Directivity Patterns for U.S.S. HALLORAN (DE-305) - Comparison between nearby and remote Transmissions, Effect of Radar Training upon TBS Patterns, R-42
- 9.42 Antenna Directivity Patterns of U.S.S. TREPANG (SS-412) and Submarine and Frigate Shunt Excited Superstructure Radiation Measurements, R-43
- 9.43 Theory, Design and Construction of a Remote Antenna Tuning Unit, Frequency Range 2.0 to 18.2 mcs.

DECLASSIFIED

UNCLASSIFIED

University of California

- 10.1 Report of RF Distribution System for Receivers in 15 KC to 20 MC Range on U.S.S. Hornet (McCharles), 101
- 10.2 Antenna Installations and Communications Equipment on U.S.S. Norris (DD859) Class DD 710 (Wiens), 102
- 10.3 Antenna Installations and Communications Equipment on U.S.S. Buchanan (DD484) Class DD 453 (Wiens), 103
- 10.4 Preliminary Report on Antenna Interaction on the PC 799 (Wiens), 104
- 10.5 AN/TRC Test for Sea Coverage from Various San Francisco Sites (Wiens), 106
- 10.6 Preliminary Report on Task LX (Dexter & Morgan), 107

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

Supplementary List I

Reports of Industrial Companies

Bell Telephone Laboratories, Inc.

- A1 Design of Electromagnetic Horns 1/8/41
- A2 Paraboloid Rear Feed System (Cutler)
- A3 Microwave Antenna Data (McRae)
- A4 Design Features of FH (10) Antenna
- A5 Improved Paraboloid Rear Feed System (Cutler) 5/18/42
- A6 Parabolic Cylinders in Microwave Antenna Systems (Lewis) 8/13/42
- A7 Paraboloid Antenna Feed Design
- A8 S.E. Antenna System -- Electrical Characteristics of Production Model
- A9 Microwave Antennas (Cutler) 10/1/42
- A10 3 cm. ASV Antenna (Cutler) 10/1/42
- A11 Antenna Lobing Angles (Albersheim)
- A12 Measurement of Field Strength, Polarization and Phase for 3 cm. Antennas
- A13 High Gain Microwave Antenna
- A14 Antenna Characteristics for First Flight Test Model of ASH Radar 1/20/43
- A15 Images of Rectangular Waveguide Feeds Considered as Arrays 1/8/43
- A16 Characteristics of 16" x 29" Elliptical Paraboloids
- A17 Dielectric Antenna or Polyrod 2/4/43
- A18 Rear Feed Horn Design for Elliptical Paraboloids 2/4/43

DECLASSIFIED

- A19 Antenna Characteristics of Revised Antenna for ASH Radar
(Cutler) 5/4/43
- A20 Wide angle Characteristics of Antenna for ASH Radar
(Cutler) 5/4/43
- A21 Appl. of Princ. of Phys. Optics to Design of UHF Paraboloid
antennas
- A22 Antenna Gain Standard in the X-S Band Region (King) 6/9/43
- A23 Method of Minor Lobe Reduction Employed Successfully on
Mark 12 Radar Antenna
- A24 Supporting Studs for Pill Box Antennas
- A25 S.S. Submarine Radar Antenna (Lewis)
- A26 Window for Sealing X-Band Parallel Plate Antenna Apertures and
Application to S.S. Antenna (Lewis) 7/16/43
- A27 Electrical Properties of Antenna and Feed for D-150310 (SL-X) Radar
(Cutler and Eberhardt) 7/28/43
- A28 Mark 13 Oscillating Antenna (Rocking-Horse) Mechanical
Features (Kock) 7/28/43
- A29 Method for Reducing Deflection Effect in Antenna Feeds
(Kock) 8/11/43
- A30 Reduction of Minor Lobes in SJ Antenna Rad. Patterns
(Beck) 9/17/43
- A31 Mark 13 Oscillating Antenna (Rocking Horse) Elec. Features
(Kock) 9/23/43
- A32 Plexiglas Lens Antenna for Microwaves
- A33 Mark 27 Mod. 1 Radar Antenna (Beck)
- A34 Note on Field Intensity Computations for Elevated Antennas
(Gray)
- A35 Design of 50-ohm Test Depoles for "L" and "S" Bands
(Kinzer) 9/29/43
- A36 CXEX (SS) Radar - Discussion of Bearing Indications and
Accuracy (Bryan) 9/30/43

DECLASSIFIED

UNCLASSIFIED

- A37 "Corkscrew" Plumbing Assembly for the "Universal" Feed
(Feldman) 11/24/43
- A38 Some Observed Effects of Trees upon Microwave Propagation
(Peterson) 10/15/43
- A39 Mark 27 Mod. 1 Antenna with New Window Casting (Beck) 11/15/43
- A40 Speculation Concerning Future Shipborne Main Battery Radar
Directors (Feldman) 10/18/43
- A41 X-Band Wobble Tuned Ringing Cavities X-61724 Test Set
Phantom Target RF-3/AP and Antenna Assembly AS-15/AP
- A42 Notes on the Design of Asymmetrical (cosecant) Antennas
(Cutler) 11/12/43
- A43 K-Band AA Scanner (Doherty)
- A44 Dummy Antenna for Radar Testing
- A45 A Preliminary Report on the Antenna for Mk VIII Conversion
- A46 Wire Strip Cosecant Antenna
- A47 Dipole Antenna AS-15/AP for RF-3/AP Phantom Target (Marshall)
- A48 Experiments with the Foster Type Antenna at X-Band (Kock)
2/8/44)
- A49 The Cylinder as a Source of Controlled Microwave Directional
Radiation (Cutler) 2/14/44
- A50 Icing Experiments at X-Band
- A51 Notes on the Fresnel Diffraction of Microwaves (Lewis)
- A52 Characteristics of the Mk 7-Mod. 1 Antenna (Ring) 3/14/44
- A53 Dielectric Lenses in Parallel Plate Microwave Antennas (Lewis)
- A54 Impedance Matching into Sea Water (Beck)
- A55 The Rolled Reflector Scanner (Lewis)
- A56 Scanning Loss Measurement on the Mark 8 Radar (Feldman)
- A57 A Microwave Antenna Pattern Recorder (Symonds) 11/15/44

DECLASSIFIED

- A58 Design of Cylindrical Cosecant Reflector (Cutler) 1/5/45
- A59 Line Sources of Microwave Energy for Feeding Cylindrical Reflectors 1/5/45
- A60 Metal Plate Lenses for Microwaves (Kock) 3/23/45
- A61 Experiments with Metal Plate Lenses for Microwaves (Kock) 3/44
- A62 Metal Plate Lens Design Considerations
- A63 Wire Lens Antennas (Kock)

General Electric Company

- A64 Antenna Reflector Unit (Pantograph) (Smith) 4/43
- A65 Conditions for Antenna Pattern Measurement
- A66 Multilobe Tracking System
- A67 Radiation from ARO Equipment through B-29 Side Blister (Andrews)
- A68 Small Parabolic Reflectors with Minimum Side Lobe Radiation (Andrews)

Radio Corporation of America

- A69 Two High Frequency Arrays Used in Combination with Rotating Mount 5/27/42
- A70 The Sleeve Antenna (Carter) 6/12/43
- A71 Report on 3 Antennas (Wehner) 8/9/43
- A72 Power Limit-Airplane antenna (Carter) 8/12/43
- A73 Present Status of K-Band Scanning Project

DECLASSIFIED

DECLASSIFIED

~~SECRET~~

UNCLASSIFIED

Raytheon Manufacturing Company

A74 Test of Wind Forces on a Parabola 6/2/42

Westinghouse Electric Manufacturing Company

A75 Theory of Radiation from Paraboloid Reflectors (Condon)
9/24/41

DECLASSIFIED

Supplementary List II
Reports of British Agencies

Admiralty Research and Development Establishment

- B1 Antenna Theory
- B2 Waveguide Feed and Moving Apertures 10 Cm
- B3 Antenna Patterns
- B4 Gain and Pattern for 3 Ft Dish 10 Cm
- B5 Impedance Measurements on SLC (220 Mc)
- B6 Impedance of Yagis at 165 Mc
- B7 Estimation of the Gain of Yagi Aerial (J.M.C. Scott)
(1/2/43) (Res. Rpt. 189)
- B8 Narrow Beam Scanning Aerials at 3 Cm (A. B. Pippard,
J. Ashmead) (7/20/43) (CR 209)
- B9 MIT Antenna Conference and Observation on General
American Equipment (Ashmead)
- B10 Linearity of H_1 Piston Attenuators (1943)
- B11 Wide Band Matching of Waveguide Radiators and Paraboloids
(1943)
- B12 Theory of the L.W. Tilted Aerial Polar Diagram
- B13 Improved Microwave Radiator Having an Aperture of from
3 to 10 Wavelengths

Air Ministry

- B14 A.R.I. 5033 Modification to Aerial Connections
(SC 0208(2)/61-W)
- B15 Equipment Type "7000" (Ground Station) Chop 5 - Aerials,
Lines, and Feeders (July 1942) (SD 0295)

- B16 Control Equipment for Aerial Switching, Sec. 6, C.1:
Transmitter Aerial Switching Equipment Type A, for M.R.U.
(7/42) (S.D. 0176)
- B17 Test Sets Type 273 and Type 274 (10/44) (CD 0408.5)
- B18 RDF Aerials Sec. 1, Ch. 2: Mk IX C.H. 3/43 S.D. 0176
- B19 RDF Aerials - Painting Leaflet 3 S.D. 0176
- B20 Air Ministry Signals Bulletin Section II - Radar
Equipment Program
- B21 Turning Gear Type 6 C.D. 0846-E

Army Operational Research Group

- B22 Ground Aerials (Gill. Riley) (6/13/45)

Admiralty Signals Establishment

- E23 Special Report OSRD RCM Mission in England. RCM Set-Up
at Douer (Kauffel, Doersam) (1/22/43)
- B24 Switching of an In-Line Array of 21 Dipoles (Alred)
(12/42) (M-461)
- B25 Electrical Characteristics of Aerial Outfit A.S.E.
(Types 281 M3/M4) (Alred) (12/42) (M463)
- B26 Electrical Characteristics of Aerial Outfit A.S.E.
(Type 284 M3/4) (M469)
- B27 Impedance Measurements on Aerial Arrays for Types 282/3/4/5M3/4)
(Daly) (M460)
- B28 Electrical Characteristics of Aerial Outfit A.S.G.
(Type 285 M3/M4) (Alred) (M462) (12/42)
- B29 Performance of Single Half-Wave Aerial Combined with a
V-Shaped Reflector (Moullin, Reynolds) (11/1/41) (M-403)
- B30 Performance of Long In-Line Array Combined with a V-Shaped
Reflector (Moullin, Reynolds) M-403 Pt. 2)

DECLASSIFIED

UNCLASSIFIED

- B31 Diffraction Pattern and Power Gain of Aerial Arrays in Which the Currents are not Necessarily Equal or Cophased (Moullin) (3/41) (M-359)
- B32 Gain Evaluations for Directive Antennas (Alred) (M-329) (4/40)
- B33 Problem of Long Current Filament Parallel to a Metal Cylinder (Moullin, Reynolds) (3/42) (M-410)
- B34 Cylindrical Parabolas with Top and Bottom Walls at Cm Waves (Bohm) (Oct. 42) (M-455)
- B35 Semi-Infinite Flat Sheets as Reflectors for Aerials (Reynolds, Moullin) (3/42) (M-413)
- B36 "Pill Box" Parabola - Theory
- B37 Linear Antenna Array (600 mc)
- B38 Antenna Impedance Measurements for Types 282/3/4/5-50 cm.
- B39 Antennas for ASE (Type 282-50 cm), ASF (Type 284-50 cm), ASG (Type 285-50 cm)
- B40 Rectangular Guide-Coax Line Coupling (Theory)
- B41 V-Shaped Reflectors (Handbook)
- B42 293 Rotation Speed Trials (Tantallon)

British Branch, Radiation Laboratory

- B43 Oboe Mark II Antennas (Keary)
- B44 Azimuth Beam Switch Antenna for Short Range Bombing (Dunbar)
- B45 Detection of Microwave Depolarization with a Single Dish System (Byers, Martinelli)
- B46 Use of Coupling Units with Fixed Antennas for Loran Airborne Equipment

DECLASSIFIED

DECLASSIFIED

Coastal Command Development Unit

B47 Polar Diagram of Mk. III ASV in a Halifax II

Central Fighter Establishment

B48 "Hookah" (Wide Band Homer) (3/30/45) (F.I.D.S. 266)

Combined Intelligence Objective Service Subcommittee

B49 Report on Interrogation of Dr. Mallach, Vierjahresplan Institut for Schwingungsforschung (Macfarlane, Stewart) (July 30, 1945)

Combined Services Interrogation Report

B50 Notes on Japanese CM Radar Antennas, Pts. I, II, and III (Strachan, Webster) (28/44, 8/18-9) (T. I. 139/1,2,3)

B51 Extension of Frequency Range of the Radar Set Type LW/AW (200Mc/s) I. Design of Aerial (Kaiser) (9/27/44) (R.P. 223)

B52 Aerials for Rebecca in Beaufighter

B53 Aerial and Hut Structure for LW/AWH Mark II

B54 Use of Geometrical Optical Theory in Design of Mirror Shapes for Scanning Aerials (Gooden) (2/28/45) (R.P. 242)

B55 Test of L.F.C. Rod Aerial

B56 Broad-Band Radar Antenna for 190-230 Mc/s (4/9/45)

B57 Design Data Relating Directional Diagram to Aperture Illumination of Pencil and Fan Beam Aerials (Ryan) (2/15/45)

DECLASSIFIED

DECLASSIFIED

Department of Scientific and Industrial Research

UNCLASSIFIED

- B58 Notes and Diary of Morton H. Kanner (Kanner) (Jan.-Feb. 1942)
- B59 Relation Between the Transmitting and Receiving Characteristics of Aerials (Burgess) (7/16/42) (RRB/C.56)
- B60 Comparison Between the Sensitivities of Dipole Antennae of Different Sectional Dimensions (Essen) (11/13/43) (RRB/C.66)
- B61 An Analysis of the Cathode Follower and the Constant Resistance Network for Aerial-Line Coupling (Burgess) (6/30/43) (RRB/C.77)
- B62 Some Measurements of the Impedance of Aerials at Frequencies Between 200 and 1000 Mc/S (Essen, Olivier) (7/5/43) (RRB/C.79)
- B63 Experimental Polar Diagrams of a Half-Wavelength Receiving Aerial and V-Type Wire Netting Reflector (McPetrie, Saxton) (2/21/41) (RRB/C.20)
- B64 Fluctuation Noise in a Receiving Aerial (Burgess) (11/20/43) (RRB/C.86)
- B65 An Improved Atmospheric Direction Finder (Adcock, Clarke) (2/28/45) (RRB/C.117)
- B66 Measurement of Performance of a Half-Wavelength Aerial with Single Parasitic Reflector (McPetrie, Saxton) (8/26/41) (RRB/C.36)
- B67 Polar Diagram of Receiving Aerial with Particular Reference to Dipoles of Length Comparable with the Wavelength (McPetrie, Saxton) (1/25/41) (RRB/C.17)
- B68 Experiments Using a Parasitic Reflector with a Dipole Aerial at Wavelength of 6 Metres (Ford, Saxton) (10/28/41) (RRB/C.41)

General Electric Company, Ltd. Research Laboratory

- B69 Polarization Effects and Aerial System Geometry at Cm. Wavelengths (Megan, Thompson, Hickin) (11/26/42) (8101)
- B70 Design of VHF Aircraft Aerials (124-150 Mc/s) (Donavon) (2/1/44)
- B71 VHF Aerial Matching Unit (100-130 Mc/s)

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

Metropolitan-Vickers Electric Co. Ltd.

- B72 Half Wave Aerial and Flat Sheet Reflector (Moullin) (2/43) (#4647)

National Physical Laboratory

- B73 Effect of Relative Directions of Transmitting and Receiving Antenna on Signal Strength (Smith-Rose) (12/19/44) (AC 7639 Com 268)
- B74 Field Strength Meter and Standard Radiator for Cm.
- B75 Fluctuation Noise in a Receiving Aerial
- B76 Design and Performance of Radiogoniometer for UHF
- B77 Specs and Measurement of Polarization Errors in Adcock-Type DIF (Ross)

National Research Council of Canada

- B78 Matching of a Rectangular Waveguide with a Thin Antenna (Chien, Dufeld, Pounder) (8/43) (Radio #7)
- B79 Resistances of Antennae of Various Shapes and Positions in Rectangular and Circular Wave Guide
- B80 Antenna Patterns
- B81 Influence of Width of Gap in Antennas
- B82 Theory of Antenna Reception (Synge) (1/43) (Radio Rpt. #3)
- B83 General Problem of Antenna Radiation and the Fundamental Integral Equations Application to an Antenna of Revolution (Synge) (8/42) (Rpt. #4)
- B84 Design of Dipoles for Leaky Guides
- B85 ASV Beacon Antenna (176 Mc)
- B86 Antenna Reception (Theory)

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

- B87 Ya_gi for Motor Launches (200 Mc)
- B88 Waveguide Feed for Dipole Array
- B89 Impedance of Antennas and Waveguides
- B90 Circular Guide Terminated in Coax Plug (Theory)
- B91 Slotted Wave Guide Aerial
- B92 Omni-Directional ASV Beacon Antenna (175 Mc)
- B93 Microwave Antenna with Phase-Changing Beaming Swing
- B94 Antenna Feeds - Fixed and Variable Frequencies (Especially 70 Mc)
- B95 Guide Fed Linear Arrays (Theory)
- B96 Rectangular Wave Guide Matching with Thin Antenna
- B97 Electrical Pattern Calculator for Linear Arrays (McGaine, Alcock) (7/43) (PRA-83)
- B98 "Electrical" Scanning (McGill University)
- B99 Coupling of a Resonant Slot to a Wave Guide
- B100 PPI Antenna for LREW (1943)
- B101 Frequency Characteristics of Slots (1943)
- B102 Theory of Guide-Fed Array with Shunt-Coupled Slot Radiator with Mutual Admittances (1943)
- B103 Analysis of Errors in C.R.D.F. Adcock Aerials (McLeish) (11/1/43) (PRA-101)
- B104 Rotary Microwave Switch
- B105 National Research Council of Canada Progress Reports for Jan. (1944)

Orfordness Research Station

- B106 Interference Patterns from Spherical Reflecting Surfaces

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

Post Office Engineering Department

- B107 Some Numerical Calculations of Directional Properties of Certain Horizontal Rhombic Aerials (Hall, Shaddick) (3/27/43) (Radio Rpt. #919)
 - B108 Aperiodic Radiogoniometer for D. F. Antenna at 300-600 Kc/s (Bray, Lillicoup, Ewen) (2/2/45) (Radio 1284)
 - B109 The Performance of Vertical Short Wave Antennae Above a Finitely Conducting Earth (Stanesby, Frye, Price) (4/10/45) (Radio 1315)
 - B110 Design of Horizontal Rhombic Aerials of Uniform Characteristic Impedance (Bray, Meadows, Shaddick) (4/4/45) (Radio 1287)
 - B111 High Frequency Antenna Feeder (1-200 mc)
 - B112 Input Impedance Measurements on Transmission Line Connected to Cage-Dipole Aerial (Jarvis, Simmonds, Looser) (6/28/43) (Radio 978)
 - B113 Measurements of Input Impedance of Single Wire and Three Wire Rhombic Aerials (Jarvis, Simmonds, Looser) (6/28/43) (Radio 979)
 - B114 A Transportable Rhombic Aerial for Ultra Short Waves (Bray, Merriman, Meadows, Prain) (4/22/44) (Radio 1137)
 - B115 Comparison of Gains of Full-Wave Horizontal Dipoles Having Different Diameters (Bray, Meadows, Shaddick) (4/22/44) (Radio 1138)
 - B116 Long and Medium Wave Artificial Adcock Aerial Unit
 - B117 Long and Medium Wave Capacitive Radiogoniometers
 - B118 Measurement of the Input Impedance of Two Transmitting Aerials (100 kc/s-2mc/s)
- Pye Ltd. Research and Development Labs.
- B119 Measurement of the Gain of Paraboloidal and Sections of Paraboloidal Mirrors (Lawson, Lord) (10/27/43) (76/43/5)

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

Radio Direction Finding (Committee)

- B120 Spherical Dish and Paraffin Lens (Theory)
- B121 Parabola Theory (Nabarro)
- B122 Side Lobes

Radio Physics Laboratory, (Australia)

- B123 GCI Radar Independent of Site
- B124 Effect of the Earth-Reflected Wave on the Broad-Narrow Beam Method of Height Finding
- B125 Noise Level Picked Up by an S-band Aerial
- B126 Reflection Properties of Metal Gratings
- B127 Extension of the Frequency Range of Radar Set Type LW/AW (200 Mc/s) Design of Aerial

Radio Research and Development Establishment

- B128 Contour Diagrams of Radiated Field of Dipole under Various Conditions of Anomalous Propagation
- B129 A Critical Study of an Indirect Method for Measuring the Power Gain Microwave Aerials (Burrell, Cramie, Pippard) (2/2/45) (CR. 27+)
- B130 Effect of Ground and Opaque Screens on Polar Diagram (Corcoran, Hough) (3/21/45) (CR. 280)

DECLASSIFIED

DECLASSIFIED

Radio Research Board

- B131 The Impedance and Effective Height of the Screened Loop Aerial (Burgess) (6/1/42)
- B132 Relation Between Transmitting and Receiving Properties of Aerials
- B133 Dipole Antenna Sensitivities (Theory)
- B134 6 Meter Dipole with Reflector
- B135 Dipole Patterns (Theory and Experiment)

Royal Aircraft Establishment

- B136 L.R.A.S.V. in Fortress II A
- B137 Journal of Technical Development No. 8 Covering the Period 1 October 1944 to 1 February 1945 (3/1/45)
- B138 RAE Progress Report on Ground and Airborne Equipment (July, 1942)
- B139 Cm. Wavelength Field Strength Measuring Equipment
- B140 Effect of Antenna Mismatch on Mk III IFF Receiver (200 mc)
- B141 Suppression of Radiation Behind the Standard Beam Approach Antenna System (Sept. 27, 1943)
- B142 Performance of the Capacity Switch Used in the S. T. & C. Glide Path System (Cullen) (8/10/43) (Tech. Note 131) (Radio Dept.)
- B143 Design of Aerials for IFF Mk III (Oct. 18, 1943)
- B144 Horizontally Polarized "All-Round-Looking" Loop for HF (Dec. 10, 1943)
- B145 Probe Conductance for a Waveguide-Fed Array
- B146 Evaluation of Antenna Patterns at Finite Range (Bain) (7/44) (RAD-219)

DECLASSIFIED

- B147 Drag-Less VHF and IFF Aerials All Metal High Speed Filters
(Interim Report) (Tooley, Riant) (10/44) (RAD-248)
- B148 Development of Wide Band IFF Arrays (Howell) (11/44)
(RAD-254)
- B149 Theoretical Comparison of the Two and Three-Aerial
Sonar Systems
- B150 Radiating Slots as Dragless Aerials on Aircraft (Wilks)
(1/45) (RAD-256)
- B151 Flight Tests of IFF Mk III G Aerials for Mosquito
- B152 Characteristics of Some Slot Radiators in Rectangular
Waveguides (Cullen) (1/45) (RAD-200)
- B153 Design of a Waveguide Fed Array of Slots to Give a Specified
Polar Diagram (Cullen) (1/45) (RAD-267)
- B154 Characteristics of Yagi Aerials with Two Directors and One
Reflector (Stanier and Moore) (June, 1945)

Royal Canadian Air Force

- B155 Radio Range Aerial Installation (Ventura) (Addendum)

Signals Research and Development Establishment (Somerford)

- B156 Experimental Wide-Band Aerial for Reception Set A-308
(Quinnlivan, Astle-Fletcher) (11/43) (901)

Standard Telephone and Cables, Limited

- B157 Image Methods of Treatment of Reflectors, Horns, and
Waveguides (Willoughby) (9/1/42) (T.R. 9)
- B158 100-150 M.C. Omnidirectional Band Pass Aerial - P.A.I.
Theoretical (Willoughby) (6/4/43) (T.R. 17) (Radio Div.)
- B159 Aperiodic Dipole Aerial (McPherson) (12/14/44) (Radio Div.)

DECLASSIFIED

DECLASSIFIED

Telecommunications Research Establishment

- B160 Siting of Stations for Maximum Range (2/9/42) (M/36,
- B161 Aerial and Feeder System for 1942 GCI (4/16/42) (7/M31)
- B162 Differential Fading in ASU Homing Aerials and its Prevention (8/13/44)
- B163 Report on Wideband 20-30 Mc/s Prototype Two Tier Array (3/24/43) (2/R.193)
- B164 Report on Wideband 20-30 Mc/s Prototype Single Tier Array (3/26/43) (2/R.186)
- B165 A Wide Band Aerial Array for 43-50.5 Mc/s (12/14/42) (2/R.175)
- B166 The Power Gain of a Yagi Aerial with Infinitely Closely Spaced Uniformly Driven Elements (9/8/42) (Record XI/44)
- B167 Appendix IV (Groun) (4/29/45) (5/M.78)
- B168 Switch Unit Type 202 (3/11/43) (7/R.390/RMF)
- B169 Cabinets Principle and the Theory of Resonant Slots (12/29/41) (29, Math Group)
- B170 The Aerial Coupling Type 9 (5/30/43) (7/R/394 - T.1455)
- B171 Aerials for Wide-Band Homing (Russell) (5/6/45) (T.1850)
- B172 Provision of Homing Aerials on Aircraft (Russel) (4/5/45) (52/R/1 - T.1827)
- B173 TRF Cm Group
- B174 Aerial 10 Cm
- B175 Ya_gi Aerial Theory
- B176 Half-wave Dipole Theory
- B177 Cm Progress Dec. 1941
- B178 AISF Circuits and Spinners

DECLASSIFIED

DECLASSIFIED

UNCLASSIFIED

- B179 Wave Guide Feed and Parabola
- B180 Design of CH Transmitting Aerials (1/21/42) (2/137/G)
- B181 CH Receiving Aerial Design
- B182 Polar Diagrams of CH and MB Equipment (2/130/6)
- B183 Antenna Matching (RDF)
- B184 Common Aerial Systems (CHL)
- B185 Notes on Yagis
- B186 Polar Diagram of Vertical Aerial Above Dielectric Ground (1/27/42) (Group 3 M/33)
- B187 Aerial with Reflecting Screen (Theory)
- B188 2 Cm Antenna Pattern for Auto-Following (Barracuda)
- B189 ASV Yagis in Lancaster
- B190 Anti-Fading in ASV Yagi Aerials
- B191 Long Feeders on CHL Antennas
- B192 Scanner for "Swordfish" (3 Cm)
- B193 Antenna and Patterns in ALX in Fulmar
- B194 Vertical Polar Diagrams for Sta. 7000 (G)
- B195 Some Measurements on Wide Band Aerials (12/27/42) (33/R.114)
- B196 Wide Band Aerial Arrays for 20-30 Mc/s (12/21/42) (2/R.170)
- B197 Beam Aerial for IFF
- B198 Wide Band Aerial Array for 55-80 Mc/s (12/14/42) (2/R.174/CNH)
- B199 Transmitting Whip Aerials for Airborne G.H. Installation AR15525, Between 22 and 33 Mc/s. (3/30/43) (2/M.196/LVI)
- B200 AMES Type II Mark II¹, aerial and Feeder Assembly (3/25/43) (39/R.6)

DECLASSIFIED

DECLASSIFIED

- B201 Antenna System for Mobile GEE
- B202 AMES Type 20 Mk I (DMH Fixed) Aerial Head and Feeders (5/20/43)
(T.1429 - 7/R.392/RMF & ERW)
- B203 Antenna Coupling, Type 9 (IF-45 Mc)
- B204 Theory of an Ideal Gapless RDF Aerial (M/58 - T.1446)
- B205 H2S (Type 2) Scanner Modification
- B206 Slot Antenna as Affected by Spark Gaps
- B207 Reduction in Side Lobes from Feeding Broadside Arrays,
with Tapering Currents (6/18/40) (R04/2)
- B208 Mutual Impedance of Half-Wave Aerials (1/17/41)
- B209 Guiders and Trenches as End-Fire Aerials
- B210 Effects of Weather on Aerial Systems (1943)
- B211 The "L" Aerial (RDWW/LMF) (5/31/43) (33/M143)
- B212 A Direct Method for Controlling the Distribution of Phase
and Polarization across the Aperture of a Paraboloid or Horn
(11/24/43) (m/27)
- B213 Loading Unit for Matching Whip Aerials to Cable (55-80 Mc/s)
- B214 H2s Mk III Scanner Type 65 (X-band) (1944)
- B215 Aerial and Feeder Systems of ASD Type 13, 14, 21, 24
(Bacon) (1/28/44) (T.1627)
- B216 Polar Diagram Measurements for ASV Mk XI
- B217 Dielectric Transmission and Scanner Nacelle Design
(Birks) (1944)
- B218 Switch Unit Type 261 (Waveguide 10 cm)
- B219 Lucero B.A. Aerials (Vertically Polarized) Babs Mark II
(1944)
- B220 Some Experiments with Radiating Slots in Corner Reflectors
(Putnam, Macro) (9/8/44) (R.R220, T.1744)

DECLASSIFIED

- B221 The Switch Unit Type 271 (Fishenden)
- B222 The Theoretical Performance and Design of Certain Types of Linear Arrays (R.B.R. - S. Harvie) (10/24/44) (G10/R147 - T.1752)
- B223 Airborne GH Transmitting Aerials
- B224 Experiments on a Horizontally Polarized Babs Aerial System 170-180 Mc/s Using a Pair of Radiating Slots and Corner Reflector (Evans)
- B225 Low Angle Cosecan Pattern Obtained from Paraboloid and Prism
- B226 Production of Distorted Polar Diagrams by Slotted Linear Arrays (Goward) (1945)
- B227 Theoretical Design of a Reflector to Produce, from a Given Primary Source, an Arbitrary Polar Diagram in One Plane with Experimental Comparison
- B228 Aerial Polar Diagrams at 1000 Mc/s of Aircraft in Flight (Pinkerton) (1945)

Thomas Houston Research Laboratory

- B229 H. P. Aerial 10 Cm.
- B230 Antenna Design for GL Mark III
- B231 High Power Dipoles (10 cms.)
- B232 Rot. Rec. Aerial of Radar A.A. No. 3 Mk II
- B233 Polar Diagram Recorder for Cm Waves Meaning Gear and Technique (Tucker) (10/2/43) (L.248-5)
- B234 Wide Band Aerial and Detector Unit (Hibbard) (7/20/43) (L.238-5)
- B235 Aerial Aircraft - Type 343 (Martin) (L.267-5)
- B236 Maintenance of A.R.I. Scanners - Types 7, 8, 55, and 56
- B237 Radar A.A. No. 7 Mk II (Cupid) - Scanner
- B238 Scanners, A.R.I. Types 7,8,55,56 (W.8403 & W.9829) (Mann) (11/16/44) (L.295.S)
- B239 Factory Tests for RDF A.S. No. 3 Mark 4 - Aerials and Feeders

DECLASSIFIED

Author Index

- Adcock B65
- Albersheim All
- Alcock B97
- Alford 7.3, 7.4, 7.8, 7.33, 7.36
- Allen 7.23
- Alley 6.28
- Alred B24, B25, B28, B32
- Alvarez 6.37
- Ankenbrandt 1.3
- Andrews A67, A68
- Ashmead B8, B9
- Astle-Fletcher B156
- Austin 6.88, 6.146

- Bacon B215
- Bailey 6.124
- Bain B146
- Barker 6.117, 6.129
- Barkofsky 7.30
- Barnes 7.70
- Baum 3.24
- Beck A.0, A33, A.9, A56
- Bennett 1.10, 1.12, 1.14, 1.16, 1.17, 1.18
- Beraducci 7.25
- Berman 6.138
- Birchard 6.57
- Birks B217
- Black 3.18, 3.21
- Block 7.54
- Blue 6.60
- Block 7.7, 7.20, 7.41, 7.56
- Bohnert 6.23, 6.73, 6.74, 6.76, 6.94, 6.109
- Brady 6.147
- Braunlich 6.43, 8.6, 8.10, 8.11
(See Dickenson)
- Bray B108, B110, B114, B115
- Breen 6.24, 6.32
- Browder 8.12
- Bryan A36
- Buchwalter 6.42, 6.55
- Burress B59, B61, B64, B131
- Burrell B129
- Bjers B45

- Cady 6.108
- Carter A70, A72
- Certaine 6.139
- Chien B78
- Chisholm 6.91, 6.93, 6.95, 6.146
- Christensen 7.13, 7.16, 7.22, 7.26
- Chu 6.13, 6.14, 6.19, 6.48
- Clapp 6.45
- Clark 7.6, 7.25
- C. Clarke B65
- I. G. Clarke 7.8
- Coleman 1.1, 1.6, 1.9, 1.11, 1.14, 1.15, 1.16, 1.17
- Corcoran B130
- Couch 1.5
- Craig 1.9
- Cramie B129
- Cullen B142, B153, B154
- Cutler A2, A5, A9, A10, A19, A20, A27, A42, A49, A58

- Daly B27
- Daniell 7.2, 7.39, 7.40, 7.49, 7.50, 7.65, 7.68, 7.69, 7.71, 7.72
- Dexter 10.6
- Dickenson 6.100, 6.101, 6.102
(see Braunlich)
- Doersam B23
- Doherty A43
- Donavon B70
- Dorne 7.73
- Driscoll 7.5, 7.52, 7.55
- Dufeld B78
- Dunbar 6.40, 6.78, 6.95, 6.140, B44

- Eaton 6.127
- Eberhardt A27
- Ellis 7.18
- Erde 7.66
- Essen B60, B62
- Evans B224
- Ewen B108
- Eyles 6.116, 6.126, 6.128, 6.132

Fano 6.83
 Feldman A37, A40, A56
 Ferrill 8.3
 Fine 6.86, 6.146
 Fishenden B221
 Ford B68
 Foster, D. 7.15, 7.35, 7.38, 7.53
 Foster, J. S. 6.16, 6.17, 6.18
 Frye B109

 Gager 7.61, 7.62
 Gamble 8.9
 Gardner 6.02, 6.141
 Gilbert 6.97, 6.115
 Gill B22
 Gleason 2.6
 Gooden B54
 Gordy 6.145
 Gorn 1.13, 1.23
 Goward B226
 Gray A34
 Green 3.1
 Griffiths 6.38
 Groun B167

 Haake 3.9, 3.25, 3.39
 Hall B107
 Hamermesh 7.54
 Harbury 7.11, 7.34, 7.36, 7.37,
 7.51
 Hardt 1.4
 Harvey 6.26, 6.41, 6.42, 6.55
 Harvie B222
 Hatch 7.29
 Hatkin 3.26, 3.29, 3.33
 Hayes 6.30
 Hiatt 6.23, 6.32, 6.65
 Hibbard B234
 Hickin B69
 Hicks 1.4, 1.10
 Hildebrand 6.143
 Horton 7.31
 Hough B130
 Howell B148

 Jaffe 6.39
 Jarvis B112, B113
 Jenks 8.5
 Jones 6.112

 Kaeler 7.32
 Kaiser B51
 Kales 6.133, 6.134
 Kampinsky 3.6, 3.13, 3.30, 3.34
 Kanner B58
 Kauffel B23
 Keary 6.12, 6.28, 6.73, 6.74, 6.84
 6.94, B43
 Kinzer A35
 Kleason 1.24
 Klein 7.18
 Kock A28, A31, A48, A60, A61, A63
 Kraus 7.6, 7.10, 7.25
 Krutter 6.23, 6.76

 Lashof 6.46, 6.77
 Lavoie 1.3
 Lawrence 6.52
 Lawson B119
 Lazarus 7.12, 7.21, 7.28
 Le Gaine B97
 Lewis, R. F. 7.63
 Lewis, W. D. A6, A25, A26, A51
 A53, A55
 Lillicoup B108
 Lipstein 2.2
 Litchford 8.13
 Longacre 6.56
 Loomis 7.29
 Looser B112, B113
 Lord B119
 Loring 3.17, 3.27, 3.28

 Macfarlane B49
 Macro B220
 Maddaus 6.103, 6.104, 6.105, 6.106
 6.107
 Mann B236
 Margalin 7.17
 Marshall A47
 Martin B235
 Martinelli B45
 Mason 6.29, 6.70, 6.81, 6.136
 McCharles 10.1
 McLeish B103
 McPetrie B63, B66, B67
 McPherson B159
 McRae A3
 Meadows B110, B114, B115
 Megan B69
 Mehringer 6.108

DECLASSIFIED

Meier 1.8, 1.9, 1.11, 1.12, 1.14

1.18, 1.22

Merriman B114

Metzger 2.8

Mejers 6.68

Millett 6.142

Montgomery, C. G. 6.142

Montgomery, D. D. 6.142

Moore B154

Moore, L. E. 3.11

Moore, C. E. 6.66

Morgan, A. N. 7.6

Morgan, M. G. 10.6

Morris 2.7

Moullin B29, B30, B31, B72

Musser 1.21

Nabarro B121

Nelson 7.7, 7.9, 7.31, 7.64

Nesin 2.2

Noble 1.7

Nowak 6.35

Olivier B62

Pao 6.47, 6.69, 6.71, 6.135

Pearson 6.80

Perley 2.5

Peterson A38

Peterson, D. A. 7.58

Phillips 1.1, 1.6, 1.15

Pinkerton B228

Pippard B8, B129

Podell 2.1

Porterfield 6.48

Pote 6.51, 6.52

Pounder B78

Prain B114

Price B109

Purcell 6.15, 6.64

Putnam B220

Quinlivan B156

Reynolds B29, B30

Riant B147

Riblet 6.49, 6.53, 6.54, 6.57, 6.63

6.92, 6.97, 6.117, 6.129

Riehs 2.3

Riley B22

Ring A52

Risser 6.72, 6.128

Robb 1.2

Robinson 6.22, 6.25, 6.27, 6.31,
6.80

Ross B77

Rowland 6.110, 6.111

Ruze 3.10, 3.14, 3.16, 3.19, 3.20

3.22, 3.36, 3.37, 3.38

Russell B171, B172

Ryan B57

Sather 7.67

Saxton B63, B66, B67, B68

Schwartz 6.146

Scott B7

Shaddick B107, B110, B115

Shepherd 8.7

Sherman 6.130, 6.131

Shock 8.8

Sichak 6.34, 6.64, 6.85, 6.108

Silleman 7.1, 7.68

Silver 6.44, 6.47, 6.82, 6.98

Simmonds B112, B113

Singleton 7.42, 7.43, 7.44, 7.45,

7.46, 7.47, 7.48

Slocum 7.69

Smith A64

Smith, W. D. 6.122, 6.123

Smith-Rose B73

Spencer 6.33, 6.36, 6.75, 6.87, 6.88

6.146, 6.148

Stanesby B109

Stanier B154

Stanley 6.99

Stavis 7.24, 7.27

Steenland 6.128

Steinburger 6.56, 6.89, 6.90, 6.91

6.128

Stergiopoulos 6.125

Stewart B49

Stewart, C. 1.2

Strachan B50

Stratton 6.14

Swarts 6.137

Sydoriak 6.21

Symonds A57

Synge B82, B83

Taggart 6.80, 6.86, 6.113, 6.114

Tawney 8.1, 8.2, 8.6

Thickens 6.67

Thompson B69

DECLASSIFIED

Tooley B147
 Torretti 2.4, 2.5
 Tucker B233
 Tison 6.58, 6.59, 6.60, 6.61

 Van Atta, 6.11, 6.20, 6.21, 6.31,
 6.41
 Van Valkenburg 6.78
 Ventura B155
 Vidro 7.58, 7.59
 Vogel 6.93

 Wadly 7.57
 Warnock 1.10, 1.21, 1.22
 Webb 1.20
 Webster B50
 West 6.118, 6.119, 6.120, 6.121
 Wexler 3.35
 Wheaton 6.149
 Whelpton 6.144
 White, C. 3.32
 White, G. E. 8.4
 White, M. J. 7.49
 Whitley 7.60
 Wiens 10.2, 10.3, 10.4, 10.5
 Wilhoit 7.31
 Wilks B150
 Willoughby B157, B158
 Wittkopf 7.14, 7.19
 Wong 1.19
 Woodyard 3.2, 3.3, 3.4, 3.5, 3.7,
 3.8, 3.12, 3.15, 3.23,
 3.25, 3.31, 3.39
 Worthington 6.142

 Yevick 6.79
 Young 0.96
 Younker 0.142