

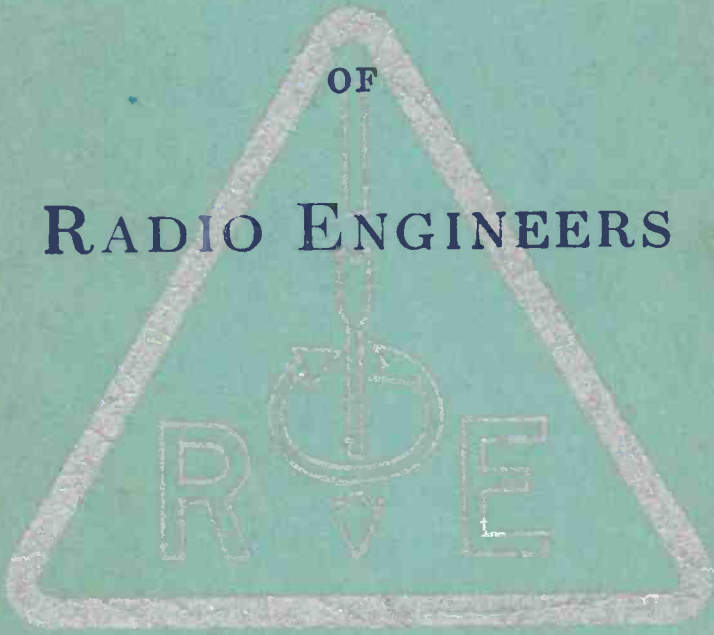
YEAR BOOK

OF THE

INSTITUTE

OF

RADIO ENGINEERS



1937

PROCEEDINGS OF THE INSTITUTE OF RADIO ENGINEERS
VOLUME 25 MARCH, 1937 NUMBER 3, PART 2

YEAR BOOK
OF THE
INSTITUTE
OF
RADIO ENGINEERS



1937

THE INSTITUTE OF RADIO ENGINEERS, INC.
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NEW YORK CITY
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PROCEEDINGS OF THE INSTITUTE OF RADIO ENGINEERS
VOLUME 25 MARCH, 1937 NUMBER 3, PART 2

1937 MEMBERSHIP LIST

The membership list contained in this year book has been prepared for the personal information and convenience of the Institute members.

Experience with past issues of this directory indicates that its use for non-Institute business is annoying. All members are urged to discourage its use for general circularization purposes.

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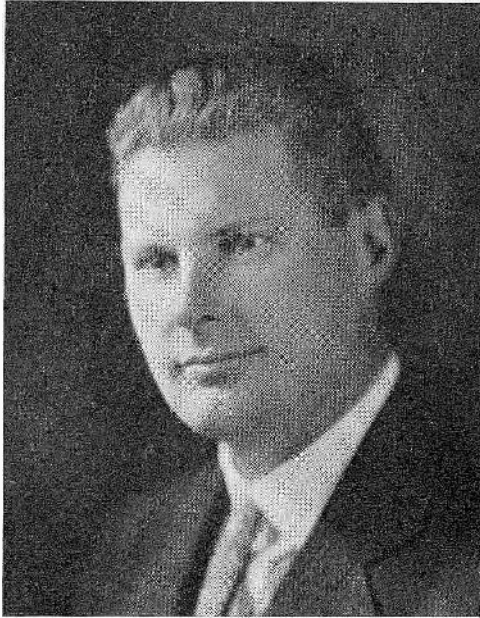
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330 West 42nd Street, New York, N. Y.





H. H. BEVERAGE
President, 1937

YEAR BOOK

of the

Institute of Radio Engineers

1937

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1913-1936

Name	Pres.	Vice Pres.	Sec'y.	Assist. Sec'y.	Treas.	Editor	Assoc. Editor	Member, Board of Directors
Alexanderson, E. F. W.	1921	1920						1917-18; 1920-23
Appleton, E. V.		1932						1932
Armstrong, E. H.								1916-19; 1921; 1936
*Austin, L. W.	1914							1914-17
Ballantine, Stuart	1935							1935-36
Barkhausen, Heinrich		1935						1935
Batcheller, Arthur								1928-32; 1934-36
Batsel, M. C.								1933
Bennett, E. M.								1923-25
Beverage, H. H.								1936
Bown, Ralph	1927	1926						1926-29
Bullard, W. H. G.								1916-1921
Cady, W. G.	1932					1929		1928-29; 1932-34
Caldwell, O. H.								1932-35
Chaffee, E. L.		1922						1922
Clark, G. H.							1914	
Clayton, J. M.			1928-29	1927-28				1928-29
Colpitts, E. H.								1921-23
Conrad, Frank		1927						1927
Cutting, R. Fulton	1922	1921						1921-24
Davis, G. S.								1915; 1917-19
de Forest, Lee	1930							1930-32
Dellinger, J. H.	1925	1924						1924-31
Dudley, B.				1930-31				
Eastham, Melville					1927-36			1922-36
Edwards, C. P.		1931						1931
Espenschied, Lloyd								1912-13; 1915-26; 1931
Fuller, L. F.								1928
Goldsmith, A. N.	1928		1918-27			1913-28		1912-36
Graham, V. M.						1930-36		
*Grebe, A. H.								1935-36
Hammond, J. H., Jr.								1924-26; 1928
Hazeltine, Alan	1936				1914			1912; 1914
Heising, R. A.								1923-27; 1936
Hill, Guy								1927-30; 1933-35
Hogan, J. V. L.	1920	1916-19						1914-16; 1918-20
Horle, L. C. F.								1912-36
Horn, C. W.								1934-36
Houck, H. W.								1933-34
*Hubley, Warren					1915-16			1931-32
Hull, L. M.	1933				1918-27			1915-16; 1918-27
Jansky, C. M., Jr.	1934							1929-35
Jolliffe, C. B.								1929-36
Kennelly, A. E.	1916							1936
Kolster, F. A.								1916-18
Krumm, L. R.					1917			1933-35
Langmuir, Irving	1923							1917; 1921
Langley, R. H.				1914				1923-25
Lee, A. G.		1930						1923-25
Lewis, G. H.								1930
Manson, R. H.	1931							1918-19; 1926; 1935
Marriott, R. H.	1912	1913						1927-33
McNicol, Donald	1926	1925						1912-16; 1920-22; 1926-32
Meissner, Alexander		1929						1919-28
Metcalfe, G. R.								1929
*Morecroft, J. H.	1924	1923					1926-27	1922-26
Murray, A. F.								1936

* Deceased.

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Nelson, E. L.								1932-36
Nichols, H. W.								1924-25
Pickard, G. W.	1913							1912-15
Pierce, G. W.	1918-19	1915						1915-21
Porter, C. J.				1928				
Poulsen, Valdemar		1936						1936
Pratt, Haraden								1935-36
*Pupin, M. I.	1917							1917-19
Reoch, A. E.								1925-27
Sarnoff, David			1915-17					1915-20
Shute, E. R.			1913-14					1933-34
Simon, E. J.								1912-15
*Squier, G. O.								1918-22
Stone, J. S.	1915	1914						1912; 1914-19
Taylor, A. H.	1929							1929-31
†Trapnell, T. T.					1914			
Turner, H. M.								1933-36
van der Pol, Balth.		1934						1934
Van Dyck, A. F.								1930-35
Weagant, R. A.								1912; 1914-17
Westman, H. P.			1930-36	1929				1930-36
Wheeler, H. A.								1934
Whittemore, L. E.		1928						1926-29; 1935-36
Wilson, William								1932-36
Zenneck, Jonathan		1933						1933

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† Assist. Treas.

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1937

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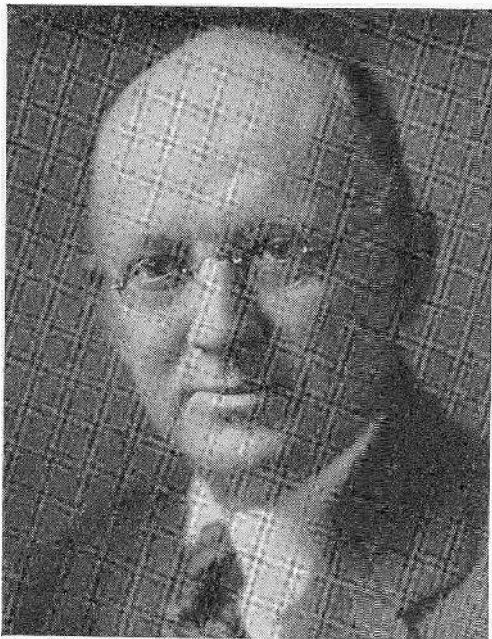
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Standards Council.....	ALFRED N. GOLDSMITH AND H. P. WESTMAN (alternate)



R. H. MARRIOT
Member, 1912
Fellow, 1915
President, 1912



G. W. PICKARD
Member, 1912
Fellow, 1915
Medal of Honor, 1926
President, 1913

GENERAL INFORMATION

History

On May 13, 1912, the Institute of Radio Engineers was formed through the merging of two organizations active in the technical radio field. One of these was the Wireless Institute, the headquarters of which were in New York City and the other which was located in Boston was known as the Society of Wireless Telegraph Engineers. The former organization had a membership of fourteen at the start of 1909 and twenty-seven on January 1, 1912. The Society of Wireless Telegraph Engineers had eleven members on the first day of 1907 and forty-three on January 1, 1912. At the time of its foundation, the Institute of Radio Engineers had fewer than fifty members.

Prominent in the early work of the Society of Wireless Telegraph Engineers were John Stone Stone, Lee de Forest, and Fritz Lowenstein. Those identified with the initial work of the Wireless Institute included John S. Murphy, R. A. Somerville, Joseph D. Fountain, R. B. Respress, R. A. Cleva, John Gregg, E. Barnwell, Philip Farnsworth, Sidney L. Williams, R. H. Marriott, G. W. Pickard, Harry Shoemaker, and Eugene Thurston. The consolidation of these two societies and the initial work of organizing the Institute of Radio Engineers were done by Alfred N. Goldsmith, J. V. L. Hogan, and R. H. Marriott.

General

The Institute of Radio Engineers functions solely to advance the art and science of radio communication. It includes among its members those who have played prominent parts in the development of radio in the United States as well as many noted radio engineers and scientists in other countries.

Membership in the Institute is strictly personal and several grades have been established. The requirements for admission to these grades is contained in the Institute's Constitution and the eligibility of the applicant is passed on by the Board of Directors. In many cases, the Admissions Committee recommends a course of action to the Board of Directors.

Services

An important service which the Institute renders its membership is the publication of papers. In addition, many papers are presented at meetings where informal discussions may be effective in increasing the knowledge of those present. Standardization reports provide a mechanism for establishing recognized meanings of technical terms and methods of testing and rating equipment. By the awarding of honors and prizes, the publication of papers describing important developments is encouraged.



L. W. AUSTIN
Associate, 1913
Member, 1913
Fellow, 1915
Medal of Honor, 1927
President, 1914
Deceased, 1932



JOHN STONE STONE
Member, 1913
Fellow, 1915
Medal of Honor, 1923
President, 1915

Publications

The PROCEEDINGS of the Institute of Radio Engineers is the name of the official publication. In it are published all of the papers, discussions, and communications which have been submitted for publication and approved by our Papers Committee and Board of Editors. The first issue was published in 1913 and the first three volumes were comprised of four issues each. Volume 4 through Volume 14 contain six numbers each and all the succeeding volumes are composed of twelve issues each. Over 1500 papers are contained in the twenty-four volumes which were published up to the end of 1936. Of these approximately one third were published during the last five years. The PROCEEDINGS is mailed without additional charge to all Institute members. The subscription price to nonmembers is \$10.00 per year.

Standardization reports have been issued since 1913. The early reports were confined to the definition of technical terms and presentation of standard graphical symbols. The more recent reports have gone considerably beyond this scope and include methods of testing and rating both equipment and antennas. Letter symbols for mathematical and other notation are also included. The last report issued is dated 1933 and includes all standards up to that time.

Year Books have been issued at irregular intervals. The first was published in 1914, and the second in 1916. The next seven were published annually between 1926 and 1932. This 1937 issue is the tenth to be published by the Institute.

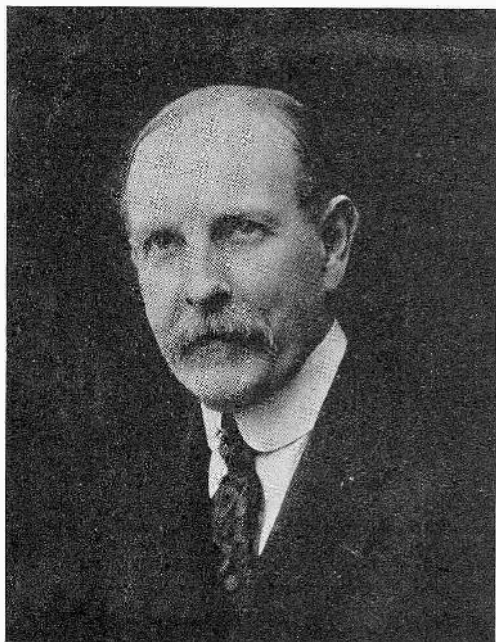
Awards

Each year the Institute recognizes outstanding achievements in the radio communication field by the bestowal of two awards: one recognizes, in general, an extensive service over a period of years while the other is usually conferred for a more recent contribution.

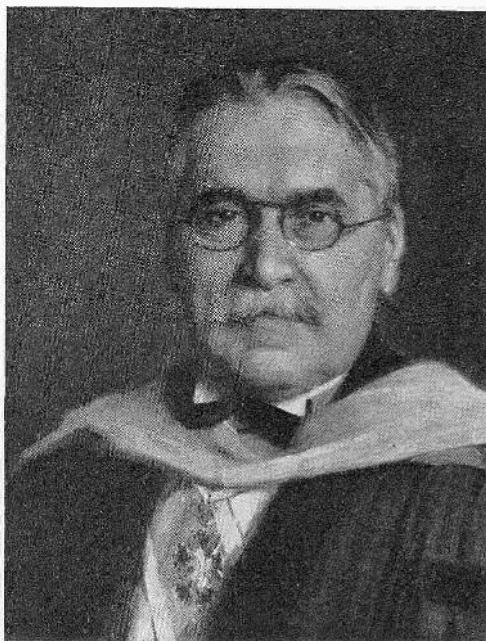
MEDAL OF HONOR

The Institute Medal of Honor is given in recognition of distinguished service in radio communication. It is awarded to one who has been responsible for an important advance in the science or art of radio communication. This advancement may be a single development or it may be a series of developments which in the aggregate have resulted in substantial improvements in radio communication.

The achievement may be a patented or unpatented invention. It may also be a theoretical analysis of a hitherto unexplained phenomenon of distinct importance to the radio art, though the application thereof need not be immediate. Preference will be given analyses which are directly applicable to the art.



A. E. KENNELLY
Associate, 1912
Member, 1913
Fellow, 1928
Medal of Honor, 1932
President, 1916



M. I. PUPIN
Fellow, 1915
Medal of Honor, 1924
President, 1917
Deceased, 1935

Further, the advance may be a new system of traffic regulation or control, a new system of administration of a radio company or the radio communication service for military, transportation, or other organizations; a legislative program beneficial to the radio art or any portion of the operating or regulating features of the art.

The achievement for which this award is granted must preferably be completely and adequately described in a scientific or engineering publication of recognized standing and should have actually been applied to radio communication problems. A development may be of recent origin or otherwise and a series of developments may extend over a long period of years. Preference will be given to widely used and generally useful inventions.

The recipient of this award shall be named by the Board of Directors which will normally receive recommendations from the Awards Committee.

MORRIS LIEBMAN MEMORIAL PRIZE

The Morris Liebmann Memorial Prize, to perpetuate the memory of the late Colonel Morris N. Liebmann, is made possible through the generosity of E. J. Simon, a Fellow of the Institute. The award consists of the income from a gift of \$10,000, and is not a stated amount as it is the interest from the securities in which the principle is invested.

The recipient shall be a member of the Institute who shall have made public during the recent past an important contribution to radio communication. The contribution shall be completely and adequately described in a scientific or engineering publication of recognized standing.

How remote this publication may be is left to the judgment of the committee and will depend upon the rapidity with which the advancement is applied in practice, such application indicating its importance. Where several contributions are being considered, that which is widely used or is generally useful shall be given preference.

The recipient of this award is named by the Awards Committee, appointed annually by the Board of Directors.

RECIPIENTS OF MEDAL OF HONOR

E. H. Armstrong	1917	Jonathan Zenneck	1928
E. F. W. Alexanderson	1919	G. W. Pierce	1929
G. Marconi	1920	P. O. Pedersen	1930
R. A. Fessenden	1921	G. A. Ferrié	1931
Lee de Forest	1922	A. E. Kennelly	1932
John Stone Stone	1923	J. A. Fleming	1933
M. I. Pupin	1924	S. C. Hooper	1934
G. W. Pickard	1926	Balth. van der Pol	1935
L. W. Austin	1927	G. A. Campbell	1936

G. W. PIERCE

Member, 1913

Fellow, 1915

Medal of Honor, 1929

President, 1918-1919



JOHN V. L. HOGAN

Member, 1912

Fellow, 1915

President, 1920

RECIPIENTS OF MORRIS LIEBMAN MEMORIAL PRIZE

L. F. Fuller	1919	W. G. Cady	1928
R. A. Weagant	1920	E. V. Appleton	1929
R. A. Heising	1921	A. W. Hull	1930
C. S. Franklin	1922	Stuart Ballantine	1931
H. H. Beverage	1923	Edmond Bruce	1932
J. R. Carson	1924	Heinrich Barkhausen	1933
Frank Conrad	1925	V. K. Zworykin	1934
Ralph Bown	1926	F. B. Llewellyn	1935
A. H. Taylor	1927	B. J. Thompson	1936

Membership

The Constitution of the Institute provides for several grades of membership, each of which has been established to meet the requirements of a particular group of members. The tabulation on page 25, gives for each membership grade the requirements as to age, experience, and references, together with entrance and transfer fees, and dues. Full details are contained in the first few articles of the Constitution which is published elsewhere in this Year Book.

Membership in the Institute includes a number of valuable features which are of inestimable importance to those active in the technical radio field and those connected with closely related lines of activity. Regardless of grade, each member receives the PROCEEDINGS regularly and copies of all Year Books and Standards reports when they are published. Notices of meetings at which papers are presented are forwarded to all members located in the territory which is immediately adjacent to the city in which the meeting is held. Convention and regional meetings are announced in the PROCEEDINGS. Additionally, membership enrolls one with those others who have indicated their interest in this field and whose activities therein are predominantly responsible for the progress which each year witnesses.

The grade of Fellow is reserved for those whose contributions to radio have raised them to a place of distinction among their fellow workers. To the Fellow is reserved the honor of serving as president or vice president of the Institute.

The Member grade is the professional grade and is open to recognized engineers and comparably qualified individuals who have served sufficiently long in their field to establish their standing.

The Associate and Junior grades are provided for those with a general interest in the field or whose technical qualifications are not such as to permit their acceptance as Members. The only difference between these two grades is that of age. Juniors have not reached their majority and are not eligible to vote.

E. F. W. ALEXANDERSON

Associate, 1913
Member, 1913
Fellow, 1915
Medal of Honor, 1919
President, 1921



Harris and Ewing



FULTON CUTTING

Member, 1915
Fellow, 1921
President, 1922

The Student grade of membership permits those doing undergraduate work in our engineering colleges to become affiliated with the Institute and receive its publications at a very low annual cost. Membership in this grade is sharply restricted both as to type of study, the amount of time devoted to it, and the period of years of enrollment in that grade.

Before applying for membership, the applicant should consider carefully the various grades of membership available and choose that one which best fits his qualifications. Extracts of the Institute Constitution pertaining to membership requirements for admissions, are given on application forms which may be obtained from the Institute.

When filling in the application form, the applicant should submit the names of those persons who have knowledge of his professional experience, in preference to those who have a high professional standing but cannot vouch for him. The personal signatures of references are not required.

Identification of Membership Grade



Two general means of identifying an Institute member and indicating his grade of membership are through the use of a membership badge and a group of abbreviations following his written name.

All Institute badges are of the design shown in the accompanying illustration. Badges are available in three forms; a screw back lapel button, a lapel pin, and a watch charm. The lapel button is approximately half the size of the illustration and may be purchased from the Institute office at \$2.75 each. The lapel pin is of approximately the same size as the illustration and is priced at \$3.00. The watch charm, finished on both sides, is provided with a ring to permit its suspension from a watch fob or chain and is also of the same size as illustrated. It is supplied at \$5.00. All badges are of 14 carat gold. The grade is indicated by the color of the background, the lettering being in gold. The only exception is in the Fellow grade in which the lettering is in blue. The following tabulation gives the color of the background for the emblem of that grade and also the abbreviations to be used for written communications:

Grade	Emblem	Abbreviation
Fellow	Gold	Fel. I.R.E.
Member	Blue	Mem. I.R.E.
Associate	Maroon	Assoc. I.R.E.
Junior	White	Jr. I.R.E.
Student	Green	Std. I.R.E.

All other methods of indicating membership are contrary to the expressed opinion of the governing body of the Institute. The use of



IRVING LANGMUIR
Associate, 1914
Fellow, 1922
President, 1923



J. H. MORECROFT
Associate, 1913
Fellow, 1922
President, 1924
Deceased, 1934

the Institute emblem on personal or business stationery, cards, etc. is likewise not approved by the Board of Directors and members are requested to call such use to the attention of the secretary as is directed in the By-Laws of the Institute Constitution.

MEMBERSHIP REQUIREMENTS, DUES, ETC.

(For full particulars, see Constitution and By-Laws.)

Grade	Min. Age	Experience	References Required	En- trance Fee	Transfer Fee to Next Grade	Annual Dues
FELLOW	32	a. Radio engineer by profession, with distinction.	5 Fellows*	\$10	—	\$15
	32	b. Professor of science-engineering, radio distinction.				
	32	c. Original worker of notable service to radio.				
	32	d. Notable inventor of or contributor to radio.				
MEMBER	25	a. Radio engineer, 4 years, important radio work.	5 Fellows or Members*	5	\$5	10
	25	b. Teacher of radio science, 4 years, recognized school.				
	25	c. Allied arts, 4 years, qualified in radio engineering.				
	28	d. Allied arts, 7 years, important engineering work.				
ASSOCIATE	21	Interested in or connected with the study or application of radio science or the radio arts.	3 members or responsible nonmembers	3	2	6
JUNIOR	16	Interested in the study or application of radio science or the radio arts. (Eligibility for this grade ceases upon attainment of 21st birthday.)	3 members or responsible nonmembers	1	2	4
STUDENT	—	Full-time student in university or technical school of recognized standing, pursuing regular engineering course leading to a degree.	Member of faculty of school	—	3†	3

* Where the applicant is so located as not to be known personally to more than three sponsors of the designated grade, two names of responsible nonmember sponsors may be included to complete the application.

† This assumes transfer to Associate grade; \$1.00 if transfer is to Junior.

Membership Certificates

Membership cards are issued to those requesting them of the secretary. Similarly, diplomas are prepared and forwarded to Members and Fellows who desire them.

Meetings

Between eight and ten Institute meetings are held in the Engineering Societies Building, 33 West 39th Street, New York City, each year. Usually, no meetings are held during the summer months. Meetings are devoted to the presentation of technical papers and their discussion. Normally, the meetings are held on the first Wednesday of each month.

Sections

Where a sufficient number of Institute members are located in a relatively small territory, a section of the Institute may be established.

JOHN HOWARD DELLINGER
Fellow, 1923
President, 1925



Harris and Ewing



DONALD McNICOL
Associate, 1914
Member, 1914
Fellow, 1924
President, 1926

Twenty such sections are now in active operation in the United States and Canada. The following list gives the name of each section, the name of the chairman and the name and address of the secretary-treasurer.

- ATLANTA—Chairman, N. B. Fowler; Secretary, G. S. Turner, Federal Communications Commission, 411 Federal Annex, Atlanta, Ga.
- BOSTON—Chairman, E. L. Bowles; Secretary, Roland G. Porter, Northeastern University, Boston, Mass.
- BUFFALO-NIAGARA—Chairman, George C. Crom; Secretary, E. C. Waud, 235 Huntington Ave., Buffalo, N. Y.
- CHICAGO—Chairman, J. K. Johnson; Secretary, V. J. Andrew, 7221 San Francisco Ave., Chicago, Ill.
- CINCINNATI—Chairman, G. F. Platts; Secretary, A. P. Richards, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio.
- CLEVELAND—Chairman, R. A. Fox; Secretary, R. L. Kline, 132 Normal Ave., Kent, Ohio.
- CONNECTICUT VALLEY—Chairman, F. H. Scheer; Secretary, R. H. Freck, 39 Eldridge St., Springfield, Mass.
- DETROIT—Chairman, R. L. Davis; Secretary, H. S. Gould, 214 Tuxedo Ave., Detroit, Mich.
- EMPORIUM—Chairman, M. I. Kahl; Secretary, R. N. Palmer, Hygrade Sylvania Corporation, Emporium, Pa.
- INDIANAPOLIS—Temporary Secretary-Treasurer, I. M. Slater, P. R. Mallory and Company, 3029 E. Washington St., Indianapolis, Ind.
- LOS ANGELES—Chairman, Douglas Kennedy; Secretary, F. G. Albin, United Artists Studios, 1041 N. Formosa Ave., Los Angeles, Calif.
- MONTREAL—Chairman, A. M. Patience; Secretary, W. R. Wilson, Canadian Marconi Company, Mount Royal, Que., Canada.
- NEW ORLEANS—Chairman, L. J. N. Du Treil; Secretary, G. H. Peirce, Electrical Research Products, Inc., 1631 Canal Bank Bldg., New Orleans, La.
- PHILADELPHIA—Chairman, Irving Wolf; Secretary, R. L. Snyder, 103 Franklin Rd., Glassboro, N. J.
- PITTSBURGH—Chairman, Branko Lazich; Secretary, W. P. Place, Curtis St., R.D. 1, Wilkensburg, Pa.
- ROCHESTER—Chairman, L. A. Du Bridge; Secretary, H. A. Brown, 89 East Ave., Rochester, N. Y.
- SAN FRANCISCO—Chairman, V. J. Freiermuth; Secretary, C. J. Penther, 1000 Aileen St., Oakland, Calif.
- SEATTLE—Chairman, J. W. Wallace; Secretary, R. O. Bach, Pacific Telephone and Telegraph Company, 820 Fairview Ave., N., Seattle, Wash.
- TORONTO—Chairman, B. de F. Bayly; Secretary, H. P. Knap, Stromberg-Carlson Tel. Mfg. Company, 211 Geary St., Toronto, Ont., Canada.
- WASHINGTON—Chairman, W. B. Burgess; Secretary, E. H. Rietzke, 3308 14th Ave., N. W., Washington, D. C.

Organizing a Section

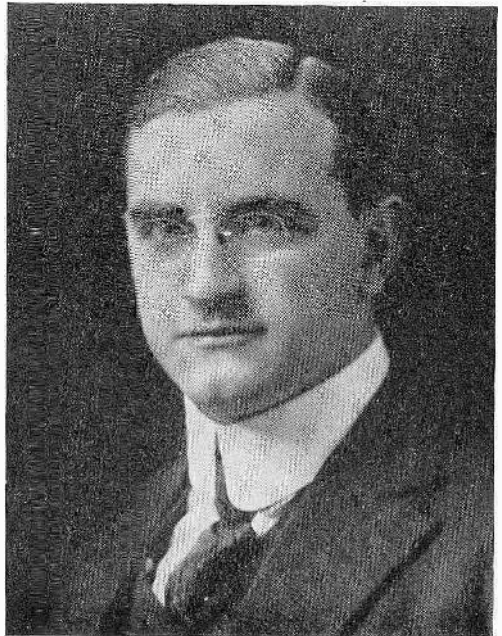
In organizing a new section of the Institute, some difficulties may be avoided and the efforts of the organizers made more effective by observing the suggestions which follow:

(a) The Constitution for Sections which appears elsewhere in this book should be read carefully as should Article IX of the Institute Constitution and Sections 26-35 and Section 50 of the By-Laws of the Institute Constitution. Practically all necessary information as to the requirements and privileges of sections is contained in the pertinent portions of these documents listed above which comprise about six pages of reading material.

(b) A small group of local members who are interested in the forma-



RALPH BOWN
Member, 1922
Fellow, 1925
Morris Liebmann Memorial prize, 1926
President, 1927



ALFRED N. GOLDSMITH
Member, 1912
Fellow, 1915
President, 1928

Underwood and Underwood

tion of a section should act as a temporary organization committee. There may be obtained from Institute headquarters a list of all members of the Institute residing in the probable territory which would be assigned to the section. This will permit the committee to canvass existing members and obtain opinions as to the probable support they will give the proposed section, also, it will disclose the lack of membership on the part of acquaintances whose interests might logically indicate the desirability of their becoming affiliated with the Institute. Membership applications may be distributed to this latter group.

(c) Although no minimum number of members is prescribed in the Constitution and By-Laws, at least twenty-five Fellows, Members, and Associates residing in the proposed territory must sign a petition for the formation of a section. The Board of Directors would normally not look with favor on the establishment of a section if in the proposed territory there did not reside at least fifty members of the Institute and preferably seventy-five. At least five of these should be of the Member or Fellow grade. Such a membership is an excellent indication that there will be a sufficient number to guarantee satisfactory attendance at meetings and that there will not be a lack of advanced engineers to assume the responsibility of guiding the operation of the section.

(d) An organization meeting of the Institute members in the proposed section territory should be called. The notification of the meeting should contain a statement of its purpose and the fact that signatures of active members will be requested on a petition for the establishment of a section. In order to stimulate attendance at this meeting, it is essential that a technical paper be presented as it is exceedingly difficult to obtain a satisfactory turnout of people for a purely business meeting. A petition may read as follows:

Board of Directors,
Institute of Radio Engineers,
330 West 42nd Street,
New York, N. Y.

Gentlemen:

We, the undersigned Fellows, Members, and Associates, of the Institute of Radio Engineers residing within the city of and its environs, respectfully petition for the establishment of a new section to be known as The Section of the Institute of Radio Engineers which is to be operated in conformance with the governing documents and rules of the Institute.

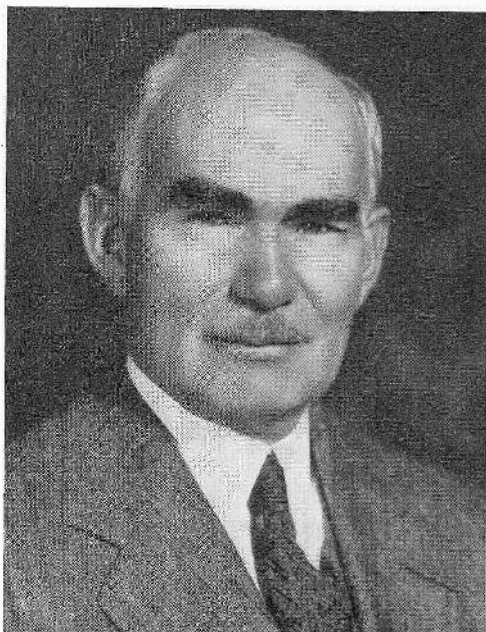
Unless the names on the petition are checked against membership lists supplied from Institute headquarters it is desirable that thirty or thirty-five names be obtained before the petition is forwarded to headquarters. In many cases, signatures of nonmembers are included in these petitions. The petition and a report of the activities of the meeting should be forwarded to the Institute office.

(e) A petition for a section will be considered by the Sections Committee and then passed to the Board of Directors with the recommenda-



A. HOYT TAYLOR

Associate, 1916
Fellow, 1920
Morris Liebmann Memorial prize, 1927
President, 1929



LEE DE FOREST

Member, 1914
Fellow, 1918
Medal of Honor, 1922
President, 1930

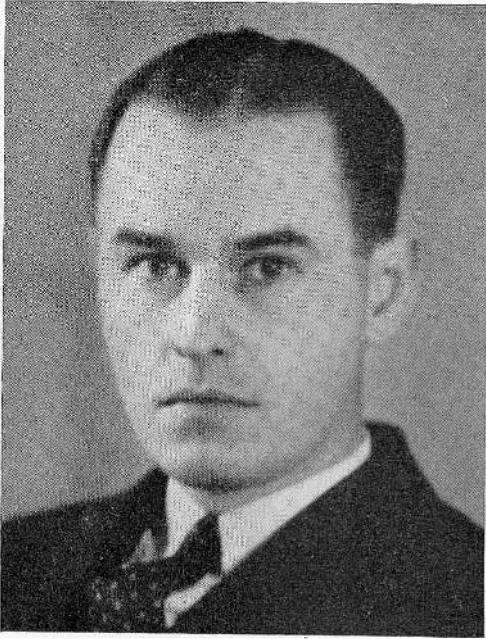
Joseph Capitaine

tions of that committee. If possible, the petition should be submitted a few weeks before the convention so that it may be acted on by the committee at its annual meeting which is attended by representatives of the sections. Information on the date of the convention may be obtained from the secretary if it has not been announced.

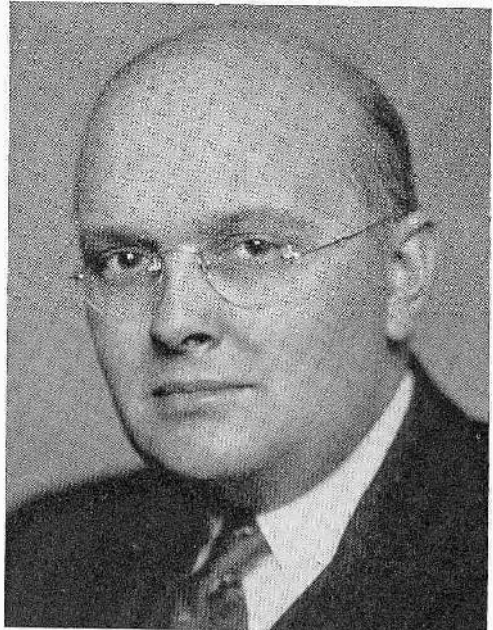
(f) On approval of the Board of Directors, the first official meeting of the section should be called. Permanent officers should be elected and standing committees appointed.

(g) At least one By-Law to the Section Constitution should be established. This fixes the date of the annual meeting of the section at which new officers are elected.

(h) As a portion of the section income is computed on the basis of the number of meetings held, it is essential that the secretary forward a report of each meeting to Institute headquarters. No funds will be forwarded to sections which are delinquent in submitting financial statements at the end of each calendar year.



L. M. HULL
Junior, 1917
Associate, 1919
Member, 1927
Fellow, 1928
President, 1933



C. M. JANSKY, JR.
Associate, 1918
Member, 1925
Fellow, 1928
President, 1934

Harris and Ewing



STUART BALLANTINE
Associate, 1916
Fellow, 1928
Morris Liebmann Memorial prize, 1931
President, 1935



ALAN HAZELTINE
Associate, 1916
Member, 1918
Fellow, 1921
President, 1936

tions for transfer to Fellow of the ten which were submitted to it. There were thirty-two applications for admission to Member grade and half of these were approved. Of forty-two requests for transfer to Member, thirty-six were approved. The number of applications for these higher grade memberships has increased substantially over those received annually during the past few years.

A tabulation showing the distribution of members throughout the various grades of membership will be found at the end of the catalog of membership which is the dominant portion of this Year Book.

There were 871 applications for new memberships received during 1936 as compared with 664 for 1935.

PROCEEDINGS

Volume 24 of the PROCEEDINGS contained 1627 pages of editorial material and is slightly larger than its predecessor. Fig. 2 is a graph

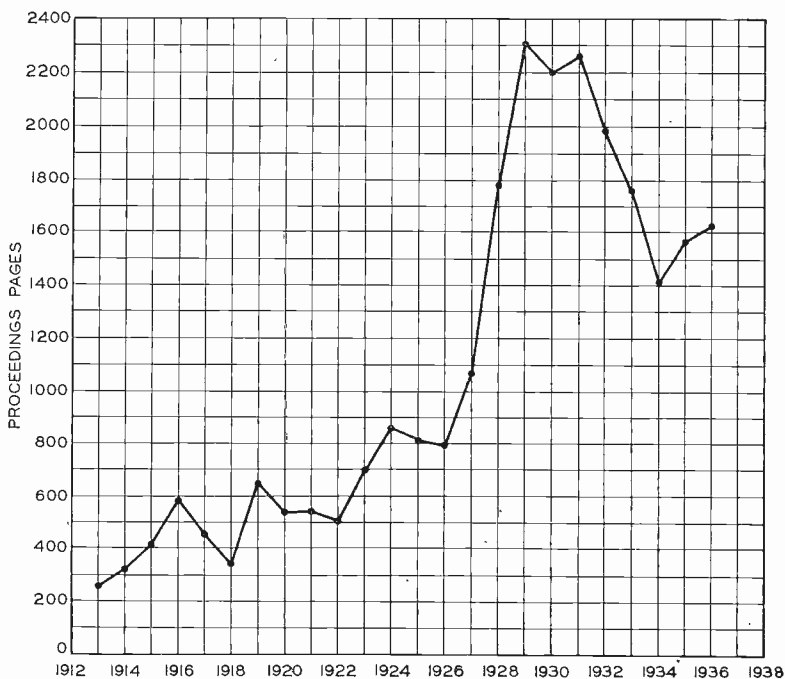


FIG. 2

showing the number of pages appearing in the PROCEEDINGS over the period of its publication. About 30 per cent fewer pages were published in 1936 than during the peak year of 1929. At the start of 1936 a large quantity of material was awaiting publication and insufficient funds were available for its immediate use. The last issue of 1936 contained all of the material which had been approved and was available for publication at the time.

The Papers Committee and Board of Editors have complete responsibility for the technical material published. During the year, the Papers Committee reviewed eighty manuscripts and the Board of Editors examined one hundred. Seventy-eight papers were accepted for publication, seventeen were rejected, and twelve were returned to authors for revision. In addition, there were twenty book reviews prepared and published.

SECTIONS

At the annual meeting of the Sections Committee which was held in Cleveland, Ohio, two applications for the establishment of new sections were approved and submitted to the Board of Directors. These sections were established by action of the Board of Directors at its meeting on December 2. One of the sections has headquarters at Indianapolis, Indiana, and the other at Montreal, Quebec.

Some data on the membership and meetings of sections are given in the following tabulation.

	<i>Membership December 31, 1934</i>	<i>Meetings Held</i>		<i>Average Attendance 1936</i>	<i>Per cent of Av- erage Attend- ance to Total Membership</i>	
	<i>1936</i>	<i>1934</i>	<i>1935</i>	<i>1936</i>		
Atlanta.....	24	6	9	10	18	75
Boston.....	205	6	8	5	74	36
Buffalo-Niagara.....	44	9	9	7	49	111
Chicago.....	223	6	8	10	114	51
Cincinnati.....	105	9	9	9	86	83
Cleveland.....	85	7	9	8	51	60
Connecticut Valley.....	101	9	7	8	40	40
Detroit.....	96	10	10	10	88	93
Emporium.....	83	—	1	14	63	76
Indianapolis*.....	43	—	—	—	—	—
Los Angeles.....	188	10	11	11	53	29
Montreal*.....	53	—	—	—	—	—
New Orleans.....	21	3	—	1	20	95
Philadelphia.....	376	8	9	9	261	70
Pittsburgh.....	51	8	9	8	29	57
Rochester†.....	44	9	12	10	—	—
San Francisco.....	169	9	10	14	51	31
Seattle.....	40	10	9	8	53	132
Toronto.....	86	8	8	8	76	91
Washington.....	200	10	10	11	66	34
Totals.....	2237	137	148	161	1192	58‡

* Established December, 1936.

† Six meetings credited for 1936 Fall Meeting. All meetings held jointly with other societies.

‡ Average does not include Indianapolis, Montreal, and Rochester.

MEETINGS

Our sections held one hundred and sixty-one meetings during the year and in addition there were nine New York meetings, a Rochester Fall Meeting, and an Annual Convention.

The Eleventh Annual Convention was held in Cleveland, Ohio, on May 11, 12, and 13. The attendance totaled five hundred and eighty-

nine of whom sixty-one were ladies. The Institute Medal of Honor and the Morris Liebmann Memorial Prize were awarded during the banquet which was attended by three hundred and sixty members and guests.

The Rochester Fall Meeting was held on November 16, 17, and 18 and showed a total registration of four hundred and fifty-five. Fifteen papers were presented and an exhibition was held.

BOARD OF DIRECTORS

The government of the Institute is invested in the Board of Directors. Eight meetings were held during 1936. As the Board has complete control over all policies and activities of the Institute, the scope of its work is too great to permit detailed consideration in this report. Its effectiveness as a governing body is amply demonstrated by the various activities which this report covers.

STANDARDIZATION

Twenty-three meetings of committees engaged in standardization work were held.

The Technical Committee on Electroacoustics has completed preliminary reports on definitions and on the testing of loud-speakers. These have not yet received final approval of the Standards Committee.

The Technical Committee on Electronics has revised the 1933 report and added new material to its proposed standards which have been approved by the Standards Committee. This material will be considered by the Board of Directors early in 1937.

The Technical Committee on Radio Receivers has completed the major portion of its report but will require additional time during 1937 for its completion.

The Technical Committee on Transmitters and Antennas completed late in the year its reports on the testing of transmitters and antennas. This material together with definitions will be submitted to the Standards Committee for review early in 1937.

The above technical committees and the Technical Committee on Television and Facsimile prepared progress reports on developments in their fields during 1936. These were edited by the New York Program Committee and in addition to being presented at the annual meeting of the Institute have appeared in the PROCEEDINGS.

COMMITTEE ACTIVITIES

The Institute committees held fifty-three meetings during the year and the effectiveness of the operation of a number of these has been amply covered in the previous material. The activities of some of

those that have not been portrayed are given briefly in the following items.

Awards Committee

The Awards Committee submitted to the Board of Directors its recommendations in regard to the two annual awards issued by the Institute. The Institute Medal of Honor was awarded to George A. Campbell for his contributions to the theory of electrical networks. The Morris Liebmann Memorial Prize was presented to B. J. Thompson for his contribution to the vacuum tube art in the field of very high frequencies.

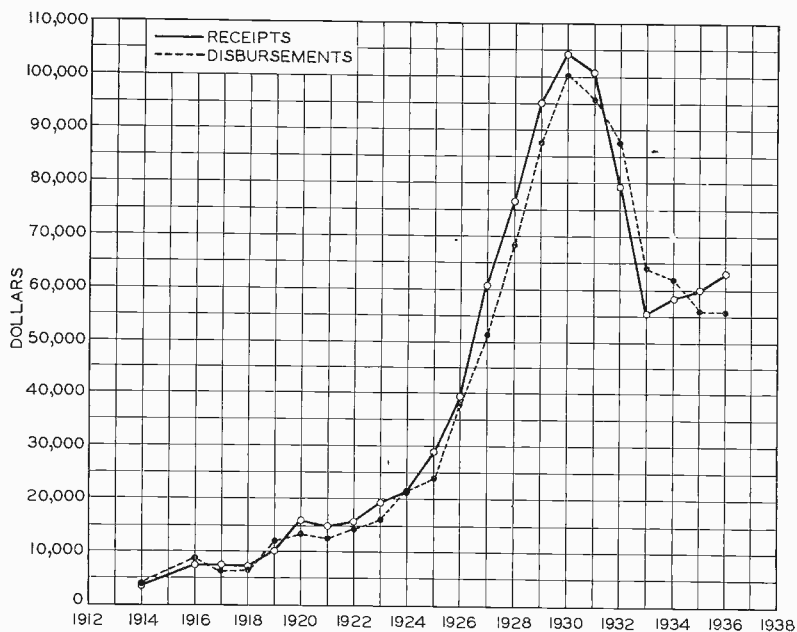


FIG. 3

Broadcast Committee

The Broadcast Committee prepared a report which was presented by President Hazeltine at the October hearing of the Federal Communications Commission and published in full in the November, 1936, issue of the PROCEEDINGS.

Constitution and Laws Committee

A general revision of the Institute Constitution was undertaken by the Constitution and Laws Committee. Some additional problems were assigned to it by the Board of Directors late in the year and prevented the submission of a complete report.

New York Program Committee

In addition to arranging for the papers presented at New York meetings, this committee had charge of the preparation of the annual review of radio which was presented before the Institute in New York and published in the PROCEEDINGS, February, 1937.

Nominations Committee

The Nominations Committee submitted to the Board a slate of candidates for the 1936 election of officers.

Tellers Committee

The ballots cast in the 1936 election of officers were counted by this committee.

FINANCES

A balance sheet prepared by the auditors who examined the Institute books will be found at the end of this report and indicates a definite improvement in fiscal conditions. Fig. 3 shows receipts and disbursements for the life of the Institute and in order that these figures may be significant of actual operating conditions, all items concerning donations, loans, money invested in, or received from the sale of securities have been omitted.

HEADQUARTERS STAFF

The headquarters staff now comprises fifteen persons, twelve of whom have served the Institute for five years or longer.

DEATHS


With deep regret we list below the names of those whose membership has been terminated by death.

Asquith, Edward	Hillebrand, W. A.	Stein, Adam, Jr.
Blenheim, William J.	Jamison, Alexander	Threlkeld, Howard M.
Cassler, Howard R.	Kintner, S. M.	Thynne, Arthur W.
Derry, F. R.	Orton, William H.	Todd, William F.
Greig, John W.	Patterson, C. F.	Woodrow, William
Herd, James F.	Peck, George T.	

ACKNOWLEDGMENT

Acknowledgment is made of the very fine co-operation and support which the Secretary has received from the Board of Directors, the numerous committees, and the headquarter's staff.

Respectfully submitted,



HAROLD P. WESTMAN, Secretary

The Institute of Radio Engineers, Inc.
COMPARATIVE BALANCE SHEET
 December 31, 1936 and 1935

	December 31, 1936	December 31, 1935	INCREASE DECREASE
ASSETS			
<i>CURRENT ASSETS</i>			
Cash.....	\$23,787.78	11,932.87	11,854.91
<i>ACCOUNTS RECEIVABLE-CURRENT</i>			
Dues.....	420.00	440.00	20.00
Advertising.....	265.00	403.38	138.38
Reprints.....	72.05	156.19	84.14
Inventory.....	7,500.99	8,133.07	632.08
Accrued Interest on Investments.....	308.33	408.33	100.00
<i>TOTAL CURRENT ASSETS</i>	32,354.15	21,473.84	10,880.31
<i>INVESTMENTS-AT COST</i>	37,470.37	41,606.62	4,136.25
(Market Value 12/31/36 \$26,441.25)			
<i>FURNITURE AND FIXTURES AFTER RESERVE FOR DEPRECIATION</i>	2,054.63	2,408.91	354.28
<i>PREPAID EXPENSES</i>			
Unexpired Insurance Premiums.....	67.32	45.99	21.33
Stationary Inventory-Estimated.....	200.00	200.00	
Convention Expense.....		73.77	73.77
Salaries.....		220.68	220.68
<i>TOTAL ASSETS</i>	<u>\$72,146.47</u>	<u>66,029.81</u>	<u>6,116.66</u>
LIABILITIES AND SURPLUS			
<i>ACCOUNTS PAYABLE</i>	\$ 390.05	204.61	185.44
<i>SUSPENSE</i>	24.64	13.77	10.87
<i>ADVANCE PAYMENTS</i>			
Dues.....	1,500.53	1,397.30	103.23
Subscriptions.....	3,524.48	3,233.20	291.28
Advertising.....	59.33	53.28	6.05
Convention.....	25.00		25.00
<i>TOTAL LIABILITIES</i>	5,524.03	4,902.16	621.87
<i>FUNDS</i>			
Morris Liebmann Memorial Fund, Principal and Unexpended Income.....	10,077.87	10,077.87	
Associated Radio Manufacturers Fund.....	1,997.80	1,997.80	
<i>TOTAL FUNDS</i>	12,075.67	12,075.67	
<i>SURPLUS</i>			
Balance, January 1.....	49,051.98	49,254.97	202.99
Add-Operating Profit (Deduct Loss) for Year.....	5,494.79	202.99	5,697.78
<i>SURPLUS-DECEMBER 31</i>	54,546.77	49,051.98	5,494.79
<i>TOTAL LIABILITIES AND SURPLUS</i>	<u>\$72,146.47</u>	<u>66,029.81</u>	<u>6,116.66</u>

Patterson and Ridgeway, Certified Public Accountants
 74 Trinity Place, New York, N. Y.

CONSTITUTION

ADOPTED AT THE FIRST MEETING OF THE INSTITUTE OF RADIO ENGINEERS
MAY 13, 1912. AMENDED NOVEMBER 2, 1914, DECEMBER 5, 1915,
AND OCTOBER 7, 1931.

ARTICLE I

NAME AND OBJECT

SEC. 1—The name of this organization shall be The Institute of Radio Engineers, Incorporated.

SEC. 2—Its objects shall be the advancement of the theory and practice of radio and allied branches of engineering and of the related arts and sciences, their application to human needs, and the maintenance of a high professional standing among its members. Among the means to this end shall be the holding of meetings for the reading and discussion of professional papers and the publication of papers, discussions, communications, and such other matters as may be appropriate for the fulfillment of its objects.

ARTICLE II

MEMBERSHIP

SEC. 1—The membership of the Institute shall consist of:

- a. Fellows, who shall be entitled to all rights and privileges of the Institute.
- b. Members, who shall be entitled to all rights and privileges of the Institute except the right to hold the offices of President and Vice President.
- c. Associates, who shall be entitled to all rights and privileges of the Institute except the right to hold any elective office specified in Article V.
- d. Juniors, who shall be entitled to attend all meetings and to receive copies of all Institute publications.
- e. Students, who shall be entitled to attend all meetings and to receive copies of all Institute publications.

SEC. 2—A Fellow shall not be less than thirty-two years of age and shall be either:

- a. A radio engineer by profession. As such he shall have attained distinction in his profession and shall be eminently qualified to take responsible charge of important radio work and shall have been in the active practice of his profession for at least ten years, and shall have had responsible charge of important radio work for at least three years.

When the applicant holds in a principal national society of an allied branch of engineering or science membership in a grade for which the qualifications indicate a standing equal to that required for the grade of Fellow herein, such membership shall be considered equivalent to three years of the required ten years of active practice of the radio profession.

- b. A professor of physical science or of electrical engineering. As such he shall have attained special distinction as an expounder of the principles of radio science and of radio engineering and shall have had at least ten years experience as a teacher of physical or electrical subjects and shall have had responsible charge, for three years, of a radio course in a school of science or engineering of recognized standing. Any experience, as defined in paragraph "a," that the applicant may have had as a radio engineer shall be considered the equivalent of the same number of years of experience as a "teacher of radio subjects."

- c. A person who has done notable original work of service to radio engineering of a character to give him a recognized standing at least equivalent to that required for Fellow under paragraph "a" or "b."

- d. A person regularly engaged in radio work for at least ten years, who, by invention or by special proficiency in contributions to the radioscience or the radio arts or radio literature, has attained a standing at least equivalent to that required for Fellow under paragraph "a" or "b."

SEC. 3—A Member shall not be less than twenty-five years of age and shall be either:

- a. A radio engineer by profession. As such, under general direction he shall have designed and taken responsibility for important radio engineer work or science and shall have been in the active practice of his profession for at least four years.

When the applicant holds in a principal national society of an allied branch of engineering, mem-

bership of a grade for which the qualifications indicate a standing equal to that required for the grade of Member herein, such membership shall be considered equivalent to two years of the requisite four years of active practice of the radio profession.

b. A teacher of physical science or of electrical engineering. As such he shall have had at least four years experience as a teacher of radio subjects in a school of recognized standing. Any years of experience the applicant may have had as a radio engineer shall be considered the equivalent of the same number of years' experience as a "teacher of radio science or of radio engineering."

c. A person regularly employed in radio or closely allied work for at least four years, who by invention or proficiency in radio science, the radio arts, or radio literature, or as an executive of any radio enterprise of large scope, has attained a standing equivalent to that required for Member under paragraph "a" or "b." In case of such an executive the applicant must be qualified to take responsible charge of the broader features of radio engineering involved in the work under his direction.

d. A person at least twenty-eight years of age who is an engineer by profession in work closely allied to radio. As such, under general direction, he shall have taken responsibility in important engineering work in his field, or science, and shall have been in active practice of his profession for at least seven years.

SEC. 4—An Associate shall be not less than twenty-one years of age and shall be a person who is interested in or connected with the study or application of radio science or the radio arts.

SEC. 5—A Junior shall have attained the sixteenth anniversary of his day of birth but shall not have passed the twenty-first anniversary thereof, and shall be a person who is interested in the study or application of radio science or the radio arts.

SEC. 6—A student shall be a person registered as a full-time student in a university or technical school of recognized standing who is pursuing a regular course of study in the science of engineering. The designation of full-time student is intended to include those who devote either their entire time or the major part of their time to studies. The expression "school of recognized standing" is interpreted as applying to schools of college grade providing an engineering curriculum of not less than three years and granting degrees.

SEC. 7—In all cases, graduation from the radio course or electrical course of a school of science or of engineering of recognized standing shall be considered the equivalent of one year's radio experience.

SEC. 8—The provisions of this Constitution, unless so stated, shall not be retroactive.

SEC. 9—The terms "member" and "membership" when printed without an initial capital where used in the Constitution and By-Laws includes Fellows, Members, Associates, Juniors, and Students.

ARTICLE III

ADMISSIONS AND EXPULSIONS

SEC. 1—Applications may be made for admission or transfer to any grade of membership as required by the By-Laws.

The Board of Directors may refuse to elect or transfer any applicant whose character, reputation, or professional conduct has been such as would make him, in the opinion of the Board of Directors, an undesirable member.

SEC. 2—An affirmative vote, oral or written, of at least two-thirds of the Board members voting at any regular meeting of the Board shall elect or transfer an applicant for any grade.

SEC. 3—A rejected applicant may renew his application for membership or transfer at any time after the expiration of one year from the date of the ballot rejecting his previous application.

SEC. 4—All elected candidates shall be duly notified. If acceptance of election by payment of admission fee and dues is not received within six months from the notification, such election shall be considered void, unless for special reasons the time shall be extended by the Board of Directors. Membership of any person shall date from the date of his election. If such date is subsequent to July 1st, only one-half of the annual dues are payable for that year. The applicant shall receive the publications of the Institute, if available, for the period for which dues are paid but if such publications are not available he shall receive a proportionate refund.

SEC. 5—Any member may be expelled from the Institute by a unanimous vote of the Board of Directors.

SEC. 6—A member may resign his membership by a written communication to the Secretary, who shall present the same to the Board of Directors; when, if all his dues have been paid, his resignation shall be accepted.

ARTICLE IV

ENTRANCE FEES AND DUES

SEC. 1—The entrance fees, transfer fees, and annual dues shall be as follows:

Entrance Fees

Fellow	\$10.00
Member	5.00
Associate	3.00
Junior	1.00
Student	—

The transfer fee from one grade of membership to another shall be the difference between the corresponding entrance fees.

Annual Dues

Fellow	\$15.00
Member	10.00
Associate	6.00
Junior	4.00
Student	3.00

SEC. 2—The annual dues shall be payable in advance on the first day of January. It shall be the duty of the Secretary to notify each member of the amount due.

SEC. 3—The Board of Directors may temporarily excuse any member from payment of annual dues and may waive in whole or in part dues in arrears.

SEC. 4—Every person admitted to the Institute shall be considered as belonging thereto and liable for the payment of all membership dues until his connection therewith shall have terminated.

ARTICLE V

OFFICERS

SEC. 1—The governing body of the Institute shall be broadly representative of the membership. It shall be known as the Board of Directors and shall consist of the President, Vice President, Secretary, Treasury, nine elected Directors, five appointed Directors, and the past Presidents of the Institute for the preceding two years.

SEC. 2—The terms of all officers, except the nine elected Directors and the past Presidents, shall be one year each. The President and the Vice President shall not be eligible for immediate renomination to the same office.

SEC. 3—Three Directors shall be elected by the membership annually and shall serve for three years each. At the first election under this Constitution, additional Directors shall be elected, one for one year and one for two years.

SEC. 4—The five appointed Directors shall be chosen by the Board of Directors to serve for terms of one year each.

SEC. 5—The Board of Directors is authorized to appoint a successor to any officer to fill an unexpired term caused by death or resignation.

SEC. 6—No officer shall receive, directly or indirectly, any salary, compensation, or emolument from the Institute, either as such officer, or in any other capacity, unless authorized by a vote of a majority of the entire Board of Directors, except as authorized by the By-Laws.

ARTICLE VI

MANAGEMENT

SEC. 1—The President shall have general supervision of the affairs of the Institute. He shall preside at meetings of the Institute and of the Board of Directors at which he may be present and shall be an ex-officio member of all committees.

The Vice President shall assume the duties of the President in event of the absence or incapacity of the President.

In the event that the President or Vice President cannot personally act as Chairman of the Board of Directors, the Board shall elect a Chairman from the Board membership who is so situated relative to the executive office that he can perform any or all of the duties of the President and he is hereby authorized to perform such duties.

SEC. 2—The Board of Directors shall manage the affairs of the Institute in conformity to the laws under which the Institute is organized and the provisions of the Constitution and By-Laws. It shall direct the investment and care of the funds of the Institute, make appropriations for specific purposes, act upon applications for membership as herein provided, take measures to advance the interests of the Institute, appoint all its employees, and generally direct its business. The Board of Directors shall make an annual report to the membership of the Institute, transmitting digests of reports of the Treas-

urer and of the other officers and of committees. Six members of the Board of Directors shall constitute a quorum.

SEC. 3—The Board of Directors may make, amend, or revoke such By-Laws as are necessary from time to time. To make, amend, or revoke the By-Laws, the proposed changes and reasons therefor shall be prepared in written form and mailed to all members of the Board of Directors thirty days or more before the stipulated meeting at which the vote of the Directors on the proposed changes shall be counted. A two-thirds majority of all Directors' votes either in writing or in person, received at the stipulated meeting, shall be required to adopt any new By-Laws, amendments, or revocations.

SEC. 4—The Treasurer shall see that all monies are deposited in the name of the Institute. He shall invest all funds not needed for current disbursements, as shall be ordered by the Board of Directors. He shall see that all bills are paid when approved as provided by the Board of Directors. He shall make an annual report and such other reports as may be prescribed by the Board of Directors. A digest of the annual report shall be published for the information of the membership of the Institute.

The Board of Directors shall secure a surety bond on the Treasurer.

SEC. 5—The Secretary shall attend all meetings of the Board of Directors and principal meetings of the Institute, prepare the business thereof, and duly record the proceedings thereof. He shall see that all monies due to Institute are carefully collected, and without loss transferred to the custody of the Treasurer. He shall carefully scrutinize all expenditures and use his best endeavor to secure economy in the administration of the Institute. Subject to the instructions of the Board, he shall approve before payment all bills or vouchers on which money is to be paid, and shall countersign the checks drawn by the Treasurer, President, or Vice President, or Chairman of the Board, against the funds of the Institute when such drafts are known to him to be proper and duly authorized. He shall have charge of the books of account of the Institute, and shall furnish, when required by the Board of Directors, a statement of receipts and expenses under their several headings, and also a statement of monthly balances. He shall present annually, to the Board of Directors, a balance sheet of his books as of December 31st and shall furnish from time to time such other statements as may be required of him. He shall conduct the correspondence of the Institute and keep full records of the same. He shall perform all other duties which may from time to time be assigned to him by the Board of Directors.

The Board shall secure a surety bond on the Secretary. An annual audit of the affairs of the Institute shall be made by certified public accountants and submitted to the Board.

SEC. 6—All standing committees shall be chosen in accordance with the By-Laws by the incoming President before January 1st, the appointments to take effect at the annual meeting of the Institute. Additional standing committees and other committees may be appointed by the President with the consent of the Board of Directors at other times as may be required to carry out the objects of the Institute.

SEC. 7—The fiscal year of the Institute shall end with the 31st day of December.

ARTICLE VII

NOMINATION AND ELECTION OF PRESIDENT, VICE PRESIDENT, AND THREE DIRECTORS AND APPOINTMENT OF SECRETARY, TREASURER, AND FIVE DIRECTORS

SEC. 1—On or before July 1st of each year the Board of Directors shall call for nominations by petition and shall at the same time submit to qualified voters a list of the Board's nominations containing at least two names for each elective office, together with a copy of this article.

Nomination by petition shall be made by letter to the Board of Directors setting forth the name of the proposed candidate and the office for which it is desired he be nominated. For acceptance a letter of petition must reach the executive office before August 15th of any year, and shall be signed by at least thirty-five Fellows, Members, or Associates.

Each proposed nominee shall be consulted and if he so requests his name shall be withdrawn. The names of proposed nominees who are not eligible under the Constitution, as to grade of membership or otherwise, shall be withdrawn by the Board.

On or before September 15th, the Board of Directors shall submit to the Fellows, Members, and Associates in good standing as of September 1st, a list of nominees for the offices of President, Vice President, and three Directors. This list shall comprise at least two names for each office, the names being arranged in alphabetical order and shall be without indication as to whether the nominees were proposed by the Board or by petition. The ballot shall carry a statement to the effect that the order of the names is alphabetical for convenience only and indicates no preference.

Fellows, Members, and Associates shall vote for the officers whose names appear on the list of nominees, by written ballots in plain sealed envelopes, enclosed within mailing envelopes marked "Ballot" and bearing the member's written signature. No ballots within unsigned outer envelopes shall be counted. No votes by proxy shall be counted. Only ballots arriving at the executive office prior to October 25th shall be counted. Ballots shall be checked, opened, and counted under the supervision of a Committee of Tellers, between October 25th and the first Wednesday of November. The result of the count shall be reported to the Board of Directors at its first meeting in November and the nominees for

President and Vice President and the three nominees for Directors receiving the greatest number of votes shall be declared elected. In the event of a tie vote the Board shall choose by lot between the nominees involved.

SEC. 2—The Treasurer, Secretary, and five appointive Directors shall be appointed by the Board of Directors at its annual meeting for a term of one year or until their successors be appointed.

ARTICLE VIII

MEETINGS

SEC. 1—There shall be an annual meeting of the Board of Directors as soon as practicable after January 1st and before February 1st, at which newly elected officers shall begin their terms of service, and the Board shall make necessary appointments. There shall be a meeting of the Board of Directors in November on or after the first Wednesday to receive the report of the Tellers Committee.

SEC. 2—There shall be an annual meeting of the Institute as soon as practicable after the annual meeting of the Board of Directors at which newly appointed directors, officers, and committees shall begin their terms of service and at which general reports of the Secretary and Treasurer shall be made, and at which the retiring and incoming Presidents shall be requested to present addresses in person or by proxy.

SEC. 3—Additional business meetings and meetings for the reading and discussions of papers shall be held as prescribed in the By-Laws.

SEC. 4—The Institute may adopt, from time to time, rules for the order of business at its meetings.

SEC. 5—In addition to the annual and November meetings of the Board of Directors, meetings of the Board shall be held at such times as are necessary to carry out the provision of this Constitution and may be held at such other times as any three members of the Board may determine, but only on notice to all members of the Board.

ARTICLE IX

INSTITUTE SECTIONS

SEC. 1—Whenever, in the judgment of the Board of Directors, a sufficient number of Fellows, Members, and Associates shall petition, in writing, these members may form, subject to the Constitution and all By-Laws and regulations which may be hereafter prescribed by the Board of Directors, a Section of the Institute of Radio Engineers for the purpose of more effectually carrying out the aims of the Institute.

SEC. 2—Any member may become a member of such section, but no such member shall be entitled to vote, or hold office, in more than one section at a given time.

SEC. 3—The Board of Directors may at any time terminate the existence of any section when in its judgment the interests of the Institute make such action desirable.

ARTICLE X

AMENDMENTS

SEC. 1—Amendments to this Constitution may be proposed by means of a petition signed by not less than thirty-five (35) Fellows, Members, or Associates, or by means of a resolution adopted by the Board of Directors. Such proposed amendment or amendments shall be submitted to legal counsel by the Board of Directors, and if, in the opinion of such counsel, they are in accordance with the laws under which the Institute is organized, a copy shall be mailed, with a letter ballot, to each member.

SEC. 2—Constitutional amendment ballots shall be mailed to the membership sixty days before the date set for counting the ballots, and the ballots shall carry a statement of the time limit for delivery to the executive office. The Secretary shall hand these ballots to a Committee of Tellers, which shall count such votes and make a sealed report in duplicate to the Board of Directors at the next meeting of the Board, one copy of which shall forthwith be filed with the Secretary, while the other copy shall remain in possession of the chairman of the committee, who shall hand this report to the presiding officer. In the absence of this report by the chairman of the committee the Secretary shall produce the duplicate copy and hand the same to the presiding officer of the meeting. The presiding officer shall then cause the report to be read. If the total vote be not less than twenty per cent (20%) of the total membership of the Institute, and if seventy-five per cent (75%) or more of all the Fellows, Members, and Associates voting shall declare themselves in favor of the proposed amendment or amendments, the same shall become a part of the Constitution.

SEC. 3—Amendments shall take effect thirty (30) days after their adoption, but officers and officers-elect of the Institute at the time any amendment becomes effective shall continue in office until the end of the terms for which they were elected.

SEC. 4—The Secretary shall print copies of the amendments as soon as practicable after adoption, and distribute the same to the membership.

SEC. 5—A complete history of amendments shall be kept in the files of the Institute.

BY-LAWS OF THE INSTITUTE OF RADIO ENGINEERS

Article VI, Sec. 3, of the Constitution provides for By-Laws as follows:

"The Board of Directors may make, amend, or revoke such By-Laws as are necessary from time to time. To make, amend, or revoke the By-Laws, the proposed changes and reasons therefore shall be prepared in written form and mailed to all members of the Board of Directors thirty days or more before the stipulated meeting at which the vote of the Directors on the proposed changes shall be counted. A two-thirds majority of all Directors' votes either in writing or in person, received at the stipulated meeting shall be required to adopt any new By-Laws, amendments, or revocations."

BY-LAWS

MEMBERSHIP

SEC. 1—Institute members are authorized to use the following abbreviations or symbols indicating their grade of membership:

Fellow—Fel. I.R.E.
 Member—Mem. I.R.E.
 Associate—Assoc. I.R.E.
 Junior—Jr. I.R.E.
 Student—Std. I.R.E.

SEC. 2—The term member (when printed without a capital), where used herein, includes Fellows, Members, Associates, Juniors, and Students.

SEC. 3—It shall be the duty of all members to call the attention of the Secretary to any improper use of Institute badges or symbols, or to claims made by nonmembers that they belong to the Institute. The Secretary shall thereupon investigate the facts and lay the matter before the Board of Directors.

SEC. 4—All applications for admission to the Institute in the Fellow or Member grades or for transfer to these grades shall be made in a form approved by the Board of Directors, and shall embody a full record of the general technical education of the applicant and of his professional career. Applicants for various grades of membership shall refer to the following number and grade of sponsors:

For the grade of Fellow, to five Fellows.
 For the grade of Member, to five Fellows or Members.
 For the grade of Associate, to three Fellows, Members, or Associates.
 For the grade of Junior, to three Fellows, Members, or Associates.
 For the grade of student, to a member of the faculty of the school which he attends.

Each application for admission or for transfer from one grade to another shall embody a concise statement, with dates, of the candidate's training and experience, and shall be in such form and such detail as may be prescribed by the By-Laws. It shall be signed by the applicant, and shall contain a promise to conform to the requirements of that grade of membership to which he may be elected.

Each of the members referred to by the applicant shall be requested by the Secretary to address a confidential letter of prescribed form to the Board of Directors stating the extent of the writer's personal knowledge of the training and experience of the applicant and the writer's opinion of the character of the applicant. If at least a majority of the members named as reference do not furnish the requisite endorsement, the Secretary shall call upon the applicant for additional names, and not until written communications have been received from at least three members, in the case of Fellow and Member grades, shall the application be considered by the Board of Directors.

The requirements of the foregoing paragraphs may be waived in whole or in part where the applicant is well known, either personally or by reputation, to the Board of Directors, or where the application is for Junior, Student, or Associate grade.

An applicant for the Member or Fellow grade who is so situated as not to be known personally to more than three of the required number of members of suitable grade may give the names, occupations, and addresses of responsible nonmembers to complete the required number of references.

SEC. 5—No application for admission or transfer shall be acted upon by the Admissions Committee until the number of replies prescribed above is received, except where requirements have been waived as provided in the foregoing Section.

SEC. 6—An applicant for admission to the Institute, who, in the judgment of the Admissions Committee, is not eligible for the grade applied for, but is eligible for admission to a lower grade, may be so notified, and be given the opportunity of changing his application accordingly.

SEC. 7—The names of applicants for admission to, or transfer in, the Institute after approval by

the Admissions Committee or other authority shall be posted in the PROCEEDINGS with a request that any member objecting to the election or transfer of any candidate shall make written communications to the Secretary, who shall refer such communication to the Board of Directors at the time of submission of the name of such candidate.

SEC. 8—Transfer of an Associate or Member to a higher grade may be proposed by any member acting as sponsor, in which case the sponsor shall fill out the application blank and provide letters of reference for submission to the Admissions Committee. If the application is favorably acted upon, the sponsor shall secure the candidate's signature to a duplicate application blank after which the application shall be posted and submitted to the Board of Directors with other applications as specified in Section 7.

SEC. 9—The Membership Committee shall, each year, select from the membership list the names of all members whom they think are entitled to a higher rank in membership, and shall act as sponsors as prescribed in Section 8 of these By-Laws.

SEC. 10—Objection to the admission or transfer of any candidate to any grade must be accompanied by reasons for such objection. All such statements shall be treated as confidential.

SEC. 11—The privileges attaching to membership in the Institute, shall not be accorded to applicants for admission until they have been duly elected, and have paid their entrance fees and current dues.

SEC. 12—A prompt notification of his election, accompanied by a statement of his initiation fee (if unpaid) and dues, shall be mailed to each candidate by the Secretary. A second notice of his indebtedness shall be sent by mail one month later to every candidate remaining in arrears in the continental United States and Canada and two months later to all other candidates. The Secretary may, at his discretion, cancel the election of any applicant who has not paid his initiation fee and remains in arrears three months after the mailing of the second notice.

SEC. 13—Any member who has resigned in good standing may be reelected without payment of entrance fee.

If such applicant so desires he may be reinstated, retaining his original date of membership or transfer, by payment of all dues which have accrued during the interim, and he will then be entitled to such Institute publications issued during this period as may be available and a rebate for such publications as are not available.

SEC. 14—Any member who has been dropped as delinquent may upon payment of the dues for which he was in arrears be reinstated or he may at his option be reelected to that grade of membership previously held upon payment of the entrance fee and current dues for that grade.

SEC. 15—The Institute rights and privileges of each member shall be personal to himself, and shall not be transferable or transmissible by his own act or by operation of law.

SEC. 16—A member whose membership shall terminate for any cause shall have no right or interest in any property of the Institute or any claim or privilege in or against the Institute or pertaining thereto.

SEC. 17—Any member whose dues are more than two months in arrears shall be notified by the Secretary. Should his dues not be paid when they become three months in arrears, he shall lose the right to vote or to receive the publications of the Institute. Should his dues become six months in arrears, he shall be again notified in form prescribed by the Board of Directors, and if such dues become ten months in arrears, he shall forfeit his connection with the Institute. The Board of Directors may, however, for cause deemed by it sufficient, extend the time for payment and for the application of these penalties.

SEC. 18—The mailing of bills or statements to the most recent address received from a member shall be considered a valid notice of indebtedness.

SEC. 19—Allied vocation, work, art, and science shall be construed largely upon the interest in the PROCEEDINGS of this Institute and upon the present and future applications of radio developments. Any work, art, or science which in its present state is obviously dependent on past, present, or probable future radio developments, any work, art, or science from which there is an obvious demand for the PROCEEDINGS of the Institute, and any work, art, or science that obviously contributes to the development of radio engineering shall be considered as an allied branch of engineering or of the related arts or sciences.

In each individual case the decision as to whether or not a candidate's occupation is sufficiently closely related to the purposes of the Institute shall be made by the Board of Directors in cooperation with the Admissions Committee.

ELECTION OF OFFICERS

SEC. 20—In January the Board of Directors shall select three of its members to serve as a Nominations Committee who shall select a chairman from their number and two or more additional committee members, if they deem it desirable.

As soon as practicable the Nominations Committee shall meet to select nominees and shall present its selections to the Board of Directors before April 15th. They shall suggest three or more names for each office and shall avoid naming persons who would presumably not accept the nominations, in so far as may be practicable.

SEC. 21—The Secretary, appointed as prescribed in Article VII, Sec. 2 of the Constitution, shall be paid a salary, the amount of which shall be determined by the Board of Directors.

BOARD OF DIRECTORS

SEC. 22—Unless otherwise ordered by the Board of Directors, meetings of the Board of Directors shall be held the first Wednesday of each month in the office of the Institute in New York City, except that in July and August meetings may be omitted.

Minutes of all meetings of the Board of Directors shall be sent to each member of the Board of Directors.

INSTITUTE MEETINGS

SEC. 23—Unless otherwise ordered by the Board of Directors, meetings shall be held by the Institute on the first Wednesday of each month except July and August and at such other times and places as the Board of Directors may elect.

SEC. 24—There shall be one or more general conventions of the Institute each year. Regional conventions may also be held. The location and dates of all conventions shall be determined by the Board of Directors.

SEC. 25—The President shall appoint a Convention Committee for each convention. The duties of this committee shall consist in making all necessary local arrangements for the convention, in coöperations with the Secretary and the Papers Committee. The chairman of the Convention Committee shall appoint such subcommittees as he deems necessary, as, for example, Committees on Publicity, Finance, Technical Sessions, Inspection Trips, Entertainment Features, Hotel Arrangements, etc.

SECTIONS

SEC. 26—A petition for the formation of a Section shall be signed by not less than twenty-five (25) Fellows, Members, and Associates residing within the territorial limits hereinafter prescribed. The Board of Directors may decline to authorize the formation of a Section when in its judgment such an organization would not be compatible with the interests of the Institute.

SEC. 27—All Sections will conform to a Constitution for Sections provided by the Institute. The Constitution for Sections will be found following these By-Laws.

SEC. 28—In the initial Section organization only petitioners shall have the right to vote.

SEC. 29—A Section of the Institute may coöperate with other local organizations in the holding of joint meetings, and may invite members of such organizations and the public to its meetings.

SEC. 30—The territory of a Section shall include the locality naturally tributary thereto, but shall not include territory so remote or inaccessible that members cannot readily attend meetings. For the purpose of determining the maximum amount to which the Section is entitled under these By-Laws, points more than sixty miles from the regular meeting place of the Section shall not be considered a part of that Section, except that, when special conditions warrant such action, additional territory within a reasonable distance may be authorized by the Board of Directors, upon approval of the Sections Committee. If adjacent Sections are so situated that the sixty-mile limit embraces common territory, the question as to which Section may claim such members as reside within this common territory shall, if possible, be decided by agreement between the Sections concerned, otherwise by the Sections Committee.

SEC. 31—The Board of Directors may at any time terminate the existence of any Section when in its judgment the interests of the Institute make such action desirable.

SEC. 32—Papers and discussions presented before a Section shall be the property of the Institute, and may be published only on authorization by the Board of Editors.

SEC. 33—Each Section shall conduct its affairs in such a manner as to demand for its maintenance a minimum of financial support by the Institute consistent with the activities carried on by that Section.

The appropriation of Institute funds during any fiscal year for aid in Section maintenance shall be the sum determined as follows: Fifty cents for each Fellow, Member, and Associate residing within the territory of the Section at the beginning of the fiscal year, namely, January 1st, plus ten (\$10.00) dollars for each meeting up to and including the tenth meeting held during the year.

Sections shall have no authority to contract debts, pledge the credit, or in any way bind the Institute.

SEC. 34—Section Secretaries shall forward to the Secretary of the Institute a report of each meeting held by the Section for the presentation or discussion of papers, and on January 1st of each year a statement of the past year's accounts.

SECTION DELEGATES

SEC. 35—The Section delegates attending a convention shall be members of the Institute. The duties of these delegates shall be as follows:

- a. To attend such meetings of the Sections Committee as may be held during the convention.
- b. To exchange views and experiences in connection with Section activities and management and to make recommendations of an advisory nature upon such matters to the Board of Directors.
- c. To exchange and discuss ideas regarding subjects for inclusion in technical programs of future Section meetings.
- d. To advise the chairman of the Sections Committee at least sixty days in advance of the convention of questions of interest to the Institute Sections which, in their opinion, should be discussed by the delegates at the meetings of the Sections Committee during the convention. The chairman of the Sections Committee shall appoint a subcommittee of three, who with the chairman, ex-officio, shall prepare in advance of the convention a program of such questions for discussion.
- e. Past chairmen or chairmen-elect of Sections, if in attendance at the convention, shall have the privilege of attending all meetings of the Sections Committee but each Section shall be entitled to one vote only, which shall be cast by the chairman of the Section or other official delegate of the Section.

STUDENTS

SEC. 36—Each application for enrollment as a Student shall be endorsed by a member of the faculty of the school which he attends.

SEC. 37—The period of Student enrollment shall not extend more than one and one-half years beyond the date of award of the baccalaureate or leaving the university or technical school except that the period of Student enrollment may continue as long as at least half of the student's time is devoted to a regular course of study in science or engineering in a school of recognized standing. The period of enrollment shall date from the first of January nearest the date of filing the application. (Amended February 5, 1936.)

SEC. 38—The annual fee paid by each Student shall be applied as a subscription to the PROCEEDINGS for the year covered by such payment.

SEC. 39—A Student changing his mailing address without notifying the Secretary shall be entitled to duplicate copies of the Proceedings when available upon payment of fifty cents each.

COMMITTEES AND THEIR DUTIES

SEC. 40—The standing committees to be appointed by the President shall include the following:

- Admissions Committee
- Awards Committee
- Board of Editors
- Constitution and Laws Committee
- Membership Committee
- New York Program Committee
- Nominations Committee
- Papers Committee
- Publicity Committee
- Sections Committee
- Standards Committee
- Tellers Committee

The President with the advice and consent of the Board of Directors, shall appoint the members and designate the chairman of each committee, who shall select a Vice Chairman and a Secretary. Copies of minutes of all meetings and actions of committees shall be forwarded promptly by the committee secretary to the Secretary of the Institute for his file.

Standing committees shall serve from annual meeting to annual meeting.

The President or the Board of Directors may appoint additional members to any committee at any time.

SEC. 41—The Admissions Committee shall consist of five or more Fellows and Members of the Institute. The duties of this Committee are indicated in Article III of the Constitution and under "Membership" in the foregoing By-Laws.

SEC. 42—The Awards Committee shall consist of at least three but not more than five Members and/or Fellows. This Committee shall recommend recipients for the awards established by the Institute. (Amended January 31, 1934.)

SEC. 43—The Board of Editors shall consist of four or more appointed members and the Secretary ex-officio. The Chairman shall be selected from the Board of Directors.

This Committee shall have supervision of the PROCEEDINGS, and other publications of the Institute, including matters pertaining to the format of these publications, decisions regarding the publication of papers, discussions, and all other matter available for publication, and the formulation and carrying out of plans for bringing into practice the policies regarding Institute publications that may be determined from time to time by the Board of Directors.

SEC. 44—The Constitution and Laws Committee shall consist of five or more members of the Institute, one of whom is a lawyer. It shall consider and investigate all matters relating to the Constitution and By-Laws of the Institute, the duties and jurisdiction of its officers and committees, its legal status and responsibilities, and like legal and cognate questions referred to it by the Board of Directors for action thereon. The committee may consult legal and technical counsel with reference to any question before it.

SEC. 45—The Membership Committee shall consist of five or more members, and the chairmen of the Membership Committees of the Sections of the Institute, ex-officio.

This Committee shall bring the advantages of membership to the attention of desirable candidates for admission to the Institute. The Committee may enlist the cooperation of the Sections in its work or take such other measures as it may consider advisable to interest prospective members of the standing and qualifications specified for the various grades of membership.

SEC. 46—The New York Meetings Program Committee shall consist of five or more members and shall prepare the programs for New York meetings of the Institute.

SEC. 47—The Nominations Committee shall consist of five or more members who shall recommend to the Board of Directors on or before the May meeting of the Board of Directors, a list of nominees for the offices of President, Vice President, and three Directors.

SEC. 48—The Papers Committee of five or more members shall be appointed for their ability to obtain, examine, and select papers.

This Committee shall cooperate with the Convention Committees. The Committee shall receive and consider all papers and in addition shall arrange directly for papers relating to subjects within the scope of Institute activity.

SEC. 49—The Publicity Committee shall consist of five or more members and shall give such publicity through the public press of Institute activities as will contribute to the growth and usefulness of the Institute.

SEC. 50—The Sections Committee shall consist of five or more appointed members and the chairman of each Section, ex-officio, or his representative.

This Committee shall have the general supervision and management of the Sections of the Institute. The Committee shall confer with the Section officers and it shall consider, investigate, and make reports and recommendations to the Board of Directors for action upon all matters regarding or involving the interests and welfare of Sections.

SEC. 51—The Standards Committee shall consist of ten or more members with such additional members as may be necessitated by the plan of organization adopted by the Standards Committee.

This Committee shall consider and investigate all matters relating to units and standards appertaining to or applicable in radio engineering and in the allied engineering arts and sciences. The committee shall make reports and recommendations to the Board of Directors for action thereon.

SEC. 52—The Tellers Committee shall consist of the Secretary and at least one Associate, one Member, and one Fellow.

SEC. 53—The functions of temporary committees shall be defined by the Board of Directors. At the beginning of each administrative year the Secretary shall transmit to all the members of each temporary committee whose duties may be continued, copies of the original resolutions constituting such temporary committee.

SEC. 54—Committees shall be listed in alphabetical order in Institute publications.

REPRESENTATIVES UPON JOINT COMMITTEES AND OTHER BODIES

SEC. 55—The Board of Directors may appoint representatives of the Institute upon joint committees, boards, and other local, national, and international bodies, for the purpose of bringing about closer cooperation between the Institute and other organizations. The terms of these representatives shall terminate on December 31st except where the terms are otherwise specified in the regulations of the body to which they are appointed.

SEC. 56—The Board of Directors may authorize payment of the expenses of any officer or member when that member is sent by the Board of Directors to represent the Institute. The Board of Directors, in carrying out the objects of the Institute, may authorize any officer(s) or member(s) to represent the Institute on any subject when the degree and time of representation is specified.

PAPERS AND DISCUSSIONS

SEC. 57—Preprints or reprints of any paper published by the Institute not exceeding 50 copies will be furnished, without covers, free of charge for the personal use of the author if requested within 30 days before the month of publication. Special covers will be charged for.

For reprints or preprints in excess of 50 copies, or when ordered later than specified above, a charge will be made.

SEC. 58—The President may invite any nonmember to discuss any paper presented at a meeting of the Institute, and the chairman of any Section may invite any nonmember to discuss any paper presented at the Section of which he is chairman.

SEC. 59—No paper or written contribution to a discussion shall be given to the press for publication in advance of its presentation except by authority of the Board of Directors. Abstracts may be given to the press by the Publicity Committee.

SEC. 60—No person shall receive monetary compensation from the reprinting of any paper or discussion presented before the Institute or before any Section without previous authorization from the Secretary, excepting such reprints as are supplied by the Institute. All copyrights belong to the Institute.

PUBLICATIONS

SEC. 61—The regular publications of the Institute shall include the PROCEEDINGS, to be published monthly.

SEC. 62—The PROCEEDINGS may have two principal divisions:

- a. For current matter and Institute news.
- b. For technical papers, discussions, and other matter of engineering character.

SEC. 63—The Secretary is authorized to receive annual subscriptions to the monthly Proceedings at the rate of \$10.00 per annum with an extra postage charge sufficient to cover the mailing cost to all countries to which the bulk rate of postage does not apply. A discount of fifty per cent from the subscription price of \$10.00 will be allowed to colleges, public libraries, and libraries of learned organizations or institutions of standing, upon direct subscription to Institute headquarters. Members, publishers, and subscription agencies may be allowed a discount of twenty-five per cent.

SEC. 64—A reinstated or new member shall be entitled to receive single copies of the PROCEEDINGS issued during the period covered by his payment of dues when copies are available, and shall be entitled to a rebate of twenty-five cents per copy when such PROCEEDINGS are not available.

SEC. 65—Unless otherwise ordered by the Board of Directors, an alphabetical and geographical list of members shall be published annually. The grade of each member shall be indicated in either list, or both, by a difference in type or otherwise, at the Secretary's discretion. This list, usually in the form of a YEAR BOOK, shall be sent to all members without charge. The list of members shall be corrected to January 1st and mailed as soon thereafter as possible.

PUBLICITY

SEC. 66—Officers and committees, who consider that publicity regarding any Institute activities under their jurisdiction should be given in the daily or technical press, are urged to prepare such announcements as they may deem desirable, which should then be forwarded, with recommendations, to the Secretary. The Secretary will promptly refer them to the Publicity Committee. If the Secretary or the Publicity Committee is in doubt as to the propriety of publication the question may be referred to the Board of Directors. If the subject is a matter of news, the news value may be retained by discussing the matter over the telephone with as many committee members as are available.

CONSTITUTION FOR SECTIONS

(NAME OF PLACE OR GEOGRAPHICAL DISTRICT SECTION OF)

THE INSTITUTE OF RADIO ENGINEERS

CONSTITUTION

ARTICLE I

NAME AND OBJECT

SEC. 1—This organization shall be known as the Section of the Institute of Radio Engineers.

SEC. 2—The Section shall strive for the advancement of the theory and practice of radio engineering and of the allied arts and sciences, and the maintenance of a high professional standing among its members, all in consonance with the Constitution and By-Laws of the Institute and with special attention to such aims within the territory of the Section as are hereinafter defined.

SEC. 3—The Section shall aid in promoting close cooperation and good fellowship among its members and to this end shall hold meetings for the transaction of the regular business of the Section and for the presentation of papers and their discussion.

ARTICLE II

MEMBERSHIP

SEC. 1—All members of the Institute residing within the territory of the Section are automatically members of this Section. There shall be no other grades of membership.

SEC. 2—All Fellows, Members, and Associates of the Institute residing within the territory of the Section shall be entitled to attend meetings, vote, and hold office.

SEC. 3—Junior and Student members of the Institute shall be entitled to attend meetings but shall not have the right to vote or hold office.

ARTICLE III

TERRITORY

SEC. 1—The territory of the Section shall comprise (counties and State or States).

ARTICLE IV

DUES

SEC. 1—There shall be no Section dues.

SEC. 2—The ordinary expenses of the Section shall be defrayed by the funds supplied by the Institute.

SEC. 3—Emergency or extraordinary expenses may be provided for by voluntary contribution from the membership of the Section. A unanimous vote of the Executive Committee is required before such a request may be made.

ARTICLE V

OFFICERS

SEC. 1—The officers of the Section shall be a Chairman, a Vice Chairman and a Secretary-Treasurer.

SEC. 2—Terms of all officers shall be for one year beginning at the close of the annual meeting at which election is held and continuing until their successors are duly elected and take office.

ARTICLE VI

MANAGEMENT

SEC. 1—There shall be an Executive Committee consisting of the officers, the Junior Past Chairman, the Chairman of the Meetings and Papers Committee, the Chairman of the Membership Committee, the Chairman of the Publicity Committee, and, if desired by the Executive Committee, one additional member to be appointed by the Chairman.

SEC. 2—The Chairman, responsible to the Executive Committee, shall have general supervision of the affairs of the Section. He shall preside at meetings of the Section and the Executive Committee and have such other powers and perform such other duties as may be provided for in the By-Laws, or as may be delegated to him by vote of the Section. In his absence his duties shall be performed by the Vice Chairman.

SEC. 3—The Secretary-Treasurer shall receive and deposit all monies in the name of the Section in such depository as shall be determined by the Executive Committee. He shall make only such disbursements as shall be ordered by the Executive Committee.

SEC. 4—The Secretary-Treasurer shall send out notices, prepare the agenda for, and record the minutes of all meetings of the Section and of the Executive Committee. He shall make such reports of his activities as may be required by the Executive Committee of the Institute.

SEC. 5—The Chairman, as soon as expedient after the annual meeting, shall appoint the following standing committees:

Meetings and Papers Committee
 Membership Committee
 Publicity Committee

Members appointed shall serve until their successors are appointed or the committee dissolved.

Other Committees may be authorized by vote of the Section at any regular meeting, and shall be appointed by the Chairman of the Section.

ARTICLE VII

NOMINATION AND ELECTION OF OFFICERS

SEC. 1—All officers shall be elected at the annual meeting of the Section upon nomination by a nominating committee of three members not then officers of the Section, duly appointed by the Chairman of the Section two months before the annual meeting. These nominations shall be announced in the notice of the annual meeting. Nominations may also be made from the floor.

SEC. 2—Vacancies in office occurring during the year shall be filled by the Executive Committee for the remainder of the unexpired term unless otherwise provided for.

SEC. 3—If for any reason the best interests of the Section seem to require a change in the governing body during the year, the matter shall be duly and carefully considered by the Executive Committee. Upon not less than two-thirds vote of the Executive Committee, or upon receipt by the Executive Committee of a petition signed by fifteen (15) members of the Section, recommendation shall be made to the Section for action at a special meeting to be duly called by the Executive Committee for the sole purpose of considering and voting upon such a change.

A two-thirds vote of the members present shall be necessary to declare an office vacant. Upon a two-thirds vote of the members present the vacant office may be filled for the unexpired term upon nominations from the floor.

ARTICLE VIII

MEETINGS

SEC. 1—The Section shall not hold less than five regular meetings during the year, one of which shall be an annual meeting.

SEC. 2—These meetings shall be held at some specific time in the year as prescribed in the Section By-Laws.

SEC. 3—The fiscal year of the Section shall correspond with the fiscal year of the Institute. (Calendar year.)

SEC. 4—Fifteen members shall constitute a quorum at all meetings of the Section called for the transaction of regular business and requiring a vote to be taken.

SEC. 5—A plurality vote of the members present is necessary for the election of officers.

SEC. 6—Meetings of the Executive Committee shall be held at such times as shall be found necessary. Executive Committee meetings may be called by the Chairman of the Section at his own discretion or shall be at the request of three members of the committee.

SEC. 7—Four members shall constitute a quorum at all meetings of the Executive Committee except as otherwise provided herein.

SEC. 8—A majority vote of the Executive Committee shall be necessary, in the conduct of its business except as otherwise provided in this Constitution or in the Section By-Laws.

SEC. 9—The Secretary-Treasurer shall send out notices of all regular Section meetings to all Institute members in the territory of the Section at least one week prior to the date of meeting. These notices shall contain a full statement of the time, place, and business of the meeting.

ARTICLE IX

AMENDMENTS

SEC. 1—This Constitution may be amended by a two-thirds vote of all members present at any annual meeting of the Committee on Sections provided that notices of the proposed meeting and the proposed change has been sent to all members of the Committee on Sections at least one month in advance of the meeting. Such action shall be subject to the approval of the Board of Directors of the Institute.

SEC. 2—In the event of absence of any member of the Committee on Sections, he may vote by proxy on amendments to this Constitution.

SEC. 3—Suitable By-Laws to this Constitution may be adopted by a two-thirds vote of the Section provided they are consonant with the Constitution and By-Laws of the Institute and this Constitution. A copy of these By-Laws shall be filed in the Institute office.

ANNUAL MEETINGS

The annual meeting at which officers for the succeeding year are elected is usually a regular monthly meeting. The particular month chosen by each of the Sections is tabulated below.

Sections	Month
Atlanta	January
Boston	December
Buffalo-Niagara	June
Chicago	December
Cincinnati	December
Cleveland	December
Connecticut Valley	Last regular meeting of calendar year
Detroit	December
Los Angeles	December
New Orleans	June
Philadelphia	June
Pittsburgh	May
Rochester	Last spring meeting
San Francisco	June
Seattle	December
Toronto	May
Washington	December

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Roman numerals refer to Articles; arabic numerals, to Sections; and numbers in parentheses, to By-Laws.

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CATALOG *of* MEMBERSHIP

ARRANGED ALPHABETICALLY

and

GEOGRAPHICALLY

NOTE

The following list of membership is divided into four sections; the first contains an alphabetical list of all Fellows and the second gives a similar list of all Members. The third section contains an alphabetical list of members of the Institute of all grades and the last comprises a geographical list of members. In the general alphabetical portion, the letter and date immediately following the member's name indicate the grade of membership and date of election. Where more than one letter and date group follow the member's name, the subsequent notations refer to the grade and date of transfer to a higher grade. (F) denotes the grade of Fellow; (M) Member; (A) Associate; (J) Junior; (S) Student.

Where only one address is shown in the alphabetical list it is the mailing address.

The geographical list contains the state and town in which the member is located and his present grade of membership in the Institute.

These lists contain the names of all members on record as of December 31, 1936. The data listed for each member have been corrected to February 27, 1937.

FELLOWS

A

Alexanderson, E. F. W.
Anderson, C. N.
Appleton, E. V.
Armstrong, E. H.
Austin, A. O.

B

Bailey, A.
Baker, W. R. G.
Ballantine, S.
Barkhausen, H.
Barton, F. S.
Batsel, M. C.
Behr, F. J.
Bennett, E.
Beverage, H. H.
Blackwell, O. B.
Bown, R.
Brailard, R.

C

Cady, W. G.
Carter, E. F.
Chaffee, E. L.
Clapp, J. K.
Clement, L. M.
Colpitts, E. H.
Craven, T. A. M.
Cutting, R. F.

D

de Forest, L.
Dellinger, J. H.
Diehl, W. F.
Dorsey, H. G.
Dreher, C.
Dubilier, W.
DuMont, A. B.
Dunn, G.

E

Eastham, M.
Eckersley, P. P.
Edwards, C. P.
Ehret, C. D.
Elwell, C. F.
Englund, C. R.
Espenschied, L.
Evans, P. H.

F

Farrand, C. L.
Farrington, J. F.
Fisk, E. T.
Freed, J. D. R.
Friis, H. T.
Fuller, L. F.

G

Gillett, G. D.
Goldsmith, A. N.
Graham, V. M.
Greaves, V. F.

H

Hartley, R. V. L.
Hazeltine, A.
Heintz, R. M.
Heising, R. A.
Hinners, F. A.
Hogan, J. V. L.
Holland, W. E.
Horle, L. C. F.
Horn, C. W.
Horton, J. W.
Hull, L. M.
Hund, A.

J

Jansky, C. M., Jr.
Jarvis, K. W.
Jewett, F. B.
Jolliffe, C. B.

K

Kennelly, A. E.
Kenrick, G. W.
Kolster, F. A.
Kroger, F. H.

L

Lamson, H. W.
Langley, R. H.
Lee, A. G.
Lehde, P. E.
Little, D. G.
Loughlin, W. D.

M

Maloff, I. G.
Manson, R. H.
Marconi, G.
Mathieu, G. A.
Mayer, E. E.
McCutchen, B. S.
McElroy, P. K.
McMichael, L.
McNicol, D. M.
Meissner, A.
Miller, J. M.
Mills, J.

O

Oswald, A. A.

P

Pacent, L. G.
Pannill, C. J.
Pedersen, F. O.
Pession, G.
Pickard, G. W.
Pierce, G. W.
Poulsen, V.
Pratt, H.
Pressley, J. H.

R

Reoch, A. E.
Rice, C. W.
Richmond, H. B.
Roberts, W. Van B.
Royden, G. T.
Rush, W. A.

S

Sarnoff, D.
Sayeki, M.
Schelleng, J. C.
Scott-Taggart, J.
Shaw, H. S.
Simon, E. J.
Slee, J. A.
Stevens, A. M.
Stone, E. W.
Stone, J. S.

T

Taylor, A. H.
Taylor, C. H.
Terman, F. E.
Terrell, W. D.

V

van der Bijl, H. J.
van der Pol, B.
Van Dyck, A. F.

W

Wagner, K. W.
Warner, I. C.
Warner, K. B.
Weinberger, J.
Wheeler, H. A.
Wheeler, L. P.
Whittemore, L. E.
Wilson, W.
Woolverton, R. B.

Y

Yagi, H.
Young, O. D.

Z

Zenneck, J. A. W.

MEMBERS

A

Acheson, M. A.
Ackman, H. E.
Adams, I. J.
Agate, C. S.
Aiken, C. B.
Amis, F. H.
Ainsworth, A. L.
Alker, T. F.
Allen, H. E.
Allen, J. G.
Amy, E. V.
Anderson, E. C.
Anderson, P. A.
Andres, L. J.
Andrew, V. J.
Andrews, P. D.
Aram, P.
Arnson, L.
Asserson, R.
Aull, W., Jr.

B

Babits, V. A.
Backus, C. D.
Bailey, S. L.
Bailey, W. M.
Bair, R. S.
Baker, C. I.
Baker, I. R.
Balch, J. A.
Baldwin, A. V.
Ballentine, E. C.
Barbulesco, C. D.
Bareiss, M.
Barkley, W. J.
Barron, J. H.
Barton, L. E.
Bashenoff, V. I.
Batcheller, A.
Batcher, R. R.
Baxter, C.
Bayly, B. De F.
Beakes, W. E.
Bean, L. P. R.
Bedford, L. H.
Beers, G. L.
Behner, H. C.
Bender, L. B.
Berkner, L. V.
Beveridge, J. A.
Bingley, F. J.
Binyon, B.
Bird, R. J.
Black, K. C.
Black, W. L.
Boehme, H. O.
Bossard, G. L.
Bowie, R. M.
Bowles, E. L.
Brackett, O. A.
Bradley, J. T.
Brady, J. B.
Branch, L. W.
Branch, W. E.
Brent, H. C.
Brick, F. R., Jr.
Briggs, L. A.
Brigham, C. E.
Brito, A. R.
Brittin, F. L.
Brolly, A. H.
Brooker, V. M.
Brown, H. A.
Brown, T. E.
Brown, W. J.
Brown, W. W.
Browning, G. H.
Bruce, E.
Brunet, M.
Buchanan, A. B.
Bulgin, A. F.
Bunting, T. R.

Burgess, W. B.
Burghard, G. E.
Burke, C. T.
Burrill, C. M.
Bussard, E. J. H.
Buttner, H. H.
Byerlay, H. LeR.

C

Cabot, G. E.
Cabot, S.
Caldwell, L. G.
Caldwell, O. H.
Callahan, J. L.
Calver, F. M.
Campbell, W. H.
Canavacioli, F. E.
Capen, W. H.
Carpenter, R. E. H.
Carranza, J. J.
Carson, A. H.
Carson, J. R.
Carter, A. J.
Carter, C. J.
Carter, G. W.
Case, N. P.
Catt, J. E.
Cawein, M.
Chamberlain, A. B.
Chambers, J. A.
Chang, T. C.
Cheftel, A. M.
Chinn, H. A.
Chubb, L. W.
Clavier, A. G.
Clayton, J. M.
Clifton, B. S. Y.
Cobb, F. A.
Cockaday, L. M.
Coggeshall, I. S.
Cohan, E. K.
Cohen, S.
Cohn, H.
Cole, B. R.
Coleman, J. B.
Colwell, R. C.
Cornell, J. I.
Corwith, H. P.
Cowan, F. A.
Crampton, W. J.
Crom, G. C., Jr.
Crosby, G. L.
Crosley, P., Jr.
Crossley, A.
Culver, C. A.
Cumming, K. N.
Cummings, B. R.
Cunningham, F. W.
Curtis, A. M.
Curtis, L. F.

D

Dallin, E. B.
Dane, F. W.
Dart, H. F.
David, B. W.
Davies, G. L.
Davis, C. L.
Davis, T. McL.
Dawes, R. M.
Deal, H. B.
Dean, C. E.
de Bellescize, H. J. J. M.
de Burgh, D. H.
Deloraine, E. M.
de Mare, J.
Demarest, C. S.
de Mars, P. A.
Denstaedt, E. C.
de Oliveira, A. M.
De Wardt, R. G.
Diamond, H.
Dickey, E. T.
Deiler, T. G.

Dinsdale, A.
Ditcham, W. T.
Dobell, H.
Doherty, W. H.
Dolbear, B. L.
Doolittle, F. M.
Dow, J. B.
Dowie, J. A.
Dowsett, H. M.
Drake, F. H.
Dreyer, H. W.
Dudley, H. W.
Duncan, R. D., Jr.
Dunlap, O. E., Jr.
Dunn, L. J.
Dupree, E. M.
Dupree, F. H.
Du Treil, L. J. N.

E

Eastman, A. V.
Eaton, W. G.
Eaves, A. J.
Ellitt, H. F.
Ellis, W. G.
Ellsworth, W. C.
Emery, E. J.
Engel, F. H.
Engholm, B. A.
Evans, W. C.
Evans, Y. W. P.
Everett, L. C.
Everitt, W. L.

F

Falknor, F. B.
Farnsworth, P. T.
Faulkner, H.
Fausett, F.
Felix, E. H.
Ferguson, J. D.
Ferrell, E. B.
Ferris, M.
Ferris, W. R.
Fetzer, J. E.
Field, R. F.
Filgate, J. T.
Finch, J. L.
Finch, W. G. H.
Fletcher, E. S.
Forbes, A. C.
Forbes, H. C.
Ford, W. A.
Fortington, W. H.
Foster, D. E.
Frankel, M.
French, B. V. K.

G

Gage, D. H.
Gambrell, H. W.
Gannett, D. K.
Garrison, M. M.
Garstang, W. W.
Gates, H. A.
Cawler, H. C.
Ghirardi, A. A.
Giese, R. C.
Gill, A. J.
Girard, E. J.
Glasgow, R. S.
Gleason, H. H.
Goodwin, W. N., Jr.
Gove, E. L.
Gray, F. E.
Green, E. I.
Griffiths, P. E. A.
Griffiths, W. H. F.
Grinditch, W. H.
Grimes, D.
Grinan, J. F.
Groszkowski, J.
Grover, F. W.
Grover, H. G.

Guild, B.
Guilfoyle, T. J.
Gunther, F. A.
Guthrie, F. P.
Guy, R. F.

H

Hackbusch, R. A.
Hall, A.
Haller, G. L.
Halloran, A. H.
Hammond, J. H., Jr.
Hanna, C. R.
Hanscom, W. W.
Hansell, C. W.
Hansen, E. H.
Hanson, O. B.
Hardwick, A. H.
Harnett, D. E.
Harper, A. E.
Harris, C. C.
Harris, P. W.
Hart, R. H.
Harvey, L. M.
Hassel, K. E.
Hawes, R. N.
Hawkins, L. S.
Hayes, H. D.
Hebert, A. A.
Henderson, J. P.
Henney, K.
Herndon, L. C.
Highleyman, R.
Hilliard, J. K.
Hineline, H. D.
Hitchcock, R. C.
Hoag, J. B.
Hoffman, R. R.
Hogg, W. S., Jr.
Holborn, F.
Holland, L. N.
Hooke, L. A.
Hopkins, A. R.
Hornung, J. L.
Hotopp, A. H., Jr.
Houck, H. W.
Hovgaard, O. M.
Howell, W. J.
Howse, H. A. G.
Hultberg, C. A.
Humphreys, H. F.
Hunt, L. E.
Hutcheson, J. A.

I

Inada, S.
Israel, D. D.

J

Jackson, W. E.
Janke, H. A.
Jansky, K. G.
Jaramillo, R.
Jensen, A. G.
Jensen, J. C.
Johnson, J. K.
Johnson, P. F.
Johnson, T., Jr.
Jones, E. T.
Jones, W. R.
Julien, I. F.

K

Kaar, I. J.
Kahl, M. I.
Kantebet, S. R.
Kaufman, J.
Kear, F. G.
Kelly, M. J.
Kennell, R. J. W.
Kenney, M. W.
Kierulff, W. E.
Kievit, B.
Kilgour, C.
Kinase, M.
Kinman, T. H.
Kirke, H. L.

Kishpaugh, A. W.
Kitchin, H. W.
Klein, R. H.
Knipp, C. T.
Knipp, A. R.
Knouf, R. J.
Kofes, A.
Kolster, C. C.
Kos, S. F.
Kraemer, G. I.
Krahl, W. L.
Kranz, H. E.
Kurrelmeyer, B.

L

Lagasse, A. C.
Land, J. R.
Landon, V. D.
Lane, H. M.
Laport, E. A.
Larsen, C. J.
Lederer, E. A.
Lee, E. H. I.
Lee, W. J.
Leitch, J. G.
Lent, W. C.
Leoser, T. S.
Levine, I. B.
Levinson, N.
Levy, L.
Lewis, G. H.
Lewis, H. M.
Libby, T. M.
Ligh, C.
Lindenblad, N. E.
Lindsay, W. W., Jr.
Loftin, E. H.
Loomis, A. L.
Loughren, A. V.
Lovejoy, E. W.
Lowry, C. A.
Lübcke, E. K. W.
Lubcke, H. R.
Lush, W. G.
Lyle, A. E.
Lyman, R. P.
Lynch, A. H.
Lyons, C. L.

M

MacAdam, M. L.
MacDonald, W. A.
MacKeown, S. S.
Maddox, C. H.
Madgwick, G.
Manning, C. T.
Mansell, L. H.
Marrison, W. A.
Marsten, J.
Martin, DeL. K.
Martin, G. I.
Martin, L.
Marvin, H. B.
McCabe, L. L.
McClelland, H. M.
McDonald, A. S.
McDowell, L. S.
McElrath, G.
McIntosh, F. H.
McLennan, R. A.
McNary, J. C.
Meador, R. B.
Mercer, C. J.
Metcalf, H. E.
Meyer, L. W.
Miller, H. G.
Miller, H. J.
Miller, J. H.
Milnor, J. W.
Mingay, O. F.
Minter, R. W.
Mirick, C. B.
Mirk, D. D.
Misenheimer, H. N.
Mitchell, C. D.
Mögel, H. I.
Montgomery, A. W.

Moore, E. J. T.
Morehouse, W. B.
Morris, R. P.
Morrison, J. F.
Morton, A. R.
Moullin, E. B.
Muller, F.
Murphy, W. H.
Murray, A. F.

N

Nakagami, T.
Nakamura, T.
Nancarrow, F. E.
Nelson, C. F.
Nelson, E. L.
Nelson, J. R.
Newell, H. H.
Nilson, A. R.
Noble, H. V.
Norris, F. W.

O

Oetting, O. W. A.
Ogg, J. G.
Ohl, R. S.
Olesen, H. L.
Oliva, Llamusi, F.
Oliver, G. E.
Osborne, H. S.
Osiatinsky, L.
Owens, R. B.
Oxley, A. B.

P

Pack, E. G.
Palmer, R. N.
Parker, O. B.
Parkhurst, A. F.
Patience, A. M.
Patterson, E. B.
Payne, L. S.
Pease, R. M.
Perkins, W. M.
Perrow, F. A. P.
Peterson, C. W.
Peterson, E.
Peterson, H. O.
Phillips, H. B.
Pidgeon, H. A.
Pike, O. W.
Pitts, H. L.
Plebanski, J.
Plummer, W. E.
Pocock, H. S.
Polydoroff, W. J.
Poole, R. E.
Ports, E. G.
Potter, R. K.
Powell, E. L.
Price, H. S.

R

Ramsey, R. R.
Reinartz, J. L.
Replogle, D. E.
Rettenmeyer, F. X.
Reuthe, G.
Richard, C. W.
Richards, A. P.
Richardson, A. G.
Rickard, C. E.
Riepka, H. C.
Rietzke, E. H.
Ringel, A.
Ritter, E. W.
Rives, T. C.
Robb, J. G.
Robbins, L. R.
Robinson, H. A.
Rock, J. B.
Rockwell, R. J.
Rockwood, A. C.
Roder, H. L.
Rogers, E. S.
Rose, A. F.
Ross, S. J.

Rothe, H.
Rowe, C. R.
Russell, C. R.
Russell, M. W. G.
Ryan, F. M.
Rypinski, M. C.

S

Sadenwater, H.
Salton, L. V.
Saxl, I. J.
Schafer, J. P.
Schneider, W. A.
Schnell, F. H.
Schoenwolf, F. L.
Scholz, C. E.
Schotel, G.
Schreiber, E. H.
Schuetz, R. F.
Schwartz, B. A.
Schwerin, P.
Schofield, P. F.
Scott, E. H.
Scott, H. H.
Segal, P. M.
Senauke, A.
Seyfert, S. S.
Schackelford, B. E.
Shackleton, S. P.
Shalkhauser, E. G.
Shangraw, C. C.
Shannon, J. H.
Shea, P. F.
Shelby, R. E.
Shermund, R. C.
Shore, H.
Short, H. M.
Shrader, T. M.
Shute, E. R.
Siegel, E.
Simmonds, E. J.
Simon, W. C.
Simpson, A. V.
Skifter, H. R.
Skirrow, J. F.
Sloan, F. V.
Smith, A. E.
Smith, E. F.
Smith, F. L.
Smith, J. E.
Smith, M. T.
Smith, Samuel B.
Smith, Sidney B.
Smythe, E. H.
Snyder, E. B.
Snyder, N.
So, M.

Sohor, P. H.
Sokolcow, D. M.
Sonkin, D.
Southworth, G. C.
Spencer, L.
Sprague, C. A.
Srebroff, C. M.
Sreenivasan, K.
Stamford, M. C.
Stansel, F. R.
Steel, W. A.
Steen, J. R.
Sterling, G. E.
Stewart, J. D.
Stewart, R. B.
Stoekle, E. R.
Stone, C. H.
Strieby, M. E.
Stroebel, J. C., Jr.
Strong, C. E.
Struthers, G. A.
Sutherland, J. G. A.
Sutherlin, L.
Svoboda, J.
Sweeney, W. M.

T

Taylor, E. G.
Taylor, R. H.
Taylor, S. G.
Taylor, W. H.
Terven, L. A.
Tesch, W. L.
Thiessen, A. E.
Thom, F. W. P.
Thomas, W. A., 3rd
Thompson, A. E.
Thompson, B. J.
Tierney, W. L.
Tingey, R.
Tinus, W. C.
Tisshaw, H. S.
Tolmie, J. R.
Tolson, W. A.
Towner, O. W.
Townsend, F. T. G.
Tucker, C. E.
Tuckerman, L. P.
Turle, E. H.
Turner, G. S.
Turner, H. M.
Twiss, A. R.
Tykociner, J. T.

U

Ullrich, E. H.
Uzmann, J. G.

V

Vance, H. C.
Van Dyke, K. S.
Van Why, F. W.
Vennes, H. J.
Verdam, N. H.

W

Wade, C. F. N.
Wallace, M.
Walls, H. J.
Walmsley, T.
Walter, J. C.
Wareing, H. F.
Warner, H. J.
Waterman, F. N.
Weeks, P. T.
Weese, R.
Wells, H. W.
Wendell, E. N.
West, G. E.
West, L. E.
West, W. H.
Westman, H. P.
Whelan, D. O.
White, E. L.
White, S. Y.
White, W. C.
Widell, E. G.
Wilcox, G. M.
Williams, C. E.
Williams, L. P.
Wilmotte, R. M.
Wilson, J. R.
Wilson, M. D.
Winterbottom, W. A.
Wise, R. M.
Wise, W. H.
Wolcott, C. F.
Wolf, B.
Woodruff, E. C.
Woods, L.
Woodward, P. J.
Woodworth, F. B.
Worthen, C. E.
Wright, S. R.
Wuerfel, R. P.
Wyckoff, R. D.
Wyles, D. G.

Y

Yokoyama, E.
Young, L. C.

Z

Zacek, A.
Zworykin, V. K.

CATALOG OF MEMBERSHIP, 1936

(This list is corrected to February 27, 1937)

Arranged Alphabetically

(See note on page 60)

A

- ABBOTT, HARALD W. (A'36), Director of Laboratories, Speer Carbon Company, St. Marys, Pa.
- ABFALTER, HUBERT F. (S'35), Student, University of Detroit, Detroit, Mich. For mail: 12093 Engleside, Detroit, Mich.
- ABRAMOVICH, MELVIN N. (S'36), Radio Service Engineer, Abramovich Radio Service, 256 E. Fairfield Ave., St. Paul, Minn. For mail: 180 State St., St. Paul, Minn.
- ACHATZ, RAYMOND V. (A'20), Secretary and General Manager, Southern Indiana Telephone Company, Aurora, Ind.
- ACHESON, MARCUS A. (A'36-M'37) Hygrade Sylvania Corporation, Emporium, Pa. For mail: 104 W. Sixth St., Emporium, Pa.
- ACKERLIND, ERIK (A'35), Shellac Research Bureau, Polytechnic Institute of Brooklyn, 99 Livingston St. Brooklyn, N.Y. For mail: Box 151, Main Post Office, Brooklyn, N.Y.
- ACKERMAN, EDMUND K. (A'27), Chief Engineer, Sound Systems, Inc., 6545 Carnegie Ave., Cleveland, Ohio. For mail: 1698 E. 90th St., Cleveland, Ohio.
- ACKERMAN, MILTON J. (A'25), Test Development Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 308 Penn St., Camden, N.J.
- ACKMAN, HOWARD E. (A'31-M'37), Development Department, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 414 W. Fourth St., Emporium, Pa.
- ACTON, EDWARD H. (A'26), Superintendent, Aluminum Company of Canada, Ltd., Box 100, Shawinigan Falls, Que., Canada.
- ADACHI, WILLIAM Y. (A'26), Engineering Assistant, Brooklyn Edison Company, 380 Pearl St., Brooklyn, N.Y. For mail: 90 Maple Dr., Roosevelt, L.I., N.Y.
- ADAMS, IRA J. (A'20-M'28), Patent Lawyer, 80 Maiden La., New York, N.Y.
- ADAMS, JAMES J. (A'36), Assistant, Research Department, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 1421 Arch St., Philadelphia, Pa.
- ADAMS, JOHN Q. (A'33), Station Engineer, CFCY, 143 St. George St., Charlottetown, Prince Edward Island. For mail: Box 32, Charlottetown, Prince Edward Island.
- ADAMS, JOSEPH C. (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: Box 115, Massachusetts Institute of Technology, Cambridge, Mass.
- ADAMS, RALPH E. (A'32), Fourth Air Navigation Division, Box 1689, Fort Worth, Tex.
- ADAMS, RICHARD A. (A'36), Factory Sales Representative, Apt. 307, 9440 Dexter, Detroit, Mich.
- ADAMSON, ALPHONSE A. (S'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 431 Audubon Ave., New York, N.Y.
- ADCOCK, STUART E. (A'28), President, Stuart Broadcasting Corporation, 524 S. Gay St., Knoxville, Tenn. For mail: Box 2166, Knoxville, Tenn.
- ADLER, BENJAMIN (A'28), Sales Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- ADLER, LEONARD E. (A'29), Technical Employee, American Telephone and Telegraph Company, 820 Poydras St., New Orleans, La. For mail: Apt. B, 1833 Robert St., New Orleans, La.
- ADORJAN, PAUL (A'33), Technical Director, Redifusion, Ltd., Bush House, Aldwych, London, W.C. 2, England.
- AFFEL, HERMAN A. (A'14), Toll Transmission Development Director, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- AFFLERBACH, EDWIN K. (J'34-A'35), Low-Frequency Tester, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 19 Belmont Ave., Quakertown, Pa.
- AGATE, CHARLTON S. (A'19-M'29), Superintendent of Television Receiver Development, Electrical and Musical Industries, Ltd., Blyth Rd., Hayes, Middx., England. For mail: Lynwood, Waynelete Tower Ave., Esher, England.
- AIELLO, JOHN (A'36), Service Engineer, Westinghouse Electric and Manufacturing Company, 1466 Powell St., Emeryville, Calif. For mail: 5715 Oak Grove Ave., Oakland, Calif.
- AIKEN, CHARLES B. (A'25-M'35), Associate Professor of Electrical Engineering in Charge of Communication, Purdue University, West Lafayette, Ind.
- AINSWORTH, A. L. (A'22-M'33), President, DeForest Radio Corporation, 245 Carlaw Ave., Toronto, Ont., Canada.
- AIRSTON, ALEXANDER, J. (A'31), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 3924 Chestnut St., Philadelphia, Pa.
- AIRTON, LESLIE W. (A'36), Head of Technical Department, Milnes Radio Company, Ltd., Bingley, Yorks., England. For mail: 9 Merton Rd., Bradford, Yorks., England.
- AITKENHEAD, JOHN, JR. (A'26), Chief Engineer, WADC, Akron, Ohio. For mail: 162 N. Portage Path, Akron, Ohio.
- AKAZAWA, KANETOSI (S'36), Student, Department of Physics, Faculty of Science, Osaka Imperial University, Nakanosima, Kitaku, Osaka, Japan.
- AKERMAN, BEN (A'36), Chief Engineer, WGST, Ansley Hotel, Atlanta, Ga. For mail: 547 Boulevard Pl., N.E., Atlanta, Ga.
- AKERS, WILLIAM F. (A'30), Radio Technician, Strong-Carlisle-Hammond Company, 344 Frankfort St., Cleveland, Ohio. For mail: 1242 E. 167th St., Cleveland, Ohio.
- AKIN, ROBERT M. (A'26), Director of Research, Hudson Wire Company, Water St., Ossining, N.Y. For mail: Evergreen Way, Sleepy Hollow Manor, North Tarrytown, N.Y.
- AKMENTINS, ALEKSANDERS (A'32), Chief, Central Telegraphs in Riga, Department of Posts and Telegraphs, Aspazijas bulv 15, Riga, Latvia. For mail: Rigas galvenais telegrafs, Riga, Latvia.
- AKRE, ROLAND O. (A'36), First Lieutenant Air Corps, U. S. Army, Mitchel Field, Hempstead, L.I., N.Y.
- AKUZAWA, SIRO (A'31), Engineering Department, Nippon hoso kiokai, Hibiyu park, Tokyo, Japan. For mail: 563 Fourth Street Inatukemati, Ooziku, Tokyo, Japan.
- ALBERT, ARTHUR L. (A'31), Associate Professor of Communication Engineering, Oregon State College, Corvallis, Ore.
- ALBERT, WILLIAM H. (A'36), Treasurer, Boonton Radio Corporation, Box 344, Boon-

ALB-AND

- ton, N.J. For mail: 151 Mandeville Ave., Boonton, N.J.
- ALBERTSON, FRED W.** (A'33), Attorney, Munsey Bldg., Washington, D.C.
- ALBIN, FREDERICK G.** (A'36), 909 N. Gardner St., Hollywood, Calif.
- ALBISTON, ALFRED W.** (A'35), Radio Repair and Maintenance, 27895 Hampden, Royal Oak, Mich.
- ALBRECHT, HAROLD D.** (A'31), Engineering Department, Transmitter Division, RCA Manufacturing Company, Inc., Camden, N.J. For mail: Apt. B, 246 Boyd St., Camden, N.J.
- ALBRIGHT, ROBERT B.** (A'31), Engineer, Philco Radio and Television Corporation, Ontario and C Sts., Philadelphia, Pa. For mail: 5335 Belfield Ave., Philadelphia, Pa.
- ALCOCK, ROBERT W.** (J'35), Student, California Institute of Technology, 1301 E. California St., Pasadena, Calif. For mail: 22 Dabney House, Pasadena, Calif.
- ALCORN, EARL B.** (A'32), Assistant Electrical Engineer, Union Electric Light and Power Company, 315 N. 12th Blvd., St. Louis, Mo. For mail: 3856 Flora Blvd., St. Louis, Mo.
- ALEXANDER, LOUIS** (A'26), Sales Engineer, Aerovox Corporation, 70 Washington St., Brooklyn, N.Y. For mail: 322 W. 72nd St., New York, N.Y.
- ALEXANDERSON, ERNST F. W.** (A'13-M'13-F'15), Consulting Engineer, General Electric Company, Schenectady, N.Y.
- ALFORD, HAROLD W.** (A'36), Engineer, Continental Electric Company, St. Charles, Ill. For mail: 411 S. Second St., St. Charles, Ill.
- ALKER, T. F.** (M'30), Engineer, International Toll-Cable RENEATER Station, Budapest, Hungary. For mail: I Csend ucca 22, Budapest, Hungary.
- ALLAN, ERNEST J.** (A'24), Radio Engineer, E. J. Allan and Company, Nethergate, Dundee, Scotland. For mail: 27 Cedar Rd., Brughly Ferry, Dundee, Scotland.
- ALLAN, FRANCIS S.** (A'33), Student, University of Washington, Seattle, Wash. For mail: Naches, Wash.
- ALLEN, FORREST G.** (A'30), First Lieutenant, U. S. Army, Air Corps, Director, Department of Communication, Air Corps Technical School, Chanute Field, Rantoul, Ill.
- ALLEN, GIBBERT D.** (A'31), 35 Dearborn St., Salem, Mass.
- ALLEN, HARRY E., JR.** (S'33-A'35), Junior Engineer, Jensen Radio Manufacturing Company, 6601 S. Laramie Ave., Chicago, Ill.
- ALLEN, HUGH E.** (A'23-M'31), Section Leader of Aviation Radio Engineering Section, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 1104 Kings Highway, Haddon Heights, N.J.
- ALLEN, JAMES G.** (A'28-M'31), Senior Engineer, Duquesne Light Company, 435 Sixth Ave., Pittsburgh, Pa.
- ALLEN, JOHN E.** (A'23), Chief of Tests, Pennsylvania Water and Power Company, 1611 Lexington Bldg., Baltimore, Md.
- ALLEN, JUSTUS** (A'27), Assistant Engineer, WENR, National Broadcasting Company, Downers Grove, Ill. For mail: 907 Curtis St., Downers Grove, Ill.
- ALLIS, BERT A.** (A'34), Licensed Station Operator, WSAX, Brown Radio Service and Laboratory, Taylor Bldg., Rochester, N.Y. For mail: Clarendon, N.Y.
- ALLISON, GEORGE P.** (S'35), Student, State College of Washington, Pullman, Wash. For mail: Tekoa, Wash.
- ALLMAN, FREDERICK L.** (A'35), Radio Sales Engineer, Graybar Electric Company, Richmond, Va. For mail: 1606 New Hampshire Ave., N.W., Washington, D.C.
- ALLSTON, WILLIAM F.** (A'29), Radio Engineer, Tropical Radio Telegraph Company, Box 488, Hialeah, Fla.
- ALMOND, RICHARD** (A'35), Director, Bacon and Coates, Ltd., 75 Low St., Keighley, Yorks., England. For mail: "Inglenook," Oakworth, Near Keighley, Yorks., England.
- ALONSO, JULIO** (A'24), Secretary, Consorcio de Industrias Radio Electricas (CIRE), Concha 5-1^a, Bilbao, Spain.
- ALTMAN, FREDERICK J.** (S'36), Student, Massachusetts Institute of Technology, Cambridge A, Mass. For mail: M.I.T. Dormitories, Cambridge, Mass.
- ALUSIC, JOSEPH** (A'36), 1928 Mead St., Racine, Wis.
- ALVERSON, JAMES G.** (A'26), Chief Investigator, Territory of Hawaii, Radio Commission, Capitol Bldg., Honolulu, T.H. For mail: Box 84, Honolulu, T.H.
- ALWAY, EDWIN J.** (A'36), Engineer-in-Charge, Empire Section, Overseas and Engineering Information Department, British Broadcasting Corporation, Broadcasting House, Portland Pl., London, W.1, England. For mail: 50 Canford Rd., London, S.W. 11, West Side, Clapham Common, England.
- AMBROSE, PAUL J.** (S'35), Instructor of Radio Engineering, Indiana Technical College, 221 Washington Blvd., Fort Wayne, Ind.
- AMEND, ADOLPH, JR.** (S'33), Brewster Color Film 58 First St., Newark, N.J. For mail: 268 Chestnut St., Englewood, N.J.
- AMES, EVERETT K.** (S'36), Student, University of California, Berkeley, Calif. For mail: 1265-18th Ave., San Francisco, Calif.
- AMES, JOHN T.** (A'36), Vice-President, Kay Fries Chemicals, Inc., 180 Madison Ave., New York, N.Y. For mail: Oakwood Dr., Nyack, N.Y.
- AMEY, SIDNEY H.** (A'30), Member of Technical Staff, Marconi Wireless Telegraph Company, Ltd., Marconi Works, Chelmsford, Essex, England. For mail: "Highbury," Boswell's Dr., Springfield Rd., Chelmsford, Essex, England.
- AMIOT, JULIEN L.** (A'36), Electrical Engineer, National Radio Company, Paris, France. For mail: 9 Bis rue Casimir Pinel, Neuilly, Sur Seine, Seine, France.
- AMIS, FREDERICK H.** (M'28), "Innisfree," Little Bushey La., Bushey, Herts, England.
- AMISHIMA, TUYOSI** (A'35), Radio Engineer, Ministry of Communication, Marunouti, Tokyo, Japan. For mail: Teisinsyo Komukyoku Musenka, Marunouti, Tokyo, Japan.
- AMISS, S. WALSH** (A'35), Assistant to Vice-President, Standard Fruit and Steamship Company, 1400 American Bank Bldg., New Orleans, La. For mail: Box 830 New Orleans, La.
- AMY, ERNEST V.** (A'20-M'27), President, Amy, Aceves and King, Inc., 11 W. 42nd St., New York, N.Y.
- ANAZAWA, CHUHEI** (A'25), Radio Engineer, Broadcasting Corporation of Japan, Hibiya Park, Tokyo, Japan. For mail: 302 Juniso, Yodobashi-machi, Tokyo, Japan.
- ANDERSEN, REGINALD C.** (A'36), Managing Director, Electric Transmission, Ltd., Culford Works, Kingsbury Rd., Islington, London, N. 1, England.
- ANDERSON, ADOLPH** (A'30), Junior Radio Inspector, Radio Division, U. S. Department of Commerce, Grand Island, Neb. For mail: U. S. Monitor Station, Grand Island, Neb.
- ANDERSON, ALFRED G.** (A'31), Commercial Representative, Howitt, Ltd., 34 Cumberland St., Liverpool, England. For mail: Thingwall Cottage, Broad Green Rd., Liverpool, England.
- ANDERSON, C. ALBIN** (A'31), Engineering Instructor, Lewis Institute of Technology, 1951 W. Madison St., Chicago, Ill. For mail: 108 Eighth Ave., S., St. Charles, Ill.
- ANDERSON, CLIFFORD N.** (A'19-F'34),

- Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- ANDERSON, EDWIN C. (A'20-M'35), Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 417 Shoemaker Rd., Elkins Park, Pa.
- ANDERSON, HAROLD C. (A'32), Chief Operator, KOHK, Oregon State Highway Commission, Klamath Falls, Ore. For mail: Box 701, Klamath Falls, Ore.
- ANDERSON, HERBERT L. (S'33), Student, Columbia University, New York, N.Y. For mail: Pupin Physics Laboratories, Columbia University, New York, N.Y.
- ANDERSON, HOMER G. (A'30), Engineering Department, Raytheon Manufacturing Company, Watertown, Mass. For mail: 25 Barbara Rd., Waltham, Mass.
- ANDERSON, J. SUMNER (A'30), Division Chief Operator, United Air Lines Transport Corporation, Municipal Airport, Omaha, Neb. For mail: 322 N. 37th St., Omaha, Neb.
- ANDERSON, JOHN F. (A'28), Chief Load Dispatcher, Hydro Electric Power Commission, Belleville, Ont., Canada. For mail: Box 46, Belleville, Ont., Canada.
- ANDERSON, JOHN L. D. (A'34), Television Test Staff, General Electric Company, Telephone Rd., Stoke, Coventry, England. For mail: 33, Rushams Rd., Horsham, Sussex, England.
- ANDERSON, LESLIE J. (A'35), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 337 Westmont Ave., Westmont, N.J.
- ANDERSON, LOUIS N. (A'30), Manager, All America Cables, Inc., Casilla 2336, Lima, Peru.
- ANDERSON, PIERSON A. (A'26-M'27), Manager, Police Radio Section, RCA Manufacturing Company, Inc., Camden, N.J.
- ANDERSON, ROY S. (A'36), Assistant in Acoustical Laboratory, Stromberg-Carlson Company, 100 Carlson Rd., Rochester, N.Y. For mail: 115 Merchants Rd., Rochester, N.Y.
- ANDERSON, STANLEY C. (S'36), Student, University of California, Berkeley, Calif. For mail: Route 2, Box 169, Kingsburg, Calif.
- ANDERSON, WILMER C. (A'34), Graduate Student, Jefferson Physics Laboratory and Cruft Laboratory, Harvard University, Cambridge, Mass. For mail: 34 Irving St., Cambridge, Mass.
- ANDRES, LLOYD J. (M'36), 6811 Ridgeland Ave., Chicago, Ill.
- ANDRES, PAUL G. (A'27), Chief Engineer, Electric Switch Corporation, Columbus, Ind. For mail: 1604 Franklin St., Columbus, Ind.
- ANDRESEN, SIGURD (A'30), Chief Sound Engineer, United Amusement Corporation, Ltd., 5887 Monkland Ave., Montreal, Que., Canada.
- ANDREW, VICTOR J. (A'25-M'30), Consulting Engineer, 7221 S. Francisco Ave., Chicago, Ill.
- ANDREWS, EDWARD F. (A'26), President and Engineer, Andrews-Hammond Corporation, 4369 Oakenwald Ave., Chicago, Ill.
- ANDREWS, HOWARD L. (A'29), Physicist, Emma Pendleton Bradley Home, East Providence, R.I.
- ANDREWS, LEWIS D. (A'36), Electrical Engineer, Stackpole Carbon Company, St. Marys, Pa. For mail: St. Marys, Pa.
- ANDREWS, PAUL D. (A'23-M'29), Radio Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 1754 Avenue B, Schenectady, N.Y.
- ANDREWS, RAYMOND W. (A'35), Sales-Man-Technical Advisor, Radio Equipment Corporation, Elm St., Buffalo, N.Y. For mail: 341 Prospect Ave., East Aurora, N.Y.
- ANDRIATCH, NICHOLAS D. (A'36), Service Manager, C. Kurtzmann Company, 526 Niagara St., Buffalo, N.Y. For mail: 104 Ross Ave., Buffalo, N.Y.
- ANGEVINE, OLIVER L., JR. (S'36-A'37), Telephone Laboratory, Stromberg-Carlson Telephone Manufacturing Company, 100 Carlson Rd., Rochester, N.Y. For mail: 501 Laureiton Rd., Rochester, N.Y.
- ANGUS, GEORGE W. (A'31), Division Communications Superintendent, Pan American Airways Company, Alameda Airport, Alameda, Calif.
- ANOLICK, J. O. B. (A'31), District Engineer, Princes Kinemas, Ltd., Saisoury, Southern Rhodesia, South Africa. For mail: Box 797, Saisoury, Southern Rhodesia, South Africa.
- ANSELM, SILVIO C. (A'15), Engineer-in-Chief, Radio-Suisse S.A. Berne, Hotel Principal des Postes, Berne, Switzerland. For mail: Radio-Suisse, S.A., Munchenbuchsee, Berne, Switzerland.
- ANSLEY, ARTHUR C. (A'30), President, Ansley Radio Corporation, 240 W. 23rd St., New York, N.Y.
- ANSON, CHARLES T. (A'29), Field Engineer, RCA Manufacturing Company, Inc., 1016 N. Sycamore Ave., Hollywood, Calif. For mail: 807 N. Laurel Ave., Hollywood, Calif.
- ANTHONY, A. W., JR. (A'29), President-Treasurer, Pease-Anthony Equipment Company, 30 Charles River Rd., Cambridge, Mass. For mail: 31 Horne Rd., Belmont, Mass.
- ANTONICH, PETER L. (A'31), Radio Engineer, Anaconda Radio Engineering Service Laboratory, 108 Cedar St., Anaconda, Mont.
- ANTONY, WILLIAM E. (A'36), Chief Engineer, KWKH, International Broadcasting Corporation, Box 17, Shreveport, La.
- AOYAGI, KENJI (A'34), Kogakusi, Electrical Engineering Department, Osaka Imperial University, 9-Chome, Higashinoda, Kitaku, Osaka, Japan.
- APKAR, CHARLES L. (A'26), Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 836 Knorr St., Philadelphia, Pa.
- APPEL, HENRY W. (A'29), Assistant Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 200 W. 16th St., New York, N.Y.
- APPEL, JOSEPH H., JR. (A'26), President, Appel and Henderson Electrical Communication Equipment, Inc., 485 Madison Ave., New York, N.Y. For mail: 13 Circle Rd., Scarsdale, N.Y.
- APPLE, ROBERT C. (J'33-A'34), Engineer, Jackson Electrical Instrument Company, 432 Kiser St., Dayton, Ohio. For mail: 113 Riegel St., Dayton, Ohio.
- APPLEGARTH, A. RUFUS, JR. (A'36), Junior Engineer, Television Department, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: Y.M.C.A., 5722 Green St., Germantown, Philadelphia, Pa.
- APPLEGATE, HOMER E. (A'30), Assistant Airways Radio Engineer, U. S. Department of Commerce, Bureau of Air Commerce, Box 1689, Fort Worth, Tex.
- APPLETON, EDWARD V. (A'26-F'31), Professor of Natural Philosophy, Cambridge University, Cambridge, England. For mail: 13 Madingley Rd., Cambridge, England.
- ARAKAWA, DAITARO (A'19), Radio Engineer, Komukitoku, Teishinsho, Tokyo, Japan. For mail: No. 1610, 3-chome, Ikebukuro, Toshimaku, Tokyo, Japan.
- ARAM, PHRA (M'31), Chief Radio Engineer, Radio Engineering Section, Post and Telegraph Department, Wad Mahan Rd., Bangkok, Siam.
- ARCHER, SAMUEL W. (A'36), Delco Radio Division, Kokomo, Ind.
- ARCHER, THOMAS A. (A'31), Cable Engineer, Cable and Wireless, Ltd., St. Lawrence, Christ Church, Barbados, B.W.I. For mail: "Claradon," Pine Rd., St. Michael, 22, Barbados, B.W.I.

ARG-AXT

- ARGENTO, HENRY F. (A'36), Sales Engineer, Raytheon Production Corporation, 445 Lake Shore Dr., Chicago, Ill. For mail: 3629 Pine Grove Ave., Chicago, Ill.
- ARISAKA, IWAO (A'36), 168 Zaimokuaz Kamakura, Kamakura Kanagawaken, Japan.
- ARMAGOST, HAROLD C. (A'30), 153½ N. Record St., Los Angeles, Calif.
- ARMER, AUSTIN A. (A'28), Sales Engineer, Magnavox Company, 2131 Bueter Rd., Fort Wayne, Ind. For mail: 16595 Princeton Ave., Detroit, Mich.
- ARMSTRONG, DONALD H. (A'36), International Business Machines Company, Ltd., 300 Campbell Ave., Toronto 9, Ont., Canada. For mail: 48 Jackes Ave., Toronto 5, Ont., Canada.
- ARMSTRONG, EDWIN H. (A'14-F'27), Professor of Electrical Engineering, Columbia University, New York, N.Y.
- ARMSTRONG, FRANCIS X. J. (A'27), Chief Technical Auditor, British Broadcasting Corporation, Broadcasting House, London, W. 1, England.
- ARMSTRONG, HAROLD W. (J'27-A'30), Correspondent, Allied Radio Corporation, 833 W. Jackson Blvd., Chicago, Ill. For mail: 4744½ Drexel Blvd., Chicago, Ill.
- ARMSTRONG, LAWRENCE H. (A'33), Assistant Engineer, Equipment and Transmission Department, Brazilian Telephone Company, Caixa Postal, 2835, Rio De Janeiro, Brazil.
- ARMSTRONG, RALPH W. (A'29), Junior Physicist, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- ARMSTRONG, WILLIAM M. (A'36), Glass Blower, Electronic Tube Corporation, 1200 Mermaid La., Chestnut Hill, Philadelphia, Pa. For mail: 6223 Greene St., Germantown, Philadelphia, Pa.
- ARNAUD, JEAN P. (A'35), Transradio International, San Martin 329, Buenos Aires, Argentina. For mail: Guemes 827, Vte. Lopez, F.C.C.A., Argentina.
- ARNOLD, JOHN W. (A'29), Engineering Department, Western Union Telegraph Company, 60 Hudson St., New York, N.Y.
- ARNOLD, PRESCOTT N. (A'29), Associate Physicist, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- ARNOLD, ROBERT M. (A'36), Manager, Wholesale Radio Department, Dutro's, Inc., Zanesville, Ohio.
- ARNSON, LUDWIG (M'33), President, Radio Receptor Company, Inc., 106 Seventh Ave., New York, N.Y. For mail: 370 Riverside Dr., New York, N.Y.
- ARPS, MERVIN W. (A'14-M'19-A'36), Lieutenant Commander, U. S. Navy, Navy Radio, Balboa, Canal Zone.
- ARSHINOFF, SERGE (A'34), Radio Factory, Ordgeonikidze, Bolshaja Tatarskaja, Moscow, U.S.S.R. For mail: Malii, Nikolo-Peskovskii 13 kv 9, Moscow 2, U.S.S.R.
- ARTZT, MAURICE (A'26), Engineer, RCA Manufacturing Company, RCA Victor Division, Camden, N.J.
- ARVIN, MARION J. (A'36), Service and Research Department, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 202 N. Gray St., Indianapolis, Ind.
- ASHBROOK, ROY B. (A'26), Communication Engineer, Southern California Edison Company, Third and Broadway, Los Angeles, Calif. For mail: 601 N. Mission Dr., San Gabriel, Calif.
- ASHBY, A. L. (A'31), Vice President and General Counsel, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y.
- ASSERSON, RAYMOND (M'27), 7317 Georgetown Rd., Bethesda, Md.
- ASTON, JAMES P. (A'35), Engineer, Broadcasting and Public Address Equipment Department, Northern Electric Company, Ltd., 1261 Shearer St., Montreal, Que., Canada. For mail: 792 Manning Ave., Verdun, Que., Canada.
- ASTORGA, LUCIANO T. (A'35), Serviceman, Radio Maintenance Company, 325 S. Western Ave., Los Angeles, Calif. For mail: 137 E. 30th St., Los Angeles, Calif.
- ATAKA, HIKOSABURO (A'33), Professor of Electrical Engineering, Meidi College of Technology, Tobata, Japan.
- ATKIN, ROBERT (A'29), Teacher, Applied Science and Trade Mathematics, Gompers High School, Southern Blvd. and 145th St., New York, N.Y. For mail: 66 W. Gun Hill Rd., New York, N.Y.
- ATKINS, CARL E. (J'29-A'34), Development Engineer, Sparks-Withington Company, Jackson, Mich. For mail: 609 Gilbert St., Jackson, Mich.
- ATKINSON, CYRIL T. (A'23), Head of Test Department, Gent and Company, Ltd., Faraday Works, Leicester, England. For mail: 15, Greenland Ave., Humberstone, Leicester, England.
- ATWOOD, BYRON E. (A'34), Colonial Radio Corporation, 234 Rano St., Buffalo, N.Y. For mail: 62 Crosby St., Kenmore, N.Y.
- ATWOOD, JOHN B. (A'32), Cornell University, Ithaca, N.Y. For mail: 117 N. Baker, Ithaca, N.Y.
- ATWOOD, SHERMAN (A'35), For mail: 1008 Fifth Ave., New York, N.Y.
- AUDRITSH, ZELON E. (A'36), Radio Operator, Radio Division, Indiana State Police, 42nd St. at Fairgrounds, Indianapolis, Ind. For mail: 4240 Guilford Ave., Indianapolis, Ind.
- AUERBACH, ISIDOR (A'36), Instructor in Physics, New Utrecht High School, Brooklyn, N.Y., Consultant, Rugby Consulting Laboratories, For mail: 511 E. 48th St., Brooklyn, N.Y.
- AUGHENBAUGH, WILLIAM K. (A'27), Studio Engineer, WLW-WSAI, Crosley Radio Corporation, Arlington St., Cincinnati, Ohio. For mail: 3564 Harrow Ave., Cincinnati, Ohio.
- AUGUST, NICHOLAS P. (A'36), Radio Tube Technologist, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 4 W. Fourth St., Emporium, Pa.
- AUGUSTUS, LEE M. (A'29), Engineering Student, Michigan Bell Telephone Company, Detroit, Mich. For mail: 416 Florence St., Ypsilanti, Mich.
- AULD, DAVID G. (S'35), Waite and Bartlett X-Ray Manufacturing Company, Inc., 2900 Superior Ave., Cleveland, Ohio.
- AULL, WILSON, JR. (A'17-M'27), Radio Engineer, 41 Park Row, New York, N.Y.
- AURYNGER, JOHN J. (A'30), Typist, Army Air Corps, Munitions Bldg., Washington, D.C. For mail: Box 4253, Takoma Park, D.C.
- AUSENDA, CARLO (A'36), Engineer, Compagnia Italiana Forme Acciaio, 4 Via S. Margherita, Milano, Italy.
- AUST, ROBERT J. (A'36), Engineer, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 3321½ E. 10th St., Indianapolis, Ind.
- AUSTIN, ARTHUR O. (F'30), Manufacturing Engineer, Box 109, Barberton, Ohio.
- AUSTIN, KIRBY B. (A'25), Radio Engineer, General Electric Company, Bridgeport, Conn. For mail: 34 Poplar St., Stratford, Conn.
- AUSTIN, OTTO C. (A'36), Madison Gas and Electric Company, 100 N. Fairchild, Madison, Wis. For mail: 430 W. Wilson St., Madison, Wis.
- AVERY, ROBERT D. (J'29-A'33), Chief Engineer, WDBJ, Box 150, Roanoke, Va. For mail: Decibel Towers, Box 478-B, R.F.D. 4, Roanoke, Va.
- AXTELL, HAROLD B. (A'33), Plant Staff Assistant, Southern California Telephone Company, 740 S. Olive St., Los Angeles,

- Calif. For mail: 809 Sacramento St., Altadena, Calif.
AYER, JOHN, JR. (S'36), Signal Apprentice, Pennsylvania Railroad. For mail: 22 Vernon St., West Medford, Mass.
AYER, OLIVER G. (A'36), 522 W. 134th St., New York, N.Y.
AYER, RAYMOND B. (A'26), Development Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
AYMAR, ERWIN (A'26), Chief Electrician, Cia. Minera Agua Fria, Apartado 49, Tegucigalpa, Honduras.

B

- BAART, JOHN C.** (A'24), Box 323, Portsmouth, Va.
BABCOCK, STUART M. (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., Fourth Fl., 395 Hudson St., New York, N.Y.
BABITS, VICTOR A. (A'33-M'35), Assistant Professor, University of Technical Sciences, Muegyetem, Budapest, Hungary.
BACCHINI, CESARE (A'29), Director, Allocchis Bacchini and Co., Corso Sempione 93, Milano, Italy.
BACH, ROY O. (A'19), Exchange Transmission Engineer, Pacific Telephone and Telegraph Company, 820 Fairview Ave., N., Seattle, Wash.
BACHMAN, CHARLES H. (S'32-A'35), Physicist, Hygrade Sylvania Corporation, St. Marys, Pa. For mail: 421 Parade St., St. Marys, Pa.
BACHMAN, EDWIN J. (A'36), In Charge of Radio and Refrigeration Service, Bee, Inc., 622 Linden St., Allentown, Pa. For mail: 1064 Catasaugua Rd., Fullerton, Pa.
BACHMAN, WILLIAM S. (S'32-A'36), Test Engineer, General Electric Company, Bridgeport, Conn. For mail: 169 N. Benson Rd., Fairfield, Conn.
BACKER, LYLE A. (A'34), Engineer, Federal Telegraph Company, 200 Mount Pleasant Ave., Newark, N.J.
BACKUS, CLYDE H. (A'36), Engineer-in-charge, RCA Communications, Inc., Marion, Mass.
BACKUS, CYRUS D. (A'19-M'26), Examiner, U. S. Patent Office, Washington, D.C.
BACON, CARLETON W. (S'36), Engineer, Western Electric Company, Kearny, N.J. For mail: 101 Atlantic St., Jersey City, N.J.
BACON, DANA H. (A'31), Chief Engineer, National Company, Inc., 61 Sherman St., Malden, Mass. For mail: 41 Bellington St., Arlington, Mass.
BACON, FREDERIC S., JR. (S'34), Engineering Department, Hytron Corporation, 23-27 New Derby St., Salem, Mass. For mail: 194 Lafayette St., Salem, Mass.
BACON, WALTER L. (A'36), Box 649, Pasadena, Calif.
BADENACH, ROY M. (A'34), Divisional Engineer, Chief Engineer's Branch, Postmaster-General's Department, Treasury Gardens, Melbourne, C. 2, Australia.
BAGNALL, VERNON B. (A'30), Technical Employee, Long Lines Engineering Department, American Telephone and Telegraph Company, 32 Sixth Ave., New York, N.Y.
BAILEY, ARNOLD B. (A'27), Radio Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
BAILEY, AUSTIN (A'22-M'25-F'36), American Telephone and Telegraph Company, Rm. 1711-A, 195 Broadway, New York, N.Y.
BAILEY, HOMER M. (A'34), S/S Prusa, Houston, Tex.
BAILEY, REGINALD D. (S'35), Student, University of Florida, Gainesville, Fla.
BAILEY, STUART L. (A'28-M'36), Partner, Jansky and Bailey, 924 National Press Bldg., Washington, D.C.

- BAILEY, WILLIAM B.** (A'31), Lieutenant, U. S. Navy. For mail: Postgraduate School, U. S. Naval Academy, Annapolis, Md.
BAILEY, WILLIAM F. (S'33-A'36), Engineer, Hazeltine Service Corporation, 333 W. 52 St., New York, N.Y. For mail: 197 Mountain Way, Rutherford, N.J.
BAILEY, WILLIAM M. (M'23), Chief Engineer, Industrial Division, Cornell Dubilier Corporation, South Plainfield, N.J.
BAILY, F. A. A. (A'30), Radio Engineer, Canadian Marconi Company, 173 William St., Montreal, Que., Canada. For mail: 2850 Willowdale Ave., Montreal, Que., Canada.
BAIN, GEORGE W. (A'31), Chief Engineer, Ken-Rad Corporation, Owensboro, Ky. For mail: 411 W. 13th St., Owensboro, Ky.
BAIN, JOHN C. (A'36), Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 27 Oakridge Rd., West Orange, N.J.
BAIN, JOHN R. (A'29), Vancouver Manager, Dominion Sound Equipments, Ltd., 820 Cambie St., Vancouver, B.C., Canada.
BAINBRIDGE, AUGUSTUS S. (A'35), Transmitter Tester, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 401 Maple Ave., Westmont, N.J.
BAINBRIDGE, ROBERT M. (A'36), United Air Lines, Rock Springs, Wyo.
BAINBRIDGE-BELL, LABOUCHERE H. (A'26), Air Ministry, Bawdsey Research Station, Meadow Farm, Hollesley, Suffolk, England.
BAIR, HENRY A. (A'34), Radio Tube Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 112½ W. Fifth St., Emporium, Pa.
BAIR, RALPH S. (A'21-M'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
BAIRD, HOLLIS S. (A'36), Chief Engineer, World Wide Broadcasting Corporation, University Club, Boston, Mass. For mail: 70 Brookline Ave., Boston, Mass.
BAIRD, WILLIAM R. (A'33), Radio Technician, Amalgamated Wireless, Australasia, Ltd., Wireless House, York St., Sydney, Australia.
BAKER, CARL I. (M'31), Department Chief, Vacuum Tube Shop, Western Electric Company, Inc., 395 Hudson St., New York City. For mail: Pearl River, N.Y.
BAKER, I. R. (M'35), Manager, Transmitter Sales, RCA Manufacturing Company, Inc., Camden, N.J. For mail: Apt. A-401, Haddonfield Manor, 2 Linden Ave., Haddonfield, N.J.
BAKER, JAMES M. (A'36), Production Engineer, Noblitt Sparks Industries, Columbus, Ind. For mail: 2208 California St., Columbus, Ind.
BAKER, RHEA W. (A'36), Office Engineer, City of Atlanta, City Hall, Atlanta, Ga. For mail: 69 Linden Ave., N.W., Atlanta, Ga.
BAKER, THOMAS S. (A'29), Superintendent of Radio Construction, United States Signal Corps, U. S. Army, Munitions Bldg., Washington, D.C. For mail: Apt. 603, 1808 Connecticut Ave., Washington, D. C.
BAKER, WALTER R. G. (A'19-F'26), Managing Engineer, Radio Division, General Electric Company, Bridgeport, Conn.
BALCH, JOHN A. (M'17), President, Mutual Telephone Company, Box 2200, Honolulu, T.H.
BALDWIN, ARTHUR V. (M'36), Test Engineer, Life Test Department, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 502 E. Alleghany Ave., Emporium, Pa.
BALDWIN, CHARLES O. (A'31), Superintendent, Philco Products, Ltd., 1244 Dufferin St., Toronto, Ont., Canada. For mail: 64 Castlewood Rd., Toronto, Ont., Canada.
BALDWIN, JOHN M. (A'26), Chief Engineer,

BAL-BAR

- KDYL, Ezra Thompson Bldg., Salt Lake City, Utah.
- BALDWIN, ROBERT S. (A'31), Radio Technician, KFRC, 1000 Van Ness Ave., San Francisco, Calif.
- BALIGA, BANTVAL V. (A'35), Assistant Engineer, All India Radio, Transmitting Station, King's Way, Delhi, India. For mail: 27, Mall Rd., Old Delhi, India.
- BALL, GEORGE F. (A'26), Colonial Civil Servant, Government of Kenya, Uganda, and Tanganyika, East Africa. For mail: Airways Wireless Station, Mbeya, Tanganyika, East Africa.
- BALL, IRL D. (A'19), Radio Inspector, Federal Communications Commission, Frequency Monitoring Station, Great Lakes, Ill. For mail: 330 Burton Ave., Waukegan, Ill.
- BALLANTINE, STUART (A'16-F'28), President, Ballantine Laboratories, Inc., Boonton, N.J.
- BALLENTINE, EDWIN C. (A'25-M'29), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 132 W. Maple Ave., Moorestown, N.J.
- BALLING, ALFRED W. (A'26), Transmitter Supervisor, WHAM, Victor, N.Y. For mail: 106 Astor Dr., Brighton, N.Y.
- BALSLEY, JAMES R. (A'26), President, Balsley and Phillips, Inc., Hollywood, Calif. For mail: 5 Prospect Pl., New York, N.Y.
- BANCA, M. C. (A'35), Electronic Research, RCA Manufacturing Company, Inc., Camden, N.J. For mail: Evesham Ave., Magnolia, N.J.
- BANFER, KARL J. (A'32), Vice President and General Manager, Sound Systems, Inc., 6545 Carnegie Ave., Cleveland, Ohio. For mail: 1014 Lakeview Rd., Cleveland Ohio.
- BANFI, ALESSANDRO (A'29), Chief Engineer, Italian Broadcasting Company, Corso Francia 80, Torino, Italy.
- BANGS, PHILIP C. (A'18), Owner and Manager, Acoustic Equipment Company, 441 Courtland St., Atlanta, Ga. For mail: 210 Drexel Ave., Decatur, Ga.
- BANKER, J. RICHARD (S'36), Instructor, Department of Electrical Engineering and Physics, Rensselaer Polytechnic Institute, Russel Sage Laboratory, Troy, N.Y.
- BANKS, CHARLES R. (A'31), Test Specification Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 107 E. Holly Ave., Oaklyn, N.J.
- BARANOVSKY, CYRIL (S'35), Engineer, J. R. Longstaffe, Ltd., 187 Duchess St., Toronto, Ont., Canada. For mail: 614 Huron St., Toronto, Ont., Canada.
- BARBER, ALFRED W. (A'31), Consulting Engineer, 35-33-172nd St., Flushing, L.I., N.Y.
- BARBIER, WALTER H. (S'35), Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 3416 Haverford Ave., Philadelphia, Pa.
- BARBULESCO, CONSTANTIN D. (M'27), Radio Engineer, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio. For mail: 343 Greenmount Blvd., Dayton, Ohio.
- BARD, HOWARD B., JR. (S'35), Junior Engineer, General Electric Company, Bridgeport, Conn. For mail: 245 Palasade Ave., Bridgeport, Conn.
- BARBISS, MAX (M'31), Tube Design Engineer, Tung-Sol Lamp Works, Inc., Newark, N.J. For mail: Box 94, 46 Lincoln Ave., Livingston, N.J.
- BARGELLINI, PIER L. (S'36), Student, Royal Institute for Engineers, Corso Massimo d'Argelio, Turin, Italy. For mail: Via Pisana 16, Florence, Italy.
- BARHYDT, CHARLES R. (A'33), Electrical Engineer, General Electric Company, Bridgeport, Conn. For mail: 80 Astoria Ave., Bridgeport, Conn.
- BARKHAUSEN, HEINRICH (A'26-F'30), Professor, Technische Hochschule, Dresden-A, 24, Helmholtzstr. 9, Germany.
- BARKLEY, HOWARD F. (A'25), Engineer, Pearson Laboratories and Housatonic Water Company, Great Barrington, Mass. For mail: 132 Castle St., Great Barrington, Mass.
- BARKLEY, WILLIAM J. (M'29), Vice President and General Sales Manager, Collins Radio Company, Cedar Rapids, Iowa. For mail: c/o Collins Radio Company, 11 W. 42nd St., New York, N.Y.
- BARLOW, DICK S. (A'36), Staff of Carrier Frequency Department, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 5 W. 63rd St., New York, N.Y.
- BARLOW, ROY G. (A'36), R.F.D. 1, Box 387, Rivera, Calif.
- BARLOW, WILLIAM A. (S'36), Student, Rutgers University, New Brunswick, N.J. 49 Canover Ave., Nutley, N.J.
- BARNARD, ROY M. (A'31), Development Engineer, Standard Telephones and Cables, Ltd., Connaught House, Aldwych, W.C. 2, England. For mail: 175 St. Pauls Ave., Kenton, Middx., England.
- BARNES, JAMES C. (A'36), Engineer, Associated Press, 383 Madison Ave., New York, N.Y. For mail: 52 Stevens St., White Plains, N.Y.
- BARNES, JOHN L. (A'27), Assistant Professor of Mathematics, Tufts College, Medford, Mass. For mail: 132 Brookings St., Medford, Mass.
- BARNES, ROBERT B. (S'32-A'33), Engineer, Mackay Radio and Telegraph Company, Palo Alto Transmitting Station, Palo Alto, Calif. For mail: 812 Brewster Ave., Redwood City, Calif.
- BARONE, SALVATORE A. (J'16-A'19), 290 Rose St., Freeport, L.I., N.Y.
- BARRAGAN, MILO B. (A'31), Captain, U. S. Army, 118 Starr St., San Antonio, Tex.
- BARRON, JOHN H. (M'29), Consulting Radio Engineer, 655 Earle Bldg., Washington, D.C.
- BARROW, FREDERICK A. (A'23), Designing Engineer, Canadian Marconi Company, 66 Wicksteed Ave., Mount Royal, Que., Canada. For mail: 4531 Marciel Ave., Montreal, Que., Canada.
- BARROW, WILMER L. (A'28), Assistant Professor of Electrical Communications, Massachusetts Institute of Technology, Cambridge, Mass.
- BARTELINK, E. H. B. (A'29), General Engineering Laboratory, General Electric Company, 1 River Rd., Schenectady, N.Y.
- BARTHOLOMEW, LAWRENCE (A'32), Salesman, Shirar-Young Company, 2100 Broadway, Oakland, Calif. For mail: 2012 Francisco St., Berkeley, Calif.
- BARTLETT, A. C. (A'29), Royal Aircraft Establishment, South Farnborough, Hants, England.
- BARTLETT, CLARK O. (S'34), Graduate Student, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. For mail: 737 Hill Ave., Wilkesburg, Pa.
- BARTLETT, MILLARD C. (A'26), Service Parts Manager, Trilling and Montague, Walnut at 24th St., Philadelphia, Pa. For mail: 6911 Cedarpark Ave., Philadelphia, Pa.
- BARTOLF, HENRY P. (A'36), Box 9A, R.F.D. 3, Lakewood, N.J.
- BARTON, CHARLES G. (A'32), Assistant Airways Keeper, U. S. Department of Commerce, U. S. Airways Station, Beowawe, Nev.
- BARTON, FREDERICK S. (F'35), Principal Technical Officer, British Air Ministry, Royal Aircraft Establishment, South Farnborough, Hants, England. For mail: Overdale Crowthorne, Berks., England.
- BARTON, JAMES P. (A'32), Sales Engineer, Sheet Division, Carnegie-Illinois Steel Corporation, Carnegie Bldg., Pittsburgh, Pa. For mail: 438 Sulgrave Rd., Chatham Village, Pittsburgh, Pa.
- BARTON, LOY E. (M'29), Philco Radio and Television Corporation, Tioga and C Sts.,

- Philadelphia, Pa. For mail: 113 E. Stile Ave., Collingswood, N.J.
- BASCOM, EDWARD R.** (A'35), Assistant Professor of Physics, Wayne University, Detroit, Mich. For mail: 12731 Marlowe, Detroit, Mich.
- BASHAM, RAY** (A'35), Student in Electrical Engineering, 321 S. Shaw St. Richmond, Mo.
- BASHENOFF, VALERIAN I.** (M'27), Chief of Radio Section, Professor, Central Aero-Hydrodynamical Institute in the Name of Professor Joukowski, Oulitzka Radio, 17, Moscow, U.S.S.R. For mail: Maschkoff, per 1. lodg. 31, Moscow, U.S.S.R.
- BASSETT, ETHAN D.** (A'36), Engineer, F. W. Sickles Company, 300 Main St., Springfield, Mass. For mail: 61 Mountainview St., Springfield, Mass.
- BASSFORD, SYDNEY W., JR.** (A'36), Engineer, WCAO, Monumental Radio Company, 811 W. Lanvale St., Baltimore, Md. For mail: 3311 Rueckert Ave., Baltimore, Md.
- BATCHELDER, LAURENCE** (A'29), Engineer, Submarine Signal Company, 160 State St., Boston, Mass. For mail: 22 Chauncy St., Cambridge, Mass.
- BATCHELLER, ARTHUR** (A'14-M'20), Inspector-in-Charge, District 2, Federal Communications Commission, Rm. 1024, Federal Bldg., 641 Washington St., New York, N.Y.
- BATCHELOR, JOHN C.** (A'32), Consultant, 100 E. 42nd St., New York, N.Y.
- BATCHER, RALPH R.** (A'18-M'22), Consultant, Allen D. Cardwell Manufacturing Corporation, 81 Prospect St., Brooklyn, N.Y. For mail: 113-35-198th St., St. Albans, L.I., N.Y.
- BATEMAN, FRANK M.** (A'36), Student Engineer, Hygrade Sylvania Corporation, Emporium, Pa.
- BATES, CLIFFORD W.** (A'29), Advertising Division, Leeds and Northrup Company, 4901 Stenton Ave., Philadelphia, Pa. For mail: 403 N. Narberth Ave., Narberth, Pa.
- BATES, JOHN F., JR.** (A'36), Lieutenant Commander, U. S. Navy (retired), For mail: 1650 Harvard St., N.W., Washington, D.C.
- BATSEL, MAX C.** (A'21-F'27), Division Manager, RCA Manufacturing Company, Inc., Camden, N.J.
- BATTS, ROBERT L.** (A'36), Radio Captain, Indianapolis Police Department, 33-37 S. Alabama St., Indianapolis, Ind.
- BAUDINO, JOSEPH E.** (A'36), Plant Manager, KDKA, Westinghouse Electric and Manufacturing Company, Grant Bldg., Pittsburgh, Pa.
- BAUER, BRUNTON** (A'29), Engineer, Export Laboratory, Philco Radio and Television Corporation, Ontario and C Sts., Philadelphia, Pa. For mail: 401 W. Mt. Airy Ave., Philadelphia, Pa.
- BAUER, FRITZ** (A'28), Chief Engineer, KWTO-KGBX, Springfield, Mo. For mail: 601 S. Weller Ave., Springfield, Mo.
- BAUER, HOWARD G.** (A'36), Laboratory Assistant, Rudolph Wurlitzer Company, North Tonawanda, N.Y. For mail: 48 Fremont St., Tonawanda, N.Y.
- BAUER, PAUL S.** (P'20-A'26), Treasurer, North Shore News Company, Rear 54 Exchange St., Lynn, Mass.
- BAUM, DWIGHT C.** (S'36), Student, Cornell University, Ithaca, N.Y. For mail: 5001 Goodridge Ave., Riverdale-on-Hudson, N.Y.
- BAUMANN, KARL** (A'32), Chief Engineer, Hofrela A. G., Uraniastrasse 9, Zurich, Switzerland.
- BAUMGARTEN, FRANK A.** (A'36), General Manager, Tri-State Radio Equipment Company, 403 Penn Ave., Pittsburgh, Pa. For mail: 6373 Burchfield Ave., Pittsburgh, Pa.
- BAUNACH, EDWARD L.** (J'26-A'29), 102 Central Ave., Box 473, Massapequa, L.I., N.Y.
- BAXENDALE, JOHN** (A'31), Sound Engineer and Radio Technician, 532 Manukau Rd., Epsom, Auckland, New Zealand.
- BAXTER, CHARLES** (M'33), Consulting Engineer, 20 St. Marys Rd., East Molesey, Surrey, England.
- BAXTER, DADY C.** (A'36), Baxter Lodge, 27 Hill Rd., Bandra, Bombay 20, India
- BAXTER, HENRY W.** (A'31), Research, British Electrical and Allied Industries Research Association, 15 Savoy St., Strand, London, W.C. 2, England. For mail: 44 Audrey Gardens, North Wembley, Middx., England.
- BAYLEY, ALLAN K.** (S'32-A'35), Instructor, Radio College of Canada, 863 Bay St., Toronto, Ont., Canada. For mail: 338 Sackville St., Toronto, Ont., Canada.
- BAYLEY, CHARLES J.** (A'32), Proprietor, Bayley's, 61 High St., Uxbridge, Middx., England.
- BAYLOR, A. DONALD** (A'36), Engineer, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio. For mail: Box 403B, R.R.4, Cincinnati, Ohio.
- BAYLY, BENJAMIN DE F.** (M'34), Assistant Professor, Department of Electrical Engineering, University of Toronto, Toronto, Ont., Canada.
- BEACH, ARTHUR R.** (A'36), Radio Engineer, Hawaiian Department Signal Corps, U. S. Army, Fort Shafter, Honolulu, T. H. For mail: 908-16th Ave., Honolulu, T.H.
- BEAKES, WILLIAM E.** (A'14-M'14), Vice-President and General Manager, Tropical Radio Telegraph Company, 1 Federal St., Boston, Mass.
- BEAL, RALPH R.** (A'15), Research Supervisor, Radio Corporation of America, 30 Rockefeller Plaza, New York, N.Y. For mail: 26 E. 93rd St., New York, N.Y.
- BEAN, LESLIE P. R.** (M'36), Chairman of Directors and Managing Director, Stromberg-Carlson, Australasia, Ltd., 124 Bourke Rd., Alexandria, Sydney, N.S.W., Australia. For mail: Box 3971 V, Sydney, N.S.W., Australia.
- BEAN, NORMAN S.** (A'36), Research Department (Television), Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 28 Rockhill Rd., Bala-Cynwyd, Pa.
- BEARD, CHARLES E.** (A'35), Planning Engineer, Western Electric Company, Hawthorne Station, Chicago, Ill. For mail: 5308 Cumnor Rd., Downers Grove, Ill.
- BEARD, DONALD C.** (A'35), Lieutenant, U. S. Navy. For mail: Radio Material School, Naval Research Laboratory, Bellevue, Anacostia, D.C.
- BEARD, RAIT G.** (A'36), Sales Inspector, S. A. Philips Party, Ltd., United Bldgs., Rissik St., Johannesburg, South Africa. For mail: Box 5435, Johannesburg, South Africa.
- BEASLEY, IRA E.** (A'19), Technician, Department of Biophysics, Cleveland Clinic Foundation, Euclid Ave. at E. 93rd St., Cleveland, Ohio. For mail: 13515 Graham Rd., East Cleveland, Ohio.
- BEAULIEU, WILLIAM R.** (A'34), Engineer, CKAC, St. Hvacinthe, Que., Canada.
- BECHLER, WILLIAM C. JR.** (A'28), Associate Radio Engineer, U. S. Navy Yard Philadelphia, Pa. For mail: Radio Material Office, Bldg. 24, Philadelphia, Pa.
- BECK, ALFRED C.** (A'30) Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Box 107, Red Bank, N.J.
- BECK, ARNOLD H. W.** (S'36), Student Research Worker, University College, London, Gower St., London, W.C. 1, England. For mail: 130 Hamilton Ter., London, N.W. 8, England.
- BECKEN, EUGENE D.** (S'32-A'35), Radio Engineer, RCA Communications, Inc., 66

BEC-BER

- Broad St., New York, N.Y. For mail: 663-71st St., Brooklyn, N.Y.
- BECKMANN, ADOLF** (A'32), Process Engineer, Radio Department, General Electric Company, Bridgeport, Conn.
- BEDFORD, ALDA V.** (A'31), Television Research Engineer, RCA Manufacturing Co., Inc., RCA Victor Division, Camden, N.J. For mail: 118 E. Palmer Ave., Collingswood, N.J.
- BEDFORD, LESLIE H.** (M'34), Research Department, A. C. Cossor, Ltd., Highbury Grove, London, N. 5, England. For mail: 41 Litchfield Way, London, N.W. 11, England.
- BEBBE, RALPH D.** (S'36), Student, City and Guilds Engineering College, Exhibition Rd., London, S.W. 7, England. For mail: 24, Shepherds Bush Green, London, W. 12, England.
- BEEGLE, DAVID H.** (S'35), Student, Drexel Institute, 32nd and Chestnut Sts., Philadelphia, Pa. For mail: 219 Thomas Ave., Riverton, N.J.
- BEEB, RAYMOND M.** (A'25), Proprietor, The Radio Shop, 403 W. Third St., Little Rock, Ark. For mail: 5117 Q St., Little Rock, Ark.
- BEER, HORACE G.** (A'31), Executive Engineer, General Post Office, Post Office Research Station, Dollis, Hill, London, N.W. 2, England.
- BEER, RICHARD M.** (A'31), Plant Appraisal, Chesapeake and Potomac Telephone Company of West Virginia, 816 Lee St., Charleston, W.Va. For mail: 236-15th Ave., Columbus, Ohio.
- BEERS, G. LISLE** (A'27-M'29), RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 119 Summerfield Ave., Collingswood, N.J.
- BEEHAM, ROBERT B.** (S'34-A'36), Radio Engineer, Collins Radio Company, 2920 First Ave., East, Cedar Rapids, Iowa. For mail: 137-29th St., Dr. S.E., Cedar Rapids, Iowa.
- BEGGS, JAMES E.** (A'36), Vacuum Tube Engineer, General Electric Company, Schenectady, N. Y. For mail: 345 Glen Ave., Scotia, N.Y.
- BEHNER, HERBERT C.** (A'16-M'25), Lieutenant Commander, U. S. Navy, U.S.S. *Yorktown*. For mail: Newport News, Va.
- BEHR, FRANCIS J.** (A'13-M'13-F'20), Colonel, U. S. Army, Chief, P. R. H. R. Loan Section, Division of Territories and Island Possessions, Department of Interior, Federal Bldg., San Juan, P.R. For mail: Box 289, San Juan, P.R.
- BEHR, LEO** (A'35), 10 Harvey St., Philadelphia, Pa.
- BEHRINGER, DORSEY S.** (S'36). For mail: 74 Sycamore Ave., Mill Valley, Calif.
- BEINS, JOHN K.** (A'35), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BELL, A. LE ROY** (A'34), 2314 Hansen Ave., Racine, Wis.
- BELL, JAMES S.** (S'33-A'35), Test Engineer, Philadelphia Storage Battery Company, Tioga and C Sts., Philadelphia, Pa. For mail: 35 E. Haines St., Germantown, Philadelphia, Pa.
- BELL, RICHARD A.** (A'30), Radio Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 5302 Knox St., Philadelphia, Pa.
- BELLEVILLE, LOGAN M.** (J'29-A'30), Junior Radio Engineer, U. S. Forest Service, Portland, Ore. For mail: 236 S. E. 32nd Ave., Portland, Ore.
- BELLOR, WILLIAM F.** (A'35), Meter Inspection, Radio Servicing, Rochester Gas and Electric Corporation, 89 East Ave., Rochester, N. Y. For mail: 186 Dorsey Rd., Rochester, N.Y.
- BEMIS, ISABEL S.** (A'31). For mail: 431 N. Walnut St., East Orange, N.J.
- BENDER, LOUIS B.** (M'23), Director of Research and Development, U. S. Army Signal Corps, 3435 Munitions Bldg., Washington, D.C. For mail: 7100 Chestnut St., N.W., Washington, D. C.
- BENFER, ELBERT L.** (A'36), Radio Staff Sergeant, U. S. Army, Fort Sheridan, Ill.
- BENGE, JAMES R.** (A'29), Technical Sales Representative, 454 E. Church La., Philadelphia, Pa.
- BENHAM, WILFRED E.** (A'33), Section Leader, Transmitter Laboratory, The Plessey Company, Ltd., Vicarage La., Ilford, Essex, England.
- BENIN, ZOLOMON** (A'29), Chief Engineer, Halson Radio Manufacturing Corporation, 120 E. 16th St., New York, N.Y. For mail: 84 Romaine Ave., Jersey City, N.J.
- BENIOFF, HUGO** (J'20-A'20), Physicist, Carnegie Institution of Washington, Seismological Laboratory, Pasadena, Calif. For mail: R. 1, Box 55, La Canada, Calif.
- BENJAMIN, MOISES** (A'36), Supervisor of Workshops Methods, United River Plate Telephone Company, Rivadavia 1197, Buenos Aires, Argentina.
- BENKELMAN, GLEN F.** (A'28), Secretary and Treasurer, Continental Carbon, Inc., 13900 Lorain Ave., Cleveland, Ohio.
- BENNER, HAROLD S.** (A'27), Radio Operator, Standard Oil Company of New Jersey, Marine Department, Rm. 2300, 30 Rockefeller Plaza, New York, N. Y. For mail: 2518 North Gratz St., Philadelphia, Pa.
- BENNETT, EDWARD** (M'17-F'18), Engineering Bldg., University of Wisconsin, Madison, Wis.
- BENNETT, GORDON S.** (A'30), Radio and Carrier Supervisor, Communications Department, Canadian Pacific Railway, 204 Hospital St., Montreal, Que., Canada. For mail: 155 Westminster Ave., N., Montreal West, Que., Canada.
- BENNETT, JAMES S.** (A'36), Owner, J. S. Bennett, Radio Sales and Service, 410 New Britain Ave., Hartford, Conn.
- BENNETT, MILLS T.** (A'36), Radio Operator, WHK, Radio Air Service Corporation, 1311 Terminal Tower, Cleveland, Ohio. For mail: 7816 Brookside Rd., Brecksville, Ohio.
- BENNETT, PHILIP A.** (A'36), Owner, P. A. Bennett, 56 C St., Buffalo, N.Y.
- BENNETT, RAWSON** (A'36), Lieutenant, U. S. Navy, c/o Department of N. S. and T., University of California, Berkeley, Calif.
- BENNETT, RICHARD G.** (A'36), Radio Technician, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 330 E. Third St., Emporium, Pa.
- BENNINGTON, THOMAS W.** (A'36), Engineer, Overseas and Engineering Information Department, British Broadcasting Corporation, Broadcasting House, London W. 1, England. For mail: 67 Kingshill Dr., Kenton, Middx., England.
- BENSLEY, JOHN T.** (J'36), 7137 McPherson Blvd., Pittsburgh, Pa.
- BENSON, FRANCIS S.** (A'28), Assistant Engineer, Department of Engineering, Pacific Gas and Electric Company, 245 Market St., San Francisco, Calif.
- BENSON, STANLEY E.** (A'33), Police Radio Engineer, United American Bosch Corporation, 3664 Main St., Springfield, Mass. For mail: 25 Bircham St., Springfield, Mass.
- BENT, ARTHUR E.** (A'31), Box 295, Exeter, N.H.
- BENZON, C. GEORGE** (A'30), Assistant Communications Maintenance Supervisor, Fourth Air Navigation District, U. S. Department of Commerce, Bureau of Air Commerce, Box 1689 Fort Worth, Tex.
- BERANEK, LEO L.** (S'36), Graduate School of Engineering, Harvard University, Cambridge, Mass. For mail: 48 Irving St., Cambridge, Mass.
- BERCHÉ, PAUL** (A'29), Directeur *Moniteur de la Radio*, Société des Publications Radio-

- électriques et Scientifiques, 742 rue Mont-maire, Paris 11^e, France. For mail: 7 Place Péreire, Paris XVII, France.
- BERG, ARTHUR A. E. (A'36)**, Service Manager, The Mathes Company, 300 Calhoun St., Fort Worth, Tex.
- BERGER, HENRY C. (A'36)**, Radio Service, 29 Prospect St., Passaic, N.J. For mail: 33 Pennington Ave., Passaic, N.J.
- BERHALTER, JOSEPH J. (A'30)**, Statistical Staff, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y. For mail: 303 W. 80th St., New York, N.Y.
- BERKNER, LLOYD V. (A'26-M'34)**, Physicist, Department of Terrestrial Magnetism, Carnegie Institution of Washington, 5241 Broad Branch Rd., Washington, D.C. For mail: 201 Raymond St., Chevy Chase, Md.
- BERNAERT, ANDRE L. J. (A'35)**, Assistant Chief, Belgian Broadcasting Stations, Belgian National Broadcasting Institute, Bovenberg, Velthem, Belgium. For mail: Villa de la Montagne, Velthem, Belgium.
- BERNARD, JAMES L., JR. (A'35)**, President and Secretary, Communication Products, Inc., 245 Custer Ave., Jersey City, N.J.
- BERNSTEIN, CARLOS M. (A'33)**, Special Investigator, U. S. Government, Washington, D.C. For mail: 1539 E. 48th St., Brooklyn, N.Y.
- BERNSTEIN, HENRY E. (A'35)**, Lieutenant, U. S. Navy, U.S.S. *Lexington*, c/o Postmaster, Long Beach, Calif.
- BERNSTEIN, JERRY R. (S'36)**, Student, Purdue University, West Lafayette, Ind. For mail: 137 Cary Hall, East, West Lafayette, Ind.
- BERTRAM, SIDNEY (A'36)**, Student, California Institute of Technology, 1301 E. California St., Pasadena, Calif. For mail: Ricketts House, California Institute of Technology, Pasadena, Calif.
- BESHGETOOR, RAY V. (A'35)**, Managing Director, RCA Victor, Argentina, Inc., Bartolome Mitre 1976, Buenos Aires, Argentina.
- BESHORE, PAUL S. (A'36)**, President and Engineer, Tinytone Radio Corporation, Kearney, Neb.
- BEST, THOMAS A., JR. (A'36)**, Inspector, Rudolph Wurlitzer Company, Niagara Falls Blvd., North Tonawanda, N.Y. For mail: 369 Kohler St., Tonawanda, N.Y.
- BETHENOD, J. F. J. (A'17)**, 15 Rue Michel-ange, 16E, Paris, France.
- BETTS, PHILANDER H. (A'23)**, Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BEUGEN, ARTHUR A. (A'36)**, Junior Radio Engineer, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- BEUSMAN, ROBERT M. (A'29)**, Manager, Western Division, Radio Condenser Company, 4447 Armitage Ave., Chicago, Ill. For mail: 4023 N. Pittsburgh Ave., Chicago, Ill.
- BEVERAGE, HAROLD H. (A'15-M'26-F'28)**, Chief Research Engineer, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- BEVERIDGE, JOHN A. (M'36)**, Engineer-in-Charge, British Broadcasting Corporation, Stagshaw Transmitting Station, Whittington-on-Tyne, Northumberland, England. For mail: 8, Cluny Dr., Edinburgh, Scotland.
- BEVITT, WILLIAM D. (A'28)**, Inspection Department, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 1421 Arch St., Philadelphia, Pa.
- BEWICK, WILLIAM (A'36)**, Executive Engineer, British Post Office, Sectional Engineer, 7 Stoneleigh Ter., Coventry, England. For mail: 18 Fletchamstead Highway, Kenilworth Rd., Coventry, England.
- BHARUCHA, JAMSHED H. (A'36)**, 12, S. Petty Staff Lines, Poon, India.
- BIBER, L. R. (A'35)**, Vice President and Chief Engineer, Recotone Corporation, 178 Prince St., New York, N.Y. For mail: 10 E. 40th St., New York, N.Y.
- BIDLACK, CECIL S. (A'35)**, Technical Supervisor, WOSU, Ohio State University, Columbus, Ohio. For mail: 1502 Belmont Ave., Columbus, Ohio.
- BIEBESHEIMER, WILLIAM B. (S'35)**, Student, Purdue University, Lafayette, Ind. For mail: 927 Orchard St., Toledo, Ohio.
- BIERNACKI, FRANK L. (A'36)**, Laboratory Assistant, United American Bosch Corporation, 3664 Main St., Springfield, Mass. For mail: 22 Chatham St., Chicopee Falls, Mass.
- BIEVER, FRED H. (A'26)**, Manager, Backus Novelty Company, Smethport, Pa. For mail: 707 W. Water St., Smethport, Pa.
- BIGGAR, RALPH A. (A'36)**, Radio Engineer, Stromberg-Carlson Telephone Manufacturing Company, 100 Carlson Rd., Rochester, N.Y. For mail: 115 Allendale St., Rochester, N.Y.
- BIGGS, ORICK H. (A'34)**, Electrical Engineer, Hygrade Sylvania Corporation, 60 Boston St., Salem, Mass. For mail: 56 Colon St., Beverly, Mass.
- BINGLEY, FRANK J. (A'34-M'36)**, Television Engineer, Philco Radio and Television Company, Tioga and C Sts., Philadelphia, Pa. For mail: 438 W. Durham St., Mount Airy, Philadelphia, Pa.
- BINNS, JOHN R. (A'26)**, Vice President and Treasurer, Hazeltine Corporation, 15 Exchange Pl., Jersey City, N.J. For mail: 333 W. 52nd St., New York, N.Y.
- BINYON, BASIL (A'14-M'14)**, Director and Technical Consultant, Marconi International Marine Communication Company, Electra House, Victoria Embankment, London, W.C. 2, England. For mail: Hawthorndene, Hayes, Kent, England.
- BIRCH, ALBERT (A'36)**, Senior Maintenance Engineer, British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: "Avondale" 153 Bo'ness Rd., Grangemouth, Stirlingshire, Scotland.
- BIRD, C. H. R. (A'30)**, Engineer, Canadian Marconi Company, Yamachiche, Que., Canada.
- BIRD, ROBERT J. (M'29)**, Engineer-in-Charge, British Broadcasting Corporation, Westerglen, Falkirk, Scotland.
- BIRLENBACH, SCRIBNER (A'36)**, Vice President, Griffith, Wagenseller, and Durst, 626 S. Spring St., Los Angeles, Calif. For mail: 906 S. Shenandoah Ave., Los Angeles, Calif.
- BISER, MARK H. (A'35)**, Chief Instructor, Capitol Radio Engineering Institute, Riggs Bank Bldg., Washington, D.C.
- BISHOP, NATHANIEL (A'26)**, Radio Sales Engineering Department, General Electric Company, Bridgeport, Conn. For mail: 301 Park Pl., Bridgeport, Conn.
- BITTER, A. ROMEYN (A'26)**, Instructor of Radio, Woodward High School, 600 E. Streicher St., Toledo, Ohio.
- BIVER, CARL J. (A'29)**, Commercial Engineer, Ken-Rad Tube and Lamp Corporation, Owensboro, Ky. For mail: 1628 Walnut St., Owensboro, Ky.
- BLACK, DONALD M. (A'30)**, Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BLACK, K. CHARLTON (M'29)**, Engineer, Bell Telephone Laboratories, Inc., Rm. 1301, 180 Varick St., New York, N.Y.
- BLACK, LEONARD J. (A'31)**, Instructor in Electrical Engineering, University of California, Berkeley, Calif. For mail: 243-30th St., Oakland, Calif.
- BLACK, W. LINDSAY (M'36)**, Member of Technical Staff, Bell Telephone Laboratories, Rm. 905, 180 Varick St., New York, N.Y.
- BLACKBURN, JOHN F. (A'29)**, Consulting Physicist, 1719 N. Gardner St., Hollywood, Calif.
- BLACKBURNE, A. F. NORMAN (A'35)**, 19, Sea Road, Rexhill-on-Sea, Sussex, England.
- BLACKMAR, ABEL E., JR. (A'24)**, Attorney-at Law, Sheffield and Betts, 27 Cedar St., New York, N.Y.

- BLACKWELL, OTTO B.** (M'20-F'28), Manager of Staff Departments, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BLANC, VICTOR** (A'31), 654 Bergen Ave., Jersey City, N.J.
- BLANCHARD, DWIGHT E.** (A'36), Radio Engineer, United American Bosch Corporation, Main St., Springfield, Mass. For mail: 266 Locust St., Springfield, Mass.
- BLANCHARD, HENRY P.** (S'34), Student, Stanford University, Stanford University, Calif. For mail: Box 2173, Stanford University, Calif.
- BLASI, EMMANUEL A.** (A'36), Junior Engineer, Lear Developments, Inc., 125 W. 17th St., New York, N.Y. For mail: Apt. 4 B, 172 Myrtle Blvd., Larchmont, N.Y.
- BLASTER, HERBERT E.** (A'32), Engineer, Southern California Telephone Company, 740 S. Olive St., Los Angeles, Calif. For mail: 2802 W. Avenue 32, Los Angeles, Calif.
- BLEIL, FRANK J.** (S'32-A'35), Radio Engineer, The Daven Company, 158-160 Summit St., Newark, N.J. For mail: 124 Redwood Ave., Paterson, N.J.
- BLESS, ROBERT H.** (J'34), Radio Technician, J. C. Hawkin's Electric Shop, 80 Maryland Ave., Hyattsville, Md. For mail: Waterbury, Md.
- BLETT, E. BARTON** (A'30), Manager, Automatic Sound Systems, Inc., 3902 Elm St., Dallas, Tex. For mail: 3608 Swiss Ave., Dallas, Tex.
- BLINKHORN, KEITH** (A'36), Radio Technician, H. J. Buckley, 263 Pine St., Durban, South Africa. For mail: 107 Manning Rd., Durban, South Africa.
- BLITCH, JAMES D.** (A'26), Manager, Blitch Radio Service, Statesboro, Ga. For mail: Box 392, Statesboro, Ga.
- BLOCH, IVAN** (A'32), Associate Engineer, Rural Electrification Administration, 2000 Massachusetts Ave., N.W., Washington, D.C. For mail: 4 Potomac Ct., Alexandria, Va.
- BLÖCHLINGER, JOSEF S.** (A'35), Engineer, Autophon A. G., Solothurn, Ziegelmattdstrasse 3-5, Switzerland. For mail: Solothurn, Bielstrasse 219, Switzerland.
- BLOCK, WESLEY S., JR.** (A'31), Salesman, 15 E. 26th St., New York, N.Y.
- BLODGETT, EDWARD D.** (A'36), Engineering Department, RCA Manufacturing Company, RCA Victor Division, Camden, N.J. For mail: 244 Mountwell Ave., Haddonfield, N.J.
- BLOEMSMAN, JAN** (A'36), Consulting Engineer, Mient 551, The Hague, Netherlands.
- BLOM, PAUL** (A'34), Assistant, Laboratory Electrotechnics, Academy of Rotterdam, Kortenaerstraat 3, Rotterdam, Netherlands. For mail: 91 Kralingsheplaslaan, Rotterdam, Netherlands.
- BLOOM, GILBERT** (A'36), Owner, Radio and Electrical Business, Oxford, Ind.
- BLOOM, JEFFERSON D., JR.** (A'34), Chief Engineer, WWL, WWL Development Company, Roosevelt Hotel, New Orleans, La. For mail: 5718 St. Charles Ave., New Orleans, La.
- BLOUMENTHAL, SIDNEY** (A'27), Associate Physicist, U. S. War Dept., Ordnance Division, Bridge and Tacony Sts., Frankford Arsenal, Philadelphia, Pa.
- BOBERG, CHARLES P.** (S'36), Inspector, Stromberg Carlson Telephone Manufacturing Company, 100 Carlson Rd., Rochester, N.Y. For mail: 1 Fairmount St., Rochester, N.Y.
- BOCHAROFF, GEORGE M.** (A'36), Instructor of Aircraft Radio, Central Aviation Academy, Chien Chiao, Hangchow, China.
- BOCKMIER, CHARLES F.** (A'32), Radio Serviceman, Box 314, Palouse, Wash.
- BOEHME, HERMAN O.** (M'15), President, H. O. Boehme, Inc., 117 East 24th St., New York, N.Y.
- BOERNER, THOMAS J.** (A'26), Transmitter Engineering, Bldg. 7-2, RCA Manufacturing Company, Inc., Camden, N.J.
- BOERUM, HENRY S.** (A'30), Auto Marine Electric Company, Greentport, L.I., N.Y. For mail: 305 Front St., Greentport, L.I., N.Y.
- BOES, WALTER W.** (A'27), Owner, W. W. Boes Company, 533-534 Mutual Home Bldg., Dayton, Ohio. For mail: 1857 Emerson Ave., Dayton, Ohio.
- BOESCHE, FREDERICK W.** (A'36), Apparatus Engineer, Hygrade Sylvania Corporation, 64 Lakeview Ave., Clifton, N.J. For mail: 512 Spruce St., Boonton, N.J.
- BOESE, WILLIAM C.** (S'34), Chief Engineer, WLB University of Minnesota, Minneapolis, Minn.
- BOGHOSIAN, WILLIAM H.** (S'34), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BOISE, EVERETT B.** (A'36), National Union Radio Corporation, State St., Newark, N.J. For mail: 961 Prospect Ave., Plainfield, N.J.
- BOJI, LOUIS D.** (A'36), Factory Superintendent, Fairbanks, Morse, and Company, 2060 Northwestern Ave., Indianapolis, Ind. For mail: 246 Blue Ridge Dr., Indianapolis, Ind.
- BOLAND, JOHN N.** (J'31-A'34), Ensign, U. S. Navy, U.S.S. *West Virginia*, c/o Postmaster, San Pedro, Calif.
- BOLLAERT, REMI** (S'36), Graduate Student, University of California, Berkeley, Calif. For mail: 3936 Rhoda Ave., Oakland, Calif.
- BOLTON, STANLEY W.** (A'34), Assistant Engineer, Western Electric Company, Retard Coil Planning Department, 100 Central Ave., Kearny, N.J. For mail: 1029 Madison Ave., Elizabeth, N.J.
- BOMBERGER, DAVID C.** (S'36), Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BONANNO, JOSEPH L.** (A'27), Chief Engineer, Lionel Corporation, 28 Sager Pl., Irvington, N.J. For mail: 7011-110th St., Forest Hills, L.I., N.Y.
- BOND, DUDLEY H. T.** (A'35), Engineer, Standard Telephone and Cables, Ltd., Oakleigh Rd., New Southgate, London N. 11, England. For mail: 67 Oak Tree Dr., Totteridge, Herts, England.
- BOND, ELMER F.** (A'29), RCA Communications, Inc., Riverhead, L.I., N.Y.
- BOND, MARION E.** (A'29), Audio Engineer, United American Bosch Corporation, N. Main St., Springfield, Mass. For mail: 115 Larkspur St., Springfield, Mass.
- BONDURANT, JOHN E.** (S'34), 212 Ming St., Warrensburg, Mo.
- BONDY, HUGO A.** (A'29), Assistant Engineer, Trutophone, Inc., 101 Fifth Ave., New York, N.Y. For mail: 123 Phelps Rd., Ridgewood, N.J.
- BONG, TOM** (A'35), Aeronautical Engineer, Shuichow Aircraft Works, Shuichow, Kwangtung, China. For mail: 8 Tunghsan, Canton, China.
- BOOKWALTER, LOUIS S.** (A'34), Chief Engineer, Koin and Kale, New Heathman Hotel, Portland, Ore.
- BOOLER, ERNEST** (A'36), Representative, Mc Michael Radio, Ltd., Wexham Rd., Slough, Bucks, England. For mail: 17 Arran Rd., Crookes, Sheffield, 10, Yorks., England.
- BOOTH, CHARLES F.** (A'30), Assistant Engineer, British Post Office, Engineering Research Station, Radio Section, Dollis Hill, London, N.W. 2, England. For mail: 8 Durham Rd., Harrow, Middx., England.
- BOOTH, EARL C.** (A'36), Chief Engineer, Noblitt-Sparks Industries, Inc., Columbus, Ind.
- BOOTH, HOWARD A.** (A'29), Chief Radio Electrician, U. S. Navy, U.S.S. *California*, c/o Postmaster, San Pedro, Calif.
- BOOTH, JAMES D.** (A'27), Radio Engineer, Westinghouse Electric and Manufacturing

- Company, Chicopee Falls, Mass. For mail: 609 Longmeadow St., Longmeadow, Mass.
- BOOTH, ROBERT M., JR.** (A'36), Development Engineer, WLW-WSAI, Cincinnati, Ohio. For mail: 6463 Grandvista Ave., Cincinnati, Ohio.
- BORDEN, CLIFFORD C.** (A'36), Electrical Equipment Engineer, Rm. 205 RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- BORGARS, SYDNEY J.** (A'33), Wireless Section, Royal Aircraft Establishment, South Farnborough, Hants, England. For mail: Calliope, 71 Tower Hill, Cove, Hants, England.
- BORGES, FRANCISCO B.** (A'31), Chief Technical Assistant, Companhia Portuguesa Radio Marconi, Rua de S. Juliao, 131-2º, Lisbon, Portugal.
- BORGES, VICTORIANO A.** (A'30), Electrical Engineer, S. A. Philips do Brazil, Caixa Postal 1489, Rio de Janeiro, Brazil.
- BORGESON, CARL A.** (A'27), Long Lines Department, American Telephone and Telegraph Company, 32 Sixth Ave., New York, N.Y. For mail: 376 Prospect St., East Orange, N.J.
- BORN, W. THEODORE** (A'27), Director of Laboratory, Geophysical Research Corporation, 2607 N. Boston Pl., Tulsa, Okla.
- BORSARELLI, CESARE** (S'34-A'34), Radio Engineer, Fabbrica Italiana Magneti Marelli, Sesto S. Giovanni, Milano, Italy. For mail: Corso Arimondi 7, Torino, Italy.
- BORST, JOHN M.** (A'34), Technical Editor, *Radio News*, 461 Eighth Ave., New York, N.Y. For mail: 3148 Hull Ave., Bronx, N.Y.
- BORTON, FREDERICK W.** (A'30), President, Miami Broadcasting Company, WQAM, 327 N.E. First Ave., Miami, Fla. For mail: Box 3741, Miami, Fla.
- BOSE, JOHN H.** (S'33-A'36), Research Assistant, Department of Electrical Engineering, Columbia University, New York, N.Y. For mail: 494 Second Ave., New York, N.Y.
- BOSKAMP, JOHN B.** (A'36), Junior Engineer, U. S. Engineers, U.M.V.D., 831 U. S. Courthouse and Customhouse, St. Louis, Mo. For mail: 4252 Maryland Ave., St. Louis, Mo.
- BOSOMWORTH, GEORGE P.** (A'36), Engineer, WTF-WPF, Firestone Tire and Rubber Company, Firestone Park, Akron, Ohio. For mail: 1810 Carter Ave., Akron, Ohio.
- BOSSARD, GISEBERT L.** (M'30), President and Director of Engineering Research, General Kontrolar Company, Inc., 206 E. First St., Dayton, Ohio. For mail: Box 761, Dayton, Ohio.
- BOSSART, PAUL N.** (A'29), Union Switch and Signal Company, Swissvale, Pa.
- BOSTWICK, L. G.** (A'30), Member of Technical Staff, Research Department, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BOSWELL, JAMES R.** (A'30), Development Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 126 E. Bettlewood Ave., Oaklyn, N.J.
- BOTTORFF, PAUL A.** (A'36), Engineer, Trimm Radio Manufacturing Company, 1770 W. Berteau Ave., Chicago, Ill. For mail: 524 Arlington Ave., Des Plaines, Ill.
- BOUMAN, HENDRIK J. J.** (A'30), Radio Engineer, Ingenieursbureau H. J. J. Bouman, 2e Oosterparkstraat 263, Amsterdam-Oost, Netherlands.
- BOUNDY, GLENN G.** (A'36), Chief Engineer, WVVA, West Virginia Broadcasting Corporation, Wheeling, W.Va. For mail: 29 Bryan St., Elm Grove, Wheeling, W.Va.
- BOUSQUET, ARTHUR G.** (A'29), Engineer, General Radio Company, 30 State St., Cambridge, Mass.
- BOVEE, BENEDICT A.** (A'34), Chief Engineer, The Carborundum Company, Global Division, Niagara Falls, N.Y. For mail: 220-74th St., Niagara Falls, N.Y.
- BOWDEN, HAROLD F.** (A'33), Television Engineer, British Broadcasting Corporation, Alexander Palace, Wood Green, North London, England. For mail: 34 Summit Way, Southgate, North London, England.
- BOWDITCH, FRED T.** (A'24), Research Engineer, National Carbon Company, Inc., Research Laboratories, 1280 W. 73rd St., Box 6087, Cleveland, Ohio.
- BOWEN, HAROLD C.** (J'16-A'18), Treasurer, Joseph L. Bowen Company, 100 Pleasant St., Fall River, Mass. For mail: Box 403, Fall River, Mass.
- BOWEN, JACK L.** (A'33), Bowen Radio Laboratory, 526-A Surf St., Chicago, Ill.
- BOWER, JAMES, JR.** (A'29), Junior Electrical Engineer, Brooklyn Edison Company, 55 Johnson St., Brooklyn, N.Y. For mail: 284 Bay 10th St., Brooklyn, N.Y.
- BOWER, WARD E.** (A'29), Assistant Radio Engineer, Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: 1427 Jackson St., N.E., Washington, D.C.
- BOWERS, E. J.** (A'29), Chief Engineer, CFB, Aurora, Ont., Canada. For mail: 37 Lowther Ave., Toronto, Ont., Canada.
- BOWERS, RALPH W.** (A'33), Line Officer, U. S. Navy. For mail: Navy Yard, Bremerton, Wash.
- BOWIE, ROBERT M.** (A'34-M'37), Director of Television Research, Hygrade Sylvania Corporation, St. Marys, Pa. For mail: 113 E. Erie Ave., St. Marys, Pa.
- BOWLES, EDWARD L.** (A'23-M'28), Associate Professor of Electrical Communications, Massachusetts Institute of Technology, Cambridge, Mass.
- BOWLES, THEODORE C.** (A'26), Manager, Radio Department, Western Auto Supply Company, 1100 S. Grand Ave., Los Angeles, Calif.
- BOWLEY, RAYMOND J.** (A'35), Research Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 27 W. Pomona St., Philadelphia, Pa.
- BOWMAN, ARTHUR** (A'36), Service Manager, Hughes Trader, Ltd., 28/30 Pink La., and 62 Northumberland St., Newcastle-on-Tyne, 1, England. For mail: 361 Bretton Gardens, Newcastle-on-Tyne, 6, England.
- BOWMAN, CLIFFORD S.** (A'34), Radio Service Manager, James S. Remick Company, 909-12th St., Sacramento, Calif. For mail: 2533 Castro Way, Sacramento, Calif.
- BOWMAN, DAVID W.** (A'36), Assistant Engineer, U. S. Engineers, Second New Orleans District, Prytania St., New Orleans, La. For mail: 8327 Sycamore St., New Orleans, La.
- BOWN, RALPH** (M'22-F'25), Associate Radio Research Director, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BOYAJEAN, JOHN A., JR.** (S'35), Student, Stevens Institute of Technology, Hoboken, N.J. For mail: 2600 Boulevard, Jersey City, N.J.
- BOYD, BRUCE** (A'36), Tester, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass. For mail: 23 Federal St., Springfield, Mass.
- BOYD, JOHN W. G.** (A'31), Engineering Department, Aluminum Company of Canada, Sterling Rd., Toronto, Ont., Canada. For mail: 37 Hilton Ave., Toronto, Ont., Canada.
- BOYMEL, BERNARD** (J'35-A'37), Designer, Modemel Products Company, 1494 University Ave., Bronx, N.Y. For mail: 371 Amsterdam Ave., New York, N.Y.
- BOZZOLI, GUERINO R.** (A'36), Lecturer, Radio Engineering, Department of Electrical Engineering, Rand University, Johannesburg, South Africa.
- BRAATEN, ARTHUR M.** (A'27), Engineer, Research and Design Division, RCA Com-

BRA-BRI

- munications, Inc., 140 Moriches Rd., Riverhead, L.I., N.Y. For mail: Box 626, Riverhead, L.I., N.Y.
- BRACE, F. RICHARD (A'36)**, Service Engineer, Brace and Zehner, 5718 Keniston Ave., Los Angeles, Calif. For mail: 1607 S. Crescent Heights Blvd., Los Angeles, Calif.
- BRACKETT, HAROLD H. (A'22)**, Engineer, Toll Plant Extension and Transmitting, New Jersey Bell Telephone Company, 540 Broad St., Newark, N.J. For mail: 515 Summit Ave., Oradell, N.J.
- BRACKETT, QUINCY A. (M'20)**, President and General Manager, WSPR, Connecticut Valley Broadcasting Company, 63 Chestnut St., Springfield, Mass. For mail: 116 S. Park Ave., Longmeadow, Mass.
- BRADEN, R. A. (A'23)**, Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- BRADFIELD, GEOFREY (A'31)**, Designs Engineer, E. K. Cole, Ltd., Southend-on-Sea, Essex, England. For mail: "Windyridge," 5, Mayfield Ave., Prittlewell, Essex, England.
- BRADFORD, ROBERT W. (A'35)**, Radio Interference Officer, Post Office Engineering Department, Canterbury, Kent, England. For mail: 9 Wincheap St., Canterbury, Kent, England.
- BRADLEY, FREDERICK W. (A'35)**, Engineering Assistant, Michigan Bell Telephone Company, Rm. 1729, 1365 Cass, Detroit, Mich. For mail: 19132 Greeley, Detroit, Mich.
- BRADLEY, JOHN T. (A'26-M'31)**, Owner, Bradley Manufacturing Company, 30-32 Laske St., San Francisco, Calif. For mail: 589 Tenth Ave., San Francisco, Calif.
- BRADSHAW, DONALD B. (A'36)**, Radio Service, Milton Radio and Appliance Shop, 20 Adams St., Milton, Mass. For mail: 10 Rockview Rd., Milton, Mass.
- BRADSHAW, LYNWOOD (A'25)**, Hawaiian Representative, Electrical Research Products, Inc., 980C Prospect St., Honolulu, T.H.
- BRADSHAW, ROBERT C. (A'27)**, President, A, B and C Corporation, Acton, Calif. For mail: 2647 Morslay Rd., Altadena, Calif.
- BRADY, JOHN B. (A'20-M'29)**, Lawyer, 600-603 Barrister Bldg., Washington, D.C. For mail: 315 Cumberland Ave., Somerset, Md.
- BRADY, JOSEPH S. (A'36)**, Assistant Chemist, Port of New York Authority, 999 West Side Ave., Jersey City, N.J. For mail: 880 Hudson Blvd., Bayonne, N.J.
- BRADY, LESLIE R. (A'29)**, Engineer, Federal Communications Commission, Washington, D.C. For mail: 368 Main St., Laurel, Md.
- BRADY, WILLIAM (A'36)**, Studic Control Supervisor, WOV, 132 W. 43rd St., New York, N.Y. For mail: 21-24-31st St., Astoria, L.I., N.Y.
- BRAIL, STEPHEN L. (A'36)**, Engineer, R-pho Laboratory, 1576 Norris St., Camden, N.J.
- BRAILLARD, RAYMOND (F'35)**, President, Technical Commission, Director, Checking Centre, Union Internationale de Radiodiffusion, 128 Avenue de la Floride, Uccle, Brussels, Belgium. For mail: 23 Avenue de Sumatra, Uccle I, Brussels, Belgium.
- BRAINERD, JOHN G. (A'33)**, Assistant Professor, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa.
- BRAKE, PAUL (J'29-A'32)**, For mail: 3840 Wood Ave., Coconut Grove, Fla.
- BRAMHALL, ERVIN H. (A'35)**, Professor of Physics, University of Alaska, College, Alaska. For mail: Fairbanks, Alaska.
- BRAMSLEV, GUNNAR E. (A'31)**, Engineer, Danish Posts and Telegraphs, Radio Department, Central postbygningen, Copenhagen, Denmark. For mail: 150 Gl. Kongevej, Copenhagen V, Denmark.
- BRANCH, LESLIE W. (M'29)**, Manager, Hawaii Telephone System, Box 425, Hilo, T.H.
- BRANCH, RAY (A'32)**, Sound Engineer, Hastings Strand Theatre, Inc., 213 W. State St., Hastings, Mich.
- BRANCH, WILLIAM E. (M'25)**, President Piedras Negras Broadcasting Company, Box 360, Eagle Pass, Tex.
- BRANDIS, LOUIS J. (A'34)**, Radio Service Laboratory, Box 202, Quantico, Va.
- BRANDT, MULFORD M. (A'35)**, Television Development Engineering, RCA Manufacturing Company, Inc., Camden, N.J.
- BRAUER, HOWARD H. (S'36)**, Co-operative Student, Crosley Radio Corporation, 1329 Arlington Ave., and University of Cincinnati, Cincinnati, Ohio. For mail: 1248 Rutledge St., Price Hill, Cincinnati, Ohio.
- BRAUM, C. M. (A'30)**, Station KGPB, Police Department, City Hall, Minneapolis, Minn. For mail: 2112 Harriet Ave., Minneapolis, Minn.
- BRAUN, GORDON B. (A'36)**, Radio Technician, Proprietor, Gordon Braun Radio Company, 1412 Webster St., Oakland, Calif. For mail: 733 Wesley Ave., Oakland, Calif.
- BRAUN, HERBERT C. (S'35)**, Student, Stevens Institute of Technology, Hoboken, N.J. For mail: 512-37th St., Union City, N.J.
- BRAUN, WALTER C. (A'24)**, President, Walter C. Braun, Inc., 601 W. Randolph St., Chicago, Ill.
- BRAZEE, GEORGE T. (A'36)**, Engineer, WFIL, Philadelphia, Pa. For mail: 5 Windsor Ave., Narberth, Pa.
- BREIMER, S. H. (A'28)**, Engineer, Ned. Seintoestellen Fabriek, N.V., Hilversum, Netherlands. For mail: Gycbrecht V. Amstel-Straat 362, Hilversum, Netherlands.
- BREITWIESER, CHARLES J. (A'35)**, Engineer in Charge of Production, Conducto-Therm Corporation, 5410 Wilshire Blvd., Los Angeles, Calif. For mail: 593 E. California St., Pasadena, Calif.
- BREMER, HARRY A. (A'25)**, Owner, Hudson City Radio Shop, 89-91 Franklin St., Jersey City, N.J. For mail: 153 Webster Ave., Jersey City, N.J.
- BRENNECKE, CORNELIUS G. (A'36)**, Instructor in Electrical Engineering, University of Toledo, Toledo, Ohio.
- BRENNER, BERT (A'35)**, Chemist, Sigmund Cohn, 44 Gold St., New York, N.Y.
- BRENT, HERBERT C. (M'23)**, Telegraph Engineer, Post and Telegraph Department, Palmerston North, New Zealand.
- BRESTER, WALTER A. (S'35)**, Short-Wave Broadcast Engineer, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio. For mail: 3249 Bishop St., Cincinnati, Ohio.
- BRETTELL, GEORGE A., JR. (S'36)**, Student, Lehigh University, Bethlehem, Pa. For mail: 288 Ridge St., Newark, N.J.
- BRIAN, JOSEPH M. (S'34-A'36)**, Junior Radio Engineer, Radio Research Company, Inc., Ninth and Kearny Sts., N.W., Washington, D.C. For mail: East Hilltop Rd., Linthicum Heights, Md.
- BRICK, FRANK R., JR. (A'25-M'26)**, Chief Engineer, Communications, Hearst Radio, Inc., 959 Eighth Ave., New York, N.Y. For mail: 856 Colonia Rd., Elizabeth, N.J.
- BRIDGES, W. C. (A'27)**, General Manager, Head of the Lakes Broadcasting Company, Superior, Wis.
- BRIDGMAN, FRANCIS K. (A'25)**, Commercial Radio Representative, Illinois Bell Telephone Company, Rm. 1603, 208 W. Washington St., Chicago, Ill. For mail: Apt. 3E, 1367 E. 48 St., Chicago, Ill.
- BRIGGE, GOSTA A. (A'34)**, Radio Engineer, Aga Baltic Radio, A.B., Stockholm-Lidingo, Sweden. For mail: Angskarsgatan 5, 6 tr., Stockholm, Sweden.
- BRIGGS, LOREN G. (A'32)**, Owner, Briggs

- Electrical Appliances, 919 Main St., Santa Paula, Calif.
- BRIGGS, LOYD A.** (M'29), European Director of Communications, RCA Communications, Inc., Electra House, Victoria Embankment, London, W.C. 2, England.
- BRIGGS, THOMAS H., JR.** (A'30), Vacuum Tube Engineer, Raytheon Production Corporation, 55 Chapel St., Newton, Mass.
- BRIGHAM, CECIL E.** (A'28-M'30), Technical Director, Kolster-Brandes, Ltd., Cray Works, Sidcup, Kent, England. For mail: Lamorbay Park Hotel, Sidcup, Kent, England.
- BRIMBERG, ISAAC** (A'36), Radio Engineer, WNYC, Municipal Radio Broadcasting Company, Municipal Bldg., New York, N.Y. For mail: 1062 Park Pl., Brooklyn, N.Y.
- BRIMLEY, ARTHUR H.** (A'34), Engineer, WUNC, Asheville *Citizen Times*, Flatiron Bldg., Asheville, N.C. For mail: 55 Maney Ave., Asheville, N.C.
- BRINDLE, THEODORE A.** (A'36), Tester and Instructor, Simplex Radio Company, King and Monroe, Sandusky, Ohio. For mail: 2018 W. Monroe St., Sandusky, Ohio.
- BRITO, ALBERTO R.** (M'36), Director de Comunicaciones Navales, Departamento de Comunicaciones Navales, Valparaiso, Chile. For mail: Avenida Libertad, 575, Viña del Mar, Chile.
- BRITIN, FRANK L.** (A'27-M'28), Radio Editor, *Popular Mechanics*, 200 E. Ontario St., Chicago, Ill.
- BROCKMAN, FRANCIS C.** (A'15), Radio Engineer, General Electric Company, Bridgeport, Conn. For mail: 72 Church Hill Rd., Bridgeport, Conn.
- BROCKWAY, DON C.** (A'30), Engineer, Crown Amplifier Company, 2500 McPherson St., Los Angeles, Calif., and Instructor, Electricity and Radio, James A. Foshy Junior High School, 3751 S. Harvard Blvd., Los Angeles, Calif.
- BROCKWAY, WILLIAM W.** (A'36), Sound Technician, M-G-M, Culver City, Calif. For mail: 2727 Club Dr., Los Angeles, Calif.
- BRODIE, ALFRED H.** (A'31), Radio Technician, KLX, Tribune Tower, Oakland, Calif.
- BROKAW, CHARLES A.** (A'36), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 417 Evans Ave., Haddonfield, N.J.
- BROLLY, ARCHIBALD H.** (A'27-M'34), Chief Engineer, Farnsworth Television, Inc., 127 E. Mermaid La., Philadelphia, Pa.
- BROOK, ALF** (A'29), Draftsman, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. For mail: S. Cedar St., Irwin, Pa.
- BROOKE, A. WAYNE** (S'35), For mail: 3786 W. 37th St., Cleveland, Ohio.
- BROOKE, ROBERT O.** (J'29-A'32), Engineer, National Broadcasting Company, Inc., Hollywood, Calif.
- BROOKER, VIVIAN M.** (A'27-M'35), Manager, Broadcasting Division, Amalgamated Wireless, Australasia, Ltd., 47 York St., Sydney, N.S.W., Australia.
- BROOKS, TOM A.** (A'36), Radio Editor, *New York Evening Journal*, 210 South St., New York, N.Y.
- BROTHERS, JAMES T.** (A'29), Tube Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 5335 Belfield Ave., Germantown, Philadelphia, Pa.
- BROUGHTON, WILLIAM G.** (A'30), Radio Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y.
- BROWN, DAVID S.** (A'15), Engineer, New York Telephone Company, Rm. 1381, 140 West St., New York, N.Y.
- BROWN, ELMER L.** (A'26), Chief Engineer, Brown Rayphones, 785 Market St., San Francisco, Calif. For mail: 785 Market St., San Francisco, Calif.
- BROWN, GEORGE H.** (A'30), Research Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 244 Hopkins Ave., Haddonfield, N.J.
- BROWN, GEORGE W.** (A'28), Radio Service Manager, Central Radio Company, 37 County St., Attleboro, Mass. For mail: 38 Bay State Rd., Attleboro, Mass.
- BROWN, HENRY J.** (A'26), Service Engineer, Electrical Research Products, Inc., 250 W. 57th St., New York, N.Y. For mail: 301 S. St. Cloud St., Allentown, Pa.
- BROWN, HOWARD A.** (A'26), Laboratory Engineer, Rochester Gas and Electric Corporation, 89 East Ave., Rochester, N.Y.
- BROWN, HOWELL C.** (A'26), 120 N. El Molino Ave., Pasadena, Calif.
- BROWN, HUGH A.** (A'16-M'29), Assistant Professor of Electrical Engineering, Rm. 212 Electrical Engineering Laboratory, University of Illinois, Urbana, Ill.
- BROWN, J. E.** (A'24-M'28), Zenith Radio Corporation, Chicago, Ill. For mail: 1235 Scott Ave., Winnetka, Ill.
- BROWN, JAMES G.** (S'36), Student Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 13 State St., Schenectady, N.Y.
- BROWN, MAX H.** (S'36), Student, Indiana Technical College, Fort Wayne, Ind. For mail: Deshler, Ohio.
- BROWN, NEIL D.** (A'36), Radio Engineer, Robert Dollar Company, 51 Canton Rd., Shanghai, China.
- BROWN, REYNOLDS D., JR.** (A'30), Engineer, Philadelphia Storage Battery Company, Ontario and C Sts., Philadelphia, Pa. For mail: 548 Ellet St., Mt. Airy, Philadelphia, Pa.
- BROWN, THOMAS H.** (A'32), Attorney, Department of Justice, Washington, D.C. For mail: 633 Maryland Ave., S.W., Washington, D.C.
- BROWN, WALTER J.** (M'25), Director of Engineering, Philco Radio and Television Corporation of Great Britain, Ltd., Wadsworth Rd., Perivale, Middx., England. For mail: Danesmoor Harefield Rd., Uxbridge, Middx., England.
- BROWN, WILFRED E.** (A'29), Assistant Engineer, Indiana Bell Telephone Company, Indianapolis, Ind. For mail: Carmel, Ind.
- BROWN, WILLIAM A. R.** (A'25), Assistant Development Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y.
- BROWN, WILLIAM F.** (A'34), Managing Director, Wm. F. Brown Radio, Ltd., Ossillo Radio Works, Brierley Hills, Staffs., England.
- BROWN, WILLIAM W.** (M'18), Assistant Engineer, Radio Engineering Department, General Electric Company, Schenectady, N.Y. For mail: 2134 Fairview Ave., Schenectady, N.Y.
- BROWNING, ELLIOT A.** (J'30-A'32), Radio Broadcast Control Operator, WORC, 60 Franklin St., Worcester, Mass. For mail: Box 110, Oxford, Mass.
- BROWNING, GLENN H.** (A'24-M'28), Consulting Engineer, 7 Appalachian Rd., Winchester, Mass.
- BROWNING, SAMUEL D.** (A'31), Radio Engineer, Federal Telegraph Company, 200 Mt. Pleasant Ave., Newark, N.J.
- BRUCE, EDMOND** (A'26-M'29), Research Engineer, Bell Telephone Laboratories, Inc., Box 107, Red Bank, N.J. For mail: 27 Buena Pl., Red Bank, N.J.
- BRUCE, GUSTAV B.** (A'30), Draftsman, Radio Transmitter Engineering, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 109 S. 38th St., Philadelphia, Pa.
- BRUCE, JAMES H.** (A'36), Public Accountant, Price Waterhouse and Company, Apartado 1403, Mexico, D.F. Mexico.
- BRUCE, JAMES R.** (A'31), Assistant Engineer, Cable and Wireless, Ltd., Electra

BRU-BUR

- House, Victoria Embankment, London, W.C. 2, England. For mail: c/o Eastern Telegraph Company, Ascension Island.
- BRUCH, ROMAN (A'32)**, Control Engineer, Buffalo Broadcasting Corporation, Buffalo, N.Y. For mail: 148 Walden Ave., Buffalo, N.Y.
- BRUGGEMAN, JOHN T. (J'28-A'30)**, Engineering Assistant, Chief Engineer's Office, New Jersey Bell Telephone Company, 540 Broad St., Newark, N.J. For mail: 1297 Lexington Ave., New York, N.Y.
- BRUNET, MEADE (M'33)**, Manager Equipment Sales, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- BRUNING, JAMES M. (A'36)**, Central Office Repairman, Bell Telephone Company of Pennsylvania, 42 W. Lancaster Ave., Ardmore, Pa. For mail: 339 W. Lancaster Ave., Haverford, Pa.
- BRUNN, ROBERT B. (A'36)**, Engineering Laboratory, Hazeltine Service Corporation, 333 W. 52nd St., New York, N.Y. For mail: 395 Broome St., New York, N.Y.
- BRUNNER, GEORGE W. (A'34)**, Radio Tube Technician, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 324 W. Fourth St., Emporium, Pa.
- BRUNNER, REED R. (A'36)**, Communications Engineer, United Air Lines, 5936 S. Cicero Ave., Chicago, Ill.
- BRYAN, WILLIAM J. (A'36)**, Teacher, Frank Wiggins Trade School, 1646 S. Olive St., Los Angeles, Calif. For mail: 2717 Orchard Ave., Los Angeles, Calif.
- BUCHANAN, ARTHUR B. (A'26-M'32)**, Radio Engineer, Detroit Edison Company, 2000 Second Ave., Detroit, Mich.
- BUCHANAN, D. W. (A'36)**, Secretary, Buchanan's Flour Mills, Ltd., West St., Ashburton, New Zealand. For mail: 74 Wills St., W. Ashburton, New Zealand.
- BUCHANAN, JAMES P., JR. (A'35)**, Associate Radio Engineer, Federal Communications Commission, Washington, D.C. For mail: c/o George Washington Inn, New Jersey and C Sts., S.E., Washington, D.C.
- BUCHANAN, O. R. (A'31)**, Chief Operator, WHA, Sterling Hall, University of Wisconsin, Madison, Wis. For mail: 1218 Drake St., Madison, Wis.
- BUCKINGHAM, STEPHEN A. (A'34)**, Cruft Laboratory, Cambridge, Mass.
- BUCKLEY, MICHAEL, JR. (A'33)**, Captain, U. S. Army, Command and General Staff School, Fort Leavenworth, Kan.
- BUCKNELL, WILSON H. (S'36)**, Engineer, Columbia Steel Company, Torrance, Calif. For mail: 5913 Miramonte Blvd., Los Angeles, Calif.
- BUCKTHAL, E. P. (A'36)**, Crystal Grinder, United Air Lines Transport Corporation, 5936 S. Cicero Ave., Chicago, Ill.
- BUDDEN, GEORGE H. (A'36)**, Proprietor and Service Agent, Kingston Radio, 125 Old Rd., Clacton-on-Sea, Essex, England.
- BUDELMAN, FREDERICK T. (A'34)**, Engineer, F. M. Link, 157 Chambers St., New York, N.Y. For mail: Box 6, Great Notch, N.Y.
- BUDENBOM, HORACE T. (A'36)**, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BUECHE, HARRY S. (A'26)**, Head, Department of Electrical Engineering, Villanova College, Villanova, Pa.
- BUHL, WALTER T. (A'36)**, Physicist, Physicists' Research Company, 337 Main St., Ann Arbor, Mich.
- BUILDER, GEOFFREY (A'32)**, In Charge of Research Laboratories, Amalgamated Wireless, Australasia, Ltd., 47 York St., Sydney, N.S.W., Australia.
- BULGIN, ARTHUR F. (A'23-M'26)**, Governing Director, A. F. Bulgin and Company, Ltd., Abbey Rd., Barking, Essex, England.
- For mail: The Oaks, 5 Holly Bush Hill, Wanstead, London, E. 11, England.
- BULLARD, WILLIAM R. (A'22)**, Assistant Electrical Engineer, Ebasco Services, Inc., 2 Rector St., New York, N.Y.
- BULLEN, CLARK V. (A'35)**, Assistant Electrical Engineer, Barber-Colman Company, Rockford, Ill.
- BULLIS, ORMOND F. (A'36)**, Transmitter Engineer, WHAM, Sagamore Hotel, Rochester, N.Y. For mail: 26 Brett Rd., Rochester, N.Y.
- BULLOCK, MARK W. (S'33-A'36)**, Chief Engineer, KOIL, Council Bluffs, Iowa. For mail: Box 277, Council Bluffs, Iowa.
- BULOW, VINCENT A. M. (A'36)**, First Engineer, Wireless, Government of Iraq, Posts and Telegraphs Department, Baghdad, Iraq.
- BUNN, CLIFFORD F. (J'36)**, Radio Serviceman, Miles City Electrical Company, 11 N. Eighth St., Miles City, Mont. For mail: 1218 N. Montana Ave., Miles City, Mont.
- BUNN, ENOCH (A'36)**, 234 Fifth E., Vancouver, B.C., Canada.
- BUNTING, THEODORE R. (A'34-M'35)**, Specification Engineer, U. S. Army Signal Corps, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- BURBANK, JEROME (A'30)**, Engineer, Buffalo General Electric Company, 960 Bush Ave., Buffalo, N.Y. For mail: 418 Downtown YMCA, 45 W. Mohawk St., Buffalo, N.Y.
- BURGESS, ALFRED G. (A'30)**, Inspector, Engineer-in-Chief's Office, Post Office Engineering Research Station, Dollis Hill, London, N.W. 2, England. For mail: 53A Vincent Gardens, Dollis Hill, London, N.W.2, England.
- BURGESS, WARREN B. (A'20-M'31)**, Radio Engineer, U. S. Navy, Naval Research Laboratory, Anacostia Station, Washington, D.C. For mail: 2900 26th St., N.E., Washington, D.C.
- BURGHARD, G. E. (A'18-M'26)**, President, Continental Radio Corporation, 100 High St., Hartford, Conn. For mail: 520 E. 86th St., New York, N.Y.
- BURKE, CHARLES T. (A'25-M'27)**, Engineering Manager, General Radio Company, 30 State St., Cambridge, Mass. For mail: 76 Spruce St., Watertown, Mass.
- BURKE, DAVID J., JR. (A'29)**, Assistant Radio Inspector, U. S. Navy, Radio Test Shop, Navy Yard, Washington, D.C. For mail: 2207 Franklin St., N.E., Washington, D.C.
- BURLEY, FRANK E. (A'32)**, Radio Engineer, Heyer Products Company, 740 Washington Ave., Belleville, N.J. For mail: 153 Franklin St., Bloomfield, N.J.
- BURMESTER, OTTO C. (A'36)**, Assistant Engineer, 4BC, J. B. Chandler and Company, 43 Adelaide St., Brisbane, Queensland, Australia. For mail: Stanley Ter., East Brisbane, S.E. 1, Queensland, Australia.
- BURNAP, ROBERT S. (A'30)**, Head of Commercial Engineering Section, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- BURNESKI, ANTHONY D. (A'36)**, Proprietor, Dominion Tire and Radio Service, 220-10th St., Brandon, Manit., Canada.
- BURNETT, CARLOS E. (A'34)**, Engineer, Research and Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- BURNETT, EDWARD F. (A'36)**, Television Research Engineer, Pye Radio, Ltd., Radio Works, Cambridge, England. For mail: 66 Lincoln Rd., East Finchley, London, N. 2, England.
- BURNETT, WILLIAM W. L. (A'27)**, Civilian, Radio Electrician, U. S. Naval Radio Station, Chollas Heights, San Diego, Calif. For mail: 4814 Idaho St., San Diego, Calif.
- BURNHAM, EDWIN (A'36)**, Transmitter Technician, WBBM Broadcasting Corpora-

- tion, Glenview, Ill. For mail: 8 Park Dr., Glenview, Ill.
- BURNS, CHARLES P.** (A'32), Radio Sales-Service Engineer, Kansas City Power and Light Company, 243 W. 47th St., Kansas City, Mo. For mail: 4516 Mercier, Kansas City, Mo.
- BURNS, ELMER E.** (A'28), Physics Teacher, Austin High School, Chicago, Ill. For mail: 3515 Home Ave., Berwyn, Ill.
- BURNS, G. AUSTIN** (A'20), Sound Department, Metro-Goldwyn-Mayer Studios, Culver City, Calif.
- BURNS, GORDON K.** (A'32), Engineer, Vacuum Tube Shop, Western Electric Company, 395 Hudson St., New York, N.Y. For mail: 76 Oakland Rd., Maplewood, N.J.
- BURNS, LOREN V.** (J'33-A'34), Chemist, Topeka Flour Mills Corporation, 126 N. Jefferson St., Topeka, Kan.
- BURNS, MATTHEW D.** (A'36), Factory Superintendent, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 321 W. Fifth St., Emporium, Pa.
- BURNSIDE, CARROL J.** (A'27), Manager, Radio Engineering Department, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass.
- BURNSIDE, DON G.** (A'12), Engineer, Research and Development Department, RCA Manufacturing Company, Inc., RCA Radio-tion Division, Harrison, N.J.
- BURRILL, CHARLES M.** (A'24-M'30), Research Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 215 Marne Ave., Haddonfield, N.J.
- BURROUGHS, GORDON S.** (J'34-A'36), Chief Engineer, Fulton Radio Corporation, 100 Sixth Ave., New York, N.Y. For mail: 3406-82nd St., Jackson Heights, L.I., N.Y.
- BURROWS, CHARLES R.** (A'24), Radio Research Engineer, Bell Telephone Laboratories, Inc., Deal, N.J. For mail: 302 Grassmere Ave., Interlaken, N.J.
- BURTON, EVERETT T.** (A'30), Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- BUSCH, WILLIAM R.** (A'35), Radio Engineer, Maintenance and Construction Staff, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y.
- BUSH, CHARLES R.** (A'30), Geophysical Department, Sun Oil Company, Box 2831, Beaumont, Tex.
- BUSHBY, THOMAS R. W.** (A'33), Engineer, Amalgamated Wireless, Australasia, Ltd., Parramatta Rd., Ashfield, N.S.W., Australia. For mail: 2 Davellen, Oakley Rd., North Bondi, N.S.W., Australia.
- BUSSARD, E. J. H.** (A'24-M'30), Radio Engineer, Crosley Radio Corporation, 3401 Colerain Ave., Cincinnati, Ohio. For mail: 2701 Stratford Ave., Cincinnati, Ohio.
- BUSSAT, ROBERT M. A.** (A'35), Radio Engineer, Design Department, Campagnie générale des machines parlantes Pathe Frères, 55 Boulevard de la République, Chatou, Seine et Oise, France. For mail: 14 Boulevard Carnot, Le Vesinet, Seine et Oise, France.
- BUTLER, A. G.** (S'32-A'35), 563 Lynn Haven Ct., Ontario, Calif.
- BUTLER, HENRY R.** (A'23), Radio Engineer, Wired Radio, Inc., Ampere, N.J. For mail: 56 Chestnut Rd., Verona, N.J.
- BUTT, HARVEY R.** (A'30), Assistant to Commercial Manager, Radiomarine Corporation of America, 75 Varick St., New York, N.Y. For mail: 35 Meadow St., East Orange, N.J.
- BUTTERFIELD, H. G.** (A'36), Radio Engineer, WMBH, Joplin Broadcasting Company, 401 Main St., Joplin, Mo. For mail: 612 Islington Pl., Joplin, Mo.
- BUTTNER, HAROLD H.** (M'27), Assistant Technical Director, International Telephone and Telegraph Corporation and Vice Presi-
- dent, Mackay Radio and Telegraph Company, 67 Broad St., New York, N.Y.
- BUTOLO, ROMEO L.** (A'31), Wireless Operator, Società Italiana Radio Marittima, Via Condotti 11, Rome, Italy. For mail: Via M. G. Canale 7-12A, Genoa, Italy.
- BUTTS, ROBERT S.** (S'36), Co-operative Work, University of Cincinnati, and Crosley Radio Corporation, Broadcast Department, Arlington St., Cincinnati, Ohio. For mail: 2707 Milton Rd., Middletown, Ohio.
- BUZALSKI, THOMAS J.** (A'31), Engineer-in-Charge, Empire State Laboratory, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y. For mail: 1 Washington Pl., Cranford, N.J.
- BYER, EARLE D.** (A'34), U. S. Naval Radio Station, Summit, Canal Zone.
- BYERLAY, HENRY LeR.** (A'28-M'32), Communication Engineer, W8XWJ, Evening News Association, 4465 Penobscott Bldg., Detroit, Mich. For mail: 27 Richton Ave., Highland Park, Mich.
- BYERS, HARRISON O.** (A'25), Radio Interference Engineer, Kansas Gas and Electric Company, Third and Kelly Sts., Wichita, Kan. For mail: 333 Laura Ave., Wichita, Kan.
- BYRAM, F. CAMERON** (A'29), Electrical Engineer, Robbins and Myers, Inc., Springfield, Ohio. For mail: 555 E. Northern Ave., Springfield, Ohio.
- BYRNE, MAURICE E.** (S'35), Student, University of Idaho, Moscow, Idaho. For mail: Delta Tau Delta, Moscow, Idaho.
- BYRNE, PAUL F.** (A'30), Engineer, Federal Telegraph Company, 200 Mt. Pleasant Ave., Newark, N.J.
- BYRNES, IRVING F.** (A'23), Chief Engineer, Radiomarine Corporation of America, 75 Varick Street, New York, N.Y. For mail: 6171 Liebig Ave., Bronx, N.Y.

C

- CABOT, GEORGE E.** (A'16-M'30), Cabot, Cabot, and Forbes, 60 State St., Boston, Mass.
- CABOT, SEWALL** (M'14), Consulting Engineer, 100 Tappan St., Brookline, Mass.
- CADY, CHARLES A.** (A'36), Member of Laboratory Staff, General Radio Company, 30 State St., Cambridge, Mass.
- CADY, WALTER G.** (A'14-F'27), Professor of Physics, Wesleyan University, Middletown, Conn. For mail: Scott Laboratory, Middletown, Conn.
- CAHALAN, EDWARD T.** (S'35-A'36), Production Engineer, F. W. Sickles Company, Springfield, Mass.
- CAHILL, WILLIAM J.** (A'29), Development Engineer, Radio Receptor Company, 106 Seventh Ave., New York, N.Y. For mail: 409 Colonial Rd., Ridgewood, N.J.
- CAHOON, ROY D.** (A'35), Radio Engineer, Canadian Broadcasting Corporation, Sussex St., Ottawa, Ont., Canada. For mail: 92 Marlborough St., Ottawa, Ont., Canada.
- CALDWELL, LOUIS G.** (M'29), Lawyer, Member of Kirkland, Fleming, Green, Martin and Ellis, 914 National Press Bldg., Washington, D.C.
- CALDWELL, ORESTES H.** (M'28), Editor and Copublisher *Radio Today*, Caldwell-Clements, Inc., 480 Lexington Ave., New York, N.Y.
- CALDWELL, PHILIP G.** (A'33), Industrial Control Engineer, General Electric Company, Schenectady, N.Y. For mail: 709 Orinda Ave., Scotia, New York.
- CALLAHAN, JOHN L.** (A'21-M'31), Division Head, Engineering Department, RCA Communications, Inc., 66 Broad St., New York, N.Y. For mail: 45 Ogston Ter., Malverne, L.I., N.Y.
- CALLENDER, EDWIN R.** (A'27), Engineer, New York Ontario and Western Railroad,

CAL-CAR

- Middletown, N.Y. For mail: 374 North St., Middletown, N.Y.
- CALVELO, JULIO P.** (S'35), Professor in Charge of Correspondence Division, Instituto de Radio Rey, Chacabuco 707, Buenos Aires, Argentina. For mail: Ayacucho 1365, Piso IV, Dto. J, Buenos Aires, Argentina.
- CALVER, FRANK N.** (M'29), Engineer-in-charge, British Broadcasting Corporation, Empire Broadcasting Station, Borough Hill, Daventry, Northants., England.
- CAM, FRANK A.** (A'36), Sunnycroft, Bryn Rd., Pontllanfraith, Mon., England.
- CAMERON, JAMES R.** (A'35), President, Cameron Publishing Company, Woodmont, Conn. For mail: Box 1386, Little River, Miami, Fla.
- CAMERON, JOHN A.** (A'36), Radio Engineer, Colonial Radio Corporation, Buffalo, N.Y. For mail: 69 Pullman Ave., Kenmore, N.Y.
- CAMMACK, WILLIAM R.** (A'36), Engineer, XERA, Del Rio, Tex. For mail: Box 25, Del Rio, Tex.
- CAMPBELL, AUGUSTUS G.** (A'31), Engineer, Arcturus Radio Tube Company, 720 Frelinghuysen Ave., Newark, N.J. For mail: 325-29th St., North Bergen, N.J.
- CAMPBELL, C. HAROLD** (A'23), Field Engineering, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y.
- CAMPBELL, GEORGE R.** (A'29), Engineer, Campbell Radio Specialties Company, Ann Arbor, Mich. For mail: R.F.D. 6, Ann Arbor, Mich.
- CAMPBELL, J. ALLAN** (S'36-A'37), Apparatus Engineering Department, Northern Electric Company, Ltd., 1261 Shearer St., Montreal, Que., Canada.
- CAMPBELL, JOHN A.** (A'27), 165 First St., Yonkers, N.Y.
- CAMPBELL, JOHN S.** (A'31), 813 B 17th Ave. S., Nashville, Tenn.
- CAMPBELL, R. EDWARD** (A'36), Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 239 W. Allegheny Ave., Emporium, Pa.
- CAMPBELL, RICHARD D.** (A'34), Engineer, American Telephone and Telegraph Company, Rm. 2006, 195 Broadway, New York, N.Y.
- CAMPBELL, VICTOR H.** (A'36), Student Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 313 E. Fourth St., Emporium, Pa.
- CAMPBELL, WALTER H.** (M'31), Radio Engineer, c/o Signal Officer Third Corps Area, Rm. 307, Hearst Tower Bldg., Baltimore, Md.
- CANADAY, DONALD R.** (A'16), President and Chief Engineer, Canady Sound Appliance Company, 1776 Broadway, New York, N.Y. For mail: 19570 S. Sagamore Rd., Rocky River P.O., Cleveland, Ohio.
- CANAVACIOL, FRANK E.** (A'25-M'29), Assistant Professor, Department of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N.Y. For mail: 7119 Juno St., Forest Hills, L.I., N.Y.
- CANFIELD, NORVELL A.** (A'25), Assistant Engineer-in-Charge, RCA Communications, Inc., Point Reyes Station, Calif. For mail: Inverness, Calif.
- CANON, HARTMAN B.** (A'36), 4304 Drummond Pl., Chicago, Ill.
- CANTONWINE, CHARLES R.** (A'36), Assistant to Supervisor of Service, Sears, Roebuck and Company, Rm. 500, Administration Bldg., Chicago, Ill. For mail: 4136 Washington Blvd., Chicago, Ill.
- CAPEN, WILLIAM H.** (M'31), Assistant General Technical Director, International Telephone and Telegraph Corporation, 67 Broad St., New York, N.Y.
- CAPLAN, REUBEN S.** (A'35), Telephone and Telegraph Department, Houston Pipe Line Division, Gulf Refining Company, Gulf Bldg., Houston, Tex. For mail: 1712 Hutchins St., Houston, Tex.
- CAPRON, E. S.** (A'29), Consulting Service, 43 Park St., Oxford, Mich.
- CAPUTO, NICHOLAS J.** (A'27), Transmission Engineer, New York Telephone Company, 101 Willoughby St., Brooklyn, N.Y. For mail: 184-03-90th Ave., Hollis, L.I., N.Y.
- CARAZO, LUIS A.** (A'29), Chief Engineer, Radio Laboratory, Box 300, San Jose, Costa Rica.
- CARDUNER, WILLIAM** (A'28), Sales Manager, Jobbing Division, Meissner Manufacturing Co., Mt. Carmel, Ill.
- CARDWELL, ALLEN D.** (A'14), President, Allen D. Cardwell Manufacturing Company, 81 Prospect St., Brooklyn, N.Y. For mail: 443 Lakeview Ave., Rockville Center, L.I., N.Y.
- CARINI, LOUIS F. B.** (A'36), Technical Director, Carini Radio Laboratory, Wethersfield, Conn. For mail: 246 Wolcott Hill Rd., Wethersfield, Conn.
- CARLEBACH, WALTER M.** (A'35), Member, New York Stock Exchange, 60 Broad St., New York, N.Y. For mail: 47 E. 64th St., New York, N.Y.
- CARLSON, CARL O.** (J'29-A'32), Radio Operator, Radio Corporation of America, 39th St. and Ogechee Rd., Savannah, Ga. For mail: 226 W. 31st St., Savannah, Ga.
- CARLSON, ETNAR C.** (A'36), Engineer, General Household Utilities Corporation, 2638 N. Crawford Ave., Chicago, Ill. For mail: 3722 Wrightwood Ave., Chicago, Ill.
- CARLSON, RAY F.** (A'36), Factory Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 126 E. Fourth St., Emporium, Pa.
- CARLSON, WENDELL L.** (A'36), RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J.
- CARLTON, ROGER C.** (A'29), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- CARMENT, JAMES M.** (A'27), Engineering Staff, WHK, Terminal Tower, Cleveland, Ohio. For mail: 6906 Forest Ave., Cleveland, Ohio.
- CARNAHAN, CHALON W.** (A'34), Engineer, Hygrade Sylvania Corporation, 60 Boston St., Salem, Mass. For mail: 214 Walnut St., St. Marys, Pa.
- CARPENTER, GLENN W.** (A'18), Assistant Chief Engineer, P. R. Mallory and Company, Indianapolis, Ind. For mail: 249 Buckingham Dr., Indianapolis, Ind.
- CARPENTER, HUGH** (A'29), Radio Operator, Southwestern Sales Corporation, Philtower Bldg., Corner Fifth and Boston, Tulsa, Okla. For mail: 2628 E. Sixth St., Tulsa, Okla.
- CARPENTER, RALPH H.** (A'29), Chief Engineer, WBCM, Bay City Broadcasting Association, Wenonah Hotel, Bay City, Mich. For mail: WBCM, Tuscola Rd., Bay City, Mich.
- CARPENTER, RUPERT E. H.** (M'23), Chief Engineer, R. M. Radio, Ltd., 19 Carrick St., London, W. C. 2, England. For mail: 35 Croyham Valley Rd., Croydon, Surrey, England.
- CARR, DONALD L.** (S'36), Student, Indiana Technical College, Fort Wayne, Ind. For mail: Xenia Ave., Yellow Springs, Ohio.
- CARR, LESTER H.** (A'36), Chief Engineer, KSTP, National Battery Broadcasting Company, St. Paul Hotel, St. Paul, Minn.
- CARRANZA, JOSE J.** (M'22), Manager, Cia. Radiografica Internacional de Costa Rica, Box 54, San Jose, Costa Rica.
- CARROLL, MICHAEL J.** (A'29), RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- CARSON, ANDREW H.** (A'25-M'35), Posts and Telegraphs Department, Penang, Straits Settlements.

- CARSON, JOHN R. (M'16), Research Mathematician, Bell Telephone Laboratories, Inc., Rm. 648-A, 463 West St., New York, N.Y.
- CARSON, WILLIAM G. (A'30), National Union Radio Corporation, 57 State St., Newark, N.J. For mail: 10 Jefferson Pl., Montclair, N.J.
- CARSSOW, CHARLES G. (A'36), Washington Water Power Company, Moscow, Idaho. For mail: Box 12, Moscow, Idaho.
- CARTER, ALVA J. (M'36), President, Carter Motor Company, 361 W. Superior St., Chicago, Ill.
- CARTER, CECIL J. (M'36), In charge of Receiver Development Section, Engineering Department, Pye Radio, Ltd., Haig Rd., Cambridge, England. For mail: 22 Hartington Grove, Cambridge, England.
- CARTER, EMMETT F. (A'23-F'36), Division Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 4 W. Sixth St., Emporium, Pa.
- CARTER, FREDERICK C. (A'27), Executive Engineer, Engineer-in-Chief's Office, General Post Office, London, E.C., England.
- CARTER, GEORGE W. (M'30), Professor of Physics, College of the City of Detroit, Cass and Warren, Detroit, Mich.
- CARTER, OWEN M. (A'36), Electrical Engineer, Western Electric Company, Hawthorne Station, Chicago, Ill. For mail: 1010 Madison St., Lockport, Ill.
- CARTER, PHILIP S. (A'29), RCA Communications, Inc., Rocky Point, L.I., N.Y. For mail: 108 Prospect St., Port Jefferson, L.I., N.Y.
- CARTER, ROBERT D. (A'36), Radio Section, Royal Canadian Air Force, 5 (F.B.) Squadron, Dartmouth, N.S., Canada.
- CARTWRIGHT, RANDLE V. (A'36), Instructor in Physics, University of Colorado, Boulder, Colo.
- CASANOVA, RAMON (A'32), Lieutenant (S.G.), Argentine Navy, Direccion General del Personal, Ministerio de Marina, Buenos Aires, Argentina. For mail: Argentine Naval Commission, Rm. 502, 1302-18th St. N.W., Washington, D.C.
- CASE, HARLOW M. (A'35), General Inspector, Western Union Telegraph Company, Rm. 1724, 60 Hudson St., New York, N.Y.
- CASE, MYRON D. (A'29), RCA Communications, Inc., Bolinas, Calif. For mail: Box 41, Bolinas, Calif.
- CASE, NELSON P. (A'26-M'31), Engineer, Hazeltine Service Corporation, 333 W. 52nd St., New York, N.Y.
- CASEY, K. K. V. (A'26), Rm. 5086 du Pont Bldg., Wilmington, Del.
- CASKEY, HARRY B. (A'36), Radio Engineer, WTAM, National Broadcasting Company, 1367 E. Sixth St., Cleveland, Ohio.
- CASSELL, J. LAWRENCE (A'29), Assistant Chief Engineer, American Carrier-Call Corporation, 36 W. 44th St., New York, N.Y. For mail: 5 Prospect Pl., New York, N.Y.
- CASTLE, DONALD H. (A'29), Engineer, Audio Facilities Group, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y. For mail: Apt. E-6, 2502 Avenue D, Brooklyn, N.Y.
- CASTOR, AMASEA, H. (A'25), 5413 Brown- ing Rd., Merchantville, N.J.
- CATON, WILLIAM A. (A'27), Radio Inspector, Canadian Federal Government, Ottawa, Ont., Canada. For mail: 566 Dominion Public Bldg., Bay and Front Sts., Toronto, Ont., Canada.
- CATT, JAMES E. (A'20-M'23), Radio Engineer, Royal Aircraft Establishment, Hants, England. For mail: Ridgemount, 35 Southampton St., S. Farnborough, Hants, England.
- CATTELL, GILBERT W. (A'25), Radio Inspector, U. S. Navy Yard, Mare Island, Calif. For mail: R.F.D. 1, Box 777, Vallejo, Calif.
- CAUGHEY, WILLIAM K. (A'30), Radio Engineer, Bell Telephone Laboratories, Inc., Whippany, N.J. For mail: 20 Glenwild Rd., Madison, N.J.
- CAULFIELD, THOMAS D. (A'36), Trans- Radio Press Operator, WATL, Atlanta Broadcasting Company, Henry Grady Bldg., Atlanta, Ga. For mail: Box 162, Georgia Institute of Technology, Atlanta, Ga.
- CAULTON, CYRUS O. (A'30), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 5006 Willows Ave., West Philadelphia, Pa.
- CAUMONT, AUDRAN F. (A'35), 32-36-150th Pl., Flushing, L.I., N.Y.
- CAVALCANTI, ANTONIO P. (A'33), Chief Engineer, Radio Police Department, Rua Ibituruna 81, Rio de Janeiro, Brazil.
- CAVENAUGH, COLON D. (A'35), Patrolman, North Carolina State Highway Patrol, Raleigh, N.C. For mail: Wilson, N.C.
- CAWEIN, MADISON (M'36), Radio Engineer, Hazeltine Service Corporation, Bayside, L.I., N.Y. For mail: 11 Beachwood Ave., Manhasset, L.I., N.Y.
- CHACKO, M. V. (A'36), Lecturer, College of Science, Trivandrum, South India.
- CHADDER, EDWARD G. (A'29), Assistant to Superintendent Engineer, British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: 5, Lyncroft Ave., Pinner, Middx., England.
- CHAFREE, E. LEON (M'17-F'21), Professor of Physics, Cruft Laboratory, Harvard University, Cambridge, Mass.
- CHAFREE, JOSEPH G. (A'26), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- CHAKRADEO, LUKSHMIKANT M. (A'35), Electrical Engineer and Manager, Electrical Engineering and Manufacturing Company, Ltd., 164 Malleshwaram, Bangalore City, India.
- CHALBERG, HARRY W. A. (J'36), 1225 Grant St., Evanston, Ill.
- CHALLANDS, ARTHUR C. (A'36), Engineer, British Broadcasting Corporation, 54 New Bridge St., Newcastle-on-Tyne, England. For mail: 13, Otterburn Ter., Jesmond, Newcastle-on-Tyne, 2, England.
- CHALLANS, BENJAMIN W. S. (A'34), Technical Officer, His Majesty's Signal School, Royal Navy Barracks, Portsmouth, England. For mail: 91, Cottage Grove, Southsea, Hants, England.
- CHALLENGER, ANSEL P. (J'25-A'26), Sound Engineer, Oklahoma Theatre Supply Company, 708 W. Grand, Oklahoma City, Okla. For mail: 530 N.W. 20th, Oklahoma City, Okla.
- CHAMBERLAIN, ADOLPH B. (A'27-M'30), Chief Engineer, Columbia Broadcasting System, Inc., 485 Madison Ave., New York, N.Y.
- CHAMBERLIN, ROBERT R. (A'16), Radio Engineer, 1814 Gee St., N.W., Washington, D.C.
- CHAMBERS, CARL C. (A'30), Instructor in Electrical Engineering, Moore School of Electrical Engineering, University of Pennsylvania, 200 S. 33rd St., Philadelphia, Pa.
- CHAMBERS, JOSEPH A. (A'28-M'30), Consulting Radio Engineer, McNary and Chambers, 983 National Press Bldg., Washington, D.C.
- CHANDLER, CHARLES K. (A'15), Syme, Quiggs La., Woking, England.
- CHANG, CHAO-HAN (S'36), 76 Oxford St., Cambridge, Mass.
- CHANG, HSU (S'36), Graduate Student, Harvard University, Cambridge, Mass. For mail: 49 Wendell St., Cambridge, Mass.
- CHANG, SING TSE (S'36), Student, Chiao-Tung University, Shanghai, China.
- CHANG, TING CHIN (M'18), Dean and Professor of Electrical Engineering, Chiao-Tung University, Siccawei, Shanghai, China.

CHA-CHU

- For mail: 21-320 Route Prosper Paris, Shanghai, China.
- CHAPMAN, ALAN B. (A'29), Field Engineer, RCA Manufacturing Company, Inc., 2211 Commerce St., Dallas, Tex.
- CHAPMAN, JOHN P. J. (A'30), The Huon, Branksome Hill Rd., Bournemouth, England.
- CHAPMAN, FREDERICK W. (S'36), Student, University of Michigan, Ann Arbor, Mich. For mail: 630 Packard St., Ann Arbor, Mich.
- CHAPMAN, ROBERT T. (A'31), Photoengraver, Chapman and Rapp, Cincinnati, Ohio. For mail: Hunt Rd. and Conklin Ave., Blue Ash, Ohio.
- CHARTON, PAUL W. (A'29), Research and Development Engineer, National Union Radio Corporation, 57 State St., Newark, N.J. For mail: 82 Midland Ave., Montclair, N.J.
- CHASIN, GEORGE (A'32), Radio Receiver Design, Vim Radio Company, 325 Gold St., Brooklyn, N.Y. For mail: 25 Jersey Home-steads, Hightstown, N.J.
- CHATTERTON, LLOYD N. (A'36), Department of Public Safety, WRBH, Cleveland, Ohio.
- CHAUVIN, STANLEY B. (A'36), Electrical Superintendent, United Amusement Corporation, 5887 Monkland Ave., Montreal, Que., Canada.
- CHEFTEL, ALEXIS M. (M'36), Consulting Engineer, 22 Rue de Civry, Paris, XVI^e France.
- CHEN, SHUJEN (A'26), Engineer, Peiping Radio Administration, 19 Hsia Kung Fu, East City, Peiping, China.
- CHEN, TAI-KWEI (A'33), 88, Chung Hwa Kuan St., Yangchow, Kiagsu, China.
- CHEN, ZUN MOO (S'36), Student, Chiao-tung University, Shanghai, China.
- CHEN, ZUN-YE (S'36), Radio XUBHR, 5 Wei Nee Ter., Buddhist Rd., Hangchow, China.
- CHENG, CHAO-CHI (S'36), Student, Purdue University, West Lafayette, Ind. For mail: 471 N. Grant St., West Lafayette, Ind.
- CHERETON, AVERY B. (A'35), President, Electrical Products Company, 6535 Russell St., Detroit, Mich.
- CHERNOW, MORRIS (A'27), Engineer, Polyphase Engineering Company, 93 S. 10th St., Brooklyn, N.Y.
- CHERNYSHOFF, ALEXANDER A. (A'30), Member, Academy of Science, Moscow, U.S.S.R. For mail: Polytechnical Institute 74, Leningrad 21, U.S.S.R.
- CHERRY, CARLTON E. (A'33), Instructor of Engineering, Marin Union Junior College, Kentfield, Calif. For mail: 1 Santa Cruz Ave., San Anselmo, Calif.
- CHERRY, RICHARD O. (A'29), Consulting Physicist and Engineer, c/o Radio Corporation, Party, Ltd., Box 845 J, Melbourne, Australia.
- CHESBRO, ALBERT L. (A'31), Bookkeeper, J. M. Leonard and Son, Inc., Main St., Ostersville, Mass. For mail: Wianno Ave., Ostersville, Mass.
- CHESLEY, ARTHUR D. (A'29), City Mail Carrier, Post Office, Falls City, Neb. For mail: 1081 Morton St., Falls City, Neb.
- CHESNEY, ALAN P. (A'31), Radio Technician, City of Los Angeles, Rm. 225, City Hall, Los Angeles, Calif. For mail: 801 W. 39th St., Los Angeles, Calif.
- CHETTY, W. PUSHPARATHAM (A'36), Senior Engineering Instructor, C.N.T. Institute, Vepery, Madras, India. For mail: "Ratha Stiala," 66 Thambu Chetty St., Madras, India.
- CHICK, ARTHUR J. (S'36), Student, University of California, Berkeley, Calif. For mail: 46 Craig Ave., Piedmont, Calif.
- CHIEN, F. C. (A'28), Professor, Technical College, National University of Peiping, Peiping, China. For mail: National Radio Research Laboratory, Chien Kuo Park, Sian City, Shensi Province, China.
- CHIEN, THANG P. (A'36), Chief Radio Engineer, Leede Engineering Corporation, 395-9 Bubbling Well Rd., Shanghai, China.
- CHILD, VIRGIL E. (S'36), Geophysical Division, The Texas Company, 929 S. Broadway, Los Angeles, Calif. For mail: 536-21st St., Oakland, Calif.
- CHINN, HOWARD A. (A'27-M'36), Assistant to Director of Engineering, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: 240 Alpine Pl., Tuckahoe, N.Y.
- CHIPP, RODNEY D. (A'36), Studio Engineer, National Broadcasting Company, Rm. 589, 30 Rockefeller Plaza, New York, N.Y. For mail: 17 W. 64th St., New York, N.Y.
- CHISHOLM, EDWARD E. (A'33), Technical Manager, International Broadcasting Company, Box 66, Habana, Cuba. For mail: No. 339, Calle 25, Vedado, Habana, Cuba.
- CHITTICK, KENNETH A. (A'26), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 120 Wayne Ave., Haddonfield, N.J.
- CHITTOCK, KEITH H. (A'34), Airzone, Ltd., 16-22 Australia St., Camperdown, Sydney, Australia.
- CHOAT, WILLIAM F. (A'25), Salesman, Canadian Westinghouse Company, Ltd., 355 King St., West, Toronto, Ont.; Canada.
- CHRISTALDI, P. SAMUEL (S'35), Graduate Fellow, Rensselaer Polytechnic Institute, Troy, N.Y. For mail: 3 Prospect Ave., Troy, N.Y.
- CHRISTELER, ALFRED (A'32), Assistant to Chief, Radio and Refrigerator Department, Kaiser and Cie., A.-G., Berne, Switzerland. For mail: Dorigasse 2, Berne, Switzerland.
- CHRISTENSEN, ANDREW B. (A'36), Electrical Engineering Department, Rudolph Wurlitzer Company, North Tonawanda, N.Y. For mail: 420 Payne Ave., North Tonawanda, N.Y.
- CHRISTENSEN, JENS P. (A'16), Sortedams-dossering 23^e, Copenhagen, Denmark.
- CHRISTIANSEN, ERIK L. (A'35), Engineer, Patentdirektoratet (Patent Office), Politortvet 14, Copenhagen, Denmark. For mail: Hostrups Have 20, Copenhagen, Denmark.
- CHRISTIDES, STRATIS C. (A'30), Marine Engineer, U. S. Navy, U.S.S. *Sagamore*, Navy Yard, New York, N.Y.
- CHRISTIE, JAMES B. (A'36), Salesman, Toronto Radio and Sports Company, 241 Yonge St., Toronto, Ont., Canada. For mail: 269 Salem Ave., Toronto, Ont., Canada.
- CHRISTMAN, CHARLES J. (A'31), Radio Service, Hammarlund Manufacturing Co., 424 W. 33rd St., New York, N.Y. For mail: Congers, Rockland County, N.Y.
- CHU, HERBERT C. (A'34), Assistant Engineer, Chinese Government Radio Administration, Fong Ling Chiao, Shanghai, China. For mail: c/o Dr. Fong F. Sec, 34 Scott Rd., Shanghai, China.
- CHU, K. T. (A'21), Kitchen's Radio Library, 40 May Yuan Villa, Nanking, (8), China.
- CHU, MAO-CHIEH (A'34), Electrical Engineer, Anderson, Meyer and Company, Ltd., 21 Yuen Ming Yuen Rd., Shanghai, China. For mail: c/o Andersen, Meyer and Company, Box 265, Shanghai, China.
- CHU, QUONG Y. (T'28-A'34), 617 W. 170th St., New York, N.Y.
- CHUBB, LEWIS W. (M'21), Director, Research Laboratories, Westinghouse Electric and Manufacturing Co., East Pittsburgh, Pa.
- CHUDYK, ALEX B. (S'35), Student, Michigan College of Mining and Technology, College Ave., Houghton, Mich. For mail: 304 Division St., Marquette, Mich.
- CHUN, HERBERT H. (A'26), Engineer, Arc-turus Radio Tube Company, 720 Frelinghuysen Ave., Newark, N.J. For mail: Box 684, Newark, N.J.
- CHUNG, TING TO (A'35), President, Kwangtung Radio Institute, Canton Cement

- Works, Honam, Canton, China. For mail: Kwangtung Wireless Administration, Canton, China.
- CHUNG, WILLIAM Y.** (A'36), Wireless Technician, Cape d'Agular W/T Station, c/o Electrical Office, P.W.D., Hong Kong. For mail: 41 Argyle St., Kowloon, Hong Kong.
- CHUTE, DUDLEY H.** (A'29), Standardizing Laboratory, General Radio Company, 30 State St., Cambridge, Mass. For mail: 525 Summer St., Arlington, Mass.
- CIALDEA, GIULIO M.** (A'34), Machinist Assistant, 2 Kendall Pl., Leominster, Mass.
- CIFRE, JOSEPH S.** (A'35), President, Joseph S. Cifre, Inc., 694 Washington St., Boston, Mass.
- CLAPP, JAMES K.** (A'24-M'28-F'33), Engineer, General Radio Company, 30 State St., Cambridge, Mass. For mail: 21 Lasell St., Auburndale, Mass.
- CLAPP, RICHARD G.** (A'35), Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: Box 222, Rutledge, Pa.
- CLARIDGE, RICHARD E.** (A'36), Incoming Test Department, Stromberg-Carlson Telephone Manufacturing Company, 211 Geary Ave., Toronto, Ont., Canada. For mail: 40 Lightbourne Ave., Toronto, Ont., Canada.
- CLARK, BARRY** (A'34), Development Engineer, Dominion Electohome Industries, Kitchener, Ont., Canada. For mail: 48 Marmaduke St., Toronto, Ont., Canada.
- CLARK, CHARLES F.** (A'28), 2215 Spruce St., Philadelphia, Pa.
- CLARK, EDWARD H.** (A'35), Chief Engineer and Consulting Engineer, Michigan Broadcasting Company, 7310 Woodward Ave., Detroit, Mich.
- CLARK, EDWIN L.** (A'31), Radio Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 927 Merrick Ave., Collingswood, N.J.
- CLARK, FRANK E. T.** (A'34), Television Engineer, British Broadcasting Corporation, Alexandra Palace, London, N. 10, England. For mail: Priory Court, 68, Priory Rd., Hornsey, London, N. 8, England.
- CLARK, GEORGE W.** (A'25), Station Manager, Mackay Radio and Telegraph Company, 713 Bishop St., Honolulu, T.H.
- CLARK, JEAN H.** (A'36), Toll Testboard man, Southern California Telephone Company, 433 S. Olive St., Los Angeles, Calif. For mail: 1132 N. Elwood, Burbank, Calif.
- CLARK, KENNETH G.** (A'30), Inspector-in-Charge, Federal Communications Commission, 207 U. S. Courthouse, Portland, Ore.
- CLARK, LOUIS E.** (A'27), Clark's Radio Service, 298 Highwood Ave., Glen Rock, N.J.
- CLARK, ORVAL** (S'36), Morgan Recording Company, 344 Mills Bldg., 220 Montgomery St., San Francisco, Calif. For mail: 5897 Claremont Ave., Oakland, Calif.
- CLARK, RALPH L.** (A'29), Radio Engineer, Broadcast Section, Engineering Department, Federal Communications Commission, Washington, D.C.
- CLARK, ROBERT G.** (A'31), E. I. C. Receiver Laboratory, Mullard Radio Valve Company, Ltd., Mitcham Works, New Rd., Mitcham Junction, Surrey, England.
- CLARK, ROBERT K.** (P'30-A'30), Engineering Staff, WTR, The Goodwill Station, Inc., 2800 Fisher Bldg., Detroit, Mich. For mail: c/o WJR, R.R. 1, Wyandotte, Mich.
- CLARK, ROBERT W.** (A'29), Assistant Station Engineer, KPO, National Broadcasting Co., Inc., 111 Sutter St., San Francisco, Calif. For mail: Box 1, Belmont, Calif.
- CLARK, TREVOR H.** (A'32), Research Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- CLARK, WILLARD R.** (A'36), Radio Operator, Communications Department, Eastern Airlines, Miami, Fla.
- CLARKE, ALLEN S.** (A'25), Owner, Clarke Engineering Service, 1306 Sheridan St., N.W., Washington, D.C.
- CLARKE, GEORGE E.** (A'25), Engineer in Chief's Office, General Post Office Radio Station, London, England. For mail: 76 Wellington St., Hertford, Herts, England.
- CLARKE, JOHN L.** (A'30), Transmission Engineer, Bell Telephone Company of Canada, 1050 Beaver Hall Hill, Montreal, Que., Canada. For mail: 84-44th Ave., Lachine, Que., Canada.
- CLARKE, MAURICE H.** (A'36), Chief Engineer, WHEC, Inc., 40 Franklin St., Rochester, N.Y.
- CLARKE, RALPH S.** (A'21), Henrici Laundry Machinery Company, Mattapan, Mass. For mail: 27 Milton Ave., Dorchester, Mass.
- CLARKE, VARRO J.** (A'36), 18 Hawk St., Scotia, N.Y.
- CLARKSON, THOMAS R.** (A'30), Assistant Engineer, Post and Telegraph Department, Wellington, New Zealand. For mail: c/o Chief Engineer, G.P.O., Wellington, C. 1, New Zealand.
- CLAUSING, LEROY M. E.** (A'19), Radio Engineer, 5509 1/2 Lincoln Ave., Chicago, Ill.
- CLAVIER, ANDRÉ G.** (M'30), Engineer, Les Laboratoires L.M.T., 46 Avenue de Breteuil, Paris, France. For mail: 16 Avenue du Defand, Parc de Sceaux, Seine, France.
- CLAYTON, JOHN M.** (A'23-M'26), Engineer, General Radio Company, 30 State St., Cambridge, Mass. For mail: 57 Chester Rd., Belmont, Mass.
- CLAYTON, WILLIAM P.** (A'31), Proprietor, Clayton's Radio Shop, 1007 First St. W., Calgary, Alta., Canada.
- CLEMENT, LEWIS M.** (A'14-M'17-F'26), Vice-President-in-Charge, Research and Engineering, RCA Manufacturing Company, Inc., Camden, N.J.
- CLEMENT, PAUL F.** (S'32-A'35), Geophysicist, Gulf Research and Development Company, Box 2038, Pittsburgh, Pa.
- CLEMENTS, MATTHEW** (A'32), Production Foreman, Stromberg-Carlson Telephone Manufacturing Company, 211 Geary Ave., Toronto, Ont., Canada.
- CLEMENTS, SAMUEL E.** (S'36), Graduate Student, Yale University, New Haven, Conn. For mail: 25 Irving St., New Haven, Conn.
- CLEMMONS, WALLACE A.** (A'27), Owner and Operator, Gulf Radio School, 1007 Carondelet St., New Orleans, La.
- CLIFTON, B. S. Y.** (M'15), Engineer-in-Charge, RCA Communications, Inc., Rocky Point, L.I., N.Y.
- CLOSSON, LUKE E.** (A'29), Radio Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 235 S. 21st St., Philadelphia, Pa.
- CLOUGH, KENDALL** (A'27), President and Chief Engineer Clough-Brengle Company, 2815 W. 19th St., Chicago, Ill.
- CLOYD, LANUS W.** (A'32), Engineer, Southwestern Bell Telephone Company, Rm. 1804, 1010 Pine St., St. Louis, Mo.
- CLYNE, EDGAR M.** (A'36), Radio Engineer, Traveltone Radio Party, Ltd., 113 Clarendon St., South Melbourne, Victoria, Australia. For mail: 18 Bourne Rd., Caulfield, Victoria, Australia.
- COATES, ARCHIE L.** (A'35), Transmission Supervisor, Michigan Bell Telephone Company, Rm. 1507, Bell Bldg., 1365 Cass Ave., Detroit, Mich.
- COATES, COLIN** (A'36), Engineer, Western Electric Company, Ltd., Bush House, Aldwych, London, W.C. 2, England. For mail: 66 Mountview Rd., London, N. 4, England.
- COBAS, IGLESIAS R.** (P'36), Clerk, *Fin de Siglo*, San Rafael y Aguilera, Havana, Cuba. For mail: San Pedro, Letra B, Cerro, Havana, Cuba.
- COBB, FREDERICK A.** (A'26-M'28), General Manager, Broadcast Receiving Valve Di-

COB-CON

- vision, Standard Telephone and Cables, Valve Works, Footscray, Sidcup, Kent, England. For mail: 28 Manor Gardens, Purley, Surrey, England.
- COBINÉ, JAMES D. (A'34), Instructor, Graduate School of Engineering, Harvard University, Cambridge, Mass. For mail: 80 Douglas Rd., Belmont, Mass.
- COCHRAN, STANLEY W. (A'35), Electrical Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 264 New Jersey Ave., Collingswood, N.J.
- COCKADAY, LAURENCE M. (A'27-M'34), Editor, *Radio News*, Teck Publications, Inc., 461 Eighth Ave., New York, N.Y. For mail: 547 Second Ave., North Pelham, N.Y.
- COCKER, HERBERT (A'32), Box 672, Taftville, Conn.
- CODEL, MARTIN (A'30), Publisher, *Broadcasting*, 870 National Press Bldg., Washington, D.C.
- CODINGTON, JEROME H. (J'27-A'30), Box 127, Albany, Tex.
- COE, E. WELDON (A'26), Transmission Engineer, Columbia Pictures Corporation, 1438 N. Gower St., Los Angeles, Calif. For mail: 27 N. Sweetzer Ave., Los Angeles, Calif.
- COE, JAMES C. (A'25), Assistant Radio Engineer, U. S. Army, Signal Corps, Ft. McPherson, Atlanta, Ga.
- COE, ROBERT L. (A'32), Supervisor of Operations, KSD, 12th and Olive Sts., St. Louis, Mo.
- COE, ROBERT S. (A'30), Radio Operator, Travelers Insurance Company, 26 Grove St., Hartford, Conn. For mail: 15 Ware Ave., West Hartford, Conn.
- COGGESHALL, IVAN S. (A'26-M'29), General Traffic Supervisor, Western Union Telegraph Company, 60 Hudson St., New York, N.Y.
- COGSWELL, WILSON P. (A'31), Aircraft Section, Radio Division, Bureau of Engineering, Navy Department, Washington, D.C. For mail: 2036 Allen Pl., N.W., Washington, D.C.
- COHAN, EDWIN K. (M'31), Director of Engineering, Columbia Broadcasting System, Inc., 485 Madison Ave., New York, N.Y.
- COHEN, ABRAHAM B. (A'35), Production Engineer, KYW, 1622 Chestnut St., Philadelphia, Pa.
- COHEN, ISAAC J. (A'26), Assistant Engineer, Post Office Research Station, Dollis Hill La., London, England. For mail: 39 Mulgrave Rd., Ealing, London, W. 5, England.
- COHEN, LOUIS (M'14-F'15), 303 Roosevelt St., Bethesda, Md.
- COHEN, MONTE (A'30), F. W. Sickles Company, 300 Main St., Springfield, Mass. For mail: 508 Laurel St., Longmeadow, Mass.
- COHEN, SAMUEL (A'16-M'22), President, General Instrument Company, 829 Newark Ave., Elizabeth, N.J.
- COHN, HUGO (M'30), Treasurer, Radio Receptor Company, Inc., 106 Seventh Ave., New York, N.Y.
- COIL, NEIL B. (A'30), Engineering Department, WTCN, St. Paul and Minneapolis, Minn. For mail: 1664 Thomas St., St. Paul, Minn.
- COLBY, CHARLES C., JR. (A'28), Radio Tube Engineer, Raytheon Manufacturing Company, Newton, Mass.
- COLE, BURTON R. (A'29-M'32), Commercial Manager, KMO-KIT, 914½ Broadway, Tacoma, Wash.
- COLE, CHARLES H. (A'31), Toll Service Supervisor, Pacific Telephone and Telegraph Company, 140 New Montgomery St., San Francisco, Calif.
- COLE, FRED H., JR. (A'34), Executive Engineer, Electric Products Service, 1358 S. Grand Ave., Los Angeles, Calif.
- COLE, NEIL D. (A'29), Associate Radio Engineer, U. S. Naval Air Station, Anacostia, D.C. For mail: 5520-33rd St. N.W., Washington, D.C.
- COLE, RALPH I. (A'29), Associate Radio Engineer, Signal Corps Laboratories, Fort Monmouth, Oceanport, N.J.
- COLE, WILLIAM A. (A'34), Proprietor, Modern Wireless Supplies, 3, Queen's Park Ter., Charmingster Rd., Bournemouth, Hants, England.
- COLEMAN, GEORGE A. (A'36), Radio Engineer, WGST, Ansley Hotel, Atlanta, Ga. For mail: 1314 Northview Ave., N.E., Atlanta, Ga.
- COLEMAN, HAROLD E. (A'35), 7 W. Ninth St., McCook, Neb.
- COLEMAN, JOHN B. (A'25-M'29), Manager, Transmitter Engineering Division, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 102 Avondale Ave., Haddonfield, N.J.
- COLES, FRANCIS A. (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- COLLIER, GEORGE X. M. (A'31), Operating Engineer, WCCO, Northwest Broadcasting, Inc., Minneapolis, Minn. For mail: 1816 S. Third Ave., Anoka, Minn.
- COLLINGS, RUPERT H. P. (A'34), Engineer, Marconi's Wireless Telegraph Company, Ltd., Electra House, Victoria Embankment, London, England.
- COLLINS, ARTHUR A. (J'26-A'32), President, Collins Radio Company, 2920 First Ave., Cedar Rapids, Iowa.
- COLLINS, LEWIS R. (A'36), Serviceman, Bartlett Radio Company, 642 Congress St., Portland, Maine. For mail: 313 Deering Ave., Portland, Maine.
- COLLINS, REUBEN J. (A'34), Research Engineer, Radio Corporation Party, Ltd., 11-21 Sturt St., South Melbourne, S.C. 5, Victoria, Australia. For mail: 4 Emmaline St., Croxton, N. 16, Melbourne, Australia.
- COLPITTS, EDWIN H. (A'14-F'26), Vice President, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- COLVIN, RUEL (A'27), Radio Engineer, Radio Research Company, Inc., 1204 Irving St., N.E., Washington, D.C. For mail: 1904 Varnum St., N.E., Washington, D.C.
- COLWELL, ROBERT C. (A'21-M'29), Professor of Physics, West Virginia University, Morgantown, W. Va. For mail: 332 Demain Ave., Morgantown, W. Va.
- COMBS, EDWARD E., JR. (A'36), 834-11th St., N.E., Washington, D.C.
- COMFORT, HAROLD F. (A'34), Supervisor, Philadelphia Storage Battery Company, Ontario and C Sts., Philadelphia, Pa. For mail: 202 N. Penn St., West Chester, Pa.
- CONA, LIM S. (A'35), Vacuum Tube Engineer, Litton Engineering Laboratories, Eaton Rd., Redwood City, Calif. For mail: 731½ Clay St., San Francisco, Calif.
- CONDREN, JOHN M., JR. (S'36), Student, Cornell University, Ithaca, N.Y. For mail: Gramhamsville, N.Y.
- CONE, DONALD I. (A'31), Transmission and Protection Engineer, Pacific Telephone and Telegraph Company, 140 New Montgomery St., San Francisco, Calif.
- CONKLIN, JAMES W. (A'31), Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 156 Paris Ave., Audubon, N.J.
- CONLEY, WILFRED H. (S'36), Student and Serviceman, 511 Gordon Ave., Van Wert, Ohio.
- CONNAN, WILLIAM J. (A'34), Telegraph Engineer, Post and Telegraph Department, Whangarei, New Zealand.
- CONNELL, W. H. (A'36), Engineer, The Gramophone Company, Ltd., Hayes, Middx., England. For mail: 4 Dorset Way, Hillingdon, Middx., England.
- CONNETTE, THOMAS W. (A'29), General

- Manager, Lockport Division, New York State Electric and Gas Corporation, 115 Main St., Lockport, N.Y.
- CONNOR, GEORGE C. (A'35), Commercial Engineer, Hygrade Sylvania Corporation, 500 Fifth Ave., New York, N.Y. For mail: 35-64-84th St., Jackson Heights, L.I., N.Y.
- CONNOR, WILLIAM H. (A'31), Development Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 274 Kings Highway, E., Haddonfield, N.J.
- CONROY, JOSEPH M. (A'23), Works Engineer, Canadian Marconi Company, Ltd., Box 1690, Montreal, Que., Canada.
- CONVISER, HARRY (A'31), 5908-21st Ave., Brooklyn, N.Y.
- COOK, ARTHUR (A'35), Assistant Engineer, Post Office Engineering Department, Radio Branch, Armour House, St. Martins-le-Grand, London, E.C. 1, England.
- COOK, ELLSWORTH D. (A'21), General Engineering Laboratory, General Electric Company, Schenectady, N.Y. For mail: 225 Ballston Ave., Scotia, N.Y.
- COOK, FRANK W. (A'30), Radio Clerk, Burstein Applebee Company, 1012-14 McGee St., Kansas City, Mo. For mail: 1920 Myrtle Ave., Kansas City, Mo.
- COOK, JACKSON H. (S'35), Graduate Student, Harvard University, Cambridge, Mass. For mail: 16 Belfry Ter., Lexington, Mass.
- COOK, JOHN W. (A'26), Equipment Engineer, Telegraph Department, Atchison, Topeka and Santa Fe Railway Company, Topeka, Kan. For mail: 1420 Ashland Ave., Topeka, Kan.
- COOK, LAWRENCE (A'36), Head of Test Department, Boonton Radio Corporation, Boonton, N.J. For mail: 81 Dixon Ave., Boonton, N.J.
- COOK, ROBERT O. (A'26), Film Cutter, Walt Disney Productions, Ltd., 2719 Hyperion Blvd., Los Angeles, Calif. For mail: 1956 Myra Ave., Los Angeles, Calif.
- COOKE, GERALD W. (A'26), Chief Engineer, WBAL Broadcasting Company, Lexington Bldg., Baltimore, Md.
- COOKE, NELSON M. (A'34), U. S. Navy, U.S.S. *Saratoga*, San Pedro, Calif.
- COOMBS, WILLIAM C. (S'33-A'35), Harrington, Wash.
- COOMES, EDWARD A. (A'33), 427 Beacon St., Boston, Mass.
- COON, C. EVERETT (A'35), Engineer, RCA License Laboratory, 711 Fifth Ave., New York, N.Y. For mail: 15 Union St., Montclair, N.J.
- COOPER, DONALD T. (S'34), Student, Lehigh University, Bethlehem, Pa. For mail: 7805 Pine Rd., Chestnut Hill, Philadelphia, Pa.
- COOPER, JACK A. (A'35), Assistant Superintendent Engineer, British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: 5, Lyncroft Ave., Pinner, Middx., England.
- COOPER, JOHN C., JR. (A'36), Vice President, Pan American Airways, Chrysler Bldg., New York, N.Y. For mail: The Barracks, 32 Edgehill St., Princeton, N.J.
- COOPER, SAMUEL J. (A'25), Superintendent of Telegraphs, Canadian Marconi Company, Ltd., 211 St. Sacrement St., Montreal, Que., Canada.
- COOPER, WILLIAM H. B. (J'28-A'32), Probationary Assistant Engineer, Post Office Engineering Department, Post Office Research Station, Dollis Hill, London, England. For mail: 46 Ruislip Ct., Westend Rd., Ruislip, Middx., England.
- COOPER, WILLIAM H. (A'30), Chief Engineer, Pilot Radio Corporation, 37-06-36th St., Long Island City, L.I., N.Y. For mail: Morris Pl., Port-au-Peck, Long Branch, N.J.
- COPELLI, S. (A'35), Wireless Operator, S/Y *Elettra*, For mail: Corso Galliera 16-14 Sc. C., Genova, Italy.
- CORCORAN, ALVIN E. (A'34), Radio Operator, Transcontinental and Western Air, Inc., 5240 W. 63rd St., Chicago, Ill.
- CORDELL, PETER C. (A'29), Laboratory Assistant, Radio Frequency Laboratories, Inc., Boonton, N.J. For mail: 236 Morrissor Ave., Boonton, N.J.
- CORDES, EDWIN L. (A'36), Instructor, Marquette University, 1217 Wisconsin Ave., Milwaukee, Wis. For mail: 3304 N. Oakland Ave., Milwaukee, Wis.
- CORMACK, ALAN N. (A'36), Technical Director, KFRC, 1000 Van Ness Ave., San Francisco, Calif.
- CORNELIUS, LUTHER W. (A'36), Tester, Humble Oil and Refining Company, Baytown, Tex. For mail: Box 331, Baytown, Tex.
- CORNELL, J. IRVING (M'36), Chief Engineer, The Magnavox Company, Fort Wayne, Ind.
- CORNES, RANDOLPH W. (S'36), Serviceman, General Electric X-ray Corporation, 450 Sutter St., San Francisco, Calif. For mail: 1851 Capistrano Ave., Berkeley, Calif.
- CORONITI, SAMUEL C. (A'31), Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- CORRIGAN, CHESTER J. (A'30), Miami Representative, Radiomarine Corporation of America, 208 N.E. 79th St., Miami, Fla.
- CORRIGAN, JAMES T. (A'26), Recording Engineer, Pathé Sound News, 35 W. 45th St., New York, N.Y. For mail: 1819 G St., N.W., Washington, D.C.
- CORWITH, HOWARD P. (M'26), Engineer of Electronics, Western Union Telegraph Company, 60 Hudson St., New York, N.Y. For mail: Walter Mill, L.I., N.Y.
- COSANDEY, CHARLES J. (A'36), Instructor in Electrical Engineering, Physics, and Mathematics, Duluth Junior College, Duluth, Minn. For mail: 1509 E. First St., Duluth, Minn.
- COTTER, WILLIAM F. (A'27), Radio Engineering Division, Stromberg Carlson Telephone Manufacturing Company, 100 Carlson Rd., Rochester, N.Y.
- COTTRELL, ALFRED (A'36), Installer, Chesapeake and Potomac Telephone Company, 725-13th St., Washington, D.C. For mail: 7218 Blair Rd., Washington, D.C.
- COTTRELL, MC KENZIE (A'28), Radio Engineer, General Electric Company, Bridgeport, Conn. For mail: 545 Windsor Ave., Stratford, Conn.
- COURCHENE, HOMER B. (A'27), Radio Operator, WENR, National Broadcasting Company, Downers Grove, Ill. For mail: 4808 Stanley Ave., Downers Grove, Ill.
- COURSEY, PHILIP R. (A'17), Technical Director, Dubilier Condenser Company, Ltd., London, Ducon Works, Victoria Rd., North Acton, London, W. 3, England. For mail: 67, Queens Rd., Richmond Surrey, England.
- COURT, THOMAS P. (A'35), Engineer, Standard Telephones and Cables, Australia, Ltd., 82 Myrtle St., Chippendale, Sydney, Australia.
- COURTENAY, JUSTIN A. (A'31), Transmission Maintenance Supervisor, Southern Bell Telephone and Telegraph Company, 820 Poydras St., New Orleans, La.
- COURTIS, REGINALD P. (A'26), 14251 Longview, Detroit, Mich.
- COUSINS, VAN M. (A'25), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- COUTTS, STUART A. (A'33), Radio Engineer, Radio House, Victoria Rd., Horley, Surrey, England.
- COWAN, EDWARD J. (A'28), Assistant Patent Attorney, Radio Corporation of America, 30 Rockefeller Plaza, New York, N.Y. For mail: 70 Edgewood Ave., Springdale, Conn.
- COWAN, FRANK A. (M'30), Engineer of Transmission, American Telephone and Tele-

COX-CUL

- graph Company, Rm. 2105, 32 Sixth Ave., New York, N.Y.
- COX, FRANKLYN V. (A'35), 208 W. Sixth, S., Salt Lake City, Utah.
- COX, WALLACE (A'31), Repairman, Radio Division, Noblitts-Sparks Industries, Inc., Columbus, Ind. For mail: 616 W. Eighth St., Rushville, Ind.
- COYKENDALL, JOHN C. (A'35), Assistant Engineer, Radio Receiver Engineering Department, General Electric Company, Building 33-E, Bridgeport, Conn.
- COZZENS, WILLIAM D'O. (A'34), Chief Engineer, KLO, Hotel Ben Lomond, Ogden, Utah. For mail: 2780 Quincy Ave., Ogden, Utah.
- CRABTREE, ALFRED E. (A'26), Serviceman Titcher Goettinger Co., Dallas, Tex. For mail: 2506 Gladstone Dr., Dallas, Tex.
- CRABTREE, KENNETH G. (A'36), Instructor, Electrical Engineering Department, University of Maine, Orono, Maine. For mail: 46 Main St., Orono, Maine.
- CRADICK, RAYMOND L. (A'34), Service Technician and Partner, Mullumbimby Radio Service, Dalley St., Mullumbimby, N.S.W., Australia. For mail: c/o A. E. Budd and Sons, Mullumbimby, N.S.W., Australia.
- CRAIGS, HERBERT H. (A'36), The Craggs Electrical Instrument Company, Sydney, N.S.W., Australia. For mail: North Rd., Eastwood, N.S.W., Australia.
- CRAIB, JAMES F. (S'35), Research Laboratory, Stromberg-Carlson Telephone Manufacturing Company, 100 Carlson Rd., Rochester, N.Y.
- CRAIG, ALBERT G. (A'27), Braselton, Whitcomb, and Davies, 52 Vanderbilt Ave., New York, N.Y. For mail: 127 Valentine La., Yonkers, N.Y.
- CRAIG, PALMER H. (A'25), Vice President and Director of Laboratory, Inveq Corporation, c/o Roller-Smith Co., Bethlehem, Pa.
- CRAIG, PALMER M. (A'35), Research Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 6757 Collins Ave., Merchantville, N.J.
- CRAIG, ROBERT B. (A'30), 1066 Franklin St., Pierre, S.D.
- CRAMPTON, WILLIAM J. (M'21), Electrical Engineer, 73 Queen Victoria St., London, E.C. 4, England.
- CRAPP, GEORGE L. (A'32), Assistant Technical Supervisor, WCAU, Philadelphia, Pa. For mail: 7925 Westview Ave., Highland Park, Pa.
- CRAVEN, CLAUDE L. (A'32), Engineering Assistant, Bell Telephone Company of Philadelphia, 1835 Arch St., Philadelphia, Pa. For mail: 517 Midvale Ave., Philadelphia, Pa.
- CRAVEN, TUNIS A. M. (F'29), Chief Engineer, Federal Communications Commission, Washington, D.C.
- CRAWFORD, ARTHUR B. (A'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., Red Bank, N.J. For mail: Box 107, Red Bank, N.J.
- CRAWFORD, CECIL G. (A'26), Equipment Department, British Broadcasting Corporation, 87, King's Ave., Clapham, London, S.W. 4, England. For mail: Bracklyn, 27, Maldon Rd., Wallington, Surrey, England.
- CRAWFORD, DAVID M. (A'36), Lieutenant Colonel, Signal Corps, U. S. Army, Office of Chief Signal Officer, Munitions Bldg., Washington, D.C.
- CRAWFORD, JOHN D. (A'29), Assistant Secretary Advertising Manager, Institute of Radio Engineers, 330 W. 42nd St., New York, N.Y.
- CRAWFORD, RALPH D. (A'32), Electrical Engineer, Erie Resistor Corporation, 644 W. Twelfth St., Erie, Pa. For mail: 451 W. Eighth St., Erie, Pa.
- CREAGER, FREDERICK L. (A'31), Superintendent, Engineering Model Shop, RCA Manufacturing Company, Inc., Bldg. 7, First Floor, Camden, N.J.
- CREAMER, W. J., JR. (A'29), Associate Professor of Electrical Communication, University of Maine, Orono, Maine. For mail: 331 Center St., Bangor, Maine.
- CREUTZ, JOHN (A'35), Consulting Engineer, E. C. Page, 725 Noyes St., Evanston, Ill. For mail: R.F.D. 1, Milton Junction, Wis.
- CREWS, FLOYD H. (A'35), Patent Lawyer, Darby and Darby, 405 Lexington Ave., New York, N.Y.
- CROFTS, CECIL T. (A'29), Radio Dealer, The Radio Shop, 467 King St., E., Hamilton, Ont., Canada. For mail: 200 London St., S., Hamilton, Ont., Canada.
- CROM, GEORGE C., JR. (A'22-M'34), Engineering Department, Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N.Y. For mail: 204 Sanders Rd., Buffalo, N.Y.
- CRONINGER, K. BERNARD (J'36), Auto Radio Service, United Motor Service, 1375 E. Eighth St., c/o Olds Motor Works, Oakland, Calif. For mail: 1062 Divisadero St., San Francisco, Calif.
- CRONVICH, JAMES A. (S'36), Student, Tulane University of Louisiana, New Orleans, La. For mail: 4708 Banks St., New Orleans, La.
- CROSBY, GEORGE L. (M'32), Vice President, Roller-Smith Company, 233 Broadway, New York, N.Y.
- CROSBY, HOWARD M. (A'31), Radio Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 625 Plymouth Ave., Schenectady, N.Y.
- CROSBY, MURRAY G. (A'25), Radio Engineer, RCA Communications, Inc., Riverhead, L.I., N.Y.
- CROSBY, ROGERS (A'36), Engineer, Federal Telegraph Company, 200 Mount Pleasant Ave., Newark, N.J.
- CROSLLEY, POWELL JR. (A'22-M'25), President, Crosley Radio Corporation, 3401 Colerain Ave., Cincinnati, Ohio.
- CROSS, ARTHUR (J'30-A'32), Engineer-in-Charge, South Wales Rediffusion Services, Ltd., 21, St. Helens Rd., Swansea, Glam. Wales.
- CROSS, CLIVE E. (A'35), Sound Engineer, Cinesound Products, Ltd., Ebley St., Waverlev, Sydney, Australia.
- CROSSETT, EDWARD C. (A'27), Railway Exchange, Chicago, Ill.
- CROSSLEY, ALFRED (A'19-M'26), Consulting Engineer, 154 E. Erie St., Chicago, Ill.
- CROUCH, JOHN (A'36), Laboratory Assistant, Noblitt Sparks, Inc., Columbus, Ind. For mail: 1628 Cottage Ave., Columbus, Ind.
- CROWE, FRANCIS C. (A'35), Goodyear Tire and Rubber Company, Bowmanville, Ont., Canada. For mail: Box 297, Bowmanville, Ont., Canada.
- CROWLEY, JOHN F. (A'36), Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: Germantown Y.M.C.A., Greene and Chelton Sts., Philadelphia, Pa.
- CROYSBILL, WILLIAM T. (A'36), Manufacturer's Agent, Webster Electric Company, Racine, Wis. For mail: 966 Lafayette Ave., Buffalo, N.Y.
- CROZIER, WILLIAM D. (A'27), Instructor in Mathematics and Physics, Rose Polytechnic Institute, Terre Haute, Ind.
- CUERVO, LUIS S. (A'25), Managing Director, Sociadadiberica de Construcciones Electrica, Madrid, Spain. For mail: Apartado 990, Zurbano, 14, Madrid, Spain.
- CUESTA, NESTOR, JR. (A'35), Operator, XERA, Villa Acuna, Coah, Mexico.
- CULLEY, LESTER D. (A'27), Studio Engineer, National Broadcasting Company, Inc., 111 Sutter St., San Francisco, Calif. For mail: 955 Clayton St., San Francisco, Calif.
- CULLUM, A. EARL, JR. (J'28-A'31), Radio Engineering Consultant, 2935 N. Henderson Ave., Dallas, Tex.

- CULMONE, FRANK T.** (A'36), Real Estate, 185 Montague St., Brooklyn, N.Y. For mail: 9525-75th St., Woodhaven, L.I., N.Y.
- CULVER, CHARLES A.** (M'20), Professor of Physics, Carleton College, Northfield, Minn.
- CULVER, RONALD H.** (S'33-A'36), Engineer, Jansky and Bailey, 924 National Press Bldg., Washington, D.C.
- CUMERFORD, ARTHUR S.** (A'26), 21 Daniels St., Pawtucket, R.I.
- CUMMING, ALISON A.** (A'36), Sales Engineer, Canadian National Carbon Company, Ltd., 805 Davenport Rd., Toronto 4, Ont., Canada.
- CUMMING, JOHN E.** (A'34), Lieutenant, Department of National Defense, Ottawa, Ont., Canada. For mail: c/o Director of Signals, Elgin Bldg., Ottawa, Ont., Canada.
- CUMMING, KENNETH N.** (A'16-M'28), Assistant Plant Engineer, RCA Communications, Inc., 66 Broad St., New York, N.Y. For mail: 839 Osborne Ave., Plainfield, N.J.
- CUMMING, L. GORDON** (A'36), Supervisor of Radio, Metropolitan District Commission of Massachusetts, Boston, Mass. For mail: 96 Pickney St., Boston, Mass.
- CUMMINGS, B. RAY** (A'18-M'20), Engineering Department, Transmitter Division, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 234 Jefferson Ave., Haddonfield, N.J.
- CUMMINGS, G. MORTON** (A'32), Equipment and Transmission Engineering, Southwestern Bell Telephone Company, 1010 Pine St., St. Louis, Mo. For mail: 7200 Delta Ave., Richmond Heights, St. Louis County, Mo.
- CUMMINGS, JOHN J.** (A'30), Member, Engineering Staff, WFIL, Philadelphia, Pa. For mail: 414 Broadway, Camden, N.J.
- CUNNINGHAM, E. WAYNE** (S'33), Equipment Engineering Company, 3123 San Fernando Rd., Los Angeles, Calif.
- CUNNINGHAM, FREDERICK W.** (A'26-M'28), Radio Installation Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 45 Park Rd., Maplewood, N.J.
- CUNNINGHAM, STEWART M.** (A'36), Cost Clerk, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 314 W. Fifth St., Emporium, Pa.
- CUNNINGHAM, WALTER S.** (A'36), Circuit Engineer, Tube Application Department, Hygrade Sylvania Corporation, Emporium, Pa.
- CUREDAL, ROBERT G.** (A'36), Amalgated Wireless, Sydney, Australia. For mail: 5 Delhi Pl., West Perth, Western Australia.
- CURRAN, GEORGE W.** (A'25), Technical Department, KFI-KECA, 1000 S. Hope St., Los Angeles, Calif. For mail: 6710 Fourth Ave., Los Angeles, Calif.
- CURRIE, W. OTHO** (A'31), Radio Service Engineer, Bob Ahey, Radios, 905 W. Magnolia Ave., Fort Worth, Tex. For mail: 2301 Mistletoe Ave., Fort Worth, Tex.
- CURRY, ARNET A.** (A'36), Radio Engineer, Indiana State Police, Radio Division, 149 Statehouse, Indianapolis, Ind.
- CURTIS, AUSTEN M.** (A'12-M'13), Research Engineer, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y. For mail: 217 Edgewood Ter., South Orange, N.J.
- CURTIS, JAMES O.** (A'27), Serviceman, M. O. Neil Company, S. Main St., Akron, Ohio. For mail: 646 Fultz St., Akron, Ohio.
- CURTIS, KENNETH V.** (A'36), Radio Operator, Radiomarine Corporation of America, 476 Atlantic Ave., Boston, Mass. For mail: 44 Puritan Ave., Swampscott, Mass.
- CURTIS, LESLIE F.** (A'18-M'29), Chief Engineer, Radio Division, United American Bosch Corporation, Main St., Springfield, Mass. For mail: 162 Springfield St., Springfield, Mass.
- CURTIS, LUCIEN B.** (A'36), Engineer, Research and Development Laboratories, RCA Manufacturing Company, Inc., RCA Radio-tron Division, Harrison, N.J. For mail: 331 Park Ave., Nutley, N.J.
- CURTIS, PAUL E.** (A'36), Engineer, KALB, Alexandria, La. For mail: 225 Third St., Alexandria, La.
- CURTIS, RICHARD C.** (A'30), Engineer, Wired Radio, Inc., Ampere, N.J. For mail: 106 N. Walnut St., East Orange, N.J.
- CURTIS, WESTLEY F.** (A'29), Assistant Physicist, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: Box 5113, Benning, D.C.
- CURTISS, ARTHUR N.** (A'36), 201 Guilford Ave., Collingswood, N.J.
- CUSHING, T. FRANK** (A'31), Proprietor, Radio Retail Sales and Service, 345 Worthington St., Springfield, Mass. For mail: 78 College St., Springfield, Mass.
- CUSTER, CHARLES J.** (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- CUTLER, KENNETH W.** (A'31), Proprietor, Cutler Service Station, Myrtle Point, Ore.
- CUTTING, FULTON** (M'15-F'21), Chairman of the Board, Colonial Radio Corporation, 254 Rano St., Buffalo, N.Y.
- CZEGLÉDY, GEORGE A.** (A'36), Engineer, Standard Electric Company, Ltd., Ujpest, 4, Hungary. For mail: Podmanizky 12, Budapest, VII, Hungary.

D

- D'AGOSTINO, ALBERTO** (S'33-A'36), Radio Engineer, E.I.A.R., Via Montello 5, Rome, Italy. For mail: Viale Angelico 117/27, Rome, Italy.
- D'AGOSTINO, VINCENT F.** (A'34), Production Engineer, Electrad, Inc., 175 Varick St., New York, N.Y. For mail: 798 Myrtle Ave., Brooklyn, N.Y.
- DAIGLE, AUSTIN A.** (A'36), Chief Radioman, U. S. Navy, U. S. Naval Radio Station, St. Paul Island, Bering Sea, Alaska.
- DAILY, CHARLES R.** (A'35), Sound Engineer, Electrical Research Products, Inc., 7026 Santa Monica Blvd., Los Angeles, Calif. For mail: 113 N. Laurel Ave., Los Angeles, Calif.
- DAILY, HAROLD C.** (A'36), Tropical Radio Telegraph Company, 1001 Fourth St., San Francisco, Calif.
- DALE, George V.** (A'30), Engineer, Bell Telephone Laboratories, Inc., Deal, N.J.
- DALE, JOHN** (A'36), Radio Service Manager, F. W. Birkett and Sons, Ltd., Northgate, Cleckheaton, England. For mail: 20 Bromley Rd., Birkby, Huddersfield, England.
- DALLIN, EDWIN B.** (M'29), Test Engineer, Submarine Signal Company, 160 State St., Boston, Mass. For mail: 84 Oakland Ave., Arlington, Mass.
- DALTON, BERNARD J.** (J'35), Student, University of Nebraska, Lincoln, Neb. For mail: 235 S. 26th St., Lincoln, Neb.
- DALTON, RAYMOND A.** (A'36), Chief Engineer, WDNC, Washington Duke Hotel, Durham, N.C.
- DALY, EDMUND** (A'29), Manager and Chief Technician, Daly Radio and Sound Service, Seaforth, Ont., Canada. For mail: Box 515, Seaforth, Ont., Canada.
- DAMM, ROBERT M.** (A'36), Owner, Oxford Radio Service, West Park Pl., Oxford, Ohio.
- DANDRETA, WILLIAM** (A'32), Manager, William Dandreta and Company, 129 Regent Ave., Providence, R.I.
- DANE, FRANCIS W.** (M'26), Radio Engineer, E. S. Ritchie and Sons, Inc., 112 Cypress St., Brookline, Mass. For mail: Box 28, Hamilton, Mass.
- DANFORTH, RICHARD S.** (A'27), Pacific Coast Sales Manager, Alco Products, Inc., 821 Rialto Bldg., San Francisco, Calif.
- DANIELS, HAROLD H.** (A'31), Purchasing Agent, Remler Company, Ltd., 2101 Bryant St., San Francisco, Calif. For mail: 1717 Versailles, Alameda, Calif.

DAN-DEC

- DANIELS, THOMAS E. (A'36), Chief Engineer, Radio Service Laboratories, Sourlake, Tex.
- D'ARCY, NORMAN W. (A'36), Engineer, Research Department, British Broadcasting Corporation, Broadcasting House, London, W., England. For mail: 8 Hampstead Hill Gardens, London, N.W. 3, England.
- DARGIE, DAVID A. (A'35), Radio Service, Box E, Holbrook, Ariz.
- DARLING, ARTHUR I. (A'35), Wrapper, Ernest Simons Manufacturing Company, Port Chester, N.Y. For mail: 24 Exchange Pl., Port Chester, N.Y.
- DARLINGTON, EUGENE S. (A'36), In Charge, Short-Wave Broadcasting, General Electric Company, 1 River Rd., Schenectady, N.Y.
- DARROW, LEO H. (A'34), Engineer of Buildings and Equipment, New Jersey Bell Telephone Company, 540 Broad St., Newark, N.J. For mail: 449 Wyoming Ave., Maplewood, N.J.
- DART, HARRY F. (A'20-M'26), Radio Engineer, Westinghouse Lamp Company, Bloomfield, N.J. For mail: 33 Burnett St., Glen Ridge, N.J.
- DARWIN, FRED A. (S'36), Engineering Apprentice, Traffic Department, Western Union Telegraph Company, 60 Hudson St., New York, N.Y. For mail: 32-54-83rd St., Jackson Heights, L.I., N.Y.
- DASBIT, L. RANDALL (A'29), Lieutenant, U. S. Navy, Naval R.O.T.C. Unit, University of California, Berkeley, Calif.
- DAUGHARTY, GLENN B. (A'36), Instructor, Radio College of Canada, 863 Bay St., Toronto, Ont., Canada. For mail: 224 Jarvis St., Toronto, Ont., Canada.
- DAUGHERTY, CARL F. (A'36), Chief Engineer, WSB, Atlanta Journal Company, 7 N. Forsyth St., Atlanta, Ga. For mail: WSB, Biltmore Hotel, Atlanta, Ga.
- DAVID, BRUCE W. (A'22-M'27), Radio Engineer, Cleveland Electric Illuminating Company, 75 Public Sq., Cleveland, Ohio.
- DAVID, WILLIAM R. (A'26), Radio Engineering Department, General Electric Co., 1 River Rd., Schenectady, N.Y.
- DAVIDSON, CLARENCE E. (A'36), Chief Engineer, WFFB, Hattiesburg, Miss. For mail: 204 N. 25th Ave., Hattiesburg, Miss.
- DAVIES, GOMER L. (M'33), Radio Engineer, Washington Institute of Technology, 802 McLachlen Bldg., Washington, D.C. For mail: 623 Woodside Pkwy., Silver Spring, Md.
- DAVIS, ALBERT F. (A'34), Assistant Electrical Engineer, Central Vermont Public Service Company, Rutland, Vt. For mail: 17 Woodstock Ave., Rutland, Vt.
- DAVIS, CHESTER (A'29), Engineering Assistant, Michigan Bell Telephone Company, 1365 Cass Ave., Detroit, Mich. For mail: 71 Alger Ave., Detroit, Mich.
- DAVIS, CHESTER L. (A'24-M'28), Patent Department, Radio Corporation of America, 832-34 Washington Bldg., Washington, D.C.
- DAVIS, DARYL D. (A'14), Assistant Professor of Electrical Engineering, University of California, Berkeley, Calif.
- DAVIS, EDMONSTON J. (A'36), 225 Sixth St., Downers Grove, Ill.
- DAVIS, GEORGE C. (A'30), Engineer, Federal Communications Commission, Washington, D.C.
- DAVIS, GLEN A. (A'29), Chief Radio Engineer, WCPO, Hotel Sinton, Cincinnati, Ohio.
- DAVIS, JACK W. (S'36), Student, University of Arkansas, Fayetteville, Ark. For mail: Box 453, Fayetteville, Ark.
- DAVIS, RALPH B. (A'34), Experimenter, Prestonsburg, Ky.
- DAVIS, ROBERT J. (A'27), Engineer, Transmitter Section, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 214 Morgan Ave., Collingswood, N.J.
- DAVIS, ROBERT L. (A'25), Consulting Engineer, For mail: 535 Fountain St., Grand Rapids, Mich.
- DAVIS, SELDEN I. (A'28), Assistant Supervisor, Sound Engineering Department, Warner Bros. Theatres, 207 Clark Bldg., Pittsburgh, Pa. For mail: 425 Montview Pl., Wilkensburg, Pa.
- DAVIS, THOMAS McL. (M'28), Radio Engineer, U. S. Naval Research Laboratory, Anacostia Station, Bellevue, D.C. For mail: 4302 Brandywine St., N.W., Washington, D.C.
- DAWE, FRANK W. (A'31), Manager, Engineering Division, Government Contract and Instrument Department, E. K. Cole, Ltd., Southend-on-Sea, England. For mail: 31 Arundel Gardens, Westcliff-on-Sea, England.
- DAWES, HOWARD H. (A'31), Service Manager, General Radio Company, 30 State St., Cambridge, Mass.
- DAWES, RICHARD M. (M'36), Lt. Colonel, Dorset (Fortress) Royal Engineers (T), Wireless and Electrical Engineer, 41 South St., Dorchester, Dorset, England.
- DAWSON, HENRY S. (A'35), Research Engineer, Rogers Radio Tubes, Ltd., 100 Sterling Rd., Toronto 9, Ont., Canada.
- DAY, GEORGE (A'36), Research Engineer, Dictograph Products Company, 95-45-149th St., Jamaica, L.I., N.Y. For mail: 701 Franklin Ave., Brooklyn, N.Y.
- DAYTON, BAILEY L. (A'33), American Telephone and Telegraph Company, 32 Sixth Ave., New York, N.Y. For mail: Lawrenceville, N.J.
- DEAKIN, GERALD (A'16), Vice President and General Technical Director, International Telephone and Telegraph Corporation, 67 Broad St., New York, N.Y.
- DEAL, HARMON B. (M'36), Radio Engineer, RCA License Laboratory, 711 Fifth Ave., New York, N.Y. For mail: 11 Hillside Ave., Glen Ridge, N.J.
- DEAN, CHARLES E. (A'29-M'36), Radio Engineer, Hazeltine Service Corporation, 333 W. 52nd St., New York, N.Y.
- DEAN, HAROLD B. (A'36), Instructor, Physics Department, Western Technical School, Evelyn Cresc., Toronto 9, Ont., Canada. For mail: 86 Glendonwynne Rd., Toronto 9, Ont., Canada.
- DEAN, LEON W. (A'29), Engineer, Rawson Electrical Instrument Company, 110 Potter St., Cambridge, Mass. For mail: 53 Union St., Mansfield, Mass.
- DEANE, TSUNG Y. (A'35), Director, Kwangtung Provincial Broadcasting Administration, Canton, China. For mail: Canton Municipal Telephone Administration, Canton, China.
- DEARDORFF, RALPH W. (A'14), Transmission and Protection Engineer, Pacific Telephone and Telegraph Company, Portland, Ore.
- DE BAGNEUX, RAOUL (A'36). For mail: 7 Rue Monsieur 7, Paris VII, France.
- DE BARRO, FRANCIS (A'31), Marconi Transmitting Station, Abu Zabal, Near Cairo, Egypt.
- DE BELLESCIZE, HENRI J. J. M. (M'26), 47 Boulevard de la Seine, Neuilly, Seine, France.
- DE BOZAS, GUY DU BOURG (A'19), De lasko d'Entreprises, Electro-Techniques, Paris, France. For mail: 35 Rue du General Foy, Paris, France.
- DE BURGH, DESMOND H. (A'24-M'26), Wing Commander, Royal Aircraft Establishment, Farnborough, Hants, England. For mail: c/o Lloyds Bank, 68 Warwick Sq., London, S.W., England.
- DECINO, ALFRED (A'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., Deal, N.J.
- DE COUTOULY, GUSTAVE C. (A'20), Radio Engineer, Western Electric Company, 463 West St., New York, N.Y. For mail: 16 Woodcliff Dr., Madison, N.J.

- DE FOREST, LEE (M'14-F'18), Engineer, Lee de Forest Laboratories, 5106 Wilshire Blvd., Los Angeles, Calif. For mail: 8190 Hollywood Blvd., Los Angeles, Calif.
- DE FRIESE, FREDERICK C. (A'36), Design Engineer, Communications Development Laboratory, 50 Kingsbridge Rd., E., New York, N.Y.
- DE GRAAFF, ANTONIUS (A'23), Bibliothek-Centrale Department, N. V. Phillips' Gloeilampenfabrieken, Eindhoven, Netherlands.
- DEHLINGER, WALTER (A'36), Physicist, Hygrade Sylvania Corporation, St. Marys, Pa. For mail: 203 Washington St., St. Marys, Pa.
- DEICHMAN, GEORGE A. (A'36), Physics Shop Foreman, Hygrade Sylvania Corporation, St. Marys, Pa. For mail: Box 64, Ridgeway, Pa.
- DEILER, THEODORE G. (A'27-M'27), Inspector-in-Charge, Federal Communications Commission, 326 Customhouse Bldg., New Orleans, La.
- DE LASZLO, STEPHEN P. (A'35), Managing Director, High Vacuum Valve Company, Ltd., 113 Farrington Rd., London, England. For mail: 22 Rutland Ct., Knightsbridge, London, S.W., England.
- DELLINGER, JOHN HOWARD (F'23), Chief, Radio Section, National Bureau of Standards, Washington, D.C.
- DE LONG, OSCAR A., JR. (A'20), American Telephone and Telegraph Company, 195 Broadway, New York, N.Y. For mail: Box 190, Montclair, N.J.
- DELORAIN, EDMOND M. (M'25), Radio Engineer, International Standard Electric Corporation, 46 Avenue de Breteuil, Paris, France.
- DEL POZO, LUIS (A'36), Chief Engineer, C. de Dominics, Sarandi 560, Buenos Aires, Argentina. For mail: Necochea 1396, San Fernando, F.C.C.A., Argentina.
- DE MANN, WILLIAM A. (J'26-A'31), Chief Radio Technician, Bressner Radio, Inc., 481 New Lots Ave., Brooklyn, N.Y. For mail: 1504 Prospect Pl., Brooklyn, N.Y.
- DE MARE, JEHAN (M'35), Head of Radio Engineering Department, Compagnie Francaise Thomson-Houston, 173, Boulevard Haussman, Paris 8ème, France. For mail: 52, Avenue de Saxe, Paris, 15ème, France.
- DEMAREST, CHARLES S. (A'22-M'26), Electrical Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- DE MARS, PAUL A. (M'36), 21 Brookline Ave., Boston, Mass.
- DE MEDEIROS, LAURO A. (A'33), Captain, Brazilian Army, Communications Department. For mail: Rua Iru 16 Real Grandeza, Rio de Janeiro, Brazil.
- DE MELLO, WILLIAM (A'25), Manager, Western Electric Company of Brazil, Alameda Barao de Limeira 325, São Paulo, Brazil. For mail: Caixa Postal 2791, São Paulo, Brazil.
- DEMME, A. HAROLD (A'28), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: Box 139, Runnemede, N.J.
- DE MOSS, GEORGE N. (A'32), Development Engineer, Hoover Company, North Canton, Ohio.
- DEMPSTER, BURGESS (A'31), Sales Representative, The Magnavox Company, Fort Wayne, Ind. For mail: 401 N. Broad St., Philadelphia, Pa.
- DEMUTH, GALAN W. (J'29-A'33), Special Apparatus Test, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 609 Highland Ave., Westville, N.J.
- DE MYER, HAROLD (A'30), Operator, Cable Picture Transmission, *Daily News*, 220 E. 42nd St., New York, N.Y. For mail: Apt. 4B, 367-95th St., Brooklyn, N.Y.
- DENECHAUD, RALPH G. (A'32), Studio Engineer, National Broadcasting Company, 5515 Melrose, Hollywood, Calif. For mail: 1837 N. Alexandria Ave., Hollywood, Calif.
- DE NEUF, DONALD K. (A'33), Superintendent of Operations, Press Wireless, Inc., Box 25, Little Neck, L.I., N.Y.
- DENK, WILLIAM E. (S'32-A'35), Chief Draftsman, Statewide Highway Planning Survey, State Highway Department, Capitol Bldg., Bismarck, N.D. For mail: Elgin, N.D.
- DENMAN, RODERICK P. G. (A'35), Technical Director, Airwork, Ltd., Heston Airport, Hounslow, London, England. For mail: 43 Ovington Sq., London, S.W. 3, England.
- DENNIS, FRANK L. (A'23), Consulting Radio Engineer, Box 197, Nicosia, Cyprus.
- DENNY, WAYNE B. (S'34), Teacher of Mathematics, Delmar Public Schools, Bethlehem Central High School, Delmar, N.Y. For mail: Box 181, Delmar, N.Y.
- DENSHAM, ROBERT S. (A'26), Maintenance Engineer, New York Telephone Company, 360 Bridge St., Brooklyn, N.Y. For mail: 145 W. Poplar St., Floral Park, L.I., N.Y.
- DENSTAEDT, EDWIN C. (A'30-M'33), Supervisor of Radio, Detroit Police Department, 1300 Beaubien St., Detroit, Mich. For mail: 5926 Whittier Ave., Detroit, Mich.
- DE OLIVEIRA, A. MENEZES (M'20), Professor of Electrical Engineering, The Naval Academy, Rio de Janeiro, Brazil.
- DE PEREZ, JOSE (A'36), Santa Maria La Redonda 61, Letra P. Mexico, D.F., Mexico.
- DE SALES, FRANCISCO M., JR. (A'34), Isnard and Cia, Rua do Lavradio N. 67-1, Rua Evaristo da Veiga No. 20, Rio de Janeiro, Brazil. For mail: Caixa Postal No. 3447, Rio de Janeiro, Brazil.
- DESAULNIERS, RUSSELL R. (A'36), Radio Engineer, Canadian Marconi Company, Ltd., 211 St. Sacrement St., Montreal, Que., Canada. For mail: 5544 Trans Island Ave., Montreal, Que., Canada.
- DESNOES, ARNOLD B. (A'25), Telephone Engineer, New York Telephone Company, 1775 Grand Concourse, New York, N.Y.
- DETSKY, CHARLES F. (A'21), Technical Director, Standard Electric Company, Ltd., Ujpest 4, near Budapest, Hungary.
- DETWELLER, JAY E. (A'36), Service Engineer, Tri-State Music Company, 1423-A N. Third St., Harrisburg, Pa. For mail: 2617 Penbrook Ave., Harrisburg, Pa.
- DE URGOTTI, RICARDO M. (A'25), Director General, De Union Radio, Pi y Margall, 10, Madrid, Spain.
- DEVINE, WILLIAM F. (A'26), Sound Engineer, Warner Bros. Theatres, 1307 S. Wabash Ave., Chicago, Ill. For mail: 8510 Blackstone Ave., Chicago, Ill.
- DE VOE, LESLIE M. (A'35), Manufacturers Representative, For mail: Box 5907, 7345 N. Meridian St., Indianapolis, Ind.
- DE VORE, HENRY B. (A'35), Research Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- DEW, WILLIAM E. (A'35), Radio Engineer, British Broadcasting Corporation, Droitwich Spa, Worcs., England. For mail: 66 Tagwell La., Droitwich Spa, Worcs., England.
- DE WAARD, RUSSELL (A'36), 182 E. Fifth St., Holland, Mich.
- DE WALT, K. C. (A'29), Vacuum Tube Engineering Department, General Electric Company, Schenectady, N.Y. For mail: 1469 Sumner Ave., Schenectady, N.Y.
- DE WARDT, ROBERT G. (M'22), Superintending Engineer, Post Office Engineering Department, 13 Quay St., Manchester, England.
- DE WEESE, HERBERT W. (A'29), United Air Lines, Communication Department, Chicago, Ill.
- DEWHIRST, THORNTON P. (A'25), Supervisor, Galvano Department and Design Engineering, World Broadcasting System, Inc., 711 Fifth Ave., New York, N.Y. For mail:

DEW-DOR

- 138 Fernwood Ter., Stewart Manor, L.I., N.Y.
- DE WITT, J. H., JR. (A'31), Chief Engineer, WSM, Seventh Ave., and Union Sts., Nashville, Tenn.
- DIAMOND, HARRY (A'26-M'30), Principal Radio Physicist, National Bureau of Standards, Washington, D.C. For mail: 3226 Northampton St., Chevy Chase, D.C.
- DICK, RICHARD T. (A'36), 14 Tudor Rd., Nahant, Mass.
- DICKEY, EDWARD T. (J'15-A'17-M'23), Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- DICKINSON, THEODORE M. (A'29), Vacuum Tube Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 1247 Garner Ave., Schenectady, N.Y.
- DICKMAN, KENNETH W. (S'35), Student, Washington University, St. Louis, Mo. For mail: 4015a Giles, St. Louis, Mo.
- DIHLL, CHARLES W., JR. (A'36), Vacuum Tube Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 1223 Shakespeare Ave., New York, N.Y.
- DIHLL, WILLIAM F. (A'19-M'29-F'36), Section Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 424 Hawthorne Ave., Haddonfield, N.J.
- DIERINGER, FRANK A. (A'35), Chief Engineer, WKRC, Inc., Hotel Alms, Cincinnati, Ohio.
- DIETRICH, FREDERICK (A'14), Rm. 4200, 1 Wall St., New York, N.Y.
- DIETSCH, CARL G. (J'18-A'23), Assistant Radio Engineer, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y.
- DIETSCH, ROBERT C. (S'35), Junior Geophysicist, The Texas Company, 929 S. Broadway, Los Angeles, Calif. For mail: 3234 Mission St., San Francisco, Calif.
- DIETZE, EGINHARD (A'19), Engineer, Bell Telephone Laboratories, Inc., Rm. 659, 463 West St., New York, N.Y.
- DILLABY, EDWIN F. (A'29), Engineer, Transmitting Tube Department, Raytheon Production Corporation, 55 Chapel St., Newton, Mass. For mail: 30 Madison Ave., Newtonville, Mass.
- DILLAPLAIN, VERNON L. (J'36), Engineer, Service Electric Company, Corydon, Iowa.
- DILLINGHAM, HARLEY C. (A'30), Professor of Electrical Engineering, A. and M. College of Texas, College Station, Tex.
- DILLOW, ARTHUR P. (A'27), Radioman, First Class, U. S. Coast Guard, Communication Base, Curtis Bay, Md.
- DINE, FRANK E. (A'36), Palm Springs, Calif.
- DINGA, E. WILLIAM (A'21), 4514-43rd St., Long Island City, L.I., N.Y.
- DINGER, HAROLD E. (A'27), Chief Instructor, McKim Technical Institute, 120 Ash St., Akron, Ohio. For mail: 905 Berwyn Ave., Akron, Ohio.
- DINGLEY, EDWARD N., JR. (A'28), Radio Engineer, Bureau of Engineering, Navy Department, Washington, D.C.
- DINSDALE, ALFRED (M'36), Production Manager, AudiVision, Inc., 285 Madison Ave., New York, N.Y. For mail: 414 E. 52nd St., New York, N.Y.
- DION, ALFRED J. (A'33), Proprietor, Battery Service Station, 680 St. Vallier St., Quebec, Que., Canada.
- DISTAD, MERRILL (J'31-A'31), Laboratory Assistant and Student, Physics Department, University of Minnesota, Minneapolis, Minn.
- DITCHAM, WILLIAM T. (M'14), Research Engineer, Marconi's Wireless Telegraph Company, Ltd., Marconi Works, Chelmsford, England. For mail: Almont, Baddow Rd., Chelmsford, England.
- DIVER, FREDERICK G. (J'24-A'26), Chief Test Engineer, McMichael Radio, Ltd., Slough, Bucks, England. For mail: Portway, 12, Buckland Ave., Slough, Bucks, England.
- DIX, GEORGE (A'36), Engineering Department, RCA Victor Company, 925 Lenoir St., Montreal, Que., Canada. For mail: 787 Godin Ave., Verdun, Que., Canada.
- DOAN, GEORGE F. (A'30), Manager, Eureka Radio Service, 327 Second St., South, Kenora, Ont., Canada. For mail: Box 135, Kenora, Ont., Canada.
- DOBBIE, LEONARD G. (A'33), Engineer, Receiver Development Laboratory, Amalgamated Wireless, Australasia, Ltd., Sydney, Australia. For mail: 133 Concord Rd., Concord, Sydney, Australia.
- DOBELL, HUBERT (M'35), Department of Scientific and Industrial Research, London, England. For mail: 17, Woodside Ave., Chesham Bois, Bucks, England.
- DOCKREE, GEORGE E. (A'31), Maintenance Engineer, British Broadcasting Corporation, Bournemouth, England. For mail: "Chiquita" Ensbury Gardens, Bournemouth, England.
- DODGE, FRANK R. (A'30), Lieutenant Commander, U. S. Navy, U.S.S. Raleigh, c/o Postmaster, San Diego, Calif.
- DODGE, JOSEPH B. (A'20), Manager, Appalachian Mountain Club Huts, 5 Joy St., Boston, Mass. For mail: Pinkham Notch Camp, Gorham, N.H.
- DODGE, RICHARD M. (A'30), Research Engineer, Pyramid Construction Company, Santa Monica, Calif. For mail: 1030 Monument St., Pacific Palisades, Calif.
- DOELLNER, LE ROY J. (A'28), New City, Rockland County, N.Y.
- DOERSAM, PHILIP D. (S'36), Student, Columbia University, New York, N.Y. For mail: Buckingham Rd., Palisade, N.Y.
- DOHAN, WILLIAM R. (A'30), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 766 Beacon La., Merion, Pa.
- DOHERTY, WILLIAM H. (A'29-M'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., Whippany, N.Y.
- DOIG, JOHN H. (A'27), Instructor, San Diego City Public Schools, Union and F Sts., San Diego, Calif. For mail: 3548 Cherokee St., San Diego, Calif.
- DOLBEAR, BENJAMIN L. (M'36), Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 206 School St., Belmont, Mass.
- DOLPH, STANLEY E. (A'36), President, Inter-Cities Airlines, Inc., 918 Scranton National Bank Bldg., Scranton, Pa. For mail: 732 N. Webster Ave., Scranton, Pa.
- DOME, ROBERT B. (A'27), Radio Engineer, General Electric Company, 1285 Boston Ave., Bridgeport, Conn. For mail: 348 McKinley Ave., Bridgeport, Conn.
- DONALD, DOUGLAS D. (A'32), Service Superintendent, American Telephone and Telegraph Company, 32 Sixth Ave., New York, N.Y.
- DONALDSON, ROBERT J. (A'36), Engineer, Testing Department, Commonwealth Edison Company, 2233 S. Throop St., Chicago, Ill.
- DONOVAN, WILLIAM E. (A'33), Assistant to L. P. Graner, Consulting Engineer, 40 E. 49th St., New York, N.Y.
- DOOLITTLE, FRANKLIN M. (A'13-M'30), President, WDRG, Inc., 750 Main St., Hartford, Conn. For mail: 344 N. Steele Rd., West Hartford, Conn.
- DORBAND, ELMER F. (A'34), Radioman, U. S. Navy, U.S.S. MacDonough, San Diego, Calif.
- DORN, HARRY P. (A'27), Inventor, 9007 Detroit Ave., Cleveland, Ohio.
- DORRINGTON, WILLIAM H. (A'35), Assistant Maintenance Engineer, British Broadcasting Corporation, Moorside Edge, Slaithwaite, England. For mail: 137 Colney Hatch La., London, N. 10, England.

- DORSCHUG, HAROLD A. (A'36), Field Engineer, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: 12 Hartley Ave., Mount Vernon, N.Y.
- DORSEY, HERBERT G. (M'19-F'34), Principal Electrical Engineer, U. S. Coast and Geodetic Survey, Washington, D.C.
- DORTE, PHILIP N. (A'27), Forestie House, Oatlands Park, Weybridge, Surrey, England.
- DOUGHERTY, JOHN B. (A'36), Partner, J. Philipson and Son, 26 Highgate, Kendal, Westmorland, England. For mail: 1 Kent View, Kendal, Westmorland, England.
- DOUGHERTY, RAY (A'36), Chief Inspector, Radio Division, Noblitt-Sparks Industries, Inc., Columbus, Ind. For mail: 1219 Hutchins Ave., Columbus, Ind.
- DOUGLASS, ROBERT H. (A'36), President, Barton Auto Radio Corporation; Proprietor, Douglass Radio Service, 5461 Penn Ave., Pittsburgh, Pa.
- DOUGLASS, WILLIAM A. (A'30), Research Chemist, Jackson Laboratory, Dupont Company, Box 525, Wilmington, Del. For mail: 28 Ziegler Tract, Penns Grove, N.J.
- DOUTHETT, MACLEOD L. (A'27), Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 6522 Irving Avenue, Merchantville, N.J.
- DOW, JENNINGS B. (M'26), Lieutenant Commander, U. S. Navy, Radio Division Bureau of Engineering, Navy Department, Washington, D.C. For mail: Apt. 1003, The Kennedy-Warren, Washington, D.C.
- DOW, ORVILLE E. (A'31), Transmitter Development, RCA Communications, Inc., Rocky Point, L.I., N.Y. For mail: 205 Oakes St., Fort Jefferson, L.I., N.Y.
- DOWLE, JAMES A. (A'20-M'26), Chief Instructor, National Radio Institute, 16th and U Sts., N.W., Washington, D.C. For mail: 41 Monroe Ave., Alexandria, Va.
- DOWNING, HENRY L. (A'32), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- DOWSETT, HARRY M. (M'16), Principal, Marconi School of Wireless Communication, Electra House, Victoria Embankment, London, W.C. 2, England.
- DOYEL, LEE C. (A'28), Radio Service Engineering, Community Radio Service, Crawfordsville, Ind. For mail: R.R. 2, Crawfordsville, Ind.
- DOYLE, E. J. (A'29), Chief Engineer, Triumph Manufacturing Company, 4017 W. Lake St., Chicago, Ill. For mail: 20 E. Ayres Ave., Hinsdale, Ill.
- DRAKE, FREDERICK H. (A'25-M'28), Engineer, Aircraft Radio Corporation, Boonton, N.J. For mail: Old Denville Rd., Boonton, N.J.
- DRAKE, ROBERT L. (A'31), Chief Engineer, The Radio Products Company, 125 Sunrise Pl., Dayton, Ohio. For mail: 1004 Philadelphia Dr., Dayton, Ohio.
- DRAYER, RALPH W. (S'36), General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 203 Seward Pl., Schenectady, N.Y.
- DREHER, CARL (A'17-M'23-F'28), 2098 Mound St., Hollywood, Calif.
- DREISBACH, ROBERT H. (A'28), Chief Engineer, Electro Acoustic Products Company, Bueter Rd., Fort Wayne, Ind. For mail: 824 Packard Ave., Fort Wayne, Ind.
- DREWRY, ERNEST R. (A'36), Technician, The Listeners' League, 12 Grosvenor Crescent, London, S.W. 1, England. For mail: 38 Temple Rd., Croydon, Surrey, England.
- DREYER, HARRY W. (M'29), Engineer, Airplane and Marine, Direction Finder Corporation, Lindenhurst, N.Y. For mail: 54 Windsor Pl., Oceanside, N.Y.
- DREYER, JOHN F., JR., (A'36), Engineer, R.C.A. Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 1845 Schenectady Ave., Brooklyn, N.Y.
- DRUMHEISER, ANDREW W. (A'31), Transmitter and Control Engineer-Operator, WHP, Inc., Telegraph Bldg., Locust St., Harrisburg, Pa. For mail: 1616 N. Fifth St., Harrisburg, Pa.
- DRURY, PAUL O. (A'27), Foreman, Quality Division, Engineering Department, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 6920 Hampden La., Edgemoor, Montgomery County, Md.
- DUBILIER, WILLIAM (A'14-M'18-F'29), Executive and Technical Director, Dubilier Condenser Corporation, Cornell-Dubilier Corporation, Radio Patents Corporation, 10 E. 40th St., New York, N.Y.
- DU BRIDGE, LEE A. (A'35), Professor of Physics, University of Rochester, Rochester, N.Y.
- DUCATI, ADRIANO C. (A'28), Technical Manager, Societa Scientifica Radio Brevetti Ducati, Viale Guidotti 53, Bologna, Italy.
- DUDECK, PAUL H. (A'35), Engineer, WWJ, Detroit News, Lafayette Blvd. at Third St., Detroit, Mich. For mail: 15731 Cherry-lawn Ave., Detroit, Mich.
- DUDLEY, BEVERLY (J'24-A'27), Editorial Department, Electronics, McGraw-Hill Publishing Company, 330 W. 42nd St., New York, N.Y. For mail: 544 W. 110th St., New York, N.Y.
- DUDLEY, HOMER W. (M'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- DUFF, WILLIAM A. (A'36), Patent Agent, Ninth Floor, Main House, 96 Main St., Johannesburg, South Africa.
- DUFOURD, ANDREW J. (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 53 Grampian Way, Dorchester, Mass.
- DUGAN, PAUL F. (A'31), Lieutenant U. S. Navy, Commanding, U.S.S. *Byant*. For mail: c/o Postmaster, San Diego, Calif.
- DUMONT, ALLEN B. (M'30-F'31), President, Allen B. DuMont Laboratories, Inc., 532-540 Valley Rd., Upper Montclair, N.J. For mail: 9 Bradford Way, Upper Montclair, N.J.
- DUNBAR, JAMES (A'24), Proprietor, James Dunbar, 13 Long St., Capetown, South Africa. For mail "Olanda," Antwerp Rd., Seapoint, C.P. South Africa.
- DUNCAN, DON C. (A'29), Toll Testman, Illinois Bell Telephone Company, Centralia, Ill. For mail: 523 S. Maple St., Centralia, Ill.
- DUNCAN, F. BANKS (A'36), Chief Operator, WRUF, Gainesville, Fla. For mail: Box 2404, University Station, Gainesville, Fla.
- DUNCAN, RICHARD S. (A'34), Transmitter Operator, WLW, Crosley Radio Corporation, Mason, Ohio. For mail: Box 133, Mason, Ohio.
- DUNCAN, ROBERT D., JR. (A'13-M'25), 250 Harrison St., East Orange, N.J.
- DUNCAN, ROBERT S. (S'33-A'35), Member of Technical Staff, Bell Telephone Laboratories Inc., 463 West St., New York, N.Y.
- DUNHAM, JOHN S. (A'26), 15 Palm Island, Miami Beach, Fla.
- DUNKLEY, ERIC J. (A'36), Sales Manager, Philips Electrical Company, India, Ltd., Box 200, Rangoon, Burma, India. For mail: c/o Grindlay and Company, Parliament St., London, England.
- DUNLAP, ORRIN E., JR. (M'36), *New York Times*, 229 W. 43rd St., New York, N.Y.
- DUNN, GANO (F'15), President, J. E. White Engineering Corporation, 80 Broad St., New York, N.Y.
- DUNN, JAMES C. (A'28), Reject Control Engineer, Philadelphia Storage Battery Company, Tioga and C Sts., Philadelphia, Pa. For mail: 1418 W. Allegheny Ave., Philadelphia, Pa.

- DUNN, LAWRENCE J. (A'24-M'26), 81 Brompton Rd., Garden City, L.I., N.Y.
- DUNNIGAN, FRANK A. (A'36), Owner, United Radio Service, 911 Riverside Ave., Spokane, Wash.
- DUNNING, CYRIL (A'33), Broadcasting Station, c/o Post Office, Milton Rd., Natal, South Africa.
- DUNNING, JOHN R. (A'28), Assistant Professor of Physics, Pupin Physics Laboratories, Columbia University, New York, N.Y.
- DUNNING, ORVILLE M. (A'34), Manager, Teledphone Department, Thomas A. Edison, Inc., Orange, N.J.
- DUPREE, E. M. (A'22-M'28), President, Star Electric and Engineering Company, 613 Fannin St., Houston, Tex. For mail: 1702 Main St., Houston, Tex.
- DUPREE, FREDERICK H. (M'32), Wireless Engineer, Straits Settlement Government Service. For mail: "Paya Labar," Norfolk Ave., Sanderstead, Surrey, England.
- DURAN, JOSEPH (A'36), Technician, Felgate Radio Company, Ltd., Felgate House, Hammersmith, London, England. For mail: 186 Morden Rd., Merton Park, London, S.W. 19, England.
- DURKEE, LINCOLN (A'31), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- DU TREIL, L. J. N. (A'14-M'26), Radio Inspector, Federal Radio Commission, Customhouse, New Orleans, La. For mail: 333 Henry Clay Ave., New Orleans, La.
- DUTTERA, WILLIAM S. (J'25-A'29), Radio Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y.
- DUTTON, CHARLES E. (A'27), Technical Employee, American Telephone and Telegraph Company, 750 Huron Rd., Cleveland, Ohio. For mail: 14324 Tuland Ave., Cleveland, Ohio.
- DYER, JOHN N. (J'30-A'32), General Engineering Department, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y.
- DYER, WILBUR E. (A'33), Radio Mechanic, United Air Lines, Cheyenne, Wyo. For mail: 102 E. Sixth Ave., Cheyenne, Wyo.
- DYMOND, CLIFTON W. (A'36), Radio Corporation of America, Detroit, Mich. For mail: 2665 Boston Blvd., Detroit, Mich.
- DYSON, ARTHUR A. (A'33), Erie Resistor, Ltd., Carlisle Rd., The Hyde, London, N.W. 9, England.
- DYSON, GRAHAM N. (A'36), Research Assistant, Research Department, Marconi's Wireless Telegraph Company, Ltd., Chelmsford, Essex, England. For mail: 6, Boswell's Dr., Springfield Rd., Chelmsford, Essex, England.
- DYSON, HORACE R. (A'26), Transmitter Design Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 111 E. Park Ave., Oaklyn, N.J.
- E
- EAGER, MARCY (A'33), Staff Engineer, Glenn D. Gillett, Consulting Radio Engineer, National Press Bldg., Washington, D.C. For mail: 75 Abbott Rd., Wellesley Hills, Mass.
- EALLES, J. W., Owner, Grant Radio Service, 1693 Dufferin St., Toronto, Ont., Canada.
- EALY, JOHN W. (A'36), Draftsman, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 3834 E. 13th St., Indianapolis, Ind.
- EARL, EDWIN O. (A'36), Radio Engineer, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 21 N. Kenyon St., Indianapolis, Ind.
- EARLE, RALPH P. (A'25), Teacher, Overbrook High School, Philadelphia, Pa. For mail: Alden, Delaware County, Pa.
- EARNSHAW, DAVID P. (A'28), Radio Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 534 Hermitage St., Philadelphia, Pa.
- EAST, LAWRENCE A. W. (A'25), Radio Engineer, Canadian Pacific Communications, 204 Hospital St., Montreal, Que., Canada.
- EASTHAM, MELVILLE (A'13-M'13-F'25), President, General Radio Company, 30 State St., Cambridge, Mass.
- EASTMAN, AUSTIN V. (A'23-M'32), Assistant Professor of Electrical Engineering, Engineering Hall, University of Washington, Seattle, Wash.
- EASTMAN, FRANKLIN F. (A'36), Owner, Eastman Radio Service, 1001 S. Burlington, Los Angeles, Calif.
- EATON, THOMAS T. (A'33), Research Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- EATON, WAYNE G. (M'30), Radio Engineer, U. S. Army, Signal Corps, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- EAVES, AUGUSTUS J. (M'33), Research Products Sales Manager, Graybar Electric Company, 420 Lexington Ave., New York, N.Y.
- EBEL, A. JAMES (J'33-A'35), 316 W. Lutz St., West Lafayette, Ind.
- EBERHARD, LAWRENCE E. (A'25), Staff Manager, New York Credit Men's Association, 354 Fourth Ave., New York, N.Y. For mail: 78 Snell Ave., Caldwell, N.J.
- EBERHARDT, GEORGE M. (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., Deal, N.J.
- EBERLE, WILBERT H. (A'36), Secretary, Hickok Electrical Instrument Company, 10514 DuPont Ave., Cleveland, Ohio. For mail: 1408 E. 110th St., Cleveland, Ohio.
- EBERT, H. JEFFRIES (A'36), Electrical Engineer, Ohio Edison Company, 121 E. High St., Springfield, Ohio.
- EBY, JOHN B. (A'36), Technical Employee, American Telephone and Telegraph Company, 530 Bourse Bldg., Philadelphia, Pa.
- ECKELS, AUGUST E. (A'31), Radio Engineer, Operator, WCBM, Baltimore Broadcasting Corporation, Keith Theater Bldg., Lexington and Park Aves., Baltimore, Md. For mail: 2812 Ailsa Ave., Baltimore, Md.
- ECKERSELEY, P. P. (F'25), 82, Swan Court, Chelsea, S.W.3, London, England.
- ECKERT, CLARENCE C. (A'30), Radio Engineer, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio. For mail: 3½ Maple Dr., Southern Hills, Dayton, Ohio.
- ECKERT, FRANK A., JR. (A'36), Owner, Eckert's Radio Service, 2045 N. 57th St., Milwaukee, Wis.
- EDDY, WESLEY L. (S'36), Telephone Engineer, Department 1232, Western Electric Company, Hawthorne Station, Cicero, Ill. For mail: 4644 Main St., Downers Grove, Ill.
- EDE, FRANK C. (A'28), Managing Director, Leede Engineering Corporation, Box 1284, 395 Bubbling Well Rd., Shanghai, China.
- EDES, NOEL H. (A'22), Captain, Egypt Signals, Abbassia, Cairo, Egypt. For mail: Lloyds Bank, Ltd., Cox's and King's Branch, "R" Section, 6 Pall Mall, London, S.W. 1, England.
- EDGERLY, ALBERT H. (A'29), Edgerly's Radio Service Station, 27 Edgerly St., Kensington, Conn.
- EDISON, THEODORE M. (A'28), President, Calibron Products, Inc., West Orange, N.J. For mail: Llewellyn Park, West Orange, N.J.
- EDWARDS, CHARLES P. (F'36), Chief of Air Services, Department of Transport, Ottawa, Ont., Canada.
- EDWARDS, HENRY W. (A'25), Superintendent of Communications, Northwest Airlines, Inc., Holman Municipal Airport, St. Paul, Minn.
- EDWARDS, JOSEPH B. (A'14), 2213 Berwyn St., Union, N.J.
- EDWARDS, ROBERT B. (A'31), Equipment, Maintenance and Electronics, Montana

- Power Company, Great Falls, Mont. For mail: Box 880, Great Falls, Mont.
- BELLS, M. MERWIN** (A'22), Assistant to the President, Breeze Corporations, Inc., 24 S. Sixth St., Newark, N.J.
- BGAN, MICHAEL C.** (A'36), Army Officer, The Depot, Signal Corps, Ceant Barracks, Curragh Camp, County Kildare, Irish Free State. For mail: 11 Butterfield Park, Rathfarnham, County Dublin, Irish Free State.
- BGOLF, RICHARD S.** (A'35), Service Department, RCA Communications, Inc., 66 Broad St., New York, N.Y. For mail: 93 Baldwin Ave., Baldwin, L.I., N.Y.
- EHLEERS, HERBERT A.** (A'36), Factory Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 323 W. Fifth St., Emporium, Pa.
- EHRET, CORNELIUS D.** (F'16), Patent Attorney, 2121 Land Title Bldg., Philadelphia, Pa. For mail: 6911 Clearview St., Mount Airy, Philadelphia, Pa.
- EHRlich, KARL** (A'30), Engineer, Technical Consultant, Phonola Radio, Via Fatebenefratelli 10-14, Milano, Italy. For mail: Via Manin 7-9, Milano, Italy.
- EICHHORN, CHARLES W.** (S'34), Engineer, American Transformer Company, 178 Emmet St., Newark, N.J. For mail: 6 Everett Pl., Grantwood, N.J.
- EISELEIN, JOSEPH E.** (A'30), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 41 W. Walnut Ave., Merchantville, N.J.
- EISEN, CARL G.** (S'36), 258 S. Algonquin Ave., Detroit, Mich.
- EKSTRAND, PHILIP A.** (S'32-A'34), Radio Engineer, Heintz and Kaufman, Ltd., South San Francisco, Calif. For mail: Box 922, San Bruno, Calif.
- EKSTROM, EMMETT J.** (A'31), Federal Telegraph Company, 200 Mount Pleasant Ave., Newark, N.J. For mail: 145 E. 23rd St., New York, N.Y.
- ELDER, ROBERT K.** (A'36), R.F.D. 3, Macon, Ga.
- ELDRED, W. NOEL** (S'32-A'35), Electrical Engineer, Heintz and Kaufman, Ltd., South San Francisco, Calif. For mail: 527 Almer Rd., Burlingame, Calif.
- ELDRIDGE, EARLE E.** (A'31), Assistant Chief Engineer, Press Wireless, Inc., Hicksville, L.I., N.Y. For mail: 162 Ellison Ave., Westbury, L.I., N.Y.
- ELFORD, ERNEST N.** (A'33), Technical Manager, Gambrells, Rowse and Snodden, Ltd., Gambrell Works, Merton Rd., London, S.W. 18, England. For mail: "Woodcote," Great Bookham, Surrey, England.
- ELLEN, ROY G.** (A'36), Assistant Laboratory Engineer, Standard Telephones and Cables, Ltd., North Woolwich, London, E. 16, England. For mail: 112 Gladstone Park Gardens, Cricklewood, London, N.W., England.
- ELLER, WILLARD H.** (A'19), Associate Professor of Physics, University of Hawaii, Honolulu, T.H.
- ELLERT, CHARLES A.** (A'26), 1005 Dundalk Ave., Baltimore, Md.
- ELLINGSON, HENRY J.** (A'35), Tropical Radio Telegraph Company, 321 St. Charles St., New Orleans, La.
- ELLIOTT, BEN C.** (A'35), Radio Service Manager, L.E.S. Distributors, Ltd., 15/16 Alfred Pl., London, W.C. 1, and 48 Uxbridge Rd., Ealing, W. 5, England. For mail: 36 Ascott Ave., Ealing, London, W. 5, England.
- ELLIOTT, DOUGLAS A.** (A'35), 16 Brookside Cir., Bronxville, N.Y.
- ELLIOTT, FRANK E.** (A'36), Radio Engineer, Chandler's Broadcasting Service, 43 Adelaide St., Brisbane, Queensland, Australia.
- ELLIOTT, HAROLD F.** (M'25), Consulting Engineer, 1320 Webster St., Palc Alto, Calif.
- ELLIOTT, WESLEY A.** (A'36), Factory Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: W. Fourth St., Emporium, Pa.
- ELLIS, ARTHUR B.** (A'35), Chief Control Engineer, CKLW, Western Ontario Broadcasting Company, Guaranty Trust Bldg., Windsor, Ont., Canada. For mail: 27, Royal Apts., 6 Ellis Ave., Windsor, Ont., Canada.
- ELLIS, WILLIAM G.** (A'19-M'25), Sales Representative, 2019 Rittenhouse Sq., Philadelphia, Pa.
- ELLITHORN, HAROLD E.** (A'36), Engineering Department, Hygrade Sylvania Corporation, Loring Ave., Salem, Mass. For mail: 35 Dearborn St., Salem, Mass.
- ELLSWORTH, WILLIAM C.** (A'26-M'35), Station Engineer, Broadcast Department, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass. For mail: 12 Weiss Ave., Flourtown, Pa.
- ELMENDORF, CHARLES H.** (S'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- ELMORE, JOHN H.** (S'32-A'35), Radio Operator, WBZ, Westinghouse Electric and Manufacturing Company, Dover Rd., Millis, Mass. For mail: Box 19, Millis, Mass.
- ELMQUIST, TORSTEN** (A'33), Civil Engineer, Soeuska Radio A.B., Stockholm, Sweden. For mail: Klyftvagen 3, Ulvsunda, Sweden.
- ELTGROTH, GEORGE V.** (A'35), Chief Engineer, Industrial Instruments, Inc., 1214-1222 W. Madison St., Chicago, Ill. For mail: 3353 N. Clifton Ave., Chicago, Ill.
- ELWELL, CYRIL F.** (M'14-F'18), Consulting Engineer and Radio Contractor, Las Encinas, Chestnut Close, Kingswood, Surrey, England.
- ELWOOD, EVERETT S., JR.** (S'35), Student Engineer, Testing Department, General Electric Company, Schenectady, N.Y. For mail: Y.M.C.A., Schenectady, N.Y.
- EMBRECHTS, A. C.** (A'30), Chief Radio Systems Engineer, Bell Telephone Manufacturing Company, 4 Rue Boudewyns, Antwerp, Belgium. For mail: 18 Wapenhaghe, Berchem, Antwerp, Belgium.
- EMERSON, KENNETH H.** (A'29), Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa.
- EMERY, ERNEST J.** (M'29), Managing Director, E.M.I. Service, Ltd., Sheraton Works, Hayes, Middx., England.
- EMMERICH, CLARENCE M.** (A'36), Service Engineer, Electronics Company, 4805 Leduc, St. Louis, Mo.
- ENGEL, ALBERT L.** (J'29-A'33), Engineer, Titeflex Metal Hose Company, Newark, N.J. For mail: 1431 Concord Pl., Elizabeth, N.J.
- ENGEL, FRANCIS H.** (A'25-M'28), Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- ENGEL, GEORGE C.** (A'28), Research Engineer, General Time Instruments Corporation, 109 Lafayette St., New York, N.Y.
- ENGELHARDT, GEORGE B.** (A'34), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 28 Club Way, Hartsdale, N.Y.
- ENGHOLM, BERNARD A.** (A'22-M'27), President, The Rola Company, 2530 Superior Ave., Cleveland, Ohio.
- ENGLAND, ROY G. W.** (A'34), External Service, Pilot Radio Tube Company, 22 Plain St., Johannesburg, South Africa. For mail: Box 6938, Johannesburg, South Africa.
- ENGLISH, ROBERT R.** (S'36), Student, Tri-State College, Angola, Ind. For mail: 302 E. Gale St., Angola, Ind.
- ENGLISH, WALLACE K.** (A'36), 304 University, Shenandoah, Iowa.
- ENGLUND, CARL R.** (A'17-F'28), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Box 107, Red Bank, N.J.

ENG-FAR

- ENGSTROM, ELMER W. (A'25), Director of General Research, RCA Manufacturing Company, Inc., Camden, N.Y.
- ENGWICHT, HARRY (J'22-A'26), Instructor in Radio, San Jose State College, San Jose, Calif. For mail: 405 N. Third St., San Jose, Calif.
- ENNIS, FRANK T. (A'35), Inspector, Ford Motor Company, Edgewater, N.J. For mail: 644 Bogert Rd., River Edge, N.J.
- ENSMANN, BERNARD (S'33-A'34), Junior Electrical Engineer, Board of Transportation, City of New York, 250 Hudson St., New York, N.Y. For mail: 6803 79th St., Ridgewood Station, Brooklyn, N.Y.
- EOYANG, THOMAS T. (A'30), Technical Expert, Electrotechnical Laboratory, National Resources Commission, Shui Ching Tai, Si Hua Men, Nanking, China.
- EPPERSON, JOSEPH B. (A'34), Chief Engineer, WNOX, Continental Radio Company, 110 S. Gay St., Knoxville, Tenn. For mail: Box 972, Knoxville, Tenn.
- EPSTEIN, DAVID W. (A'34), Research Division, RCA Manufacturing Company, Inc., Camden, N.J.
- ERICKSON, PAUL W. (A'36), Vacuum Tube Production Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 100 W. Fifth St., Emporium, Pa.
- ERICKSON, RUDOLPH A. (A'32), Engineer, CKCK, Taylor, Pearson, Carson, Ltd., Leader Post Bldg., Regina, Sask., Canada.
- ERISMAN, RAYMOND, JR. (S'36), Student, Indiana Technical College, Fort Wayne, Ind. For mail: Pittsburg, Ohio.
- ERSTAD, JOHANNES (A'30), Engineer, Tung-Sol Lamp Works, Inc., 95 Eighth Ave., Newark, N.J.
- ERWIN, RAYMOND W. (A'22), Consulting Engineer, Ever Ready Company, Ltd., Marshall St., Sydney, Australia. For mail: 1048 E. State St., Salem, Ohio.
- ESPENSCHIED, LLOYD (M'13-F'24), Radio Transmission Development Director, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- ESPERSEN, GEORGE A. (A'34), Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 203 E. Fifth St., Emporium, Pa.
- ESTEN, PERRY W. (A'29), Radio Operator, WHEC, Inc., 40 Franklin St., Rochester, N.Y. For mail: 60 Astor Dr., Brighton, N.Y.
- ESTEP, CARL R. (J'31-A'33), Radio Technician, KFI-KECA, Earle C. Anthony, Inc., 1000 S. Hope St., Los Angeles, Calif. For mail: 5503 Harcourt Ave., Los Angeles, Calif.
- ESTES, FRED B. (A'31), Radio Officer, S.S. *Jefferson Myers*, States Steamship Company, Porter Bldg., Portland, Ore. For mail: 4751-12th Ave. N.E., Seattle, Wash.
- ETKIN, HARRY A. (A'25), Testman, Special Engineering Apparatus and Photophone Department, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 520 McClellan St., Philadelphia, Pa.
- EUBANK, ROBERT N. (A'30), Chief Engineer, WRVA, Richmond, Va. For mail: 2817 Montrose Ave., Richmond, Va.
- EVANS, CARL B. (A'36), 80 N. State St., Concord, N.H.
- EVANS, HAYDEN W. (S'36), Engineer, Transmission Development Department, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- EVANS, JAMES C. (A'25), Director, Trade and Technical Education, West Virginia State College, Institute, W.Va.
- EVANS, PORTER H. (M'23-F'31), Chief Engineer, Eastern Studio, Warner Bros. Pictures, Inc., 1277 E. 14th St., Brooklyn, N.Y.
- EVANS, ROBERT L. (S'35), Filtration Plant Operator, Sabetha Water Department, Sabetha, Kan. For mail: R.R. 1, Sabetha, Kan.
- EVANS, WALTER C. (M'36), Manager, Radio Division, Westinghouse Electric and Manufacturing Company, Main St., Chicopee Falls, Mass.
- EVANS, YOUNG W. P. (M'36), Sales Engineer and Manager, Allwave International Radio and Television Company, Bromley, Kent, England. For mail: "Nairana," St. Ann's Rd., Blackpool, England.
- EVERETT, FRANCIS A. M. (A'35), Technician, Ediphone Company, 318 W. Ninth St., Los Angeles, Calif. For mail: 753 S. Bonnie Brae St., Los Angeles, Calif.
- EVERETT, LYNN C. (A'14-M'18), Engineer, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- EVERETT, LEONARD, JR. (S'33-A'35), Radio Engineer, China Electric Company, Box 289, Shanghai, China.
- EVERETT, WILLIAM L. (A'25-M'29), Professor of Electrical Engineering, Ohio State University, Columbus, Ohio.
- EWEN, MALCOLM E. (A'36), Wireless Engineer, Marconi Wireless Telegraph Company, Ltd., Electra House, Victoria Embankment, London, W.C. 2, England. For mail: "Greywals," Shenfield Common, Brentwood, Essex, England.
- EYTON, WILLIAM T. (A'35), Hon. Director of Lightning Damage Survey of West England and Wales, Plas-y-Cwm, St. Asaph, Flintshire, North Wales.

F

- FABIUS, ALBERT (A'34), Assistant Chemist, Experiment Station, Hawaiian Sugar Planter's Association, Box 411, Honolulu, T.H.
- FABRICANT, PAUL (A'35), c/o Ets. Radiophon, 46 Rue Lafayette, Paris, France. For mail: 50 Faubourg, Poissonniere, Paris, France.
- FACEY, JOHN W. (A'13), Synod House, 110th St. and Amsterdam Ave., New York, N.Y.
- FAGNONI, ELIO (A'32), Chief, Radio Professional Engineering, Fabrica Italiana Magneti Marelli, Sesto S. Giovanni, Milano, Italy. For mail: 63 Via Ghibellina, Firenze, Italy.
- FAHNSTOCK, HARRIS, JR. (A'27), Student, Harvard University, Cambridge, Mass. For mail: 162 Coolidge Hill, Cambridge, Mass.
- FALKNER, FRANK B. (M'36), Central Division Engineer, Columbia Broadcasting System, 410 N. Michigan Ave., Chicago, Ill. For mail: Marston Lane, Flossinor, Ill.
- FALLAIN, FRANK D. (A'26), President and Technical Manager, WFDF, Flint Broadcasting Company, Union Industrial Bldg., Flint, Mich. For mail: 1914 Miller Rd., Flint, Mich.
- FANG, TING (S'36), Student, Chiao-Tung University, Shanghai, China.
- FANLEY, EDWARD J. (S'35), Hearing Aid Manufacturer, 148 E. State St., Columbus, Ohio. For mail: 235 Buttles Ave., Columbus, Ohio.
- FARMER, DANIEL E. (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: M.I.T. Dormitories, Cambridge, Mass.
- FARMER, ERIC W. (A'30), Electrical Engineer, Canadian Marconi Company, Trenton and Canora Rds., Mount Royal, Que., Canada. For mail: Box 111, St. Therese, Que., Canada.
- FARNSWORTH, DANIEL W. (A'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: R.R. Clove Rd., Little Falls, N.J.
- FARNSWORTH, HUGH D. (A'36), Engineer, Electrical Research Products, Inc., 7046 Hollywood Blvd., Hollywood, Calif. For mail: 4527 Farndale Ave., North Hollywood, Calif.

- FARNSWORTH, PHILO T. (A'28-M'34), Vice President, Farnsworth Television, Inc., 127 E. Mermaid La., Philadelphia, Pa.
- FARRAN, DEAN (A'17), Airplane Pilot, Superior Oil Company, 930 Edison Bldg., Los Angeles, Calif.
- FARRAND, CLAIR L. (A'14-M'23-F'31), President, Independent Research Corporation, 35 W. 45th St., New York, N.Y.
- FARRINGTON, JOHN F. (A'19-M'29-F'31), Radio Engineer, Hazeltine Service Corporation, 209-71-26th Ave., Bayside, L.I., N.Y. For mail: 43-60-170th St., Flushing, L.I., N.Y.
- FARRINGTON, ROBERT A. (S'36), Student, Ohio State University, Columbus, Ohio. For mail: 1733 Chestnut Blvd., Cuyahoga Falls, Ohio.
- FASS, SYDNEY J. (A'34), Partner, Zemansky and Fass, c/o The White House, San Francisco, Calif.
- FASULO, JOSEPH C. (A'36), Accountant, Pensodent Company, 919 N. Michigan Ave., Chicago, Ill. For mail: 6304 N. Claremont Ave., Chicago, Ill.
- FAULKNER, HARRY (M'24), Superintending Engineer, British Post Office, The Mount, Shrewsbury, Shropshire, England. For mail: "Lyndhurst," Granville St., Shrewsbury, Shropshire, England.
- FAUSETT, FLOYD (A'30-M'34), Chief Engineer, Supreme Instruments Corporation, Greenwood, Miss. For mail: 209 Virginia St., Greenwood, Miss.
- FAWCETT, GEORGE M. (A'35), RCA Victor, 925 Lenoir St., Montreal, Que., Canada. For mail: 3980 Cote des Neiges Rd., Montreal, Que., Canada.
- FAY, CLIFFORD E. (A'26), Member of Technical Staff, Vacuum Tube Development, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- FAYERS, ALFRED A. (A'31), Receiver Design Engineer, E.M.I., Ltd., Hayes, Middx., England. For mail: 34 Hogarth Gardens, Heston, Middx., England.
- FEARING, JUSTIN L. (A'19), Patent Lawyer, 420 Lexington Ave., New York, N.Y. For mail: 24 Dobbs Ter., Scarsdale, N.Y.
- FEDOROFF, L. N. (A'30), Recording Engineer, Electric and Musical Industries, China, Ltd., 1099 Route de Zikawei, Shanghai, China.
- FEDOTOFF, NICHOLAS V. (A'26), Chief Engineer, Technigraph, Inc., 136 Liberty St., New York, N.Y. For mail: 39 Robertson Rd., Lynbrook, L.I., N.Y.
- FEIKERT, GRANT S. (A'30), Chief Engineer, KOAC, Oregon State College, Corvallis, Ore. For mail: 321 N. 23rd St., Corvallis, Ore.
- FENDEL, ABBOTT (A'29), Chief Engineer, Arcturus Radio Tube Company, 720 Frelinghuysen Ave., Newark, N.J. For mail: 3 Dayton St., Elizabeth, N.J.
- FELCH, EDWIN P. (A'32), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 37 Kings Rd., Madison, N.J.
- FELDMAN, CARL B. (A'26), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Box 107, Red Bank, N.J.
- FELDMAN, NICHOLAS (A'31), In Charge of Radio Department, Valsts Elektrotehniska Fabrika, Brivibas Gate 19, V.E.F., Riga, Latvia.
- FELDSTEIN, MARTIN A. (A'36), Field Engineer, General Electric Company, 1405 Locust St., Philadelphia, Pa.
- FELIX, CLARENCE G. (A'29), Development Engineer, Crosley Radio Corporation, Cincinnati, Ohio. For mail: 4012 Davis Ave., Cheviot, Ohio.
- FELIX, EDGAR H. (J'17-A'19-M'25), Radio Consultant, 32 Rockland Pl., New Rochelle, N.Y.
- FENNESSY, FREDERICK H. (A'36), Radio Engineer, Rapid Radio Service, 90, Leeds Old Road, Bradford, Yorks, England.
- FERGUSON, JOHN D. (M'26), Staff Engineer, Power and Wireless Section, Department of Posts and Telegraphs, Leirim House, The Castle, Dublin, Irish Free State.
- FERGUSON, RALPH A. (A'36), Radio Tester, The Gramophone Company, Ltd., Hayes, Middx., England. For mail: 16 Waltham Ave., Hayes, Middx., England.
- FERNANDEZ, DAN T. (A'36), Engineer, Sears, Roebuck and Company, Homan and Arthington Sts., Chicago, Ill. For mail: 140 W. Jackson Ave., Villa Park, Ill.
- FERNANDEZ, JOSE DE PEDRO (A'31), Professor, Naval Radio School, Naval Base, Cartagena, Spain. For mail: Tententes Delgado 3, Santucar de Barremameada, Spain.
- FERNANDEZ, MANUEL A. (A'27), Avenida Rivera de San Cosme 41-43, Mexico, D.F., Mexico.
- FERNSLER, GEORGE L. (A'33), Engineer, Farnsworth Television, Inc., 127 E. Mermaid La., Philadelphia, Pa. For mail: 110 Avondale Ave., Haddonfield, N.J.
- FERRERA, FRED (A'36), Chief Engineer, XEMO, U. S. National Bank Bldg., San Diego, Calif. For mail: Box 202, San Diego, Calif.
- FERRELL, ENOCH B. (A'25-M'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., Deal, N.J.
- FERRER, ALLAN M. (A'34), Engineering Department, WHN, Loew's Inc., 1540 Broadway, New York, N.Y. For mail: 146 Union Ave., Mount Vernon, N.Y.
- FERRIS, MALCOLM (A'14-M'29), President, Ferris Instrument Corporation, Boonton, N.J.
- FERRIS, W. ROBERT (A'29-M'31), Research Engineer, RCA Radiotron Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- FERRY, ROBERT N. (S'35), Radio Engineer, Travelers Broadcasting Service, Inc., 26 Grove St., Hartford, Conn. For mail: 17 Auburn Rd., West Hartford, Conn.
- FETSCH, JOSEPH T., JR. (A'25), Electronics Engineer, Chief of Vacuum Tube Section, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- FETTERMAN, DONALD M. (J'27-A'30), Engineer, Continental Radio and Television Corporation, 618 W. Elm, Chicago, Ill. For mail: 644 York Pl., Chicago, Ill.
- FETTWEIS, CHARLES P. (A'36), Radio Engineer, Sheriff's Office, DuPage County Courthouse, Wheaton, Ill. For mail: 224 N. Blanchard St., Wheaton, Ill.
- FETZER, JOHN E. (A'24-M'28), President, WKZO, Inc., 124 W. Michigan Ave., Kalamazoo, Mich.
- FICEK, FRANTISEK (A'32), Sound Picture Consulting and Service Engineer, For mail: Dittrichova 20, Prague, Czechoslovakia.
- FICK, CLIFFORD G. (A'25), Radio Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 947 Maple Ave., Schenectady, N.Y.
- FIEDLER, LEROY, F. (A'30), Transmitter Supervisor, WKBW-WGR, Buffalo Broadcasting Corporation, Rand Bldg., Buffalo, N.Y. For mail: 98 West Ave., Lockport, N.Y.
- FIEGNA, EDMONDO (S'33-A'36), Radio-Electrical Engineer, Ente Italiano Audizioni Radiofoniche, Via Montello N° 5, Roma, Italy. For mail: Via Filippo Corridoni N° 15/5, Roma, Italy.
- FIELD, GEORGE S. (A'30), Physicist, National Research Council, Ottawa, Ont., Canada. For mail: National Research Laboratories, Ottawa, Ont., Canada.
- FIELD, PERCY A. (A'30), Royal Alexandra Hospital, Edmonton, Alta., Canada. For

FIE-FLI

- mail: 10434-69th Ave., Edmonton, Alta., Canada.
- FIELD, ROBERT F.** (A'18-M'30), Engineer, General Radio Company, 30 State St., Cambridge, Mass. For mail: 104 Church St., Watertown, Mass.
- FIELD, W. THAYER** (A'15), Private Experimenter, 262 Charlton Ave., South Orange, N.J.
- FIELDING, THOMAS J.** (A'36), Assistant Technical Editor, *English Mechanics*, Gilbert Wood and Company, Ltd., 2, Breams Bldgs., London, E.C. 4, England. For mail: 71, Cranbourne Ave., Wanstead, Essex, England.
- FILDERMAN, JOSEPH** (A'36), 3849 N. 18th St., Philadelphia, Pa.
- FILGATE, JOHN T.** (A'29-M'36), Assistant Chief Engineer, United American Bosch Company, Springfield, Mass. For mail: 121 S. Park Ave., Longmeadow, Mass.
- FILIPOWSKY, RICHARD** (S'36), Student, Technische Hochschule, Vienna, IV, Karlsplatz 4, Austria. For mail: Vienna, XIV, Storchengasse 12, Austria.
- FILL, JOHN** (A'35), 614 Cathedral Ave., Cleveland, Ohio.
- FILLMORE, FRANCIS A.** (J'26-A'30), Radio Operator, KMOX-Voice of St. Louis, Inc., Mart Bldg., 12th and Spruce Sts., St. Louis, Mo. For mail: 5530a Louisiana Ave., St. Louis, Mo.
- FILMER, NORMAN L.** (A'33), Engineer, African Broadcasting Company, Ltd., Maraisburg, Transvaal, Johannesburg, South Africa. For mail: Box 122, Grahamstown, C.P., South Africa.
- FILMER, WALTER L.** (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Rm. 812, 180 Varick St., New York, N.Y.
- FINCH, JAMES L.** (A'19-M'25), Transmitter Design Engineer, RCA Communications, Inc., Rocky Point, L.I., N.Y.
- FINCH, WILLIAM G. H.** (J'16-A'18-M'25), President and Technical Director, Finch Telecommunications Laboratories, Inc., 37 W. 57th St., New York, N.Y.
- FINDELL, ALFRED H.** (A'34), Proprietor, Alma Radio Service, 43 Alma Rd., St. Albans, Herts., England.
- FINDLEY, JOSEPH D., JR.** (S'36), Student, Carnegie Institute of Technology, Schenley Park, Pittsburgh, Pa. For mail: 2406 Second Ave., Altoona, Pa.
- FINDLEY, LAUREN K.** (S'34), Student, University of Minnesota, Minneapolis, Minn., and Member of Staff, KSTP, St. Paul Hotel, St. Paul, Minn. For mail: 1904 James Ave., S., Minneapolis, Minn.
- FINGERLE, WILLIAM, JR.** (S'35), Engineer, Duro Test Corporation, 583 Broadway, New York, N.Y. For mail: 32 Indian Rd., Port Chester, N.Y.
- FINK, DONALD G.** (A'35), Associate Editor, *Electronics*, McGraw-Hill Publishing Company, 330 W. 42nd St., New York, N.Y. For mail: 130 Grand Ave., Englewood, N.J.
- FINK, GEORGE A.** (A'36), Physicist, Hygrade Sylvania Corporation, St. Marys, Pa.
- FINNIGAN, CHARLES W.** (A'35), Production Development Engineering Department, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 256 Greenway S., Forest Hills, L.I., N.Y.
- FINTER, CLYDE V.** (A'20), Major, Air Corps, U. S. Army, Maxwell Field, Ala.
- FIRESTONE, FLOYD A.** (A'36), Assistant Professor of Physics, University of Michigan, 147 E. Physics Bldg., Ann Arbor, Mich.
- FIRESTONE, SAMUEL** (A'28), Planning Division, Detroit Edison Company, Rm. 715, 2000 Second Ave., Detroit, Mich.
- FIRTH, EDWARD T.** (A'36), Radio Technician, Berrymans Radio, Ltd., Broadway, Palmerston North, New Zealand. For mail: 43 Roy St., Wellington, New Zealand.
- FISCHER, ANDREW J.** (A'26), Engineer, The Haveg Corporation, 2100 N. Racine Ave., Chicago, Ill. For mail: 2501 Fargo Ave., Chicago, Ill.
- FISCHER, FRED W.** (A'36), Station WOWO, 215 West Main St., Fort Wayne, Ind. For mail: 1114 Crescent Ave., Fort Wayne, Ind.
- FISCHER, HERBERT B.** (A'25), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- FISCHER, LEONARD O.** (A'27), Engineer, Transformer Corporation of America, 69 Wooster St., New York, N.Y. For mail: 7 Washington Pl., New York, N.Y.
- FISHBERG, SIDNEY L.** (A'28), Radio Engineer, Polymet Manufacturing Corporation, 839 E. 134th St., New York, N.Y. For mail: 130 E. 32nd St., Brooklyn, N.Y.
- FISHER, ALTON B.** (A'33), Chief Electrician Tropical Radio Telegraph Company, Box 584, Hingham, Mass. For mail: 53 Robinswood Rd., South Weymouth, Mass.
- FISHER, CHARLES B.** (A'33), Radio Receiver Engineer, Northern Electric Company, Ltd., 1261 Shearer St., Montreal, Que., Canada.
- FISHER, HERBERT F.** (A'32), Inspector, Sales Inspection Department, Western Electric Company, c/o Stromberg-Carlson Telephone Manufacturing Company, Rochester, N.Y. For mail: 1955 Main St., E., Rochester, N.Y.
- FISHER, RAYMOND C.** (A'32), Research Work, 602 N. C St., Tacoma, Wash.
- FISHER, ROY S.** (A'27), Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 1123 E. Rittenhouse St., Germantown, Philadelphia, Pa.
- FISK, ERNST T.** (M'15-F'26), Amalgamated Wireless, Ltd., 47 York St., Wireless House, Sydney, N.S.W., Australia.
- FITCH, J. ALTON** (A'36), Owner, Radio Service Laboratory, 105 Frances St., Rome, N.Y.
- FITCH, WILLIAM A.** (J'26-A'29), Assistant to Director of Research and Development, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y.
- FITZNER, BERNHARDT J.** (A'35), Owner, B. J. Fitzner Company, 153 E. Elizabeth St., Detroit, Mich.
- FITZSIMONS, FRANK** (A'36), 1964 49th St., North Merchantville, N.J.
- FLACK, STANLEY G.** (S'33-A'34), Leeds and Northrup Company, 4901 Stenton Ave., Philadelphia, Pa.
- FLAHERTY, MARK** (A'31), Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 257 Hopkins Ave., Haddonfield, N.J.
- FLEBBE, WALTER E.** (A'31), R. 1, Box 499 A, North Platte, Neb.
- FLETCHER, EARLE S.** (A'26-M'27), Chief Radio Electrician, U. S. Coast Guard, 406 Rockefeller Bldg., Cleveland, Ohio.
- FLETCHER, HAROLD B.** (J'35-A'36), Studio Operator, National Broadcasting Service, 202 Gloucester St., Christchurch, C. I., New Zealand. For mail: 14 Gresford St., Christchurch, N. 1, New Zealand.
- FLETCHER, ROBERT H.** (A'36), Curator of Apparatus, Department of Physics, Massachusetts Institute of Technology, Rm. 10-253, Cambridge, Mass.
- FLETT, JAMES** (A'34), Wireless Officer, International Marine Radio Company, Ltd., Connaught House, 63, Aldwich, London, England. For mail: "Mamre" Stotfield Rd., Lossiemouth, Morayshire, Scotland.
- FLETT, WILLIAM J.** (A'36), Transmitter Operator, WPG, Convention Hall, Atlantic City, N.J. For mail: Box 1053, Atlantic City, N.J.
- FLICK, AUGUSTINE A., JR.** (A'28), Senior Engineer, Jefferson Electric Company, 25th and Madison Sts., Bellwood, Ill.

- FLICKINGER, JACK H. (A'36), Owner, Flix Sound Systems, 904 S. New Hampshire St., Los Angeles, Calif.
- FLIEHMAN, GLENN E. (A'36), Serviceman, Shannon Electric Supply Company, Woodsfield, Ohio. For mail: W. Court St., Woodsfield, Ohio.
- FLODMAN, LESTER J. (A'35), Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 41 Manor Ave., Oaklyn, N.J.
- FLOMENBAUM, HYMAN (A'36), Repair Technician, R. H. Macy and Company, Long Island City, L.I., N.Y. For mail: 68 Cannon St., New York, N.Y.
- FLOOD, SIMON W. (A'36), Technical Editor, *Radiobladet*, Oslo, Norway. For mail: Bjerregaardsgt 29 E. Oslo, Norway.
- FLOREZ, HERMANN (A'30), Chief Engineer, Paramount Broadcasting Corporation, 1 Nevins St., Brooklyn, N.Y. For mail: 1375 E. 18th St., Brooklyn, N.Y.
- FLORY, LESLIE E. (A'35), Research Engineer, Electronics Research Laboratory, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 122 E. Beechwood Ave., Oaklyn, N.J.
- FLOYD FRANCIS M. (A'36), Geophysicist, Mid-Continent Petroleum Corporation, 1104 Cosden Bldg., Tulsa, Okla. For mail: 1344 E. 19th St., Tulsa, Okla.
- FLYNN, ROY M. (A'35), Chief Engineer, KRLL, Adolphus Hotel, Dallas, Tex. For mail: 2903 Model St., Dallas, Tex.
- FOLEY, JOSEPH H. (A'31), Lieutenant, U. S. Navy, Radio Officer, Staff of Commander Cruiser Division 8, U.S.S. *Son Francisco*, c/o Postmaster, San Francisco, Calif.
- FONGER, C. IRWIN (A'30), Radio Operator, Muskegon Police Department, City Hall, Muskegon, Mich. For mail: 2045 Bourdon St., Muskegon, Mich.
- FOOT, GEORGE H. (S'36), Telephone Engineer, Development Department, Messrs. Siemens Bros. and Company, Ltd., Woolwich, London, S.E., 18, England. For mail: "Eglantine," Millbrook, Jersey, Channel Islands.
- FORAKER, CLARENCE M. (S'35), Student, Ohio State University, Columbus, Ohio. For mail: 138 Seventh St., Barberton, Ohio.
- FORBES, ALLAN C. (A'15-M'23), District Manager, Westinghouse Electrical Supply Corporation, 228 N. La Salle St., Chicago, Ill. For mail: 5140 N. Bernard St., Chicago, Ill.
- FORBES, FREDERICK D. (A'36), Radio Engineer, 22 Station Approach, Purley, Surrey, England.
- FORBES, HENRY C. (A'20-M'29), Vice President, Engineering, Colonial Radio Corporation, 254 Rano St., Buffalo, N.Y. For mail: 33 High Park Blvd., Eggertsville, N.Y.
- FORD, JOHN S. (A'28), Carrier and Telephone Engineer, Canadian National Telegraphs, 347 Bay St., Toronto, Ont., Canada.
- FORD, WARREN A. (A'19-M'37), Radio Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 1491 Parkwood Blvd., Schenectady, N.Y.
- FORMHALS, WILLIAM H. (A'36), Assistant Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa.
- FORSBERG, OTTO J. (A'20), Electrical Engineer, Chicago Miniature Lamp Works, 1500 N. Ogden Ave., Chicago, Ill. For mail: 1111 Webster Ave., Chicago, Ill.
- FORST, JAMES A. (A'36), 4568 Manchester Ave., St. Louis, Mo.
- FORSTALL, EDWARD L. (A'26), Engineering Assistant, Bell Telephone Company of Pennsylvania, 1835 Arch St., Philadelphia, Pa. For mail: Rosemont, Pa.
- FORSTER, ARTHUR G. (A'32), Life Underwriter, Equitable Life Assurance Society of the United States, 315 Montgomery St., San Francisco, Calif. For mail: 1600-39th Ave., Oakland, Calif.
- FORSTER, HAROLD J. (A'36), Engineer, Marconi's Wireless Telegraph Company, Chelmsford, Essex, England.
- FORSTER, KENNETH L. (A'36), Lieutenant, United States Navy, Rm. 2625, Navy Department, Washington, D.C.
- FORTIN, PAUL R. (A'32), Engineer, 353 Fifth Ave., New York, N.Y. For mail: 113 W. Stanton Ave., Baldwin, L.I., N.Y.
- FORTINGTON, WILLIAM H. (A'25-M'27), President, International Broadcasting Equipment Company, 1238 Fullerton Ave., Chicago, Ill.
- FOSSATI, LUIS R. (A'36), Technical Assistant, Argentine Aviation Commission, Rm. 854, 1775 Broadway, New York, N.Y.
- FOSTER, ARNOT P. (A'36), Engineering Department, Crosley Radio Corporation, 1329 Arlington Ave., Cincinnati, Ohio. For mail: 67 Sheehan Ave., Cincinnati, Ohio.
- FOSTER, DUDLEY E. (A'26-M'37), Engineer, RCA License Laboratory, 711 Fifth Ave., New York, N.Y. For mail: 45 Franklin St., Morristown, N.J.
- FOSTER, GEORGE L. (A'33), Service Manager, Spartan of Canada, Ltd., Elm St., London, Ont., Canada. For mail: 161 High St., London, Ont., Canada.
- FOSTER, NICK H. (A'36), Radio Field Engineer, Merchandise Division, General Electric Company, 2032 Second Ave., Seattle, Wash.
- FOUTS, AVERY L. (A'36), Service Manager, Jenkins Music Company, 1217 Walnut St., Kansas City, Mo. For mail: 2025 E. 47th Street Ter., Kansas City, Mo.
- FOWLER, LESTER T. (A'30), Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 105 E. Haddon Ave., Oaklyn, N.J.
- FOWLER, NEWTON B. (A'35), Technical Employee, American Telephone and Telegraph Company, 909 Hurt Bldg., Atlanta, Ga. For mail: 1479 Lanier Pl., N.E., Atlanta, Ga.
- FOX, BERT M. (J'28-A'32), Recording Engineer, Universal Pictures Corporation, Universal City, Calif. For mail: 628 S. Irving Blvd., Los Angeles, Calif.
- FOX, FLORIAN J. (A'27), Engineer, General Electric Company, Bridgeport, Conn. For mail: 479 Allyndale Dr., Stratford, Conn.
- FOX, JOHN E. (A'28), Production Manager, Electrical Research Laboratories, 2222 Diversy Blvd., Chicago, Ill. For mail: 5348 Nevada St., Chicago, Ill.
- FOX, ROBERT A. (A'26), Engineer, WHK, United Broadcasting Company, 1311 Terminal Tower, Cleveland, Ohio. For mail: 2249 Carabelle Ave., Lakewood, Ohio.
- FRAENCKEL, VICTOR H. (A'36), Director of Research, Electronic Tube Company, 1200 E. Mermaid Ave., Philadelphia, Pa. For mail: 317 E. Meehan Ave., Philadelphia, Pa.
- FRAME, FLOYD H. (A'26), Professor of Electrical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. For mail: 703-12th St., Rolla, Mo.
- FRANCHETTE, FELIX (A'33), Engineer in Charge of Radio Station FZE, Administration Metropolitaine des P.T.T. For mail: D'itbouti, French Somaliland, East Africa.
- FRANCIS, OLIVER T. (A'30), Captain, U. S. Marine Corps, M.B., N.A.D., Ft. Mifflin, Philadelphia, Pa.
- FRANCIS, THOMAS C. (A'27), Accountant, Hanley Oil Company, 2 Main St., Bradford, Pa. For mail: 65 State St., Bradford, Pa.
- FRANCK, ERNEST W. (A'30), Chief Engineer, Reeves Sound Studios, Inc., 1600 Broadway, New York, N.Y.
- FRANK, CHARLES W. (A'28), Engineer, Associated Electric Laboratories, Inc., 1033 W. Van Buren St., Chicago, Ill.
- FRANKEL, MORTIMER (M'29), Assistant General Manager, Fairbanks, Morse and Company, 21st and Northwestern Ave., Indianapolis, Ind.

FRA-GAB

- FRANKIS, ERNEST E. (A'31), Engineer-in-Charge, Cable and Wireless, Ltd., Beam Wireless Station, Skegness, Lincs., England.
- FRANKS, WILLIE E. (A'36), Seismograph Party, Lago Petroleum Corporation, Aptdo. 172, Maracaibo, Venezuela.
- FRATAR, FRANCIS J. (A'36), Radio Engineer, F. W. Sickles Company, Springfield, Mass. For mail: 816 Sumner Ave., Springfield, Mass.
- FRATER, GEORGE E. (S'34), Electronic Engineer, Electronic Control Corporation, 2832 E. Grand Blvd., Detroit, Mich. For mail: 5260 Three Mile Dr., Detroit, Mich.
- FRECK, RAYMOND H. (A'36), Radio Engineer, United American Bosch Corporation, Springfield, Mass. For mail: 39 Eldridge St., Springfield, Mass.
- FREDENDALL, BEVERLY F. (A'29), Audio Facilities Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y.
- FREDENDALL, GORDON L. (A'36), Junior Engineer, RCA Victor Division, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 425 Maple Ave., Westmont, N.J.
- FREDRICKS, JOHN E. (A'15), Chief Radio Electrician, U. S. Navy, RCA Manufacturing Company, Inc., A.I.N.M. Office, Bldg. 8-4, Camden, N.J.
- FREED, JOSEPH D. R. (J'15-A'18-M'23-F'29), Freed Television and Radio Corporation, 39-41-21st St., Long Island City, L.I., N.Y. For mail: Linden House, Riverdale, N.Y.
- FREEDMAN, HARRY J. (A'36), 413 S. Second St., Philadelphia, Pa.
- FREELAND, CARROLL (A'34), Radio Operator, Dollar Steamship Company, Los Angeles, Calif. For mail: White Swan, Wash.
- FREELAND, ERNEST C. (A'35), Radio Research Laboratory, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 743 Garland St., Philadelphia, Pa.
- FREEMAN, ARTHUR C. (A'36), Engineer, Amalgamated Wireless Valve Company, 554 Parramatta Rd., Ashfield, Sydney, Australia. For mail: 51 Park Rd., Burwood, N.S.W., Australia.
- FREEMAN, ROBERT H. (A'28), Communication Engineer, 125 W. 17th St., New York, N.Y.
- FREEMAN, ROBERT L. (S'32-A'33), Development Engineer, Crosley Radio Corporation, Cincinnati, Ohio.
- FREEMAN, STEPHEN, JR. (J'24-A'24), Electrical Engineer, Public Service Commission, 401 Statehouse, Indianapolis, Ind. For mail: 602 Dewey Ave., Jackson, Mich.
- FREIERMUTH, VINCENT I. (A'26), Engineer, Pacific Telephone and Telegraph Company, 140 New Montgomery St., San Francisco, Calif.
- FREIMANN, FRANK (A'24), President, Electro Acoustic Products, Fort Wayne, Ind.
- FRENCH, BENEDICT V. K. (M'30), Application Engineer, P. R. Mallory, Inc., 30 N. Bolton Ave., Indianapolis, Ind.
- FRENCH, EDWIN C. (A'33), 922 Dayton Ave., Saint Paul, Minn.
- FRENETTE, CHARLES (A'33), Chief Engineer, CKCV, Ltd., 142 John St., Quebec, Que., Canada.
- FRENZ, HARRY J. (A'29), Construction of Transmitters and Special Apparatus, RCA Manufacturing Company, RCA Victor Division, Camden, N.J. For mail: 325 Edgewood St., West Philadelphia, Pa.
- FREY, AUSTIN R. (A'34), Assistant Professor of Physics, Lehigh University, Bethlehem, Pa.
- FRIEDENTHAL, ANDREW (A'35), Studio Engineer, WJR, Inc., Fisher Bldg., Detroit, Mich. For mail: 5396 Oregon Ave., Detroit, Mich.
- FRIEL, FRED J., JR. (A'35), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 762 Wright Ave., Camden, N.J.
- FRIEND, ALBERT W. (A'34), Instructor, Department of Physics, West Virginia University, Morgantown, W. Va. For mail: 316 Forest Ave., Morgantown, W. Va.
- FRIEND, HALTON H. (A'26), Staff Engineer, Magnet Steel Division, Cinaudagraph Corporation, 2 Selleck St., Stamford, Conn.
- FRIIS, HAROLD T. (A'18-M'26-F'29), Research Engineer, Bell Telephone Laboratories, Inc., Chiffwood, N.J. For mail: Rumson, N.J.
- FRIIS, ROBERT W. (A'34), Member of Technical Staff, Bell Telephone Laboratories, Inc., Deal, N.J.
- FRINCKE, PAUL O. (A'32), Chief Engineer, WJBK, James F. Honkins, Inc., 6559 Hamilton Ave., Detroit, Mich. For mail: 26686 Kenwood Ave., Royal Oak, Mich.
- FRINK, FREDERICK W. (A'29), 518 Hamilton Ave., Palo Alto, Calif.
- FRICTSHEL, HERMAN G. (A'35), Salesman, Radio Parts Company, 332 W. State St., Milwaukee, Wis. For mail: 2106 W. Kilbourn Ave., Milwaukee, Wis.
- FRICTSHEL, PAUL G. (S'36), Student Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 8 State St., Schenectady, N.Y.
- FRIITZEL, JOSEPH A. (A'36), Engineer, Fritel Radio Laboratory, 454 W. North Ave., Chicago, Ill.
- FROST, NEAL (S'34), Student, University of Washington, Seattle, Wash. For mail: 4548-47th Ave., N.E., Seattle, Wash.
- FUBINI-GHIRON, EUGENIO (A'36), Ricercatore, Istituto Elettrotecnico Nazionale, Corso Massimo D'Azeglio 42, Torino, Italy. For mail: Via Pietro Micca N. 12, Torino, Italy.
- FUJIKURA, KEIJIRO (A'28), Japan Wireless Telegraph Company, Nissin Bldg., 2-chome Otomati, Tokyo, Japan.
- FULLER, FERNLY L. (A'36), Laboratory Engineer, Western Electric Company, Inc., 100 Central Ave., Kearny, N.J. For mail: 84 Davis Ave., Bloomfield, N.J.
- FULLER, LEONARD F. (A'14-M'14-F'25), Professor of Electrical Engineering and Chairman of Department, University of California, Berkeley, Calif. For mail: 1535 Cowper St., Palo Alto, Calif.
- FULMER, JOHN W. (A'34), Assistant Electrical Engineer, Underwriters Laboratories, Inc., 109 Leonard St., New York, N.Y. For mail: 19 Adams Ave., Cranford, N.J.
- FULTZ, MILES E. (A'17), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 43-05-215th St., Bayside, L.I., N.Y.
- FUND, STANLEY R. (A'32), Radio Operator, American Airlines, Inc., Buffalo Municipal Airport, Buffalo, N.Y. For mail: 5 Arend Ave., Williamsville, N.Y.
- FUNG, JOHN H. (A'30), Sound Engineer, British Colonial Film Exchange, Ltd., 36 South Quay, Port of Spain, Trinidad, B.W.I. For mail: 24 Mcurano Rd., Trinidad, B.W.I.
- FURTH, FREDERICK R. (S'32-A'35), Lieutenant, U. S. Navy, Navy Department, Washington, D.C.
- FYLER, GEORGE W. (A'30), Radio Engineer, General Electric Company, Bridgeport, Conn.

G

- GABLER, RAYMOND T. (A'32), Instructor in Electrical Engineering, Carnegie Institute of Technology, Schenley Park, Pittsburgh, Pa.
- GABRIEL, RALPH P. (A'36), Radio Engineer, Standard Radio Relay Services, Ltd., Bush House, Aldwych, London, W.C. 2, England. For mail: Coxhill, Chobham, Woking, Surrey, England.
- GABRIUNAS, KAZYS A. (A'34), Signal Officer, P. A. Rinktine, A. Panemune, Lithuania.

- GAGE, DAVID H. (A'19-M'26), 56 Vreeland Ave., Rutherford, N.J.
- GAGER, FRANK M. (J'24-A'26), Professor of Physics, Boston College, Chestnut Hill, Massachusetts. For mail: Suite 19, 393 Broadway, Cambridge, Mass.
- GAGNEBIN, WILLIAM B. (A'31), In Charge of Field Station, Shortwave and Television Laboratory, Inc., 70 Brookline Ave., Boston, Mass. For mail: N. Main St., Cohasset, Mass.
- GAINER, WILLIAM P. (J'27-A'28), Transmitter Engineer, WISN, Hearst Radio, Inc., 123 W. Michigan St., Milwaukee, Wis. For mail: 2937 N. Cramer St., Milwaukee, Wis.
- GAINES, BENJAMIN R. (A'26), Principal Radio Electrician, U. S. Bureau of Air Commerce, 201 Post Office Bldg., Oakland, Calif.
- GAISER, MARTIN W. (J'30-A'32), Test Equipment Engineer, Delco Radio Division, Home Ave., Kokomo, Ind. For mail: R.R. 1, Tipton, Ind.
- GALEA, ROBERT F. (A'36), Chief Engineer, Simonds-Farsons, Ltd., B-Kara, Malta. For mail: 20 Str. Collegiata, B-Kara, Malta.
- GALLAY, HARRIS (A'36), Radio Engineer, U. S. Army, Signal Corps, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio. For mail: 401 Oxford Ave., Dayton, Ohio.
- GAMBLE, WILLIAM T. (A'32), 5411 32nd Ave., Woodside, L.I., N.Y.
- GAMBRELL, HORACE W. (A'25-M'30), Radio Publicist, The Edison Swan Electric Company, Ltd., 155 Charing Cross Rd., London, W.C. 2, England.
- GANNETT, DANFORTH K. (M'31), Telephone Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- GANNON, THOMAS P. (A'36), Laboratory Assistant, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 36 W. Fourth St., Emporium, Pa.
- GARARD, EARL A. (A'26), Radio Engineer, U. S. Navy Department, Naval Air Station, San Diego, Calif. For mail: 315½ Palm Ave., Coronado, Calif.
- GARCEAU, LOVETT (A'31), Director, Electro-Medical Laboratory, Inc., Holliston, Mass.
- GARCIA, LUIS A. (A'36), Technical Manager, La Voz del Gigante Public Address and Sound System, Ave. Rondeau 1489, Montevideo, Uruguay. For mail: Apt. 2, Vilardebo 2065, Montevideo, Uruguay.
- GARCIA, STEVEN C. (A'36), Assistant Engineer, Ashbacker Radio Corporation, Michigan Theatre Bldg., Muskegon, Mich. For mail: 372 Apple Ave., Muskegon, Mich.
- GARDNER, DERRY H. (A'33), Geophysicist, Humble Oil and Refining Company, 269 Humble Bldg., Houston, Tex. For mail: 4120 Belleaire Blvd., Houston, Tex.
- GARRETT, ERNEST D. (A'36), Production Department, Gulf Refining Company, Box 1731, Shreveport, La. For mail: Box 248, Queensboro Station, Shreveport, La.
- GARRISON, MILLARD M. (M'35), Radio Engineer, Jansky and Bailey, 924 National Press Bldg., Washington, D.C.
- GARSTANG, WILLIAM W. (A'31-M'35), Vice President, Chief Engineer, Electric Laboratories, Inc., 122 W. New York St., Indianapolis, Ind.
- GARUDACHER, T. K. (A'36), Station Engineer, Bombay Broadcasting Station, Irwin House, Ballard Estate, Bombay, India.
- GARVEY, EDMOND (A'29), Manager, Radio Testing and Inspecting Department, American Bosch Magneto Company, Springfield, Mass. For mail: 18 Rittenhouse Ter., Springfield, Mass.
- GARY, LAURENCE A. (A'26), Exchange Transmission Engineer, Pacific Telephone and Telegraph Company, 140 New Montgomery St., San Francisco, Calif.
- GASPAROVITCH, STEPHEN (A'26), Radio Electrician, U. S. Lighthouse Service, Box 136, Buffalo, N.Y.
- GATES, HOWARD A. (M'33), Vice President, Director of Engineering, Detrola Radio and Television Corporation, W. Fort at W. Grand Blvd., Detroit, Mich. For mail: 7760 La Salle Blvd., Detroit, Mich.
- GATI, BELA (A'28), 105 S. Fulton Ave., Mount Vernon, N.Y.
- GAUTBY, HUBERT R. B. (A'36), Assistant Works Manager, Overend and Company, Ltd., Mount Tabor Works, Leeds 9, Yorks, England. For mail: Melton Grange, Brough, East Yorks, England.
- GAUTSCHI, WERNER (A'36), Factory Technician, H. Thorens, A. G., Les Genets, Ste. Croix, Switzerland.
- GAVORET, GEORGES (A'31), General Manager, Etablissements Gamma, 21, rue Dautancourt, Paris XVII^e, France.
- GAWLER, HENRY C. (M'23), Sales Engineer, 102 N. 22nd St., East Orange, N.J.
- GAY, JAMES E. (A'32), U.S.S. Omaha, c/o Postmaster, New York, N.Y.
- GAY, PAUL S. (A'31), Executive, Wilcox-Gay Corporation, Charlotte, Mich.
- GAYDOS, GEORGE J. (A'31), 90-17-219th St., Queens Village, L.I., N.Y.
- GEBHARD, LOUIS A. (A'20), Radio Engineer, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- GEBHARDT, PAUL B. (A'27), Engineer, International Radio Corporation, Fourth and Williams Sts., Ann Arbor, Mich. For mail: 1492 Greenview Dr., Barnard Heights, Ann Arbor, Mich.
- GEE, HARRY T. P. (A'25), Patent Agent, Gee and Company, Staple House, 51-52, Chancery La., London, W.C. 2, England.
- GEIGER, DOUGLAS G. (A'31), Transmission Engineer, Bell Telephone Company of Canada, 76 Adelaide St., W., Toronto, Ont., Canada.
- GELARDI, MATTHEW (A'29), Radio Operator, WMEX, The Northern Corporation, 70 Brookline Ave., Boston, Mass. For mail: 24 Allston St., Revere, Mass.
- GELLERUP, DANIEL W. (A'30), Technical Director, WTMJ, Milwaukee Journal Company, 333 W. State St., Milwaukee, Wis.
- GELUCH, ANTHONY (A'36), North Bend, B.C., Canada.
- GEMMILL, FREDERICK O. (S'36), Graduate Student, Department of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 350 Commonwealth Ave., Boston, Mass.
- GEMOETS, E. LOUIS (A'35), Technical Supervisor, Tri State Broadcasting Company, KTSM-WDAH, Box 1976, El Paso, Tex. For mail: 2714 Wheeling St., El Paso, Tex.
- GENERAL, JOSEPH (A'36), Associate Radio Physicist, Puerto Rican Reconstruction Administration, University of Puerto Rico, Rio Piedras, Puerto Rico. For mail: RCA Communications, Inc., Edificio Ochoa, San Juan, Puerto Rico.
- GENGENBACH, ALBERT W. (J'27-A'28), Radio Operator, WCAU Broadcasting Company, 1622 Chestnut St., Philadelphia, Pa. For mail: 1347 Robinson Ave., Manoa, Upper Darby, Pa.
- GENTSCH, MILTON F. (A'34), Test Engineering, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 5-78th Rd., Forest Hills, L.I., N.Y.
- GEOGHEGAN, EAMONN D. A. (A'36), Chief Engineer, Polymet Manufacturing Corporation, 829 E. 134th St., New York, N.Y. For mail: 127 W. 70th St., New York, N.Y.
- GEORGE, EVERETT E. (A'22), Superintendent of System Operation, Tennessee Electric Power Company, 417 Power Bldg., Chattanooga, Tenn.
- GEORGE, RALPH W. (A'31), Radio Engineer, RCA Communications, Inc., Riverhead, L.I., N.Y.
- GEORGE, WILLIAM D. (A'33), Junior Electrical Engineer, Radio Section, National Bureau of Standards, Washington, D.C. For

GER-GLA

- mail: 4308-37th St., N.W., Washington, D.C.
- GERBER, PAUL D.** (A'31), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 204 Evergreen Ave., Woodlyne, Camden, N.J.
- GERHOLD, NORMAN S.** (A'34), Supervisor, Radio Service, Consolidated Gas, Electric Light and Power Company, Lexington and Liberty Sts., Baltimore, Md. For mail: 5813 Gwynn Oak Ave., Baltimore, Md.
- GERKS, IRVIN H.** (A'32), Instructor in Electrical Engineering, Georgia School of Technology, Atlanta, Ga.
- GERLACH, GERALD G.** (A'36), RCA Manufacturing Company, Inc., Camden, N.J. For mail: 238 S. Camac St., Philadelphia, Pa.
- GERSTEIN, MICHAEL G.** (J'30-A'32), Sound Engineer, 849 Stebbins Ave., New York, N.Y.
- GERTLE, JOHN** (A'28), Research Director, Chemical and Electrical Research Laboratories, 1119 Lindley Ave., Philadelphia, Pa.
- GERTEN, NICHOLAS** (A'32), President, Cie. Francaise Blaw-Knox, 11 Rue la Boetie, Paris 8^e, France.
- GHERMANDI, MARIO** (S'33-A'36), Electrical Engineer, Società Elettrotecnica Chimica Italiana, Viale Umbria 5, Milano, Italy. For mail: Viale Molise 55, Milano Italy.
- GHIRARDI, ALFRED A.** (M'34), Owner, Radio and Technical Publishing Company, 45 Astor Pl., New York, N.Y.
- GIANNINI, GABRIEL M.** (A'30), President, Transducer Corporation, 30 Rockefeller Plaza, New York, N.Y.
- GIBAS HUBERT A. S.** (A'35), Radio Engineer, N. V. van der Heem and Bloemsma, Stortenbekerstr, 177, The Hague, Netherlands. For mail: Leidsche Gracht 78, Amsterdam-C, Netherlands.
- GIBBONS, DONALD R.** (A'36), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- GIBBS, REGINALD J.** (A'36), In Charge of Signals, Royal New Zealand Air Force, Wigram Aerodrome, Sockburn, Christchurch, New Zealand.
- GIBBS, WALTER D.** (A'35), Factory Contact for Engineering Products Sales, RCA Manufacturing Company, Inc., Bldg. 15-4, Camden, N.J. For mail: 225 S. 33rd St., Camden, N.J.
- GIBSON, MAURICE** (A'36), c/o Barclay's Bank, Ltd., Adderley St., Cape Town, South Africa.
- GIBSON, ROBERT D.** (A'18), Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 288 Elm Ave., Rahway, N.J.
- GIBSON, WILLIAM T.** (A'32), Chief Vacuum Tube Engineer, Standard Telephones and Cables, Ltd., North Woolwich, London, E. 16, England. For mail: "The Firs," St. George's Rd., Bickley, Kent, England.
- GIDH, SACHINDRA G.** (A'36), Radio Engineer, "His Master's Voice," The Gramophone Company, Ltd., 28 Rampart Row, Fort, Bombay, India. For mail: Indira Lodge, Santa Cruz, Bombay, India.
- GIERINGER, CARL K.** (S'34-A'36), Development Engineer, Liebel-Flarsheim, 303 W. Third St., Cincinnati, Ohio. For mail: Miami-town, Ohio.
- GIESE, RAYMOND C.** (A'22-M'31), Division Plant Engineer, American Telephone and Telegraph Company, 311 W. Washington St., Chicago, Ill.
- GIET, GEORGE R.** (A'33), Associate Professor of Radio, U. S. Naval Postgraduate School, Annapolis, Md.
- GIGLI, ANTONIO** (A'35), Assistant Engineer, Istituto Elettrotecnico Nazionale G. Ferraris, Corso Massimo d'Azeglio 42, Torino, Italy.
- GIHRING, HERMAN E.** (A'29), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 125 W. Browning Rd., Collingswood, N.J.
- GILBERT, GEORGE** (A'27), Senior Radio Electrician, Radio Branch, Department of Marine, Dominion Government of Canada. For mail: 515 Admirals Rd., Esquimalt, B.C., Canada.
- GILBERT, JOHN C.** (A'31), Owner-Manager, John C. Gilbert Company, 15 N.W. 12th Ave., Miami, Fla.
- GILBERT, JOHN J.** (A'16), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- GILBERT, LESTER H.** (A'36), Chief Engineer, WNBC, Howitt-Wood Radio Company, Arlington Hotel, Binghamton, N.Y. For mail: 92 Seneca St., Binghamton, N.Y.
- GILBERT, WALTER E.** (A'36), Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 2112 W. Venango St., Philadelphia, Pa.
- GILDER, JOHN A.** (S'36), Student, Indiana Technical College, Fort Wayne, Ind. For mail: 608 W. Jefferson St., Fort Wayne, Ind.
- GILL, ARCHIBALD J.** (M'20), Staff Engineer, Head of Radio Branch, Engineering Department, General Post Office, St. Martins Le Grand, London, E.C. 1, England.
- GILLEN, JOHN J.** (A'36), Chief Inspector, The Magnavox Company, Fort Wayne, Ind. For mail: 2329 St. Albans St., Philadelphia, Pa.
- GILLETT, GLENN D.** (A'22-M'27-F'34), Head of Firm, Glenn D. Gillett, Consulting Radio Engineer, Rm. 982, National Press Bldg., Washington, D.C.
- GILLETTE, KENNETH G.** (A'29), Radio Engineer, General Electric Company, Bridgeport, Conn. For mail: Grahamsville, N.Y.
- GILLILAND, THEODORE R.** (A'28), Associate Physicist, Radio Section, National Bureau of Standards, Washington, D.C.
- GILLMEISTER, FREDERICK W.** (A'31), Chemical Engineer, California Packing Corporation, Plant 101, Monterey, Calif. For mail: 405 Meridian Rd., San Jose, Calif.
- GILMAN, GEORGE W.** (A'29), Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- GILMER, JOHN E.** (A'34), Owner, Gilmer Binders, 228 Chancellor St., Philadelphia, Pa.
- GIOGA, PETER** (A'26), Sound Technician, Columbia Pictures Corporation, 1438 N. Gower, Hollywood, Calif. For mail: 428 N. Maple Dr., Beverly Hills, Calif.
- GIOVANINI, FRANK** (A'28), 94 Baxter St., Buffalo, N.Y.
- GIRARD, EDWARD J.** (A'28-M'36), District Manager, Mackay Radio and Telegraph Company, 1420 New York Ave., N.W., Washington, D.C.
- GJELHAUG, JOHN A.** (A'17), County Surveyor and Civil Engineer, Baudette, Minn.
- GLASER, EDWARD M.** (A'27), Research Engineer, Kollsman Instrument Company, 1 Junius St., Brooklyn, N.Y. For mail: 14 Wallace Ave., Bellmore, L.I., N.Y.
- GLASER, MARCUS** (A'28), Chief Engineer, United Scientific Laboratories, Pierce-Airo, Inc., 510-518 Sixth Ave., New York, N.Y. For mail: 226-07-137th Ave., Laurelton, L.I. N.Y.
- GLASGOW, ROY S.** (M'26), Associate Professor of Electrical Engineering, Washington University, St. Louis, Mo. For mail: 7373 Kingsbury Blvd., University City, Mo.
- GLASS, MYRON S.** (A'36), Vacuum Tube Development, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- GLASSEY, ROBERT B.** (A'36), Radio Service Engineer, c/o J. C. Davidson, Electrical Engineer, 180 Main St., Pahiataua, New Zealand.
- GLASSMAN, GEORGE H.** (A'36), Service Manager, Fairbanks, Morse, and Company, 2060 Northwestern Ave., Indianapolis, Ind.

- For mail: 3761 N. Meridan St., Indianapolis, Ind.
- GLAUBER, JOHN J.** (A'27), Engineer, National Union Radio Corporation, 57 State St., Newark, N.J. For mail: 151 N. 12th St., Newark, N.J.
- GLEASON, HAROLD H.** (A'25-M'32), Design Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 48 E. Collingswood Ave., Oaklyn, N.J.
- GLEASON, ROBERT J.** (A'36), Acting Communication Superintendent, Pacific Alaska Airways, Inc., Fairbanks, Alaska.
- GLESSNER, JACK M.** (A'30), Sales Engineer, Heintz and Kaufman, Ltd., South San Francisco, Calif. For mail: 1852 Tacoma Ave., Berkeley, Calif.
- GLOVER, GEORGE A. J.** (A'32), Chief Engineer, W and W Broadcasters Party, Ltd., 430 Little Collins St., Melbourne, Victoria, Australia. For mail: Box 2147 T, G.P.O., Melbourne, Victoria, Australia.
- GLOVER, RALPH P.** (A'36), Chief Engineer, Shure Brothers, 225 W. Huron St., Chicago, Ill. For mail: 7424 Phillips Ave., Chicago, Ill.
- GLUYAS, THOMAS M., JR.** (S'35), Television Research, Philco Radio and Television Corporation, Ontario and C Sts., Philadelphia, Pa. For mail: 911 Stokes Ave., Collingswood, N.J.
- GODDARD, DE WITT R.** (A'31), RCA Communications, Inc., Riverhead, L.I., N.Y. For mail: 303 Main St., Riverhead, L.I., N.Y.
- GODDARD, JOHN B.** (S'29-A'32), Electrical Engineer, Public Service Commission of West Virginia, State Capitol Bldg., Charleston, W.Va.
- GODFREY, FREDERICK E.** (A'30), 30 Kemplay Rd., Hampstead, London, N.W. 3, England.
- GODFREY, JAMES S.** (A'30), Operator, WTAG, 18 Franklin St., Worcester, Mass.
- GODINEZ, SILVIO H.** (S'33-A'36), Assistant Engineer to Superintendent General, Hershey Corporation, Hershey, Province of Habana, Cuba.
- GODLEY, PAUL F.** (A'14), Consulting Engineer, 10 Marion Rd., Upper Montclair, N.J.
- GODSHO, ALBERT P.** (A'21), Engineer of Transmission and Protection, Bell Telephone Company of Pennsylvania, 1835 Arch St., Philadelphia, Pa.
- GOERING, RAYMOND A.** (A'36), Vice President and Secretary, Canandaigua Electric Appliance Corporation, 235 S. Main St., Canandaigua, N.Y.
- GOETZ, LAWRENCE R.** (A'36), Engineer, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: R.R. 9, Box 702 G, Indianapolis, Ind.
- GOETZ, MANFRED** (A'34), Radio Engineer, 6 Benoin Arcade, Benoin, Transvaal, South Africa. For mail: Box 160, Benoin, Transvaal, South Africa.
- GOHN, CARL T.** (S'35-A'36), Order Clerk, Westinghouse Electric and Manufacturing Company, 3001 Walnut St., Philadelphia, Pa. For mail: 1848 N. Leithgow St., Philadelphia, Pa.
- GOLDENBERG, HENRY E.** (J'23-A'26), Chief Engineer, WHB Broadcasting Company, Scarritt Bldg., Kansas City, Mo. For mail: 6009 Central St., Kansas City, Mo.
- GOLDIN, HYMAN C.** (A'27), Montreal Operating Supervisor, Dominion Sound Equipments, Ltd., 1620 Notre Dame St., W., Montreal, Que., Canada. For mail: Apt. 15, 4890 Queen Mary Rd., Montreal, Que., Canada.
- GOLDMAN, STANFORD** (A'36), Assistant Engineer, General Electric Company, 1285 Boston Ave., Bridgeport, Conn. For mail: 423 Wayne St., Bridgeport, Conn.
- GOLDMARK, PETER C.** (A'36), Engineer in Charge of Television, Columbia Broadcasting System, Inc., 485 Madison Ave., New York, N.Y.
- GOLDSMITH, ALFRED N.** (M'12-F'15), Consulting Engineer, Suite 3101-7, 444 Madison Ave., New York, N.Y.
- GOLDSMITH, LLOYD T.** (A'27), Engineering Department, Warner Bros. Pictures, Inc., Burbank, Calif.
- GOLDSMITH, O. BRUCE** (A'34), Radio Engineer, Hygrade Sylvania Corporation, Salem, Mass. For mail: 41 Central Ave., Danvers, Mass.
- GOLDSTEIN, MAXWELL K.** (A'30), Assistant Radio Engineer, U. S. Signal Corps, Aircraft Radio Laboratory, Wright Field, Ohio. For mail: 1414 Cory Dr., Dayton, Ohio.
- GOLDSTINE, HALLAN E.** (A'29), Radio Transmitter Design Engineer, Radio Corporation of America, Radio Central, Rocky Point, L.I., N.Y.
- GOOCH, CORNELIUS S.** (A'36), 800 W. Sixth St., Amarillo, Tex.
- GOODALE, E. DUDLEY** (A'34), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 29-35-214th Pl., Bayside, L.I., N.Y.
- GOODALL, WILLIAM M.** (A'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., Box 122, Deal, N.J.
- GOODERLET, EDWARD F.** (A'31), Radio Engineer, WIL, Melbourne Hotel, St. Louis, Mo. For mail: 6552 Maurice Ave., St. Louis, Mo.
- GOODBOY, GEORGE O.** (A'31), Audit Clerk, Union Railroad Company, 1419 Carnegie Bldg., Pittsburgh, Pa. For mail: 3341 Latonia Ave., Dormont, Pittsburgh, Pa.
- GOODCHILD, FRANK D.** (A'36), Chief Engineer, Valve Factory, Standard Telephone and Cables, Ltd., Footscray, Sidecup, Kent, England. For mail: 10 Links Rd., West Wickham, Kent, England.
- GOODE, KENNETH H.** (A'27), 6102 Kimbark Ave., Chicago, Ill.
- GOODHUE, WALTER W.** (A'35), Test Engineer, Radio Transmitter Department, General Electric Company, Schenectady, N.Y. For mail: 167 Nott Ter., Schenectady, N.Y.
- GOODLING, GEORGE G., JR.** (A'35), Research Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 204 Evergreen Ave., Woodlynne, Camden, N.J.
- GOODNOW, ARTHUR C.** (A'36), Field Engineer, Radio Division, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass. For mail: 710 Lincoln Highway, New Haven, Ind.
- GOODWIN, EDWIN A.** (A'30), Associate Radio Engineer, U. S. Army, Fort Mounmouth, Oceanport, N.J. For mail: Box 64, Long Branch, N.J.
- GOODWIN, VERNON D.** (A'34), Standardizing Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 113 1/2 W. Fourth St., Emporium, Pa.
- GOODWIN, W. NELSON, JR.** (A'15-M'29), Chief Engineer, Weston Electrical Instrument Corporation, 614 Frelinghuysen Ave., Newark, N.J. For mail: 30 Scheerer Ave., Newark, N.J.
- GOODWIN, WILLIAM J.** (J'32-A'35), Physics Assistant, Wilson College, Chambersburg, Pa. For mail: North Lima, Ohio.
- GOOTNICK, SAMUEL** (A'34), Burgoyne Wireless, Ltd., Great West Rd., Brentford, Middx., England. For mail: 47, Highfield Gardens, Golders Green, London, N.W. 11, England.
- GORBUNOFF, ALEX** (A'35), Radio Engineer, General Household Utilities Company, 2638 N. Pulaski Rd., Chicago, Ill. For mail: 4020 Parker Ave., Chicago, Ill.

GOR-GRE

- GORDINHO, T. J. (A'36), Technical Assistant, Technical Department, Post Office, Lourenco Marques, Portuguese East Africa.
- GORDON, HARRY E. (A'26), Equipment Engineer, Rochester Telephone Corporation, 25 North St., Rochester, N.Y.
- GORDON, MALCOLM K., JR. (A'36), Garrison, N.Y.
- GORHAM, R. C. (A'26), Associate Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa.
- GOSS, FRANK A. (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., Box E, Whippany, N.J.
- GOTHE, ALBRECHT (A'30), Engineer, Telefonken, Hallesches Ufer 12, Berlin, S.W. 11, Germany.
- GOTTIER, THOMAS L. (A'30), Engineer, Television Department, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 28 Strawbridge Ave., Westmont, N.J.
- GOUGH, JOHN H. (A'30), Associate Radio Engineer, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: 4702 Maple Ave., Washington, D.C.
- GOULD, HOWARD S. (A'25), University of Michigan, Detroit, Mich. For mail: 214 Tuxedo Ave., Highland Park, Mich.
- GOULD, LAURENCE K. (A'34), Geophysical Engineer, Western Geophysical Company, Petroleum Securities Bldg., Los Angeles, Calif. For mail: 700 N. Monterey St., Alhambra, Calif.
- GOULD, WILLIAM B., III (A'36), Electrical Engineer, Metropolitan District Commission, 20 Somerset St., Boston, Mass. For mail: 75 Harvard Ave., Hyde Park, Mass.
- GOULETT, WILFRED B. (S'32-A'35), Lieutenant, U. S. Navy, Bureau of Engineering, Navy Department, Washington, D.C.
- GOVE, EDWARD L. (A'28-M'32), Technical Supervisor, Radio Air Service Corporation, 1311 Terminal Tower Bldg., Cleveland, Ohio.
- GOYDER, CECIL W. (A'30), Chief Engineer, All-India Radio, New Delhi, India.
- GRACE, DONALD A. (A'27), Engineer, 3KZ Broadcasting Company, 64 Elizabeth St., Melbourne, Australia. For mail: 10 Service St., Essendon, Victoria, Australia.
- GRACIE, JOHN A. (A'28), Executive Engineer, Engineer-in-Chief's Office, Armour House, General Post Office, London, England.
- GRAEF, ROBERT P. (S'36), Student, University of Cincinnati, Cincinnati, Ohio. For mail: 3470 Stathem Ave., Cincinnati, Ohio.
- GRAF, ALOIS W. (A'26), Patent Attorney, General Electric Company, Schenectady, N.Y. For mail: 1448 Baker Ave., Schenectady, N.Y.
- GRAF, CHARLES A. (A'34), Design Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 102 Crescent Ave., Leonia, N.J.
- GRAF, HERMAN, JR. (A'19), Radio Engineer, Bureau of Engineering, Navy Department, Washington, D.C. For mail: 3035 Presstman St., Baltimore, Md.
- GRAHAM, ALEXANDER (A'34), Lecturer in Electrical Engineering, Dudley and Staffordshire Technical College, The Broadway, Dudley, Worcs., England. For mail: 28, Grange Rd., Dudley, Worcs., England.
- GRAHAM, BURWELL (A'28), Chief Engineer, Spartan of Canada, Ltd., Elm St., London, Ont., Canada. For mail: 335 Ashland Ave., London, Ont., Canada.
- GRAHAM, FRANK H. (A'23), Electrical Research Products, Inc., 250 W. 57th St., New York, N.Y.
- GRAHAM, HENRY U. (A'33), Inspector, Federal Communications Commission, Central Monitoring Station, Grand Island, Neb.
- GRAHAM, LANCE B. (A'36), Managing Director, Australian Radio College, Ltd., E. S. and A. Bank Chambers, Broadway and City Rd., Sydney, N.S.W., Australia.
- GRAHAM, MAX L. (S'33-A'35), Microphone and Speaker Development, RCA Manufacturing Company, Inc., Camden, N.J. For mail: Apt. B-302, 700 Station Ave., Haddon Heights, N.J.
- GRAHAM, VIRGIL M. (A'24-M'27-F'35), Director, Tube Application Department, Hygrade Sylvania Corporation, Drawer 431, Emporium, Pa.
- GRAHAM, WALTER A. (A'36), Studio Engineer, International Broadcasting Corporation, 132 W. 43rd St., New York, N.Y. For mail: 20-54-33rd St., Astoria, L.I., N.Y.
- GRAMMES, RAYMOND W. (A'35), Radio Instructor, Los Angeles Adult Evening College, 855 N. Vermont Ave., Los Angeles, Calif. For mail: 1205 W. Pico St., Los Angeles, Calif.
- GRAND, JACOB (A'36), Salesman and Designer, Sun Radio Company, 227 Fulton St., New York, N.Y. For mail: 10 Stone St., Yonkers, N.Y.
- GRANQVIST, CARL E. (A'35), Laboratory Engineer, Aga-Baltic Radio, A/B, Lidings, Near Stockholm, Sweden.
- GRANT, HERBERT A., JR. (S'34-A'36), Draftsman and Designer, Weston Electrical Instrument Corporation, 614 Frelinghuysen Ave., Newark, N.J. For mail: 214 Glenwood Ave., East Orange, N.J.
- GRANT, IAN C. (A'36), Marine Inspector, Marconi's Wireless Telegraph Company, 25 de Mayo 489, Buenos Aires, Argentina.
- GRANT, LAWRENCE E. (J'28-A'29), Radio Engineer, WDRG, Transmitting Plant, Bloomfield, Conn. For mail: 51 Bartlett Ave., Belmont, Mass.
- GRAVES, ANSON C. (A'36), 116 N. Dixie Hi-Way, Lake Worth, Fla.
- GRAY, DUDLEY (A'36), Engineer, Doolittle and Fallnor, 1306 W. 74th St., Chicago, Ill. For mail: 9105 Eberhart Ave., Chicago, Ill.
- GRAY, FLOYD E. (M'36), Radio Engineer, Intercontinent Corporation, 181 Kiangse Rd., Shanghai, China. For mail: Fulton, Ind.
- GRAY, KLINE (A'30), District Sales Manager, Ward Leonard Electric Company, 53 W. Jackson Blvd., Chicago, Ill.
- GRAY, RICHARD E. (A'26), Radio Engineer, International Telephone and Telegraph Company, Les Laboratoires L.M.T., 46 Avenue de Breteuil, Paris, France.
- GREAVES, V. FORD (F'28), Chief Inspector, Western Area, Federal Communications Commission, 328 Customhouse, San Francisco, Calif.
- GREEN, ALFRED L. (A'28), Engineer, Amalgamated Wireless, Australasia, Ltd., 554 Parramatta Rd., Ashfield, N.S.W., Australia.
- GREEN, CHARLES B. (A'35), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- GREEN, DARRELL B. (A'29), Professor of Electrical Engineering, Ohio University, Athens, Ohio. For mail: 5 Arden Pl., Athens, Ohio.
- GREEN, ERNEST (A'17), Writtle Mead, Writtle, Essex, England.
- GREEN, ESTILL I. (A'27-M'36), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- GREEN, IRVING L. (A'30), Chief Engineering Draftsman, U. S. Navy, Mare Island, Vallejo, Calif. For mail: 213 Fulton St., Palo Alto, Calif.
- GREEN, WARREN L. (A'36), Technician, KHO-KGA, Louis Wasmer, Inc., Spokane, Wash.
- GREEN, WILLIAM G. (A'25), President, Engineering Laboratories, Inc., 218-220 E. Fourth St., Tulsa, Okla.
- GREENE, FRANCIS M. (A'35), Junior Telephone and Telegraph Engineer, Erie Railroad Company, Cleveland, Ohio. For mail: 1377 Lakeland Ave., Lakewood, Ohio.

- GREENE, LLOYD C. (A'22), Managing Director, Portland Broadcasting System, 119 Exchange St., Portland, Maine. For mail: Hotel Myles Standish, Boston, Mass.
- GREENGARD, JULIUS E., JR., (A'36), Engineering Department, Radio Receptor Company, Inc., 106 Seventh Ave., New York, N.Y.
- GREENLEAF, SYDNEE A. (A'32), Assistant Radio Engineer, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: 214 Quaker La., Alexandria, Va.
- GREENSTEIN, PHILIP (A'28), Instructor in Electrical Engineering, New York University, University Heights, New York, N.Y.
- GREER, NORMAN C. (A'36), Engineer-in-Charge, 6WB, W. A. Broadcasters, Ltd., Lyric House, Murray St., Perth, West Australia. For mail: Station 6WB, Katanning, West Australia.
- GREGORY, DENIS E. (A'35), Schoolmaster, Royal Navy, H.M.S. St. Angelo, Malta.
- GREGORY, SHERMAN D. (A'29), Assistant Manager, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass.; Assistant General Manager, Westinghouse Radio Stations, Inc., Fort Wayne, Ind. For mail: Chicopee Falls, Mass.
- GREGSON, ROBERT L. (S'36), Student, Northeastern University, Huntington Ave., Boston, Mass. For mail: 36 Kenilworth Rd., Arlington Heights, Mass.
- GREIBACH, EMIL H. (A'31), Consulting Engineer, 934 Carroll St., Brooklyn, N.Y.
- GREIG, JAMES (A'30), Lecturer in Electrical Engineering, University of Birmingham, Edgbaston, Birmingham, England.
- GREIS, W. K. (A'27), Radio Engineer, Westinghouse Electric Supply Company, 150 Varick St., New York, N.Y. For mail: 910 Grandview Ave., Westfield, N.J.
- GRENADER, PINCUS (A'35), Geophysics Department, Sun Oil Company, Beaumont, Tex.
- GREYHER, JULIUS L. (A'35), Technical Director, WTAR Radio Corporation, National Bank of Commerce Bldg., Norfolk, Va.
- GREULICH, RICHARD A. (S'36), Transmission Man, Pacific Telephone and Telegraph Company, Elko, Nev. For mail: 792 West St., Reno, Nev.
- GREVES, GEORGE L. (A'20), Engineer, Pacific Telephone and Telegraph Company, 140 New Montgomery St., San Francisco, Calif. For mail: 81 Plaza Dr., Berkeley, Calif.
- GREY, JOSE M. (A'35), Vacuum Tube Engineer, RCA Communications, Inc., Insular Life Bldg., Plaza Moraga, Manila, P.I. For mail: 19 Plaza Ferguson, Manila, P.I.
- GRIFFIN, FRED T. (S'36), Graduate Student and Assistant Physics Instructor, University of Oklahoma, Norman, Okla. For mail: Box 18, Batesville, Ark.
- GRIFFITH, B. WHITFIELD (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: M.I.T. Dormitories, Cambridge, Mass.
- GRIFFITH, MEREDITH H. (A'25), Chief Radio Electrician, U. S. Coast Guard, Customhouse, Boston, Mass.
- GRIFFITH, MERRILL H. (A'31), Junior Radio Operator, U. S. Airway Radio Station, Department of Commerce, Bureau of Air Commerce, Daggett, Calif. For mail: Box 117, Daggett, Calif.
- GRIFFITH, PAUL E. (J'29-A'29), Electrical Technician in Psychology, State University of Iowa, Iowa City, Iowa. For mail: 327 N. Capitol St., Iowa City, Iowa.
- GRIFFITH, R. T. (A'24), Transmission Engineer, Bell Telephone Company of Pennsylvania, 416 Seventh Ave., Pittsburgh, Pa.
- GRIFFITHS, CLARENCE M. (A'21), Receiver Design Engineer, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- GRIFFITHS, PATRICK E. A. (A'34-M'36), Development Engineer, Marconi's Wireless Telegraph Company, Ltd., Marconi Works, Chelmsford, Essex, England. For mail: "Patsy," 20, The Crescent, Sudbury Court, North Wembley, Middx., England.
- GRIFFITHS, W. H. F. (M'27), Chief Engineer, H. W. Sullivan, Ltd., London, S.E. 15, England. For mail: 220 Court Rd, Eltham, London, S.E. 9, England.
- GRIGG, JAMES W. (A'31), Proprietor, Grigg Radio Laboratory, 80 E. Roanoke Ave., Phoenix, Ariz.
- GRIGGS, ELMER V. (A'16), Patent Attorney, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 16 Ridgeview Ave., White Plains, N.Y.
- GRIMDITCH, WILLIAM H. (M'36), Chief Engineer, Philco Radio and Television Corporation, Philadelphia, Pa.
- GRIMES, DAVID (A'20-M'28), Research Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: Beverly, N.J.
- GRIMES, WILLIAM F. (A'16), Manager, Radio Interference Engineering Bureau, Inc., 112 W. Ninth St., Los Angeles, Calif. For mail: 2436 Cumberland Rd., San Marino, Calif.
- GRINAN, JOHN F. (A'17-M'27), Member, Wireless Board, Government of Jamaica, Managing Director, Grinan Estates, Ltd., Seven Plantations, May Pen P.O., Jamaica B.W.I. For mail: Box 5, Kingston, Jamaica, B.W.I.
- GRINSTEAD, CARL E. (S'36), Electrical Engineer, General Motors Company, Fellowship Student, University of Cincinnati, Cincinnati, Ohio. For mail: 125 W. McMillan St., Cincinnati, Ohio.
- GRIVA, ESTERINO J. (A'36), 564 W. Marshall, Ferndale, Mich.
- GROETEKE, EUGENE A. (A'34), Sound Engineer, Grove Laboratories, Inc., 2652 Pine St., St. Louis, Mo. For mail: 4611 Chippewa, St. Louis, Mo.
- GROSECLOSE, SAMUEL K. (A'31), Lieutenant, U. S. Navy. For mail: U.S.S. *New Orleans*, c/o Postmaster, New York, N.Y.
- GROSS, FRITZ A. (A'36), Engineer, Raytheon Manufacturing Company, 190 Willow St., Waltham, Mass. For mail: 30 Grandview St., Rosindale, Mass.
- GROSSELFINGER, WALTER H. (A'36), Sales Engineer, Western Electric Company, 195 Broadway, New York, N.Y.
- GROSSIN, HENRI (A'36), Radio Engineer, "S.A.D.O.D.," 11 rue Ed. Nortier, Neuilly, France. For mail: 11 bis rue Miss Edith Cavell, Courbevoie, Seine, France.
- GROSTICK, GEORGE E. (A'36), Chief Engineer, Bud Radio, Inc. 1937 E. 55th St., Cleveland, Ohio. For mail: 1632 Lauderdale Ave., Lakewood, Ohio.
- GROZKOWSKI, JANUSZ (M'31), Professor, Higher Polytechnic School, Director, State Institute of Telecommunications, Warsaw, Poland, Ratuszowa 11. For mail: Warsaw, Poland, Grzywny 7.
- GROTEWOHL, HEWITT D. (A'33), Radio Technician, Hartley, Iowa.
- GROVE, GEORGE A. (A'26), Service Manager, Lind Mercantile Corporation, 9221 Grand River Ave., Detroit, Mich. For mail: 11725 Broadstreet Ave., Detroit, Mich.
- GROVE, HOWARD G. (A'30), Chief Engineer, Sound Products, 704 N. Curson Ave., Los Angeles, Calif.
- GROVE, WILLIAM C. (A'36), Consulting Engineer, 1824 S. Williams St., Denver, Colo.
- GROVER, FREDERICK W. (M'17), Professor of Electrical Engineering, Union College, Schenectady, N.Y.
- GROVER, HARRY G. (M'30), General Patent Attorney, Radio Corporation of America, 30 Rockefeller Plaza, New York, N.Y.
- GROVES, WILLICE E. (A'33), Transmitter Engineer, KSL, Salt Lake City, Utah. For

GRU-HAI

- mail: 1537 S. Fourth East St., Salt Lake City, Utah.
- GRUETZKE, CHARLES P.** (A'27), Service Manager, Budworth, Inc., 79 Fifth Ave., New York, N.Y.
- GRUMMAN, FRANCIS W.** (A'36), Operator, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- GRUNDMANN, GUSTAVE L.** (A'29), Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 24 Virginia Ave., Westmont, N.J.
- GRUNINGER, JOHN E.** (J'27-A'31), Research Engineer, National Electric Company, 9916 Newton Ave., Cleveland, Ohio. For mail: 412 Conewango Ave., Warren, Pa.
- GRUPE, EMILIO M.** (A'27), Engineer, RCA Communications, Inc., Manila, P.I. For mail: Box 2518, Manila, P.I.
- GUARAGNA, LUIS F.** (A'36), Assistant to Chief Engineer, Lumiton Picture Company, Maipu 462, Buenos Aires, Argentina. For mail: San Juan 2958, Buenos Aires, Argentina.
- GUBIN, SAMUEL** (A'35), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 206 A Morse St., Camden, N.J.
- GUEST, WESLEY T.** (A'32), Lieutenant, Patterson Field, Fairfield, Ohio. For mail: Box 681, Osborn, Ohio.
- GUGGENHEIM, SIG.** (A'30), President, Telion A. G., Zurich, Switzerland, Pelikanstrasse 8.
- GUILD, BALDWIN** (J'16-A'17-M'26), Patent Attorney, Pennic, Davis, Marvin, and Edmonds, 165 Broadway, New York, N.Y.
- GUILFOYLE, THOMAS J.** (M'35), Government Electrical and Wireless Inspector, Government of Jamaica, Telegraph Office, Government Printing Office, Kingston, Jamaica, B.W.I.
- GUINAN, JOHN J.** (A'31), Radio Engineer, Philadelphia Bureau of Police, Belmont Ave. and Ford Rd., Philadelphia, Pa. For mail: 6158 Columbia Ave., Philadelphia, Pa.
- GULL, ROY A.** (A'35), Electrician and Mechanical Foreman, South Dakota State Capitol Bldg., Pierre, S.D. For mail: Box 224, Pierre, S.D.
- GUNN, ROSS** (A'35), Technical Adviser, U. S. Naval Research Laboratories, Bellevue, Anacostia, Washington, D.C.
- GUNNELL, GEORGE T.** (A'36), Foreman, Production Development Section, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 417 Maple St., Emporium, Pa.
- GUNTHER, FRANK A.** (A'25-M'30), Vice President and Treasurer, Radio Engineering Laboratories, Inc., 100 Wilbur Ave., Long Island City, L.I., N.Y. For mail: 6150 Saunders St., Rego Park, L.I., N.Y.
- GUNTHER, WENDELIN J.** (A'29), Chief Engineer, WIJD, Inc., 201 N. Wells St., Chicago, Ill. For mail: R.R. 1, Box 296 G, Des Plaines, Ill.
- GUPTILL, HEATH R.** (S'36), Student, 3631-43rd Ave., N.E., Seattle, Wash.
- GUSTAFSON, GILBERT E.** (A'27), Chief Engineer, Zenith Radio Corporation, Austin and Dickens Ave., Chicago, Ill. For mail: Mount Prospect, Ill.
- GUTHEIL, CHARLES M.** (A'36), Sales Engineer, P. R. Mallory Company, 3029 E. Washington St., Indianapolis, Ind.
- GUTHRIE, FREDERICK P.** (A'16-M'28), District Communications Manager, RCA Communications, Inc., and Radiomarine Corporation of America, 1112 Connecticut Ave., N.W., Washington, D.C.
- GUTSHALL, RANDOLPH W.** (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- GUTTERIDGE, LEONARD W.** (A'35), Engineer, A. W. Hambling and Company, 26 Charing Cross Rd., London, England. For mail: 25 Park La., Wallington, Surrey, England.
- GUY, RAYMOND F.** (A'25-M'31), Radio Facilities Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y.
- GUYER, EDWIN M.** (A'32), Physicist, Corning Glass Works, Corning, N.Y.
- GUYTON, JAMES H.** (A'36), Radio Engineer, Sparks Withington Company, Plant 3, Jackson, Mich. For mail: 701 W. Michigan Ave., Jackson, Mich.

H

- HAAG, MERLIN W.** (A'26), Transmitter Operator, WTMJ, Milwaukee *Journal*, Fourth and State Sts., Milwaukee, Wis. For mail: Box 100, Brookfield, Wis.
- HAAGENSON, ALFRED** (A'32), Refrigeration Engineer, Hingten-Karst Electric Company, 111 N. Mill St., Fergus Falls, Minn. For mail: 102 Beach Ave., W., Fergus Falls, Minn.
- HAAS, JOHN G.** (A'36), Radio Engineer, Ferris Instrument Corporation, Boonton, N.J. For mail: 630 William St., Boonton, N.J.
- HAAS, MILTON J.** (J'30-A'33), General Engineering Laboratory, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: 1375 E. 18th St., Brooklyn, N.Y.
- HAAS, PAUL** (J'26-A'30), Chief Draftsman, United Research Corporation, 3711 Rowland Ave., Burbank, Calif. For mail: 2062 Chilton Dr., Glendale, Calif.
- HABU, EIJI** (A'36), Tokyo Central Broadcasting Station, Atagoyama Shibaku, Tokyo, Japan.
- HACKBUSCH, RALPH A.** (A'26-M'30), Chief Engineer, Stromberg Carlson Telephone Manufacturing Company of Canada, 211 Geary Ave., Toronto, Ont., Canada.
- HADLEY, CHARLES F.** (S'35), Student, California Institute of Technology, Pasadena, Calif. For mail: Blacker House, California Institute of Technology, Pasadena, Calif.
- HAEFF, ANDREW V.** (A'34), Research Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 54 S. Maple Ave., East Orange, N.J.
- HAEGER, JOHN R.** (J'36), Student, Georgia School of Technology, Atlanta, Ga. For mail: Georgia Tech, Box 7, Atlanta, Ga.
- HAFNER, GILBERT M.** (A'27), Radio Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 69 Summit Rd., Port Washington, L.I., N.Y.
- HAGEMAN, OLIVER C.** (A'28), Owner, Radio Refrigeration and Electric Service, 419 Shawnee St., Leavenworth, Kan.
- HAGER, FRED M., JR.** (S'36), Student, University of Minnesota, Minneapolis, Minn. For mail: Owatonna, Minn.
- HAGERTY, GEORGE E.** (A'36), Radio Engineer, Westinghouse Electric and Manufacturing Company, 1622 Chestnut St., Philadelphia, Pa. For mail: 1632 Spruce St., Philadelphia, Pa.
- HAGERTY, ALVA S.** (A'34), Radio Engineer, CJRM, James Richardson and Sons, Ltd., Royal Alexandra Hotel, Winnipeg, Manit., Canada. For mail: Belle Plaine, Sask., Canada.
- HAGMANN, NIKLAUS** (A'27), Assistant Station Engineer, WJZ, National Broadcasting Company, Bound Brook, N.J. For mail: 519 Randolph Rd., Plainfield, N.J.
- HAHN, JOHN H.** (S'32-A'36), Manager, Winfield Theatre, Winfield, Iowa. For mail: Winfield, Iowa.
- HAHN, WILLIAM C.** (A'36), General Engineering, General Electric Company, Schenectady, N.Y. For mail: R.F.D. 2, Spring Rd., Scotia, N.Y.
- HATRE, AUGUSTUS F.** (A'36), RCA Telephone, Inc., 1314 Valley Pl., Bellevue, Anacostia, D.C.

- HALL, ALBERT (M'27), c/o Ferranti, Ltd., Radio Works, Moston, Manchester, 10, England.
- HALL, DONALD L. (A'34), Development Engineer, Cosmos Lamp Works, Ltd., Britmsdown, Enfield, Middx., England. For mail: 3 Elsbey Mead, Church La., Cheshunt, Herts, England.
- HALL, EARL M. (A'32), Radioman, Transpacific Communication Company, Inverness, Calif. For mail: Box 106, Inverness, Calif.
- HALL, ELMER L. (A'28), Radio Engineer, National Bureau of Standards, Washington, D.C.
- HALL, FLOYD W. (A'36), Transformer Engineer, 835 E. Hill St., Long Beach, Calif.
- HALL, HARRY H. (A'34), Instructor in Physics and Communication Engineering, Harvard University, Cruft Laboratory, Cambridge, Mass. For mail: 31 Concord Ave., Cambridge, Mass.
- HALL, HUBERT N. (A'36), Trainee, Independent Exploration Company, 2011 Esperon Bldg., Houston, Tex. For mail: 1218-18th St., Santa Monica, Calif.
- HALL, NATHAN I. (A'36), Box 2671, Stanford University, Calif.
- HALL, NORMAN (A'17), North Eastern Instrument Company, Gateshead, England. For mail: Westgarth, Lyndhurst, Low Fell, Gateshead-on-Tyne, England.
- HALL, RAYMOND E. (A'36), Engineer, Clarostat Manufacturing Company, Inc., 285 N. Sixth St., Brooklyn, N.Y.
- HALL, ROLAND C. (A'30), Head of Electrical Section, Crystal Palace School of Practical Engineering, Anerley Hill, London, S.E. 19, England. For mail: 89 Parchmore Rd., Thornton Heath, Surrey, England.
- HALL, WHITMAN N. (A'30), Station Engineer, Massachusetts Broadcasting Corporation, Copley Plaza Hotel, Boston, Mass. For mail: 82 Florence Ave., Arlington, Mass.
- HALL, WILLIAM M. (A'33), Instructor, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 4-203, Massachusetts Institute of Technology, Cambridge, Mass.
- HALLAM, JOHN T. (A'26), Plant Engineer, WOAI, Southland Industries, Inc., Navarro at St. Mary Sts., San Antonio, Tex. For mail: Box 182-B, R.R. 3, San Antonio, Tex.
- HALLENSTEIN, NATHAN A. (A'31), Junior Radio Inspector, Federal Communications Commission, Customhouse, Boston, Mass.
- HALLER, CECIL E. (A'34), Engineer, Research and Development Laboratories, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- HALLER, GEORGE L. (A'28-M'36), Assistant Radio Engineer, War Department, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- HALLIGAN, CLAIR W. (A'26), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 150 Waverly Pl., New York, N.Y.
- HALLMAN, LUDLOW B., JR. (J'27-A'29), Assistant Radio Engineer, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio. For mail: Apt. 21, Anna Annex, 220 Yale Ave., Dayton, Ohio.
- HALLORAN, A. H. (M'26), Chief of Electrical Exhibits, Golden Gate International Exposition, 585 Bush St., San Francisco, Calif. For mail: 2716 Belrose Ave., Berkeley, Calif.
- HAMADA, SHIGENORI (A'36), Research Staff, Research Laboratory, Tokyo Electric Co., Ltd., Kawasaki, Kanagawaken, Japan. For mail: 944 Magome Machi, Omori, Tokyo, Japan.
- HAMBURGER, FERDINAND, JR. (A'32), Instructor in Electrical Engineering, School of Engineering, Johns Hopkins University, Homewood, Baltimore, Md.
- HAMILTON, DONALD (A'36), Radio Engineer, Standard Telephone and Cables, Ltd., Oakleigh Rd., New Southgate, London, N. 11, England. For mail: 35 Petworth Rd., North Finchley, N. 12, London, England.
- HAMILTON, GEORGE H. (A'35), Engineer, RCA Communications, Inc., Box 212, Crown Point, Ind.
- HAMILTON, GIBSON L. (A'35), Section Engineer, Duquesne Light Company, 435 Sixth Ave., Pittsburgh, Pa.
- HAMILTON, HUGH G. (A'30), Engineering Department, Eclipse Aviation Corporation, 495 N. Arlington Ave., East Orange, N.J. For mail: 15 Hawthorne Ave., Bloomfield, N.J.
- HAMILTON, SAM (A'30), Chief Engineer, Electric Tachometer Corporation, S.E. Corner Broad and Spring Garden Sts., Philadelphia, Pa.
- HAMM, JOHN L. (A'36), 1501 Delafield Pl., N.W., Washington, D.C.
- HAMMA, TAUBNER G. (A'34), Engineer, KGDM, Pepper Music Company, 42 S. California, Stockton, Calif. For mail: 1222 E. Poplar St., Stockton, Calif.
- HAMMAN, G. B. (A'27), 2308 McKinley Ave., Lakewood, Ohio.
- HAMMERICH, HANS A. (A'32), Laboratory Assistant, United Research Corporation, Long Island City, L.I., N.Y., For mail: Apt. 44, 415 E. 73rd St., New York, N.Y.
- HAMMERSCHMIDT, ANDREW L. (S'35), Student, Ohio State University, Columbus, Ohio. For mail: 113 W. Friendship St., Medina, Ohio.
- HAMMOND, JOHN H., JR. (M'36), Gloucester, Mass.
- HAMMOND, ROWLAND E. (A'35), Radio Engineer, Northern Electric Company, Ltd., 1261 Shearer St., Montreal, Que., Canada. For mail: 1216 St. Matthew St., Montreal, Que., Canada.
- HAMPSHIRE, ROBERT A. (A'35), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- HAMVAS, LASZLO U. (A'34), Chief Engineer, National Union Radio Corporation, 57 State St., Newark, N.J. For mail: 42 Evergreen Ave., Bloomfield, N.J.
- HANA, THOMAS C. (A'36), Assistant to Chief Engineer, Magnetic Analysis Corporation, 42-44-12th St., Long Island City, L.I., N.Y. For mail: 34-19 Murray St., Flushing, L.I., N.Y.
- HAND, CARL A. (A'17), Carl A. Hand Radio Laboratory, 508 E. State St., Rockford, Ill. For mail: 415 N. First St., Rockford, Ill.
- HANDLER, HENRY (S'35), President, Handler Research Laboratories, 20 W. Van Ness Ave., Rutherford, N.J.
- HANDY, FRANCIS E. (A'26), Communications Manager, American Radio Relay League, 38 LaSalle Rd., West Hartford, Conn. For mail: 35 Brookline Dr., West Hartford, Conn.
- HANIK, PETER, JR. (A'36), Assistant to Engineer, Continental Radio and Television Corporation, 618 W. Elm St., Chicago, Ill. For mail: 2309 W. 50th St., Chicago, Ill.
- HANLEY, JOHN F. (J'19-A'24), Engineer, Electrical Testing Laboratories, 80th St. and East End Ave., New York, N.Y.
- HANNA, CLINTON R. (M'28), Manager, Electromechanical Division, Research Department, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa.
- HANNAH, GEORGE M. (A'24), Maintenance Superintendent, Chesapeake and Potomac Telephone Company, 800 Standard Oil Bldg., Baltimore, Md. For mail: 5231 Linden Heights Ave., Baltimore, Md.
- HANOVER, EDWARD A. (A'27), Purchasing Agent, Stromberg-Carlson Telephone Manu-

HAN-HAR

- facturing Company, 1060 University Ave., Rochester, N.Y.
- HANSCOM, W. W.** (A'12-M'14), Consulting Engineer, 848 Clayton St., San Francisco, Calif.
- HANSELL, CLARENCE W.** (A'26-M'29), Transmitter Research and Development Engineer, RCA Communications, Inc., 66 Broad St., New York, N.Y., and Rocky Point, L.I., N.Y. For mail: 115 Tuthill St., Port Jefferson, L.I., N.Y.
- HANSEN, EDMUND H.** (A'25-M'36), Director of Recording, 20th Century-Fox Film Corporation, Beverly Hills, Calif. For mail: 6059 Santa Monica Blvd., Hollywood, Calif.
- HANSEN, EDWARD L.** (A'35), Radio Engineer, Press Wireless, Inc., Hicksville, L.I., N.Y. For mail: 9527-78th St., Ozone Park, L.I., N.Y.
- HANSEN, ELMER** (A'30), Engineer, Cia Agricola Carabayllo, HDA, Cartavio, Trujillo, Peru.
- HANSEN, IAN C.** (A'36), Radio Technician, Radio, Ltd., Quay Bldgs., Quay St., Auckland, C. I., New Zealand. For mail: 30 Ponsobry Ter., Auckland, W. I., New Zealand.
- HANSEN, LELAND S.** (A'17), Auto Radio Engineer, General Household Utilities Company, 2638 Pulaski Rd., Chicago, Ill. For mail: 5344 Agatite Ave., Chicago, Ill.
- HANSEN, ROLF K.** (A'30), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- HANSEN, THEODORE A.** (A'36), Operator, WBBM Broadcasting Corporation, 410 N. Michigan Ave., Chicago, Ill. For mail: Box 375, Glenview, Ill.
- HANSEN, WILLIAM H.** (J'28-A'32), Soundman, Bell and Howell Company, 1803 Larchmont Ave., Chicago, Ill. For mail: 2017 N. Albany Ave., Chicago, Ill.
- HANSON, EARL C.** (A'36), Radio Lighting Company, 1276 Bonnie View Ave., Lakewood, Ohio.
- HANSON, FREDRICK E.** (A'35), Electrical Engineer, Western Electric Company, 100 Central Ave., Kearny, N.J. For mail: 734 Coleman Pl., Westfield, N.J.
- HANSON, OSCAR B.** (A'18-M'27), Manager, Technical Operations and Engineering, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y. For mail: Imperial Park, Westport, Conn.
- HARALSON, B. JAMES** (A'36), Instructor in Radio and Electricity, Polytechnic High School, Los Angeles, Calif. For mail: 1912 S. Oxford St., Los Angeles, Calif.
- HARBIDGE, EDWARD A.** (J'35), 965-54th St., Oakland, Calif.
- HARD, JAMES M. B.** (A'33), Proprietor, Apartado Postal 130, Mexico City, Mexico.
- HARDER, RONALD B.** (S'36), Student, Iowa State College, Ames, Iowa. For mail: Oak Lodge, Ames, Iowa.
- HARDING, LAWRENCE M.** (A'29), Radio Engineer, U. S. Lighthouse Service, Department of Commerce, Washington, D.C. For mail: 4000 Cathedral Ave., Washington, D.C.
- HARDWICK, AMBROSE H.** (A'26-M'31), President, Hardwick, Hindle, Inc., 40 Hermon St., Newark, N.J.
- HARDY, CYRIL** (A'36), Managing Partner, Rentyoradioz, 78 Gillygate, York, England. For mail: Ravensdene, Muncastergate, York, England.
- HARE, MARK L.** (A'32), Service Engineer, Mark L. Hare and Company, 798 President St., Brooklyn, N.Y.
- HARE, ROBERT J.** (A'32), Engineer, Southern California Telephone Company, 740 S. Olive St., Los Angeles, Calif. For mail: 2720 S. Normandie Ave., Los Angeles, Calif.
- HARGIS, DAVID A.** (A'35), First Class Radioman, U. S. Navy, VB3B Squadron, Coronado, Calif.
- HARGRAVE, W. A.** (A'27), Photophone Division, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J.
- HARKINS, P. BERTRAM** (A'31), Engineering Department, Radio Quality Group Service, 1440 Broadway, New York, N.Y. For mail: 169 Keats Ave., Elizabeth, N.J.
- HARLEY, JOHN B.** (A'27), Development Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- HARMON, R. N.** (A'30), 31 Mandalay Rd., Springfield, Mass.
- HARMON, WALTER S.** (A'26), Chief Engineer, Mission Bell Radio Manufacturing Company, Inc., 833 Venice Blvd., Los Angeles, Calif. For mail: 205¼ N. Berendo St., Los Angeles, Calif.
- HARNED, GEORGE C.** (S'33-A'36), Radio Service Manager, Rhodes Department Store, Second and Union Sts., Seattle, Wash. For mail: 3420-14th Ave., S., Seattle, Wash.
- HARNETT, DANIEL E.** (A'25-M'35), Engineer, Hazeltine Service Corporation, 333 W. 52nd St., New York, N.Y.
- HARPER, AUGUSTUS E.** (A'19-M'26), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 121 Pine St., Rockville Centre, L.I., N.Y.
- HARPER, RICHARD E.** (S'33-A'36), 24 E. Church St., Bethlehem, Pa.
- HARPLEY, DAVID** (A'36), Radio Operator, Goodyear Tire and Rubber Company, Miami, Fla. For mail: 9535 Grand Concourse, Miami, Fla.
- HARRIS, J. H. OWEN** (A'28), Director, Harries Thermionics, Ltd., Britannia House, 233 Shaftesbury Ave., London, W.C. 2, England. For mail: Shirley, Old Road, Frinton-on-Sea, Essex, England.
- HARRINGTON, KENNETH D.** (S'35), Engineer, Cutler-Hammer, Inc., 1331 Santa Fe Ave., Los Angeles, Calif. For mail: 758 W. 161st St., Gardena, Calif.
- HARRIS, C. C.** (A'26-M'27), Supervisor, Frequency and License Bureau, Tropical Radio Telegraph Company, Box 584, Hingham, Mass.
- HARRIS, EDWARD** (A'36), Sales Engineer, Dominion Sound Equipments, Ltd., 131 Simcoe St., Toronto, Ont., Canada. For mail: 338 Walmer Rd., Toronto, Ont., Canada.
- HARRIS, FLOYD M.** (A'35), Patent Attorney, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: Wellwood Manor, Merchantville, N.J.
- HARRIS, HENRY** (A'31), Assistant Radio Engineer, Signal Corps Laboratories, Fort Monmouth, Oceanport, N.J. For mail: 194 Seventh Ave., Long Branch, N.J.
- HARRIS, HIRAM D.** (A'30), Assistant Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N.Y.
- HARRIS, PERCY W.** (M'24), Author and Radio Consultant, 33 Ridgway Pl., London, S.W. 19, England.
- HARRIS, RICHARD P.** (A'30), 1147 Stanton Blvd., Steubenville, Ohio.
- HARRIS, STANLEY G.** (A'32), For mail: 115 W. Monroe St., Chicago, Ill.
- HARRIS, WILLIAM A.** (A'30), Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- HARRISON, ARTHUR E.** (A'34), Assistant Airways Radio Engineer, Air Navigation Division, Bureau of Air Commerce, Department of Commerce, Washington, D.C.
- HARRISON, CHARLES W., JR.** (A'36), Engineering Department, University of Virginia, 930 Locust Ave., Charlottesville, Va.
- HARRISON, JAMISON R.** (A'26), Professor of Physics and Head of the Department, Tufts College, Medford, Mass.
- HARRISON, KENNETH W.** (A'36), Electrical Engineer, Telephone Manufacturing Company, Ltd., Hollingsworth Works, Martell Rd., West Dulwich, London, England.

- For mail: 63 Baldry Gardens, Streatham, London, England.
- HARRISON, LOUIS A.** (A'36), Chief Operator, Western Union Telegraph Company, 220 S. Washington, Ellis, Kan. For mail: 400 Cottonwood, Ellis, Kan.
- HARRISON, PAUL W.** (A'34), Staff Assistant, American Telephone and Telegraph Company, Rm. 1927, 32 Sixth Ave., New York, N.Y.
- HARRISON, PERCY L.** (A'32), Owner, Harrison's Radio Corner, 1, 1a, and 3 Melville St., Lincoln, England.
- HARRISON, WALTER M.** (A'36), Radio Serviceman, Harrison's Radio Sales and Service, Oswego St., Wolcott, N.Y.
- HARROWER, JOHN C.** (A'30), RCA Manufacturing Company, International Division, Camden, N.J.
- HARRY, WILLIAM R.** (S'36), Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 344 W. 12th St., New York, N.Y.
- HART, ARTHUR D.** (S'36), Student, Lawrence Institute of Technology, Highland Park, Mich. For mail: 11790 Ilene Ave., Detroit, Mich.
- HART, ARTHUR H.** (A'26), Station Manager, Mackay Radio and Telegraph Company, R.F.D. 3, Box 189-A, Kent, Wash. For mail: 220 Meeker St., Kent, Wash.
- HART, FRANK A.** (A'12), Engineering Department, Mackay Radio and Telegraph Company, Inc., 67 Broad St., New York, N.Y. For mail: Box 189, Sayville, L.I., N.Y.
- HART, GEORGE, III** (J'36), 1285 Dean St., Brooklyn, N.Y.
- HART, GEORGE C.** (A'35), Technical Manager, Johns. Ltd., Chancery St., Auckland, New Zealand.
- HART, HARRY C.** (A'33), Associate, Pennie, Davis, Marvin and Edmonds, 165 Broadway, New York, N.Y. For mail: 164 E. 38th St., New York, N.Y.
- HART, ROY H.** (M'20), Commercial Manager, Electrical Research Products, Inc., 7046 Hollywood Blvd., Los Angeles, Calif.
- HARTIG, HENRY E.** (A'36), Associate Professor of Communication Engineering, Electrical Engineering Department, University of Minnesota, Minneapolis, Minn.
- HARTLEY, RALPH V. L.** (M'19-F'28), Associate Transmission Research Director, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- HARTMAN, CHARLES D.** (A'29), Vacuum Tube Specialist, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- HARTWELL, HENRY G.** (A'36), Customers Inspection Supervisor, Hygrade Sylvania Corporation, Radio Tube Division, Loring Ave., Salem, Mass. For mail: 9 Cambridge St., Salem, Mass.
- HARTWICK, F. C.** (A'31), Radio Service, F. C. Hartwick Company, 1701 Eddy St., San Francisco, Calif.
- HARTWRIGHT, JAMES F.** (A'34), Assistant Maintenance Engineer, British Broadcasting Corporation, Empire Station, Daventry, England. For mail: Grasmere, St. Andrews Rd., Malvern, Worcs., England.
- HARVEY, CLIFFORD A.** (A'36), President, Treasurer, Harvee Radio Laboratories, Inc., 12 Boylston St., Brookline, Mass.
- HARVEY, HARRY C.** (A'36), Chief Engineer, Central States Broadcasting Company, Lincoln Hotel, Lincoln, Neb. For mail: 1505 S. 42nd St., Lincoln, Neb.
- HARVEY, LESTER M.** (M'30), Lieutenant Commander, U. S. Navy, U.S.S. *Hamilton*, Newport, R.I.
- HARVEY, ROBERT L.** (A'35), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 35 Kraft Ave., Oaklyn, N.J.
- HASHIMOTO, CHUJI** (A'28), Lieutenant Commander, Kaigun Kanseihonbu, Kasumi-gaseki, Kojimachi, Tokyo, Japan. For mail: 50 Kageokacho, Shibuya-ku, Tokyo, Japan.
- HASHIMOTO, S.** (A'20), Electrical Engineer, 145, Aoyamaminamicho, 6-Chome, Akasaka, Tokyo, Japan.
- HASSEL, KARL E.** (A'19-M'23), Member, Board of Directors, Zenith Radio Corporation, 6001 Dickens Ave., Chicago, Ill.
- HASTINGS, HARRIS F.** (A'28), Assistant Radio Engineer, Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: 905 B St., N.E., Washington, D.C.
- HASTINGS, T. MITCHELL, JR.** (S'33-A'36), Sales Engineer, Electrical Apparatus Company, 10 High St., Boston, Mass. For mail: 457 Beacon St., Boston, Mass.
- HATCH, ERNEST** (A'35), Instructor of Radio Science, Massachusetts Department of Education, Statehouse, Boston, Mass. For mail: Box 691, Hyannis, Mass.
- HATCH, ROBERT I.** (A'36), Operating Electrician, Mackay Radio and Telephone Company, 22 Battery St., San Francisco, Calif.
- HATFIELD, LESTER N.** (A'30), Studio Engineer, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y.
- HATHAWAY, CHARLES E.** (A'36), Accountant and Cashier, Colorado College, Colorado Springs, Colo. For mail: 1512 N. Corona, Colorado Springs, Colo.
- HATHAWAY, JOHN F.** (A'32), Salesman, Commonwealth Edison Company, 4833 Irving Park Blvd., Chicago, Ill. For mail: Apt. 2A, 5119 Montrose Ave., Chicago, Ill.
- HAUBERT, ANDRÉ** (A'35), Manager, Radio-Brest, 71 rue Jean Jaurès, Brest, France.
- HAUCK, VERNON D.** (A'26), Engineer, Transmitter Section, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 4452 Terrace Ave., Merchantville, Pennsauken Twp., N.J.
- HAUSER, PAUL D.** (S'34), Collins Radio Company, 2920 First Ave., N.E., Cedar Rapids, Iowa. For mail: 2321 Meadow Brook Dr., Cedar Rapids, Iowa.
- HAUSSEN, MALCOLM J.** (A'32), Radio Technician, 14 Sturt Ave., Col. Light Gardens, Adelaide, Australia.
- HAWES, RONALD N.** (M'36), Chief Engineer, Rangoon, Burma, India.
- HAWKESWOOD, ARTHUR E.** (A'30), Assistant Maintenance Engineer, British Broadcasting Corporation, Washford Cross Transmitting Station, Somerset, England. For mail: Lyndhurst, Doniford Rd., Watchet, Somerset, England.
- HAWKINS, JOHN N. A.** (A'36), Technical Editor, *Radio Ltd.*, 7460 Beverly Blvd., Los Angeles, Calif.
- HAWKINS, LESLIE S.** (A'15-M'26), Manager, Canadian Marconi Company, 500 Beatty St., Vancouver, B.C., Canada.
- HAYAKAWA, DOTARO** (A'36), Assistant Engineer, Technical Section, Kokusai Denwa Kaisha, Ltd., Osaka Bldg., Tokyo, Japan.
- HAYASHI, TAKENOBU** (A'35), Engineer, Tokyo Electric Company, Kawasaki, Yokohama, Japan. For mail: 315 Kitashinagawa-3-chome, Shinagawa-Ku, Tokyo, Japan.
- HAYASI, TATUO** (A'30), Lecturer, Department of Physics, Faculty of Science, Osaka Imperial University, 8 Fourth St., Nakanosima, Kitaku, Osaka. For mail: Hanayasiki, Kawamisi, Hyogoken, Japan.
- HAYDOCK, JESSE G., JR.** (A'32), Engineer, Haigis Laboratories, Inc., North Fork Landing Rd., Maple Shade, N.J. For mail: 316 Kings Highway, E., Haddonfield, N.J.
- HAYES, EDWARD A.** (S'33-A'35), Engineer, Field Technical Section, Radio Division, General Electric Company, Bridgeport, Conn. For mail: Apt. 308, 11950 Ohio, Detroit, Mich.
- HAYES, GEORGE W.** (A'13), General Manager, RCA Victor Argentina, Bartolome Mitre No. 1976, Buenos Aires, Argentina.
- HAYES, H. D.** (M'29), Inspector-in-Charge,

HAY-HEN

- Federal Communications Commission, 2022 Engineering Bldg., Chicago, Ill.
- HAYES, HAMMOND V.** (A'21), 253 Sumner St., Boston, Mass.
- HAYES, RALPH S.** (J'15-A'18), Plant Transmission Engineer, Eastern Area, Bell Telephone Company of Pennsylvania, 1835 Arch St., Philadelphia, Pa. For mail: 31 Oberlin Ave., Swarthmore, Pa.
- HAYMAN, WILLIAM G. I.** (A'24), Lecturer in Electrical Engineering, Perth Technical College, Government of Western Australia, St. Georges Ter., Perth, Western Australia.
- HAYNES, JOHN M.** (A'36), U. S. Engineers Office, Bettendorf, Md.
- HAYS, HOWARD D.** (A'36), Manager, Hays Radio and Electrical Shop, Box 154, Plano, Tex. For mail: 102 E. Jefferson St., Plano, Tex.
- HAYSLETT, LA MAR E.** (A'27), Chief Electrical Engineer, Rudolph Wurlitzer Company, North Tonawanda, N.Y.
- HAYWARD, JOHN B.** (A'36), Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: Box 64, Emporium, Pa.
- HAYWARD, JOHN W.** (S'36), Student, Rensselaer Polytechnic Institute, Troy, N.Y. For mail: 4 Park Pl., Troy, N.Y.
- HAZELTINE, ALAN** (A'16-M'18-F'21), Professor of Physical Mathematics, Stevens Institute of Technology, Hoboken, N.J.
- HEAD, GEORGE, JR.** (A'34), Member of Technical Staff, Specification Engineering Department, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 3502 Tudor St., Philadelphia, Pa.
- HEADRICK, LEWIS B.** (A'36), Research Physicist, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- HEAP, SHELDON S.** (A'27), Traffic Engineer, New England Telephone and Telegraph Company, 6 Bowdoin Sq., Boston, Mass. For mail: 49 Hovey St., Atlantic, Mass.
- HEATON, VINCENT E.** (A'27), Assistant Physicist, Radio Section, National Bureau of Standards, Washington, D.C.
- HEATON-ARMSTRONG, L. J.** (A'28), Radio Development Engineer, Standard Telephones and Cables, Oakleigh Rd., New Southgate, London, N., England.
- HEATWOLE, EARL P.** (A'34), Engineer, Columbia Broadcasting System, Earle Bldg., Washington, D.C. For mail: Apt. 206, 2500 K St., N.W., Washington, D.C.
- HEBAL, WILLIAM H.** (A'26), Route 5, Box 377, Waukesha, Wis.
- HEBERLEIN, ARTHUR A.** (J'20-A'21), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- HEBERT, ARTHUR A.** (A'12-M'26), Treasurer, American Radio Relay League, 38 La Salle Road, West Hartford, Conn. For mail: 87 Ballard Dr., West Hartford, Conn.
- HECTOR, L. GRANT** (A'26), Professor of Physics, University of Buffalo, Buffalo, N.Y.
- HEDBERG, CARL A.** (S'36), 463 West St., New York, N.Y.
- HEELY, OLIVER H.** (A'36), Purchasing Department, Wholesale Radio Service Company, 430 W. Peachtree St., Atlanta, Ga. For mail: Jonesboro, Ga.
- HEFELE, JOHN R.** (A'36), Television Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- HEINDEL, HAROLD J.** (A'28), Chief Engineer, F. A. D. Andrea, Inc., 4802-48th Ave., Woodside, L.L., N.Y. For mail: 35-33-83rd St., Jackson Heights, L.L., N.Y.
- HEINEMAN, JOHN T.** (A'36), Electrical Tester, Department of Water and Power, 207 S. Broadway, Los Angeles, Calif. For mail: 2144 Beachwood Dr., Hollywood, Calif.
- HEINS, HAROLD** (A'36), Vacuum Tube Engineer, Radio Engineering Department, Hygrade Sylvania Corporation, Salem, Mass.
- HEINS, JOHN L.** (A'32), Radio Technician, U. S. Treasury Department, Washington, D.C. For mail: Rm. 105, U. S. Subtreasury Bldg., New York, N.Y.
- HEINRICH, MORTIMER A.** (J'30-A'35). For mail: 1001 Oxford St., Berkeley, Calif.
- HEINTZ, RALPH M.** (A'21-M'27-F'30), President and General Manager, Heintz and Kaufman, Ltd., South San Francisco, Calif.
- HEISER, EDWIN S.** (A'28), Inspector-in-Charge, District 15, Federal Communications Commission, 538 Customhouse, Denver, Colo.
- HEISING, RAYMOND A.** (A'20-F'23), Radio Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- HEISNER, DONALD A.** (A'36), Chief Operator, Lorain County Radio Corporation, Lorain, Ohio. For mail: 1305-14th St., Lorain, Ohio.
- HELD, HERMAN E.** (A'30), Electrical Engineer, C. F. Henderson, 420 Market St., San Francisco, Calif. For mail: 668-44th Ave., San Francisco, Calif.
- HELLSTROM, GUNNAR A.** (A'26), Laboratory Assistant, Copenhagen Telephone Company, Copenhagen, K., Denmark. For mail: 5, Parkstykkt, Copenhagen, Brh., Denmark.
- HEMBERGER, EMIL F., JR.** (A'27), Engineer, Electrical Research Products, Inc., 250 W. 57th St., New York, N.Y.
- HEMMERDINGER, CLAUDE A.** (A'35), Partner, Holiday and Hemmerdinger, Holmer Works, Dolefield, Manchester 3, England. For mail: 6 Egerton Rd., Chorlton-C-Hardy, Manchester, England.
- HENDERSON, BRUCE G.** (A'34), Studio Control Operator, National Broadcasting Service, New Zealand Government, Christchurch, New Zealand. For mail: 100 Rugby St., Christchurch, N.W. 1, New Zealand.
- HENDERSON, FRANCIS C.** (A'34), 78 Carroll St., Watertown, Mass.
- HENDERSON, J. P.** (M'23), Dominion Observatory, Ottawa, Ont., Canada.
- HENDERSON, KEN L.** (A'25), Stromberg-Carlson Telephone Manufacturing Company, 100 Carlson Rd., Rochester, N.Y. For mail: 89 Medfield Dr., Rochester, N.Y.
- HENDERSON, ROY A.** (A'27), Engineer, De Forest Radio Company, Passaic, N.J. For mail: 521 Jessamine Ave., West Collingswood, N.J.
- HENDERSON, WILLIAM D.** (S'36), Student, Virginia Polytechnic Institute, Blacksburg, Va. For mail: 1208 Princeton Ave., Bluefield, W.Va.
- HENDRICKS, LESTER A.** (A'23), Associate Radio Engineer, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- HENDRICKS, PAUL S.** (A'26), Radio Engineer, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: Ardel Rd., Fleetwood Knolls, Bronxville, N.Y.
- HENDRY, JAMES S.** (A'36), Technical Tutor, Department of Posts and Telegraphs, Union of South Africa. For mail: Rtn. 24, General Post Office, Pretoria, South Africa.
- HENNEY, KEITH** (A'18-M'26), Editor, McGraw-Hill Publishing Company, 330 W. 42nd St., New York, N.Y. For mail: 111 Fifth St., Garden City, L.I., N.Y.
- HENNING, CLARENCE I. B.** (A'26), 710 Spruce St., Berkeley, Calif.
- HENRICI, CARL R.** (S'34), Student, University of Minnesota, Minneapolis, Minn. For mail: 130 Arthur Ave., S.E., Minneapolis, Minn.
- HENRY, FRANKLIN M.** (A'36), Teaching Assistant, University of California, Berkeley, Calif. For mail: 1765 Oxford, Berkeley, Calif.
- HENRY, JAMES M.** (A'35), Radio Engineer, New England Telephone and Telegraph Company, 8 Harrison Ave., Boston, Mass.
- HENRY, THOMAS J.** (A'29), Radio Tube Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.

- HENSEL, W. G. (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 8 Stockton Pl., East Orange, N.J.
- HENYAN, GEORGE W. (A'20), Sales Manager, Radio Department, General Electric Company, 1 River Rd., Schenectady, N.Y.
- HERBER, JOHN C. (A'23), Radio Engineer, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- HERCZEG, A. (A'34), Research Engineer, E. K. Cole, Ltd., Ekco-Works, Southend-on-Sea, Essex, England. For mail: "Centra," Winsford Gardens, W., Westcliff-on-Sea, Essex, England.
- HERDMAN, T. LYELL (A'36), Television Research Engineer, Pye Radio, Ltd., Radio Works, Cambridge, England. For mail: 48 Alpha Rd., Cambridge, England.
- HERMANN, WILLIAM F. (A'32), Radio Service Engineer and Electrical Service Engineer. For mail: 5960 S. Lowe Ave., Chicago, Ill.
- HERNDON, LONDON C. (M'36), Inspector-in-Charge, Federal Communications Commission, 808 Federal Office Bldg., Seattle, Wash.
- HEROLD, EDWARD W. (A'30), Research and Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- HEROLD, JOSEPH L. (A'29), Chief Control Operator, WOW, Omaha, Neb.
- HERR, BRUCE R. (A'31), Radio Engineer, Philco Radio and Television Corporation, Philadelphia, Pa. For mail: 205 Church Rd., Elkins Park, Pa.
- HERR, MELVIN D. (S'32-A'35), Inspector, U.S.B.R., Coulee Dam, Wash. For mail: Box 174, Coulee Dam, Wash.
- HERRICK, GEORGE G. (A'36), Treasurer, Speer Resistor Corporation, St. Marys, Pa.
- HERRICK, R. H. (A'35), Radio Consultant, Associated Electrical Laboratories, 1033 W. Van Buren St., Chicago, Ill.
- HERRICK, WHITING W. (A'34), Engineering Department, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 512 Maple St., Emporium, Pa.
- HERRMANN, ALBERT A. (J'29-A'32), Electrician, American Steel and Wire Company, Waukegan, Ill. For mail: 653 Mill Ct., Waukegan, Ill.
- HERRMANN, FRANK (A'30), Office Engineer and Designer, Oklahoma City Water Department, City Hall, Oklahoma City, Okla. For mail: 1913 N. W. 21st St., Oklahoma City, Okla.
- HERSHMAN, JOSEPH B. (A'28), Director of Radio, Dodge's Telegraph and Radio Institute, Valparaiso, Ind.
- HERSON, JACOB L. (A'36), Assistant Radio Engineer, War Department, Wright Field, Dayton, Ohio. For mail: 110 E. Bruce Ave., Dayton, Ohio.
- HERVEY, JOHN P. (A'27), Research Fellow, The Eldridge Reeves Johnson Foundation for Medical Physics, University of Pennsylvania, Philadelphia, Pa. For mail: Johnson Foundation, University Hospital, Philadelphia, Pa.
- HESS, HOWARD M. (A'35), Instructor, Electrical Engineering Department, Wayne University, 4841 Cass Ave., Detroit, Mich. For mail: 5505 Lincoln Ave., Detroit, Mich.
- HESE, HENRY R. (A'29), For mail: 3119 Clarendon Rd., Brooklyn, N.Y.
- HESEL, JOHN (A'32), Radio Engineer, Signal Corps Laboratories, Fort Monmouth, Oceanport, N.J. For mail: Box 162, Oceanport, N.J.
- HETLAND, JULIUS M. (A'31), Chief Engineer, WDAY, Inc., Fargo, N.D.
- HEUSER, EUGENE R. (A'36), Sound Systems, J. W. Tabor, Sixth and Cedar Sts., Wallace, Idaho. For mail: c/o Fire Department, Wallace, Idaho.
- HEWITT, C. TEFT (A'17), Librarian, Hackley Public Library, Muskegon, Mich.
- HEWLETT, WILLIAM R. (S'35), 3880 Washington St., San Francisco, Calif.
- HEYES, OSWALD (A'36), Radio Engineer, African Broadcasting Company, Ltd., Durban, Natal, South Africa.
- HICKMAN, CLARENCE N. (A'29), Research Physicist, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 3536-79th St., Jackson Heights, L.I., N.Y.
- HICKMAN, ROGER W. (A'29), Instructor in Physics and Communication Engineering, Cruft Laboratory, Harvard University, Cambridge, Mass.
- HICKS, BEN C. (A'35), Electrical Engineer, Shawinigan Water and Power Company, 2131 Orleans Ave., Montreal, Que., Canada. For mail: 3455 Prudhomme Ave., Notre Dame de Grace, Montreal, Que., Canada.
- HICKS, GORDON J. (A'35), Radio Engineer, Amalgamated Wireless, Australasia, Ltd., 554 Parramatta Rd., Ashfield, N.S.W., Australia. For mail: 88 Cheltenham Crescent, Cheltenham, N.S.W., Australia.
- HICKSON, PHILIP W. (A'36), Chief Engineer, Ardent Acoustic Laboratories, 11-12 Pollen St., London, W. 1, England. For mail: 11 Upper Woburn Pl., London, W.C. 1, England.
- HIDA, MOICHIRO (A'36), Chief of Kannon Receiving Station, Kokusai Denwa Kabushiki Kaisha, 3 banchi, 1-chome, Uchisaiwaicho, Kojimachiku, Tokyo, Japan. For mail: Kannon Receiving Station, Kokusai Denwa, Chureki, Shinchiku Pref., Formosa, Japan.
- HIERONYMUS, JEROME (A'34), Technical Sergeant, U. S. Marine Corps, San Diego, Calif. For mail: Headquarters Company, First Battalion, Sixth Marines, Marine Corps Base, San Diego, Calif.
- HIGGY, ROBERT C. (A'26), Director of Broadcasting, WOSU, Ohio State University, Columbus, Ohio. For mail: 2032 Indianola Ave., Columbus, Ohio.
- HIGHLEYMAN, RICHARD (M'26), Lieutenant, U. S. Navy, Bureau of Engineering, U. S. Navy Department, Washington, D.C.
- HIGHT, STUART C. (A'31), Research Engineer, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- HIJIKATA, SHIKANOSUKE (A'29), Telephone Engineer, Nippon Electric Company, Ltd., 2 Mita Shikokumachi Shiba, Tokyo, Japan.
- HILDEBRAND, JOHN G., JR. (A'33), Research Chemist and Electronics Engineer, Gustavus J. Esselen, Inc., 857 Boylston St., Boston, Mass.
- HILGEDICK, WINFRED C. (A'29), Radio Engineer, National Park Service, 250 Federal Office Bldg., San Francisco, Calif.
- HILL, GUY (M'13-F'15), Captain, U. S. Army, Officer-in-Charge, Signal Corps Radio Section, Patterson Field, Fairfield, Ohio.
- HILL, HAROLD F. (A'27), Engineering Department, Tropical Radio Telegraph Company, 1 Federal St., Boston, Mass. For mail: 1306 W. 85th St., Los Angeles, Calif.
- HILL, JAMES H. (A'28), c/o American Consul, Rio de Janeiro, Brazil.
- HILL, JAMES S. (S'34-A'36), Control Operator, WHK, Radio Air Service Corporation, 1311 Terminal Tower, Cleveland, Ohio. For mail: Apt. 6, 14679 Elderwood Ave., East Cleveland, Ohio.
- HILLER, HARRY E. (A'22), Sound Engineer, Center Theatre, Radio City, 1236 Sixth Ave., New York, N.Y. For mail: 364 Elmwood Ave., East Orange, N.J.
- HILLER, NICHOLAI H., JR. (A'27), Assistant to Chief Engineer, The Texas Company, 135 E. 42nd St., New York, N.Y.
- HILLIARD, JOHN K. (A'25-M'29), Transmission Engineer, Fox Film Corporation, Hollywood, Calif. For mail: 414 N. Sycamore Ave., Hollywood, Calif.

HIL-HOK

- HILLIARD, W. P. (A'35), Vice President, W. P. Hilliard Company, 64 E. 25th St., Chicago, Ill.
- HILLIARD, WINFIELD E. (A'36), Serviceman, Penn Allen Radio Shop, 438 Allen St., Allentown, Pa.
- HILLIGOSS, DAVID R. (A'33), Supervisor, Balance and Gain Department, General Household Utilities Company, 3300 S. Adams St., Marion, Ind. For mail: 520 W. 10th St., Marion, Ind.
- HILLS, CHARLES E., JR. (A'26), Commercial Manager, General Radio Company, 30 State St., Cambridge, Mass. For mail: 5 Green Lawn Ave., Wellesley Farms, Mass.
- HINCK, ALFRED J., JR. (A'33), Allen B. DuMont Laboratories, 9 Bradford Way, Upper Montclair, N.J. For mail: 42 Christopher St., Montclair, N.J.
- HINELINE, HARRIS D. (M'26), Patent Attorney, Industrial Rayon Company, Cleveland, Ohio. For mail: 3695 Rocky River Dr., Cleveland, Ohio.
- HINEMON, JOHN H., JR. (A'20), Lieutenant Colonel, Signal Corps, U. S. Army, Office, Chief Signal Officer, War Department, Washington, D.C. For mail: 3205 R St., N.W., Washington, D.C.
- HINGS, DONALD L. (A'32), Radio Engineer, Research Department, Consolidated Mining and Smelter Company, Trail, B.C., Canada. For mail: Box 494, Rossland, B.C., Canada.
- HINNERS, FRANK A. (M'15-F'26), Engineer, Hazeltine Service Corporation, 333 W. 52nd St., New York, N.Y. For mail: 233 Raymond St., Rockville Center, L.I., N.Y.
- HINTZ, ROBERT T. (A'30), Engineering Assistant, Hazeltine Service Corporation, 333 W. 52nd St. New York, N.Y.
- HIRAYAMA, YUKIO (A'33), Huknokahosokoyoku, City Hukuoka, Japan.
- HIRLINGER, JOHN F. (A'30), Research and Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- HIROSE, M. (A'29), Station JOSK, Kokura Hosokoyoku, Kokurasi, Japan.
- HIROSHI, SUZUKI (A'34), Engineer, Shizuoka Broadcasting Station, Yunoki, Shizuoka-shi, Japan.
- HIRSCH, OSCAR C. (A'26), Owner-Manager, KFVS, Hotel Marquette, Cape Girardeau, Mo. For mail: Box 275, Cape Girardeau, Mo.
- HISAMOTO, MASAYUKI (J'29-A'29), U. S. Government Radio Instructor, 110th Co. C.C.C., Assonet, Freetown, Mass. For mail: 1 Arlington St., Somerville, Mass.
- HITCHCOCK, RICHARD C. (A'28-M'30), Electrical Engineer, Westinghouse Electric and Manufacturing Company, 95 Orange St., Newark, N.J. For mail: 120 Wildwood Ave., Upper Montclair, N.J.
- HJERMSTAD, HANS U. (J'29-A'30), Instructor, Radio Communication, University of Wisconsin, Extension Division, 623 W. State St., Milwaukee, Wis.
- HOAG, J. BARTON (M'28), Assistant Professor, University of Chicago, Chicago, Ill.
- HOARD, NORMAN F. (A'28), Engineer, Holtzer-Cabot Electric Company, 125 Amory St., Boston, Mass. For mail: 27 Wendell Park E., Milton, Mass.
- HOBBS, FRANK B. (A'35), Superintendent, Radio College of Canada, Ltd., 863 Bay St., Toronto, Ont., Canada. For mail: 510 Eglinton Ave. W., Toronto, Ont., Canada.
- HOBBS, MARVIN (A'35), Development Engineer, Delco Radio Division, Kokomo, Ind.
- HOBRECHT, JOHN P. (S'36), Draftsman, Otis Elevator Company, 1 Beach St., San Francisco, Calif.
- HOCH, ARTHUR L. (A'31), RCA Manufacturing Company, Inc., Camden, N.J. For mail: 330 Penn St., Camden, N.J.
- HODDINOTT, JOHN K. (A'33), Owner, John K. Hoddinott, High St., Wallingford, Berks., England.
- HODGE, ALFRED H. (A'32), Associate Research Physicist, Aberdeen Proving Ground, Ordnance Department, U. S. Army, Aberdeen, Md.
- HODGES, ALBERT R. (A'33), Associate, Ralph H. Langley, Consulting Engineer, 165 Broadway, New York, N.Y. For mail: 587 Fort Washington Ave., New York, N.Y.
- HODGKINS, ROGER W. (A'36), Engineer, WABI, Community Broadcasting Service, Inc., Bangor, Maine.
- HODGSON, ALAN D. (A'31), "Greenlawn," Slewins La., Hornchurch, Essex, England.
- HODGSON, EDWARD (A'23), Engineer-in-Charge, Yamachiche Radio Receiving Station, Canadian Marconi Company, Ltd., Montreal, Que., Canada. For mail: c/o Canadian Marconi Company, Ltd., Yamachiche, Que., Canada.
- HOEHN, FRED M. (A'33), Chief Operator, Mackay Radio and Telegraph Company, Route 1, Box 285, Palo Alto, Calif. For mail: 538 Hawthorne Ave., Palo Alto, Calif.
- HOELLE, LOWELL C. (A'35), Convoy, Ohio.
- HOFFMAN, EUGENE J. (A'36), Vacuum Tube Design Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: Box 272, St. Marys, Pa.
- HOFFMAN, JULIUS (S'34), Junior Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 2021 S. Seventh St., Philadelphia, Pa.
- HOFFMAN, KARL B. (A'34), Technical Director WGR-WKBW, Buffalo Broadcasting Corporation, Rand Bldg., Buffalo, N.Y.
- HOFFMAN, MILTON C. (A'36), Radio Tube Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 606 Vine St., Emporium, Pa.
- HOFFMAN, RALPH (A'30), Radiotrician, Police Radio Department, City Hall, Cincinnati, Ohio. For mail: Box 20, Station I, Cincinnati, Ohio.
- HOFFMAN, RAYMOND R. (A'34-M'37), Radio Tube Designer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 252 N. St. Marys St., St. Marys, Pa.
- HOFFMAN, RONALD W. (A'36), Supervisory Engineer, Staff Appointment-Five Borough Division, Works Progress Administration, 70 Columbus Ave., New York, N.Y. For mail: 2573 Amboy Rd., New Dorp, S.I., N.Y.
- HOFFMAN, ROSS B. (A'31), Radio Engineer, Les Laboratoires L.M.T., 46 Ave. de Breteuil, Paris, France.
- HOFFMAN, SAMUEL O. (A'23), For mail: 835 Howard St., San Francisco, Calif.
- HOFFMAN, W. HOLLIS (A'18), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 148 S. Woodbury Ave., Pitman, N.J.
- HOFFMAN, WALTER R. (A'23), Chief Engineer, WWJ, Detroit News, Detroit, Mich. For mail: 13565 Cheerylawn Ave., Detroit, Mich.
- HOFFSTETTER, GEORGE E. (A'33), Automatic Chief, Western Union Telegraph Company, 28 S. Jefferson St., Dayton, O. For mail: 228 W. Norman Ave., Dayton, Ohio.
- HOGAN, JOHN V. L. (M'12-F'15), Consulting Engineer, 41 Park Row, New York, N.Y.; President Interstate Broadcasting Company, Inc., W2XR, 730 Fifth Ave. For mail: 41 Park Row, New York, N.Y.
- HOGG, WILLIAM S., JR. (A'14-M'29), Commander, U. S. Navy. For mail: Naval Training Station, Great Lakes, Ill.
- HÖK, C. GUNNAR M. (A'31), Radio Engineer, Svenska Radioaktibolaget, Stockholm, Sweden. For mail: 78 Norr Mälärstrand, Stockholm, Sweden.
- HOKE, VERGNE L. (A'30), Radio Electrician (civilian), Signal Corps, U. S. Army,

- Alaska Communication System, Federal Office Bldg., Seattle, Wash. For mail: c/o U. S. Signal Corps, Juneau, Alaska.
- HOLADAY, DONALD F.** (A'36), Chief Engineer, KVSO, Ardmore, Okla.
- HOLBORN, FREDERICK** (M'23), Engineer, Staff of Transmission Engineers, Western Union Telegraph Company, 60 Hudson St., New York, N.Y. For mail: 15 Eastwood Pl., Cedar Grove, N.J.
- HOLDEN, HARRY H.** (A'27), Radio Sales and Service, Siasconset, Mass.
- HOLETZ, ALEXANDER C.** (A'29), Vacuum Tube Research, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 255 Senator St., Brooklyn, N.Y.
- HOLEY, WALTER J.** (A'31), Consulting Radio Engineer, 1368 Northview Ave., N.E., Atlanta, Ga.
- HOLLAHAN, WILLIAM E.** (A'36), Serviceman, 151 New Jersey Ave., Collingswood, N.J.
- HOLLAND, LEWIS N.** (A'27-M'32), Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich.
- HOLLAND, WALTER E.** (M'25-F'36), Rancho Sacatal, Paul Spur, Ariz.
- HOLLINGHURST, FRANK** (A'36), Engineer-in-Charge, Rugby Radio Station, "Crown Point," Crick Rd., Hillmorton, Rugby, England.
- HOLLIS, HAMMOND H.** (A'28), Engineer, General Radio Company, 30 State St., Cambridge, Mass. For mail: 9 Brewster Pl., North Weymouth, Mass.
- HOLLISTER, HERBERT** (A'36), General Manager, KANS, Hotel Lassen, Wichita, Kan.
- HOLLYWOOD, JOHN M.** (J'30-A'32), Research Engineer, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: 33 Peters Pl., Red Bank, N.J.
- HOLMAN, HENRY M.** (J'27-A'28), Radio Service Department Manager, Taylor Electric Company, 720 N. Jackson St., Milwaukee, Wis. For mail: 2534 N. 49th St., Milwaukee, Wis.
- HOLMES, RALPH S.** (A'25), Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 238 Merion Ave., Haddonfield, N.J.
- HOLT, HILLIS W.** (A'26), Chief Engineer, WSPR, 63 Chestnut St., Springfield, Mass. For mail: 116 Suffolk St., Springfield, Mass.
- HOLT, LAURENCE J.** (A'36), Engineer, National Electrical Supply Company, 1328 New York Ave., N.W., Washington, D.C. For mail: 6701 Sixth St., N.W., Washington, D.C.
- HOLTAN, C. HANLEY** (A'36), Radio Operator, Northwest Airlines, Inc., Boeing Field, Seattle, Wash.
- HOLZINGER, THEODORE E.** (A'29), Sales Technical Representative, New York Edison Company, Inc., 4 Irving Pl., New York. For mail: 149-41-19th Ave., Whitestone, L.I., N.Y.
- HOMER, EDWARD C.** (A'28), Assistant Engineer, Western Union Telegraph Company, 60 Hudson St., New York, N.Y. For mail: 190 Toyslome La., Southampton, L.I., N.Y.
- HOMSY, JOHN H.** (A'30), Inspector, Federal Communications Commission, 3619 S. Meyler St., San Pedro, Calif.
- HONNELL, PIERRE M.** (J'27-A'29), Geophysicist, The Texas Company, Geophysical Division, Box 2332, Houston, Tex.
- HOOD, SAM** (A'36), Commerce, Ga.
- HOOKE, LIONEL A.** (M'31), General Manager, Amalgamated Wireless, Australasia, Ltd., 47 York St., Sydney, N.S.W., Australia. For mail: G.P.O., Box 2516 BB, Sydney, Australia.
- HOOPER, EDGAR M.** (A'27), Engineer-in-Charge, DB Broadcasting Company, Party Ltd., 36 Flinders St., Melbourne, C.I., Australia. For mail: 223 Auburn Rd., Auburn, E. 2, Victoria, Australia.
- HOOPER, GEORGE A.** (A'35), Chief Engineer WIBG, Seaboard Radio Broadcasting Company, Glenside, Pa. For mail: 1529 E. Mohican St., Philadelphia, Pa.
- HOOPER, STANFORD C.** (F'28-A'33), Technical Assistant to Chief of Naval Operations, U. S. Navy Department, Washington, D.C.
- HOOPES, THOMAS T.** (J'15-A'19), Curator, City Art Museum, St. Louis, Mo. For mail: R.F.D., Rowley, Mass.
- HOOVEN, MORRIS D.** (A'26), Engineer, Public Service Electric and Gas Company, 80 Park Pl., Newark, N.J.
- HOPFENBERG, JOSEPH A.** (A'30), President, Pennant Products, Inc., 729 Seventh Ave., New York, N.Y.
- HOPKINS, A. R.** (A'27-M'32), Sales Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 6160 Grant Ave., Merchantville, N.J.
- HOPKINS, EDWARD J.** (A'36), RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 153-14-32nd Ave., Flushing, L.I., N.Y.
- HOPKINS, NELSON S.** (A'27), President, Phenix Aircraft Products Company, 5565 Main St., Williamsille, N.Y.
- HOPKINS, ROBERT E.** (A'34), 265 Bellefontaine St., Pasadena, Calif.
- HOPPER, FRANCIS L.** (A'26), Transmission Engineer, Electrical Research Products, Inc., 7046 Hollywood Blvd., Los Angeles, Calif. For mail: 599 S. Hudson Ave., Pasadena, Calif.
- HOPWOOD, ARTHUR M., JR.** (A'36), Laboratory Assistant, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 1340 Wellington St., Philadelphia, Pa.
- HOPWOOD, CECIL H.** (A'33), East Cornwall Research Laboratory, Calstock, Cornwall, England.
- HORIGUCHI, JIRO** (A'25), Kemikawa Radio Transmitting Station, Kemikawa, Chiba-ken, Japan.
- HORIGUCHI, S.** (A'35), JOHG, Kagoshima Radio Broadcasting Station, Kagoshima, Japan.
- HORLE, LAWRENCE C. F.** (A'14-M'23-F'25), Consulting Engineer, Rm. 1504, 90 West St., New York, N.Y.
- HORN, CHARLES W.** (A'14-M'28-F'30), Director of Research and Development, National Broadcasting Company, Rm. 512, 30 Rockefeller Plaza, New York, N.Y.
- HORN, CYRIL O.** (A'33), Telephone Manager, General Post Office, Leeds, 1, England.
- HORNBERGER, JOSEPH E.** (A'31), Manager, Billinger's, Stony Creek Mills, Pa.
- HORNE, CHARLES F., JR.** (A'35), Lieutenant, U. S. Navy, U.S.S. *Semmes*, c/o Postmaster, New York, N.Y.
- HORNUNG, JULIUS L.** (A'18-M'34), Chief Instructor, Radio Division, Y.M.C.A. Trade and Technical Schools, 5 W. 63rd St., New York, N.Y. For mail: 2902 Grand Concourse, New York, N.Y.
- HORTIG, FRANCIS J.** (S'33-A'35), Engineering Aide, Division of State Lands, Department of Finance, 310 State Capitol, Sacramento, Calif. For mail: 170 Hearst Ave., San Francisco, Calif.
- HORTON, J. WARREN** (A'20-F'29), Research Associate, Massachusetts Institute of Technology, Cambridge, Mass.
- HOSELTON, FRANK B.** (A'26), Salesman, Domestic Refrigeration Company, 134 N. W. Third Ave., Miami, Fla. For mail: 3132 Mundy St., Coconut Grove, Fla.
- HOTH, DANIEL F.** (S'34), Member of Technical Staff, Transmission Rating, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 396 Allaire Ave., Leonia, N.J.

HOT-HUM

- HOTOPP, ALFRED H., JR.** (A'22-M'28), Manager and Chief Engineer, Electronics Division, Hygrade Sylvania Corporation, Clifton, N.J. For mail: 45 Hillside Ave., Caldwell, N.J.
- HOUCK, HARRY W.** (A'19-M'28), Vice President in Charge of Engineering, Micamold Radio Corporation, 1087 Flushing Ave., Brooklyn, N.Y. For mail: Engineers Club, 32 W. 40th St., New York, N.Y.
- HOUGHTON, HAROLD W.** (A'36), Recording Engineer, South African Broadcasting Corporation, 217 Bree St., Johannesburg, Transvaal, South Africa.
- HOUSTON, GEORGE P., III** (A'28), Chief Engineer, Baltimore Broadcasting Corporation, 114 W. Lexington St., Baltimore, Md. For mail: 841 McCabe Ave., Baltimore, Md.
- HOVGAARD, OLE M.** (A'24-M'26), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- HOWARD, DAVID G.** (A'30), Instructor, Department of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. For mail: 137 Monticello Ave., Annapolis, Md.
- HOWARD, EDWARD J.** (A'28), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 194 Valentine St., Yonkers, N.Y.
- HOWARD, LEWIS W.** (A'28), Engineer, Phelps Dodge Copper Products Corporation, 2375 E. 27th St., Los Angeles, Calif. For mail: 525 W. Center St., Anaheim, Calif.
- HOWARD, STANLEY B.** (S'36), Student Engineer, General Electric Company, Rm. 302, Bldg. 4, Schenectady, N.Y.
- HOWE, WILLARD C.** (A'29), 405 E. 54th St., New York, N.Y.
- HOWELL, CLIFFORD A.** (A'27), Placement Interviewer, New York State Employment Service, 805 Walbridge Bldg., 43 Court St., Buffalo, N.Y. For mail: 227 E. 239th St., New York, N.Y.
- HOWELL, WALTER J.** (A'14-M'23), U. S. Radio Inspector, Federal Communications Commission, 641 Washington St., New York, N.Y.
- HOWES, DOUGLAS E.** (A'27), Associate Professor of Electrical Engineering, Norwich University, Northfield, Vt.
- HOWES, EDGAR T.** (A'26), Partner, Reeves and Howes, 1041 E. Green St., Pasadena, Calif. For mail: 1090 Armada Dr., Pasadena, Calif.
- HOWSE, HARRY A. G.** (A'25-M'28), Transmission Operating Superintendent, Stardard Telephones and Cables, Ltd., North Woolwich, London, E. 16, England. For mail: Shirley, Marsh La., Stanmore, Middx., England.
- HOYLER, CYRIL N.** (A'35), Professor of Physics, Moravian College, Bethlehem, Pa.
- HOYT, CHARLES F.** (S'32-A'35), 507 Garfield Ave., Valparaiso, Ind.
- HROMADÁ, JOSEPH C.** (J'27-A'27), Associate Radio Engineer, Air Navigation Division, Bureau of Air Commerce, Department of Commerce, Commerce Bldg., Washington, D.C. For mail: 1614 Riggs Pl., Washington, D.C.
- HSU, A. LING** (S'34), Research Assistant, Electrotechnical Laboratory, National Resources Commission, Sihuamen, Nanking 8, China.
- HSU, C. L.** (J'28-A'32), Technical Expert, National Resources Commission, Electrotechnical Laboratory, Shui Ching Tai, Sihuamen, Nanking, China.
- HUANG, SOONG** (S'36), Student, University of Michigan, Ann Arbor, Mich. For mail: 1346 Geddes Ave., Ann Arbor, Mich.
- HUBBARD, BEVERLEY R.** (J'21-A'24), Director of Laboratory, Submarine Signal Company, State St., Boston, Mass. For mail: 125 Conant Rd., Melrose, Mass.
- HUBBARD, BURNETTE L.** (A'31), Industrial Engineer, Philco Radio and Television Corporation, Philadelphia, Pa. For mail: 340 Westmont Ave., Westmont, N.J.
- HUBBARD, FRANK A.** (A'24), Radio Engineer, Research Department, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- HUBBARD, WYMAN B.** (A'36), Radio Officer, Highland Park Police Department, 23 Gerald, Highland Park, Mich. For mail: 13138 Thomson, Highland Park, Mich.
- HUBER, CHARLES W.** (A'32), Service Manager, Huber Radio Service, 594 E. Amherst, Buffalo, N.Y.
- HUCHBERGER, ALFRED P.** (A'31), President, International Electronics, Inc., 145 W. 45th St., New York, N.Y.
- HUCKE, HERBERT M.** (A'31), Communications Engineer, United Air Lines Transport Corporation, 5936 S. Cicero Ave., Chicago, Ill.
- HUDACK, JOHN M.** (A'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., Rm. 509, 463 West St., New York, N.Y.
- HUDDY, FRANKLIN S.** (A'30), Assistant to Chief Engineer, Ceco Manufacturing Company, 1200 Eddy St., Providence, R.I. For mail: 90 Miller Ave., Providence, R.I.
- HUDSON, WILBUR E.** (A'36), Chief Engineer, WAVE, Louisville, Ky. For mail: 1525 Brown Hotel, Louisville, Ky.
- HUEY, RICHARD M.** (A'36), Development Engineer, Amalgamated Wireless, Australasia, Ltd., 554 Parramatta Rd., Ashfield, N.S.W., Australia.
- HUGHES, E. THOMAS** (S'35-A'37), Student Engineer, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. For mail: 819 Mifflin Ave., Wilkingsburg, Pa.
- HUGHES, HAROLD K.** (A'36), Instructor in Physics, Bard College, Columbia University, Annandale-on-Hudson, N.Y.
- HUGHES, LESLIE E. C.** (A'31), Lecturer in Electrical Communication, City and Guilds Engineering College, London, S.W. 7, England. For mail: 73 Lansdowne Rd., W. 11, London, England.
- HUIZINGA, SALOMON M.** (A'35), Technical Manager, Radio Research Laboratory, RRL, Orchideestraat 11, Hilversum, Netherlands.
- HUKUGITA, HISASI** (A'34), Broadcasting Corporation of Japan, Atagoyama, Siba, Tokyo, Japan. For mail: 48 Hommuracho, Azabu, Tokyo, Japan.
- HULICK, HENRY H.** (A'36), Technical Supervisor, WPTF Radio Company, 324 Fayetteville St., Raleigh, N.C.
- HULL, DAVID R.** (A'36), Lieutenant, U. S. Navy, Bureau of Engineering, Navy Department, Washington, D.C.
- HULL, FLOYD K.** (A'34), Electrical Engineer, Broadcast Engineer, KTBS, DeSoto Crude Oil Purchasing Corporation, Shreveport, La. For mail: Box 487, Overton, Tex.
- HULL, LEWIS M.** (J'17-A'19-M'27-F'28), President, Aircraft Radio Corporation, Boonton, N.J.
- HULL, MAURY I.** (A'36), 1816 M St., N.W., Washington, D.C.
- HULL, RICHARD W.** (A'33), Radio Technician, Ohrmund Heating Company, 1519 Valley Blvd., Rosemead, Calif. For mail: 2185 Mar Vista Ave., Altadena, Calif.
- HULME, ARNOLD B.** (A'30), Proprietor, Hulme and Son, 8/9 Sadler Gate, Derby, England.
- HULTBERG, CARL A.** (M'34), Radio Engineer, Crosley Radio Corporation, Arlington and Colerain Aves., Cincinnati, Ohio. For mail: 4848 Reading Rd., Cincinnati, Ohio.
- HUMMELING, WILLIAM G. A. M.** (A'31), Director and Technical Manager, Sesh-Laboratorium, N.V., 74, Soestdijkerstraatweg, Hilversum, Netherlands.
- HUMPHREY, HARTLEY C.** (A'29), Technical Director, Western Electric Company,

- Ltd., Bush House, Aldwych W.C. 2, London, England.
- HUMPHREY, STANLEY M.** (A'28), Research Engineer, Taylor-Winfield Corporation, Warren, Ohio. For mail: 739 Mahoning Ave., Warren, Ohio.
- HUMPHREYS, HERBERT F.** (M'36), Engineer-in-Charge, West Regional Station, British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: West Regional Station, Washford Cross, Somerset, England.
- HUND, AUGUST** (M'16-F'27), Consulting Engineer, 8021 Melrose Ave., Los Angeles, Calif.
- HUNG, MING-YANG** (A'32), Chief of Commercial Department, Shanghai Telegraph Office, 200 Szechuen Rd., Shanghai, China.
- HUNGERFORD, NORMAN** (A'36), Radio Technician, United Air Lines, Cheyenne, Wyo. For mail: 3814 Warren Ave., Cheyenne, Wyo.
- HUNT, CLYDE M.** (A'34), Chief Engineer, WJSV, Columbia Broadcasting System, 817 Earle Bldg., Washington, D.C. For mail: 3220 Connecticut Ave., Washington, D.C.
- HUNT, FREDERICK V.** (A'28), Assistant, Physics Department, Cruft Laboratory, Harvard University, Cambridge, Mass. For mail: 57 Kirkland St., Cambridge, Mass.
- HUNT, LOUIS W.** (A'36), Professor of Chemical Engineering, Penn College, Cleveland, Ohio.
- HUNT, LOYD E.** (M'33), Member of Technical Staff, Bell Telephone Laboratories, Inc., Deal, N.J.
- HUNTER, BENJAMIN F.** (A'36), Radio Technician, 114 High St., Rangiora, North Canterbury, New Zealand.
- HUNTINGTON, MAURICE B.** (A'26), Laboratory Assistant, Rochester Gas and Electric Corporation, 89 East Ave., Rochester, N.Y. For mail: 86 Rockingham St., Rochester, N.Y.
- HUNTLEY, KENNETH L.** (A'36), Engineer, United Radio Service, 44 Silver St., Norwich, N.Y. For mail: 14½ Gold St., Norwich, N.Y.
- HURFF, JOSEPH L.** (A'28), Radio Engineer, Hazeltine Service Corporation, 209-71-26th Ave., Bayside, L.I., N.Y. For mail: 36-14-165th St., Flushing, L.I., N.Y.
- HURLBUT, A. LEIGHTON** (A'35), Chief Instructor, Radio College of Canada, 863 Bay St., Toronto, Ont., Canada. For mail: 247 St. Clements Ave., Toronto, Ont., Canada.
- HURLBUT, HAROLD C.** (A'30), Electrical Meterman, Lighting Department, City of Seattle, City Light-Meter Division, 1107 Fourth Ave., Seattle, Wash. For mail: 2633-11th, N., Seattle, Wash.
- HURREN, SYDNEY A.** (A'35), Head of Department, Department of Musical Instrument and Radio Technology, Northern Polytechnic, Holloway, London, N. 7, England.
- HUSSEY, WILLIAM J.** (A'33), Radio Operator, Mackay Radio and Telegraph Company, 22 Battery St., San Francisco, Calif. For mail: 112 Seventh St., San Francisco, Calif.
- HUSTON, OWEN H.** (S'34-A'36), Project Supervisor, Iowa State Planning Board, Ames, Iowa. For mail: 603 Rundell St., Iowa City, Iowa.
- HUTCHENS, RAYMOND D.** (A'36), Operating Engineer, RCA Communications, Inc., 114 W. Adams St., Chicago, Ill.
- HUTCHESON, GUY C.** (A'36), Broadcast Technician, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y.
- HUTCHESON, JOHN A.** (A'28-M'30), Radio Engineer, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass. For mail: 770 Sumner Ave., Springfield, Mass.
- HUTCHINSON, HENRY P.** (A'32), Assistant Radio Engineer, War Department, Office of the Signal Officer, Second Corps Area, Governors Island, N.Y. For mail: 1563 E. 21st St., Brooklyn, N.Y.
- HUTCHINSON, MAURICE** (A'36), Radio Mechanic, H. Polliack and Company, Ltd., 88 Eloff St., Johannesburg, South Africa. For mail: 28 Cumberland Rd., Kensington, Transvaal, South Africa.
- HUXTABLE, CLYDE K.** (A'36), Radio Engineer, Montgomery Ward and Company, Chicago Ave. and Larrabee St., Chicago, Ill.
- HYLAND, LAWRENCE A.** (A'29), Radio Research Company, Inc., Ninth and Kearney Sts. N.E., Washington, D.C.
- HYNE, ALLAN D.** (S'35), Field Engineer, RCA Manufacturing Company, Inc., 170 Ninth St., San Francisco, Calif. For mail: 621 Taylor St., San Francisco, Calif.
- HYNES, FREDERICK M. B.** (A'35), Communication Engineer, Standard Telephones and Cables, Australasia, Ltd., 71 York St., Sydney, N.S.W., Australia. For mail: "The Manor," Iluka Rd., Mosman, N.S.W., Australia.

I

- IAMS, HARLEY A.** (A'31), Research Engineer, RCA Manufacturing Company, Inc., Harrison, N.J.
- IDE, JOHN M.** (J'28-A'30), Geophysicist, Shell Petroleum Corporation, 3705 Bellaire Blvd., Houston, Tex.
- IMAOKA, YOSHIO** (A'27), Chief Engineer, Tokyo Electric Radio Company, Ltd., Kawasaki, Japan. For mail: 45 Minami-machi 5-chome, Aoyama, Tokyo, Japan.
- IMBODEN, GEORGE I.** (A'36), Foreman, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 315 E. Allegheny Ave., Emporium, Pa.
- IMLACH, GEORGE** (A'25), Radio Operator, Tropical Radio Telegraph Company, 1 Federal St., Boston, Mass. For mail: 94 Evans St., North Weymouth, Mass.
- IMLE, JOHN F.** (A'30), Geophysical Engineer, Humble Oil and Refining Company, Houston, Tex. For mail: c/o Lago Petroleum Corporation, Maracaibo, Venezuela.
- INADA, SANNOSUKE** (M'22), 176 Kogaicho Azabu, Tokyo, Japan.
- INANAMI, SUEO** (A'27), Radio Section, Komukyoku, Communication Department, Tokyo, Japan.
- INGERSOLL, WILLIAM P.** (A'25), Box 240, Canton, Ill.
- INGRAM, SYDNEY B.** (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- INMAN, JAMES F.** (A'32), President, Associated Research, Inc., 16 N. May St., Chicago, Ill.
- INSLERMAN, HANS E.** (A'35), Assistant Radio Engineer, Signal Corps Laboratories, Fort Monmouth, Oceanport, N.J. For mail: Box 33, Oceanport, N.J.
- INSTRALL, REGINALD C.** (A'28), Captain, Signal Training Centre, Catterick Camp, York, England.
- IRELAND, FREDERICK** (S'33-A'35), Engineering Department, General Radio Company, 30 State St., Cambridge, Mass.
- IRVINE, BASIL** (A'26), Electrician, Radio Division, Department of Transport, Federal Bldg., Vancouver, B.C., Canada.
- IRWIN, BENJAMIN H.** (A'36), Radio Engineer, Noblitt-Sparks Industries, Inc., Columbus, Ind. For mail: 2224 Pearl St., Columbus, Ind.
- IRWIN, GORDON J.** (A'35), Chief Engineer, Philco Products, Ltd., 1244 Dufferin St., Toronto, Ont., Canada.
- ISELE, HAROLD A.** (A'36), Supervisor of Electrical Inspection, Pilot Radio Corporation, 3706-36th St., Long Island City, L.I., N.Y. For mail: 68 W. 97th St., New York, N.Y.

ISH-JEN

- ISHLER, H. KENNETH (A'36), Electrical Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 229 W. Fifth St., Emporium, Pa.
- ISLAS, FELICIANO L. (A'35), Proprietor, XEFI, Apartado Postal 157, Chihuahua, Mexico.
- ISOO, TAKASU (A'34), International Telephone Company, Osaka Bldg., No. 3, 1 chome, Uchisaiwai Cho, Kojinachiku, Tokyo, Japan. For mail: No. 13, Haramachii, Koishikawaku, Tokyo, Japan.
- ISRAEL, DORMAN D. (A'23-M'30), Chief Engineer, Emerson Radio and Phonograph Corporation, 111 Eighth Ave., New York, N.Y.
- ITOW, YUTAKA (A'26), Central Broadcasting Station, JOCK, Nagoya, Japan.
- IVERSEN, I. VEE (A'36), Assistant Operator Rail Detector Car, Northern Pacific Railway, c/o Chief Engineer, Northern Pacific Bldg., St. Paul, Minn.
- IWAKATA, HIDEO (A'31), Assistant Professor, Electrical Engineering Department, Waseda University, Tokyo, Japan.
- J
- JACK, ROBERT (A'31), Professor of Physics, University of Otago, Dunedin, New Zealand.
- JACKER, EDWARD W. (A'23), Technical Director WEMP, Milwaukee, Wis., and WCB.D., 4000 Washington Blvd., Chicago, Ill. For mail: Transmitter Plant, WCB.D., Zion, Ill.
- JACKSON, ALEXANDER H. (A'35), Radio Tower Division, Blaw-Knox Company, Box 1198, Pittsburgh, Pa.
- JACKSON, ARTHUR (A'29), Engineer, Dominion Sound Equipments, Ltd., 820 Cambie St., Vancouver, B.C., Canada.
- JACKSON, C. H. (A'30), Airway Radio Laboratory, 1850 S. Kostner Ave., Chicago, Ill.
- JACKSON, FRANK P. (A'25), Owner, Jackson's Radio Laboratories, 927 N. 26th, Waco, Tex.
- JACKSON, HUBERT E. A. (A'32), Assistant Maintenance Engineer, British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: 80 Moffatts La., Brookmores Park, Potters Bar, Middx., England.
- JACKSON, ROY (A'36), Lieutenant, U. S. Navy, Washington, D.C. For mail: Naval Air Station, San Diego, Calif.
- JACKSON, WILBUR C. (S'36), Box 163, Hinckley, Ill.
- JACKSON, WILBUR M. (A'32), Instructor in Mathematics, Agricultural and Mechanical College of Texas, College Station, Tex. For mail: Box 125, Faculty Exchange, College Station, Tex.
- JACKSON, WILLIAM E. (A'29-M'34), Chief of Radio Development, Bureau of Air Commerce, Department of Commerce, Washington, D.C. For mail: 2 Abingdon Rd., Westmoreland Hills, Friendship Station, Washington, D.C.
- JACOB, FREDERICK N. (A'31), Radio Engineer, Aladdin Radio Industries, Inc., 466 W. Superior St., Chicago, Ill. For mail: 5843 N. Rockwell St., Chicago, Ill.
- JACOBS, FRANK (A'31), Chief Engineer, Radio Transceiver Laboratories, 8627-115th St., Richmond Hill, L.I., N.Y. For mail: 8427-105th St., Richmond Hill, L.I., N.Y.
- JACOBS, YALE (S'36), Electrical Engineer, Midwest Radio Corporation, 911 Broadway, Cincinnati, Ohio. For mail: 626 Garrard St., Covington, Ky.
- JACOBSEN, GEORGE K. (A'36), Technical Director, WDGY-W9XAT, WDGY Bldg., 909 W. Broadway, Minneapolis, Minn. For mail: 902-16th Ave., N., Minneapolis, Minn.
- JACOBSON, LARRY (A'36), National Geophysical Company, 1507 Tower Petroleum Bldg., Dallas, Tex.
- JACOBUS, H. RAYMOND (A'36), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 449 Mountainview Ave., Orange, N.J.
- JACOBS; THOMAS B. (A'36), Commercial Engineer, General Electric Company, 806-15th St., Washington, D.C.
- JADERHOLM, HENRY, W. (A'31), Radio Engineer, Canadian Marconi Company, 66 Wicksteed Ave., Mount Royal, Que., Canada.
- JAMES VIR N. (S'33-A'35), General Engineering Staff, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: Apt. 320, 410 Cathedral Pkwy., New York, N.Y.
- JAMES, WALLACE M. (A'29), Research and Development Laboratory, RCA Manufacturing Company, Inc., 415 S. Fifth St., Harrison, N.J.
- JANDA, HERBERT A. (S'34), Student, Purdue University, West Lafayette, Ind. For mail: 46 Locust Ave., Millburn, N.J.
- JANES, CLINTON W. (J'26-A'28), Manager, Telediphone Department, Ediphone Corporation of Minnesota, Thomas A. Edison, Inc., Orange, N.J. For mail: 2161 Wellesley Ave., St. Paul, Minn.
- JANITSCHKE, E. O. (A'21), Design Draftsman, Industrial Department, U. S. Navy, Navy Yard, Pearl Harbor, T.H.
- JANKE, H. ALFRED (A'14-M'14), Patent Attorney, Knight Bros., 2 Rector St., New York, N.Y.
- JANSKY, CYRIL M., JR. (A'18-M'25-F'28), Senior Partner, Jansky and Bailey, 924 National Press Bldg., Washington, D.C.
- JANSKY, KARL G. (A'28-M'34), Radio Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Box 107, Red Bank, N.J.
- JARAMILLO, ROBERTO (M'36), Carrera 4a, No. 7145, Bogota, Columbia.
- JARVIS, KENNETH W. (A'24-M'27-F'34), Vice President, Norwalk Engineering Corporation, 55 Chestnut St., South Norwalk, Conn. For mail: 25 Cliffview Dr., Silvermine Falls, Norwalk, Conn.
- JARVIS, LEO P. (A'36), Chief Engineer, W6XAI, Bakersfield, Calif. For mail: 1829 Lake St., Bakersfield, Calif.
- JAYASEKERA, DON P. (A'34), Assistant Telecommunication Engineer, Department of Posts and Telegraphs, Ceylon, Central Telegraph Office, Colombo, Ceylon.
- JEAN, ROBERT P. (A'30), Engineer, Roger and Gallet, 210-11th Ave., New York, N.Y.
- JEANG, BAO-TZENG, (A'31), c/o Mr. E. L. Chu, National Research Institute of Physics, Brennan Rd., Shanghai, China.
- JEBB, THOMAS K. (A'35), Head of Electrical Engineering Department, Technical College, Wellington St., Launceston, Tasmania, Australia.
- JEFFCOCK, J. P. (A'36), Technical Radio Officer, Air Ministry, London, England. For mail: Medbourne House, Berrylands, Surbiton, Surrey, England.
- JEFFERS, LEONARD M., JR. (J'33-A'35), Student, Stanford University, Stanford University, Calif. For mail: 1315-41st St., Sacramento, Calif.
- JEFFERSON, SIDNEY (A'35), 52 Cambridge St., London, W. 2, England.
- JEFFORDS, ROBERT D. (A'36), Radioman, Second Class, U. S. Navy, U.S.S. *Vestal*, San Pedro, Calif. For mail: 3132 Poplar Blvd., Alhambra, Calif.
- JELÉN, MATT J. (A'25), Radio Design Engineer, Sparks-Withington Company, Jackson, Mich. For mail: 312 W. Bidde St., Jackson, Mich.
- JEN, C. K. (A'29), Professor of Physics and Electrical Engineering, National Tsing-Hua University, Peiping, China.
- JENKINS, ARTHUR F. (S'36), Engineering Department, Wright De Coster, Inc., 2233 University Ave., St. Paul, Minn.

- JENNY, FELICE (A'35), Engineer, Technical Manager, Zenith S.A., Casella postale 66, Monza, Italy.
- JENSEN, AXEL G. (A'23-M'26), Telephone Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- JENSEN, GEORGE L. (A'29), Radio Inspector, Federal Communications Commission, Central Monitoring Station, Grand Island, Neb. For mail: 418 W. Division, Grand Island, Neb.
- JENSEN, JENS O. (A'35), 1134 S. Everglades Concourse, Miami Beach, Fla.
- JENSEN, JOHN C. (M'19), Professor of Physics, Nebraska Wesleyan University, 50th and St. Paul Sts., Lincoln, Neb.
- JENSEN, MILFORD O. (A'34), Manager, WCAI, St. Olaf College, Northfield, Minn.
- JENSEN, RICHARD C. (A'31), Radio Engineer, Radio Engineering Department, General Electric Company, 1 River Rd., Schenectady, N.Y.
- JENSEN, ROBERT R. (A'36), Control Engineer, KLZ Broadcasting Company, Shirley Savoy Hotel, Denver, Colo.
- JEPSON, WARREN F. (A'20), Owner, Radio Service Business, 54 Highview Ave., Melrose, Mass.
- JEROME, WILBUR R. (A'36), Chief Operator, Muzak Corporation of Ohio, 13000 Athens Ave., Lakewood, Ohio. For mail: 32 Wandle Ave., Bedford, Ohio.
- JERVIS, ERNEST R. (A'33), Consulting Engineer, 65 Dana St., Cambridge, Mass.
- JETT, EWELL K. (A'29), Assistant Chief Engineer, Federal Communications Commission, Washington, D.C. For mail: 6305 Hillcrest Pl., Chevy Chase, Md.
- JEWETT, FRANK B. (F'20), Vice President, American Telephone and Telegraph Company, President, Bell Telephone Laboratories, Inc., 195 Broadway, New York, N.Y.
- JIMBO, SEIKICHI (A'30), Chief of First Section, Electrotechnical Laboratory, Ministry of Communications, Gotanda Gochome, Shinagawaku, Tokyo, Japan.
- JINKS, CARLISLE C. (A'36), Transmitter Engineer, WJR, Transmitter Station, R.R. 1, Wyandotte, Mich. For mail: 10459 Bertram Dr., Dearborn, Mich.
- JOHANNESSEN, HANS R. (A'34), Assistant Radio Engineer, Naval Research Laboratory, Bellevue, Anacostia, D.C.
- JOHNSON, ALBERT E. (A'26), 4615-37th St., N. Clarendon, Va.
- JOHNSON, ARTHUR R. (A'28), Station Engineer, WENR National Broadcasting Company, Downers Grove, Ill. For mail: 4821 Bryan Pl., Downers Grove, Ill.
- JOHNSON, DOUGLAS H. (A'36), Partner, Stanley Johnson and Allen, 426 Salisbury House, London Wall, London, E.C. 2, England.
- JOHNSON, EDGAR F. (A'27), Co-Partner, E. F. Johnson Company, Waseca, Minn. For mail: Waseca, Minn.
- JOHNSON, EDGAR S. (A'33), Chief Radio Officer, S.S. American Trader, United States Lines, 1 Broadway, New York, N.Y. For mail: American Trader, Pier 58, North River, New York, N.Y.
- JOHNSON, EDWIN A. (A'34), Assistant Radio Inspector, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: 527 Fern Pl., Takoma Park, D.C.
- JOHNSON, ERNEST O. (A'29), Service Engineer, RCA Manufacturing Company, Inc., Rm. 1600, 75 Varick St., New York, N.Y.
- JOHNSON, F. LAWRENCE (S'35), Student, California Institute of Technology, Pasadena, Calif. For mail: 1418 N. Spaulding Ave., Hollywood, Calif.
- JOHNSON, HENRY C. (A'36), Radio Tube Engineer, Tunsgol Lamp Works, Orange St., Newark, N.J. For mail: 30 Hedden Ter., North Arlington, N.J.
- JOHNSON, HENRY W. (A'36), Patent Engineer, Radio Corporation of America, 315 S. Fifth St., Harrison, N.J.
- JOHNSON, J. KELLY (A'26-M'35), Chief Engineer, Wells-Gardner and Company, 2701 N. Kildare Ave., Chicago, Ill.
- JOHNSON, JAMES A. (A'27), Architect, Esenwein and Johnson, 781 Ellicott Sq., Buffalo, N.Y.
- JOHNSON, OSMO K. (S'35), 2253-14th Ave., W. Seattle, Wash.
- JOHNSON, PAUL F. (A'23-M'26), 3100 Maiden La., Altadena, Calif.
- JOHNSON, PAUL K. (A'33), Inspector of Incoming Radio Material, United American Bosch Corporation, Springfield, Mass. For mail: 48 Itendale St., Springfield, Mass.
- JOHNSON, THEOPHILUS, JR. (A'14-M'18), 626 Plymouth Ave., Schenectady, N.Y.
- JOHNSON, VENDIT (A'36), Radio Dealer and Service, 822 Sixth St., San Pedro, Calif. For mail: 868 Sixth St., San Pedro, Calif.
- JOHNSON, WELLER E. (S'35), Student, University of California, Berkeley, Calif. For mail: 115 Beech St., Turlock, Calif.
- JOHNSON, WILLIAM D. (A'36), Radio Inspector, Federal Communications Commission, 410 Federal Bldg., Kansas City, Mo. For mail: Box 2553, Central Station, Kansas City, Mo.
- JOHNSTON, BRUCE R. (A'36), Radio Tube Technologist, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 501 Broad St., Emporium, Pa.
- JOHNSTON, EDWARD L. (A'36), Quality Standards Engineer, Western Electric Company, Inc., Chicago, Ill. For mail: 5736 Midway Park, Chicago, Ill.
- JOHNSTON, EDWARD R. (A'33), Radio Engineer, WCAU, 1622 Chestnut St., Philadelphia, Pa. For mail: 4630 Adams Ave., Philadelphia, Pa.
- JOHNSTON, JOHN J. F. W. (A'36), Garden St., Stutterheim, Cape Province, South Africa.
- JOHNSTON, THOMAS F. (A'31), Geophysicist, The Texas Company, Box 2332, Houston, Tex.
- JOHNSTONE, WILLIAM M. (A'33), 52 W. 12th St., New York, N.Y.
- JOLLIFFE, C. B. (M'25-F'30), Engineer-in-Charge, RCA Frequency Bureau, Radio Corporation of America, 30 Rockefeller Plaza, New York, N.Y.
- JONES, ARTHUR B. (A'36), 34 Willersley Ave., Sidcup, Kent, England.
- JONES, ARTHUR R. (A'36), Schoolmaster, Royal Navy, H. M. Signal School, Portsmouth, Hants., England. For mail: 122 Highbury Grove, Cosham, Portsmouth, England.
- JONES, CARL C. (A'30), Senior Engineering Aide, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio. For mail: Clayton, Ohio.
- JONES, CARY B. (S'33-A'36), Electronic Research Assistant, Research Department, Sperry Products, Inc., 40 Flatbush Ave., Brooklyn, N.Y.
- JONES, CHARLES B. (A'36), Chief Engineer, KPFG, 1100 Glendale Blvd., Los Angeles, Calif. For mail: 1041 N. Bonnie Brae, Los Angeles, Calif.
- JONES, CHARLES R. (A'35), Science Teacher, New South Wales Government, 122 Boulevard, Dulwich Hill, N.S.W., Australia.
- JONES, EDWARD T. (A'19-M'25), Assistant Manager, Advertising and Sales Promotion Department, RCA Manufacturing Company, Inc., Camden, N.J.
- JONES, ELTON J. (A'34), 362 S.W. 4th St., Miami, Fla.
- JONES, FRANK C. (A'30), Writer and Radio Engineer, 2037 Durant Ave., Berkeley, Calif.
- JONES, GEORGE E. (A'36), President, Atlantic Union College, South Lancaster, Mass.
- JONES, H. WAYNE (S'36), Tutor, Depart-

JON—KAP

ment of Physics, University of Texas, Austin, Tex.

JONES, IAN C. A. (A'36), 55, Lowther Rd., Barnes, S.W. 13, London, England.

JONES, LEONARD Y., JR. (A'33), Technical Director, Police Radio Patrol, Rua Anchieta, No. 2, São Paulo, Brazil. For mail: Rua Augusta, 475, São Paulo, Brazil.

JONES, LOREN F. (J'26-A'26), Television Engineer, RCA Manufacturing Company, Inc., Camden, N.J.

JONES, MADISON R. (S'32-A'34), Sales Engineer, Jensen Radio Manufacturing Company, 6601 S. Laramie Ave., Chicago, Ill.

JONES, MARGARET C. (A'31), Engineering Department, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.

JONES, MARK S. (A'36), Radio Operator, U. S. Coast Guard, Cleveland Division, Rockefeller Bldg., Cleveland, Ohio. For mail: 1381 E. Ninth St., Cleveland, Ohio.

JONES, RICHARD B. (A'30), Engineer, WPDZ, Fort Wayne-Allen County Police Department, 319 E. Main St., Fort Wayne, Ind. For mail: 4322 Arlington Ave., Fort Wayne, Ind.

JONES, WALTER R. (A'26-M'32), Commercial Engineer, Hygrade Sylvania Corporation, Sylvania Division, Emporium, Pa. For mail: 19 W. Sixth St., Emporium, Pa.

JONES, WILLIAM L., JR. (S'36), Student, Georgia School of Technology, Atlanta, Ga. For mail: Box 35, Statesboro, Ga.

JORDAN, ARCHIE D. (A'36), Instrument Department, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 112 W. Fifth St., Emporium, Pa.

JORDAN, EDWARD C. (S'36), Electrical Engineer, International Nickel Company, Copper Cliff, Ont., Canada. For mail: 296 Lorch St., Sudbury, Ont., Canada.

JORGENSEN, LAURITS (A'29), Civil Engineer, Philips A/S, Copenhagen, Denmark. For mail: Kirsteinsgade 4, Copenhagen Ø, Denmark.

JORGENSON, A. A. (A'36), Chief Operator, Globe Wireless, Ltd., Guam, M.I.

JOSHI, KHANDERAJ D. (A'35), Charge-man, Carriage and Wagon Shop, G. B. S. Railways, Goyá Gate, Baroda, India. For mail: Locomotive Foreman's Office, Meh-sana, India.

JOSS, EMIL T. (A'36), Television Research, Hazeltine Service Corporation, 210th St. and 26th Ave., Bayside, L.I., N.Y. For mail: 9269-216th St., Queens Village, L.I., N.Y.

JOWDY, MITCHELL (A'29), Owner, Jowdy Radio Company, Washington, N.C.

JOYNER, ARCHIBALD A. (A'36), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.

JUKNA, ROBERT (A'35), Radio Engineer, Valsts Elektrotehniská Fabrika, Brivibas gatve Nr. 19, Riga, Latvia.

JULIEN, IRA F. (A'15-M'26), Transmitting Station Manager, Mackay Radio and Telegraph Company, 22 Battery St., San Francisco, Calif. For mail: 928 Middlefield Rd., Palo Alto, Calif.

JUNKEN, LAWRENCE H. (A'25), Designing Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 1397 Glenwood Blvd., Schenectady, N.Y.

K

KACOURINE, SERGE N. (A'26), Chief of Radio Laboratory, Central Aero-Hydrodynamical Institute, Radio St., Moscow, U.S.S.R. For mail: Stankevitch St., N. 11, Apt. 6, Moscow, U.S.S.R.

KA DELL, HAROLD W. (A'29), 6643 N. Maplewood Ave., Chicago, Ill.

KADOW, ARTHUR C. (A'30), Proprietor, Kadow Radio Sound Service, 7 S. Spring St., Elgin, Ill.

KADRI, SYED S. (A'36), International House, Chicago, Ill.

KAETEL, HERBERT C. (J'27-A'30), Supervisor, Repair Department, Centralab Division, Globe-Union Manufacturing Company, 900 E. Keefe Ave., Milwaukee, Wis. For mail: 2928 W. Wells St., Milwaukee, Wis.

KAHL, MAURICE I. (A'36-M'37), Radio Tube Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 4 E. Sixth St., Emporium, Pa.

KAHN, ALFRED (A'31), Laboratory Technician, RCA Communications, Inc., 66 Broad St., New York, N.Y. For mail: 132-48-114th St., Ozone Park, L.I., N.Y.

KAHN, EDGAR C. (A'35), Student, RCA Institutes, New York, N.Y. For mail: 259 Bedford Ave., Mount Vernon, N.Y.

KAHN, LAMOS (A'27), Buyer and Manufacturer, Radio, Tube, and Public Address Departments, Herris Kahu, 8401 Buffalo Ave., South Chicago, Ill. For mail: 7850 S. Shore Dr., South Chicago, Ill.

KAHN, LOUIS (A'31), Assistant Transmitter Engineer, Radio Receptor Company, 106 Seventh Ave., New York, N.Y. For mail: 110 Valentine St., New Brunswick, N.J.

KAHN, P. O. (A'30), Cie. Des Lampes, 29 Rue De Lisbonne, Paris, France.

KALB, ROBERT M. (A'30), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.

KALISH, AARON (A'35), Radio Mechanic, New York Police Department, New York, N.Y. For mail: 1342 E. 18th St., Brooklyn, N.Y.

KALV, PAUL D. (A'36), 18 W. 65th St., New York, N.Y.

KAMAT, V. Y. (A'35), Chief Sound Engineer, Bhavé Sound Studio, Bhandup, Bombay, India. For mail: 98 Hindu Colouy, Dadar, Bombay 14, India.

KAMMERER, FRED W. (A'35), Engineer, Research Department, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.

KANAYAMA, TOYOSAKU (A'29), Radio Engineer, Broadcasting Corporation of Japan, Hibiya Park, Tokyo, Japan. For mail: Nippon Hoso Kyokai, Hibiya Park, Tokyo, Japan.

KANDOIAN, ARMIG G. (S'35-A'36), Engineer, Federal Telegraph Company, 200 Mount Pleasant Ave., Newark, N.J.

KANITKAR, GOPAL C. (A'35), Electrical and Sound Engineer, Saraswati Cinerone Company, Vir Baug, Shankar Shet Rd., Poona, India.

KANNENBERG, WALTER F. (A'25), Telephone Engineer, Bell Telephone Laboratories, Inc., Rm. 1108, 180 Varick St., New York, N.Y. For mail: 8 Addison Ave., Rutherford, N.J.

KANNENSTINE, FABIAN M. (A'16), Vice-President, Rosaire and Kannenstine, 2011 Esperson Bldg., Houston, Tex.

KANTEBET, SHANKAR R. (A'25-M'31), Engineer-in-Chief, Installation and Projects, Indian Radio and Cable Communication Company, Ltd., Radio House, Apollo Bunder, Bombay, India.

KAPLAFKA, GEORGE A. (A'36), Radio Technician, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 261 E. Sixth St., Box 23, Emporium, Pa.

KAPLOWITZ, MORRIS (A'36), Chief Engineer, Federal Stamping and Engineering Cor-

- poration, 25 Lafayette St., Brooklyn, N.Y.
For mail: 920 St. Marks Ave., Brooklyn, N.Y.
- KARKER, EARL C.** (A'36), Instructor in Electricity, Rochester Mechanics Institute, Plymouth and Broad St., Rochester, N.Y.
- KARNS, MELVIN E.** (A'35), Foreign Licensee Service, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J.
- KARPLUS, EDUARD** (A'31), Engineer, General Radio Company, 30 State St., Cambridge, Mass.
- KASERMAN, FRANK S.** (A'31), Assistant Radio Engineer, Engineer-in-Charge of Radio Laboratory, U. S. Lighthouse Service, 3760 E. Jefferson Ave., Detroit, Mich.
- KATO, YASUTARO** (A'27), Radio Engineer, Japan Wireless Telegraph Co., Ltd., 2 Banchi 2-chome, Otemachi, Kojimachi, Tokyo, Japan. For mail: 27 Hikawa, Nakano-Ku, Tokyo, Japan.
- KATZ, LEO** (S'36), Student, Lawrence Institute of Technology, Highland Park, Mich. For mail: 13130 Lawton, Detroit, Mich.
- KATZIN, MARTIN** (J'27-A'29), Engineer, RCA Communications, Inc., 140 Moriches Rd., Riverhead, L.I., N.Y.
- KAUFMAN, ARTHUR W.** (J'27-A'30), Repairman, Pacific Telephone and Telegraph Company, 333 Grant Ave., San Francisco, Calif. For mail: "Oak Glen," Olympia, Calif.
- KAUFMAN, JACK** (A'30), Vice-President, Heintz and Kaufman, Ltd., South San Francisco, Calif. For mail: 311 California St., San Francisco, Calif.
- KAUFMAN, JOSEPH** (M'30), Director of Education, National Radio Institute, 16th and U Sts., Washington, D.C.
- KAUL, JAINATH** (A'35), c/o P. N. Kaul, Settlement Officer, Jaipur, (Rajputana), B.B. C.I. Bly, India.
- KAUZMANN, ALBERT P.** (A'36), Development Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- KAWAHARA, TAKEWO** (A'25), Radio Engineer, Musenka Komukyoku, Ministry of Communications, Tokyo, Japan.
- KAWAKAMI, JUNJIRO** (A'32), Assistant Engineer, Japan Broadcasting Corporation, Kagoshima-Hosokyoku, Kagoshima, Japan.
- KAYE, J. BLAMIRE** (A'35), Engineer, International Standard Electric Corporation, Connaught House, 63 Aldwych, London, W.C. 2, England.
- KAYNER, HARRY J.** (A'30), Radio Engineer, Belmont Radio Corporation, 1267 W. Fullerton Ave., Chicago, Ill. For mail: 1414 E. 55th St., Chicago, Ill.
- KAYSER, HERBERT** (J'15-A'17), De Juramco Corporation, 95 Morton St., New York, N.Y. For mail: 70 Reyam Rd., Lynbrook, L.I., N.Y.
- KEACHIE, JAMES H.** (A'36), Field Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: Apt. 492, Bristol and M Sts., Philadelphia, Pa.
- KEALY, DALE** (J'36), Student, RCA Institutes, Inc., Merchandise Mart, Chicago, Ill. For mail: 1401 E. 55th St., Chicago, Ill.
- KEAR, FRANK G.** (A'24-M'31), Radio Engineer, Washington Institute of Technology, McLachlen Bldg., Washington, D.C. For mail: 5425 Connecticut Ave., N.W., Washington, D.C.
- KEARNEY, HENRY B.** (A'31), Radio Serviceman, For mail: 1205 Logan Ave., Tyrone, Pa.
- KEARNEY, L. E.** (A'28), Inspector-in-Charge, Federal Communications Commission, U. S. Customhouse, Philadelphia, Pa. For mail: 4046 Maywood St., Philadelphia, Pa.
- KEELER, CLARENCE E.** (A'33), Assistant Radio Engineer, United American Bosch Corporation, Springfield, Mass. For mail: 59 Fairfield St., Springfield, Mass.
- KEELING, CHARLES H.** (A'31), Commercial Manager, Furzehill Laboratories, Boreham Wood, Elstree, Herts., England. For mail: 8 Tenison St., London, S.E. 1, England.
- KEEN, ALLAN W.** (A'36), Technician, Tube Application Department, Hygrade Sylvania Corporation, Emporium, Pa.
- KEBSEY, EDWARD R.** (A'36), Naval Radio Station, Guam, M.I.
- KEIJI, SUZUKI** (A'35), Radio Engineer, JOJK, Broadcasting Corporation of Japan, Nonoichi-hosojo, Nr. Kanazawa, Ishikawa-ken, Japan.
- KEIM, DAVID Y.** (A'36), Electrical Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 229 W. Fifth St., Emporium, Pa.
- KEIM, J. D.** (A'25), Proprietor, Old Colony Appliance Company, 31 Bedford St., Boston, Mass. For mail: 349 Warren St., Needham, Mass.
- KELL, RAY D.** (A'35), Television Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 226 Avondale Ave., Haddonfield, N.J.
- KELLER, ARTHUR C.** (A'36), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- KELLER, OTTO** (A'36), Mercury-Arc Rectifier Division, Allis-Chalmers Manufacturing Company, Milwaukee, Wis. For mail: 1450 S. 72nd St., West Allis, Wis.
- KELLEY, ELTON K.** (A'36), Vacuum Tube Design Engineer, RCA Manufacturing Company, Inc., Radiotron Division, Harrison, N.J. For mail: 4 Tuxedo Rd., Glen Ridge, N.J.
- KELLEY, GEORGE W. JR.** (A'14), Radio Engineer, Navy Department, Bureau of Engineering, Washington, D.C. For mail: 3 Taylor St., Chevy Chase, Md.
- KELLEY, LEO A.** (A'27), Consulting Engineer, 3421-80th St., Jackson Heights, L.I., N.Y.
- KELLEY, WESLEY V.** (A'35), Kelley Sound Service, 614 Schiller Ct., Madison, Wis.
- KELLIHER, JOHN E.** (A'29), Radio Service, Sherman Clay and Company, 89 S. First St., San Jose, Calif. For mail: 398 N. Eighth St., San Jose, Calif.
- KELLOGG, WALTER D.** (A'25), Engineer-in-Charge, KGO, General Electric Company, Oakland, Calif. For mail: 5157 Golden Gate Ave., Oakland, Calif.
- KELLY, CHARLES M., JR.** (A'12), Engineer, Guided Radio Corporation, 420 Lexington Ave., New York, N.Y. For mail: 37 Albermarle Ave., New Rochelle, N.Y.
- KELLY, MERVIN J.** (M'25), Vacuum Tubes and Transmission Instruments, Director, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- KELLY, ROBERT P.** (A'32), Box 27, Mobile, Ala.
- KELSEY, ELIZABETH L.** (A'30), Engineer, Zenith Radio Company, 680 N. Michigan Ave., Chicago, Ill. For mail: 1300 N. Dearborn St., Chicago, Ill.
- KELTERBORN, WALDEMAR H.** (A'27), Radio Tube Engineering Department, Canadian Westinghouse Company, Ltd., Aberdeen Ave., Hamilton, Ont., Canada.
- KENNEDY, DOUGLAS** (A'36), Los Angeles Junior College, Los Angeles, Calif.
- KENNEDY, E. DONALD** (A'32), Graduate Assistant, Engineering Department, Rutgers University, New Brunswick, N.J.
- KENNEDY, FRANK M.** (A'31), Development Engineer, Don Lee Broadcasting System, Seventh and Bixel Sts., Los Angeles, Calif. For mail: Witmer Manor Apts., 231 S. Witmer St., Los Angeles, Calif.
- KENNEDY, M. F.** (A'30), Engineer-in-Charge, Firestone Plantations Company, Monrovia, Liberia. For mail: Mount View, Janesboro Ave., Limerick, Irish Free State.

KEN-KIN

- KENNEDY, WILLIAM A.** (A'36), Commercial Technical Engineer, New York Edison Company, Inc., Rm. 851 S., 4 Irving Pl., New York, N.Y. For mail: Apt. 6 R, 34 Hillside Ave., New York, N.Y.
- KENNEL, RICHARD J. W.** (M'34), Chief Engineer, New System Telephones Party, Ltd., 278 Castlereagh St., Sydney, Australia.
- KENNELLY, ARTHUR E.** (A'12-M'13-F'28), Professor Emeritus, Harvard University and Massachusetts Institute of Technology, Cambridge, Mass.
- KENNESON, HARVEY C.** (S'36), Student, University of Maine, Sigma Nu House, Orono, Maine. For mail: 102 Dartmouth St., Portland, Maine.
- KENNEY, MAHLON W.** (M'28), Director of Engineering, General Household Utilities Company, 2638 N. Pulaski Rd., Chicago, Ill. For mail: 800 N. Elmwood Ave., Oak Park, Ill.
- KENRICK, GLEASON W.** (A'23-M'29-F'33), Professor, University of Puerto Rico, Rio Piedras, P. R.
- KENNY, MATTHEW** (A'15), Chief Radio Electrician, Planning Section, Navy Yard, Boston, Mass.
- KENT, GEORGE C.** (A'36), Proprietor "The Spy House" Shop, Box 84, Hurley, N.Y.
- KENTNER, CARROLL D.** (A'35), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 1107 Park Ave., Collingswood, N.J.
- KENYON, HARRY S.** (A'33), Engineer, Simplex Radio Company, Sandusky, Ohio. For mail: R.D. 1, Berlin Heights, Ohio.
- KEOGH, RAYMOND J.** (A'30), Radio Engineer, Sears, Roebuck and Company, 925 S. Homan Ave., Chicago, Ill.
- KERKHOF, LEO M.** (A'36), Test and Inspection, Remler Radio Company, Ltd., 2101 Bryant St., San Francisco, Calif. For mail: 146 Noe St., San Francisco, Calif.
- KERR, ALFRED D.** (A'36), Transmitter Engineer, 3BA, 56 Lydiard St., N., Ballarat, Victoria, Australia. For mail: 1214 Sturt St., Ballarat, Victoria, Australia.
- KERR, DONALD E.** (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: M.I.T. Dormitories, Cambridge, Mass.
- KERWIEN, ARTHUR E., JR.** (A'29), Bell Telephone Laboratories, Inc., Deal, N.J.
- KHANDHAR, JAGMOHANDAS P.** (A'35), Traction Substation Operator, G.I.P. Railroad, Thana, India. For mail: Prem-Kunj, Upashraya Rd., Ghtkopar, Bombay, India.
- KIBLER, PAUL J.** (S'35), Development Engineer, National Carbon Company, Inc., Fostoria, Ohio. For mail: 1493 Lauderdale Ave., Lakewood, Ohio.
- KIDD, GEORGE B.** (A'36), Assistant Engineer, Development Division, Anaconda Wire and Cable Company, Hastings-on-Hudson, N.Y. For mail: 710 Warburton Ave., Yonkers, N.Y.
- KIEBERT, MARTIN P.** (A'31), Consulting Engineer, Wallace and Kiebert, For mail: 66 Cobb Bldg., Seattle, Wash.
- KIERNAN, EARL F.** (J'22-A'24), Development Engineer, Inca Manufacturing Division, Phelps Corporation, Dodge Copper Products, 2375 E. 27th St., Los Angeles, Calif. For mail: 3039 Illinois Ave., South Gate, Calif.
- KIERULFF, WILLIAM E.** (A'30-M'30), Mechanical Engineer, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio.
- KIEVIT, BEN** (M'34), Supervisor, Tube Application Department, Hygrade Sylvania Corporation, Emporium, Pa. For mail: Box 203, Emporium, Pa.
- KIKUTANI, HIDEO** (A'35), Radio Engineer, Tokyo Toshi Teishinkyoku, Komuka, Department of Communications, No. 2, Aoicho, Akasaka-ku, Tokyo, Japan. For mail: No. 47, Shiomi-ga-oka-cho, Chiba-shi, Japan.
- KILGORE, G. ROSS** (A'30), Research Engineer, RCA Radiotron Division, Harrison, N.J.
- KILGOUR, CHARLES E.** (A'25-M'30), Chief Research Engineer, Crosley Radio Corporation, Colerain and Arlington Sts., Cincinnati, Ohio. For mail: 345 McAlpin Ave., Cincinnati, Ohio.
- KILHEFFER, LAWRENCE D.** (A'31), Standards Laboratory, Frigidaire Division, General Motors Corporation, Taylor St., Dayton, Ohio. For mail: 1525 Coventry Rd., Dayton, Ohio.
- KILMER, THERON W., JR.** (A'25), Central Radio and Electronics Company, 310 Hempstead Tpke., West Hempstead, L.I., N.Y.
- KIMBALL, CHARLES N.** (A'34), Engineer, RCA License Laboratory, 711 Fifth Ave., New York, N.Y.
- KIMBALL, HARRY R.** (A'35), Sound Engineer, Metro-Goldwyn-Mayer Studios, Culver City, Calif. For mail: 3847 Goldwyn Ter., Culver City, Calif.
- KIMBERLY, HERBERT D.** (A'30), Chief Operator, KFAB, KFAB Broadcasting Company, Hotel Lincoln, Lincoln, Neb. For mail: 1222 Nelson St., Lincoln, Neb.
- KIMPARA, ATSUSHI** (A'25), Radio Engineer, Radio Branch, Ministry of Communications, Tokyo, Japan. For mail: Radio Branch, Komuka, Tokyo-Teishinkyoku, Tokyo, Japan.
- KIMURA, ROKURO** (A'30), Radio Engineer, Electrotechnical Laboratory, Ministry of Communications, Gotanda, Shinagawa, Tokyo, Japan.
- KINASE, MATSUNAGA** (M'25), Laboratory, Japanese Broadcasting Corporation, Kinutamura, Near Tokyo, Japan.
- KING, ARCHIE P.** (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 92 Hudson Ave., Red Bank, N.J.
- KING, GARY J., JR.** (A'30), Captain, Signal Corps, U. S. Army; Instructor, Department of Chemistry and Electricity, U. S. Military Academy, West Point, N.Y.
- KING, HENRY F.** (A'34), Research Associate, Rm. 1-131, Massachusetts Institute of Technology, Cambridge, Mass.
- KING, KENNETH L.** (A'35), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- KING, LOREN E.** (S'35), 4833 Edmonton Ave., Detroit, Mich.
- KING, PAUL B., JR.** (S'32-A'35), Student, Cruft Laboratory, Harvard University, Cambridge, Mass. For mail: 71 Langdon Ave., Watertown, Mass.
- KING, RONALD W. P.** (A'30), Assistant Professor of Physics, Lafayette College, Easton, Pa.
- KING, WALTER M.** (A'30), Staff Operator and Engineer, Tropical Radio Telegraph Company, La Lima, Honduras.
- KING, YEN-CHAO** (A'33), Radio Engineer, Electrotechnical Laboratory, National Resources Commission, Nanking (8), China.
- KINGSLEY, RALPH J.** (A'32), Chief Engineer, WHEN, Buffalo Evening News, Hotel Statler, Buffalo, N.Y. For mail: 236 Sanders Rd., Buffalo, N.Y.
- KINLEY, CLIFFORD B.** (A'26), Assistant Radio Engineer, Office of Chief Signal Officer, War Department, Munitions Bldg., Washington, D.C. For mail: 2700 Q St., N.W., Washington, D.C.
- KINMAN, THOMAS H.** (M'29), Engineer, Research Laboratory, British Thomson Houston Company, Ltd., Rugby, Warwick, England. For mail: 111, Bilton Rd., Rugby, Warwick, England.
- KINN, THEODORE P.** (A'36), Radio Engineer, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass.
- KINNEY, GILBERT F.** (A'35), Instructor in Chemistry, Pratt Institute, Brooklyn, N.Y.
- KINNIER, DONALD** (A'30), Radio Engineer, Philco Radio and Television Corporation,

- Philadelphia, Pa. For mail: 826 E. Dorset St., Philadelphia, Pa.
- KINOSHITA, SEIJI** (A'31), Sub Chief Engineer, JOFK, Hiroshima Broadcasting Station, Hiroshima, Japan. For mail: 484th Ushida, Hiroshimashi, Hiroshima Prefecture, Japan.
- KINSMAN, WARREN D.** (A'28), Radio Test and Test Equipment, Westinghouse Electric and Manufacturing Co., Chicopee Falls, Mass. For mail: 53 William St., Chicopee Falls, Mass.
- KIRBY, SAMUEL S.** (A'27), Associate Physicist, National Bureau of Standards, Washington, D.C.
- KIRCHER, REYMOND J.** (A'30), Engineer, Bell Telephone Laboratories, Inc., Deal, N.J.
- KIRDAHY, EMIL** (A'29), 211 Smith St., Brooklyn, N.Y.
- KIRK, JOHN W., JR.** (S'36), Student, Ohio University, Athens, Ohio. For mail: 1624 Lynn St., Parkersburg, W.Va.
- KIRK, WILLIAM C.** (A'36), 5 E. Wilmot Ave., Llanerch, Upper Darby, Pa.
- KIRKE, HAROLD L.** (M'25), Head of Research Department, British Broadcasting Corporation, Research Station, 42 Nightingale Sq., Bolton, London, Div. 12, England.
- KIRKLAND, ROBERT D.** (A'31), Assistant Division Engineer, Mackay Radio and Telegraph Company, 22 Battery St., San Francisco, Calif.
- KISHPAUGH, ARTHUR W.** (A'20-M'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 10 Yale Ter., West Orange, N.J.
- KISTLER, ROY E.** (A'35), Engineer, Pacific Telephone and Telegraph Company, 820 Fairview N., Seattle, Wash.
- KITCHIN, HOWARD W.** (A'14-M'26), Lieutenant Commander, U. S. Navy, Radio Station, Puget Sound, Navy Yard, Bremerton, Wash.
- KITCHIN, JAMES E.** (A'28), Government Radio Inspector, Dominion of Canada, 207 W. Hastings St., Vancouver, B.C., Canada. For mail: 2823 W. 38th Ave., Vancouver, B.C., Canada.
- KITCHING, FRANK O.** (A'36), Proprietor, 429 Staniorth Rd., Sheffield, 9, Yorks., England.
- KIYOTA, Y.** (A'36), Radio Engineer, Japan Wireless Telegraph Company, Nisshin Bldg., 2-chome, Otemachi, Tokyo, Japan.
- KJELDSEN, T. F.** (A'31), Consulting Engineer, Ejderstedgade 16 St., Copenhagen, V., Denmark.
- KLAPPERICH, ALFRED J.** (A'33), Research Physicist, Peoples Gas Light and Coke Company, 122 S. Michigan Ave., Chicago, Ill. For mail: 412 Central Ave., Wilmette, Ill.
- KLAUS, ERNST** (A'33), Engineer, III, Lorbeggasse 15, Wien, Austria.
- KLEBANOFF, JAKE H.** (S'35), Assistant Engineer, Franks Contracting Company, 260 California St., San Francisco, Calif. For mail: R.R. 2, Box 245, Petaluma, Calif.
- KLEIN, NORMAN E.** (A'36), Radio Engineer, United Air Lines, 5936 S. Cicero Ave., Chicago, Ill.
- KLEIN, RENE H.** (M'20), 18 Credition Hill, W. Hampstead, London, N.W. 6, England.
- KLEINKAUF, JAMES D.** (J'30-A'32), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- KLINGE, FREDERICK S.** (S'33-A'35), Operations Engineer, RCA Communications, Inc., New Brunswick, N.J. For mail: 18 Harvard Ave., Maplewood, N.J.
- KLINESTIVER, GORDON H.** (A'36), Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: Box 325, Emporium, Pa.
- KLINGELHOEFFER, ROYDEN H.** (A'31), Manager, International Resistance Company, Ltd., 187 Duchess St., Toronto, Ont., Canada.
- KLINKE, HENRY O.** (A'36), Welding Control Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 560 W. 113th St., New York, N.Y.
- KLIPSCH, PAUL W.** (A'34), Geophysicist, Independent Exploration Company, 2011 Esplanade Bldg., Houston, Tex.
- KLUMB, HARVEY J.** (A'26), Director, Electric Laboratory, Rochester Gas and Electric Corporation, 89 East Ave., Rochester, N.Y.
- KNAACK, FRANK E.** (A'26), Assistant Technical Supervisor, WMCA, Knickerbocker Broadcasting Company, Inc., 1697 Broadway, New York, N.Y. For mail: R.R. 61, Spring Valley, N.Y.
- KNAP, HENRY B.** (A'36), Service Manager, Stromberg-Carlson Telephone Manufacturing Company of Canada, Ltd., 211 Geary Ave., Toronto, Ont., Canada. For mail: 374 Brunswick Ave., Toronto 4, Ont., Canada.
- KNAPP, JOSEPH F.** (A'25), Vice-President, Publication Corporation, 580 Fifth Ave., New York, N.Y.
- KNIFE, WILLIAM J.** (A'36), Engineer, Lincoln Amplified Music, 2125 Superior St., Cleveland, Ohio. For mail: 7602 Home Ct., Cleveland, Ohio.
- KNIGHT, SIDNEY G.** (A'26), Standard Telephones and Cables, Ltd., Oakleigh Rd., New Southgate, London, N., England.
- KNIPP, A. R.** (M'35), Lingnan University, Canton, China.
- KNIPP, CHARLES T.** (M'25), Professor of Experimental Electricity, Department of Physics, University of Illinois, Urbana, Ill.
- KNOBLAUGH, ARMAND F.** (A'33), Research Engineer, The Baldwin Company, Gilbert Ave. and Eden Park Entrance, Cincinnati, Ohio.
- KNOCHEL, WILLIAM J.** (A'36), Transmitting Tube Development Engineer, Westinghouse Lamp Company, Bloomfield, N.J. For mail: 493 Stuyvesant Ave., Irvington, N.J.
- KNOOP, WILLIAM A.** (A'34), Television Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- KNOPOW, JOE J.** (S'36), Student, University of Wisconsin, Madison, Wis. For mail: 215 S. Bassett St., Madison, Wis.
- KNOUF, RALPH J.** (A'26-M'33), Engineer, Transformer Corporation of America, Ogden and Keeler Aves., Chicago, Ill. For mail: 229 N. Kensington Ave., La Grange, Ill.
- KNOUSE, JOSEPH J.** (A'34), Radio Tube Engineer, Ken-Rad Radio Tube Corporation, Owensboro, Ky. For mail: Rudd Hotel, Box 449, Owensboro, Ky.
- KNOWLES, HUGH S.** (A'25), Chief Engineer, Jensen Radio Manufacturing Company, 6601 S. Laramie Ave., Chicago, Ill. For mail: 6033 Kimbark Ave., Chicago, Ill.
- KNOWLES, J. G.** (A'26), Civil Service, Lochyards, 54 Newark St., Greenock, Scotland.
- KNOX, JAMES B.** (A'34), Tester, Radio Transmitter Laboratory, Standard Telephones and Cables, Ltd., Oakleigh Rd., New Southgate, London, N., England. For mail: 28 Manor Ct., York Way, Oakleigh Rd., Whetstone, London, N. 20, England.
- KNOX, MARTIN E.** (A'31), Radio Maintenance Engineer, Northwest Airlines, Inc., Holman Municipal Airport, St. Paul, Minn. For mail: 4203 Fifth Ave., South, Minneapolis, Minn.
- KNUBBE, HAROLD H.** (A'34), Assistant Chief Engineer, Sparks Withington Corporation, Radio Division, Jackson, Mich. For mail: 600 Greenwood Pl., Jackson, Mich.
- KNUTSON, HENRY C.** (A'30), Assistant Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa.
- KOBAYASHI, M.** (A'27), Radio Engineer, Nippon Musen Denshin Kaisha, Shutchojo, Oyama, Tochigiken, Japan.

KOC-KRE

- KOCH, J. WESLEY (S'33-A'36), Chief Engineer, KFEQ, St. Joseph, Mo.
- KOCH, WINFIELD R. (A'26), Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- KOEBLITZ, BERT H. (A'32), Radio Engineer, WHK, Radio Air Service Corporation, 1311 Terminal Tower, Cleveland, Ohio. For mail: 17004 Sedalia Ave., Cleveland, Ohio.
- KOECHTEL, WALTER P. (A'22), Head of Quality Department, Tungsol Radio Tube, Inc., Orange and First Sts., Newark, N.J. For mail: Apt. 3C, 65 Bergen Ave., Ridgefield Park, N.J.
- KOEHLER, GLENN (A'27), Assistant Professor of Electrical Engineering, Electrical Laboratory, University of Wisconsin, Madison, Wis.
- KOERNER, CARL T. (A'34), Engineer, Hearst Radio, Inc., Box 191, Redwood City, Calif. For mail: Route 1, Box 379B, Menlo Park, Calif.
- KOERNER, LAWRENCE F. (A'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- KOPES, ALBERT (M'36), Scientific Engineer, Reichs-Rundfunk Gesellschaft, Berlin, Charlottenburg, Germany. For mail: Berlin, Charlottenburg, Kaiserdamm 32, Germany.
- KOHL, WALTER H. (A'35), Research Physicist, Rogers Radio Tubes, Ltd., 100 Stetling Rd., Toronto, Ont., Canada. For mail: 194 Indian Rd., Toronto, Ont., Canada.
- KOHLER, ERNEST, JR. (A'31), Commercial Engineer, Ken-Rad Tube and Lamp Corporation, 2400 Sheffield Ave., Chicago, Ill. For mail: 6028 Kimbark Ave., Chicago, Ill.
- KOHLER, HANS W. (A'34), Electrical Engineer, Luckenbach and Company, 3220 Tibbett Ave., Bronx, N.Y.
- KOHNO, SITIRO (A'31), Radio Engineer, JOIK, Sapporo Broadcasting Station, Tukisappu, nr. Sapporo, Hokkaido, Japan.
- KOLKS, RICHARD H. (A'29), Electrical Engineer, Union Gas and Electric Company, Cincinnati, Ohio. For mail: 2311 Muriel Ct., Cincinnati, Ohio.
- KOLO, ROY E. (A'27), Transmission Engineer, Cincinnati and Suburban Bell Telephone Company, Cincinnati, Ohio. For mail: 50 Lockwood Ave., Fort Thomas, Ky.
- KOLSTER, CHARLES C. (M'28), Inspector-in-Charge, First Radio District, Federal Communications Commission, Boston, Mass. For mail: 18 Farragut Ave., Somerville, Mass.
- KOLSTER, FREDERICK A. (A'12-M'13-F'16), International Telephone and Telegraph Corporation, 67 Broad St., New York, N.Y.
- KOMM, PAUL M. (A'36), Electrical Engineer, Stewart-Warner Corporation, 1825 Diversity Pkwy., Chicago, Ill. For mail: 6533 W. 26th Pl., Berwyn, Ill.
- KONG, YUMON (A'33), c/o Sing Kee Chong Bank, 189 Tai Von Rd., East, Canton, China.
- KONKLE, PHILIP J. (A'28), Philco Radio and Television Corporation, Philadelphia, Pa. For mail: 3224 Stanwood St., Philadelphia, Pa.
- KONTESCHWELLER, MIHAI (A'32), Chief Radio Department, Arsenal Ministry of National Defense, Arsenalul Geniului Bucuresti, Soseaua Tudor Vladimirescu 53, Rumania. For mail: Parcul Principei Carol, Str. I, No. 6, Bucarest, Rumania.
- KOONTZ, KENNETH K. (A'36), 77 Richmond Ave., Buffalo, N.Y.
- KOONZ, JOHN C. (A'35), Manager, Etched and Printed Glass Dial Division, Magnavox Company, Fort Wayne, Ind.
- KOREKODA, MASARU (A'24), Radio Operator, JOJK, Nonoichi-cho, Kanazawa-shigai, Japan.
- KORNTVED, GEORGE W. (A'36), Chief Engineer, Radio Interference Engineering Bureau, 112 W. Ninth St., Los Angeles, Calif. For mail: 1714-A Gillette Cres., South Pasadena, Calif.
- KORPER, GEORGE W., JR. (A'36), Importer, 527 Fifth Ave., New York, N.Y. For mail: 23 W. 73rd St., New York, N.Y.
- KORTS, HERBERT G. (A'34), Technician, WEBB, Inc., 23 North St., Buffalo, N.Y. For mail: 368 Bird Ave., Buffalo, N.Y.
- KOS, SIMON F. (M'19), Radio Engineer, Engineering Department, General Post Office, Pretoria, South Africa.
- KOSHIKAWA, AKIJIRO (A'30), Radio Engineer, JOIK, Sapporo Central Broadcasting Station, Near Sapporo City, Japan.
- KOTERA, WILLIAM J. (A'27), Chief Engineer, WOW, Omaha, Neb.
- KOUCHNERKAVICH, THOMAS A. (A'30), Assistant Radio Engineer, U. S. Army, Signal Corps, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- KOVACS, STEPHEN (A'36), Corporate President, School of Communication Engineering, 207 Market St., Newark, N.J. For mail: 268 Sumpter St., Brooklyn, N.Y.
- KOWALSKI, CARL A. (S'33), Student, Purdue University, West Lafayette, Ind. For mail: 1239 Kinsmoor Ave., Fort Wayne, Ind.
- KOZAKEWICZ, BOLISH J. (A'36), Instructor, U. S. Marine Corps Telephone Electricians School, First Signal Company, Marine Barracks, Quantico, Va.
- KOZANOWSKI, HENRY N. (A'34), Research Engineer, Television, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 120 E. Palmer Ave., Collingswood, N.J.
- KRAEMER, GERARD I. (M'30), Owner, Etablissements G. Kraemer, 16 Rue De Chateaudun, Asnieres, Seine, France.
- KRAHL, WALTER L. (M'28), Division Engineer, Hygrade Sylvania Corporation, Loring Ave., Salem, Mass. For mail: 31 Stanley Rd., Beach Bluff, Mass.
- KRAMER, ANDREW W. (A'27), Associate Editor, *Power Plant Engineering*, 53 W. Jackson Blvd., Chicago, Ill. For mail: 7929 Harvard Ave., Chicago, Ill.
- KRAMER, F. STANLEY (S'36), Observer, Geophysical Research Corporation, Tulsa, Okla. For mail: 808 Carquizez Way, Martinez, Calif.
- KRANTZ, CHANNING H. (S'34-A'36), Draughtsman, Southern California Edison Company, Ltd., 2306 E. Orange St., Alhambra, Calif. For mail: 329 Lexington Ave., El Monte, Calif.
- KRANZ, FRED W. (A'23), Quality Supervisor, Sonotone Corporation, 19 W. 44th St., New York, N.Y.
- KRANZ, HERMANN E. (M'23), Engineering Consultant, Engineering Bldg., 205 E. Wacker Dr., Chicago, Ill. For mail: 325 Cottage Hill Ave., Elmhurst, Ill.
- KRAUS, JOHN D. (A'32), Research Physicist, Department of Physics, University of Michigan, Ann Arbor, Mich. For mail: Arlington Blvd., Ann Arbor, Mich.
- KRAUSE, C. K. (A'30), Operating Engineer, Duquesne Light Company, 435 Sixth Ave., Pittsburgh, Pa. For mail: 1541 Princess Ave., Pittsburgh, Pa.
- KRAUTH, EDWIN A. (A'32), Radio Research Engineer, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- KREBS, WILLIAM N. (A'29), Radio Engineer, Telegraph Section, Federal Communications Commission, Washington, D.C. For mail: 2811 Chelsea Ter., Baltimore, Md.
- KREIS, ALBERT L. (A'32), Engineer, Baltimore Broadcasting Corporation, Keith Theatre Bldg., Baltimore, Md. For mail: 515 Register Ave., Anneslie, Baltimore County, Md.
- KRETSCHMAR, GEORGE G. (A'27), Professor of Physics, Walla Walla College, College Place, Wash.
- KREUZER, BARTON (A'29), Consulting Engineer, RCA Manufacturing Company, Inc., 411 Fifth Ave., New York, N.Y.

- KRIVITZKY, GEORGE (A'29), Chief Technician, WKBZ, Ashbaker Radio Corporation, Michigan Theatre Bldg., Muskegon, Mich. For mail: Box 156, Muskegon, Mich.
- KROGER, F. H. (M'13-F'28), Radio Engineer, RCA Communications, Inc., Rocky Point, L.I., N.Y.
- KRUMING, ADOLF O. (A'31), Graduate Student, McGill University, Montreal, Que., Canada. For mail: 456 Pine Ave., Apt. 20, Montreal, Que., Canada.
- KRUSE, CHARLES C. (A'36), 4461 N. 28th St., Milwaukee, Wis.
- KRUSE, O. SIGURD N. (A'30), Electrical Engineer, Telefonaktiebolaget L. M. Ericson, Döbelnsgatan 18, Stockholm, Sweden.
- KUCERA, FRANK L. (A'32), Technical-Commercial Engineer, Srodaworks, Ltd., Castle Mansions, Eloff St., Johannesburg, South Africa. For mail: Box 5625, Johannesburg, South Africa.
- KUDO, MOMOYUKI (A'36), Engineer-in-Charge, Nazaki Transmitting Station, Kokusai Denwa, Nazaki Yuki-gun, Ibaraki Pref., Japan.
- KUHLMAN, PAUL W. (A'34), Assistant Instructor, Air Corps Technical School, Department of Communication, Chanute Field, Rantoul, Ill. For mail: 216 Bodwell Ave., Rantoul, Ill.
- KUHN, ALFRED S. (A'12), President and Treasurer, H. Loeb and Company, Inc., 354 Fourth Ave., New York, N.Y. For mail: 25 E. 86th St., New York, N.Y.
- KULIKOWSKI, EDWIN F. (A'36), 482 Main St., Ansonia, Conn.
- KUMAGAI, TOSIRO (A'34), Engineer, Research Department, Kawanishi Kikai Seisakusho Company, Ltd., 5-1-chome, Wadaya-ma-dori, Kobe, Japan. For mail: 16, Nisomarucho, Saira, Kyoto, Japan.
- KUNC, FRANK (A'29), Engineer-in-Charge, H. O. Boehme, Inc., 117 E. 24th St., New York, N.Y.
- KUNICKY, BARNEY F. (A'29), Radio Technician, Barney's Radio Service, 251-28 Northern Blvd., Little Neck, L.I., N.Y. For mail: Box 3, Little Neck, L.I., N.Y.
- KUNINS, MORRIS K. (A'30), Radio Inspector, Inspector of Naval Material, Federal Bldg., Christopher St., New York, N.Y. For mail: 482 Fort Washington Ave., New York, N.Y.
- KURAMOCHI, SAJIU (A'25), Chief of Engineering Section, Kokusai Denwa Kaisha, Ltd., Osaka Bldg., Kojimachi Tokyo, Japan.
- KURDZIEL, JOHN F. (A'36), Hosiery Knitter, Rodgers Hosiery Company, Abbots Ford Rd. and Stenton Ave., Philadelphia, Pa. For mail: 3800 Archer St., Philadelphia, Pa.
- KUROSE, I. (A'36), Assistant Engineer, Wireless Engineering Division, Manshu Telephone and Telegraph Company, Hoten Central Telegraph Office, Hoten City, Manchukuo.
- KURRELMeyer, BERNHARD (M'36), Associate Professor of Physics, Brooklyn College, 80 Willoughby St., Brooklyn, N.Y.
- KURTZ, JACQUES A. (A'32), Electrical Department Manager, J. Kurtz and Sons, Inc., 773 Broadway, Brooklyn, N.Y. For mail: 97 Brooklyn Ave., Brooklyn, N.Y.
- KUSAMA, KANKITI (A'30), Radio Engineer, Engineering Department, Osaka Central Broadcasting Station, Hoensakacho, Higashiku, Osaka, Japan. For mail: 2-chome, Sinohara-Kitamati, Nadaku, Kobe, Japan.
- KUSICH, EDWARD A. (S'33-A'36), Laboratory Assistant, Ray Oil Burner Company, 401 Bernal Ave., San Francisco, Calif. For mail: R.R. 1, Box 996, Santa Clara, Calif.
- KUSUNOSE, YUZIRO (A'25), Radio Engineer, The Electro-Technical Laboratory, 5-chome Gotanda, Tokyo, Japan. For mail: 80 3-chome Denyenchofu, Tokyo, Japan.
- KUTHE, HERMAN K. (A'31), Engineer in Charge of Production, Tungsol Lamp Works, Inc., Division of Radio Tubes, Orange St., Newark, N.J. For mail: Box 16, Chatham, N.J.
- KUZELA, E. V. (A'36), Radio Development Engineer, Bell Telephone Laboratories, Inc., Whippany, N.J.

L

- LABIN, EMILE (A'36), Ancien Eleve de l'Ecole Polytechnique, Laboratoires Le Matériel Telephonique, 46 Avenue de Breteuil, Paris, France. For mail: 100 bis Rue du Cherche-Midi, Paris 6^e, France.
- LACK, FREDERICK R. (A'20), Vacuum Tube Development Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- LADNER, ALAN W. (A'23), Marconi Works, Chelmsford, Essex, England.
- LADNER, HENRY (A'31), Attorney, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y.
- LAFON, JUAN B. (A'33), Ingeniero-Jefe Radioestación Monte Grande, Transradio Internacional S.A., San Martin 329, Buenos Aires, Argentina.
- LA FORGE, LOUIS H., JR. (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: M.I.T. Dormitories, 411 Walcott, Cambridge, Mass.
- LAGASSE, ALBERT C. (A'29-M'36), Chief Engineer and Works Manager, Societe Anonyme Des Lampes Neotron, 3 Rue Gesnouin, Clichy Seine, France. For mail: 41 Allee Leon Gambetta, Clichy Seine, France.
- LAHMAN, WILFORD C. (A'36), Studio Engineer, National Broadcasting Company, Merchandise Mart, Chicago, Ill. For mail: 729 MacLean Ave., Kenilworth, Ill.
- LAIR, JACK R. (A'34), Research Engineer, Ace Cooperating Engineers, 1823 Carroll Ave., Chicago, Ill. For mail: 906 Wrightwood Ave., Chicago, Ill.
- LAIRD, JAMES N., JR. (J'36), Box 80, G.P.O., Box 80, New Plymouth, New Zealand.
- LAKATOS, EMORY (A'28), Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- LA KATOS, LOUIS L. (A'36), Standardization and Development, Standards Laboratory, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 5915 Chestnut St., Philadelphia, Pa.
- LA MARQUE, JAMES W. (A'24), Radio Sales Engineer, Graybar Electric Company, 180 Varick St., New York, N.Y. For mail: 199 Davis Ave., White Plains, N.Y.
- LA MARSH, JOSEPH E. (S'36), Electrical Engineer, Stewart-Warner Corporation, 1828 Diversey Pkwy., Chicago, Ill. For mail: 1247 E. 101st St., Cleveland, Ohio.
- LAMB, FRANCIS X. (A'36), Electrical Engineer, In Charge of Commercial Engineering Division, Electrical Engineering Department, Weston Electrical Instrument Corporation, 614 Frelinghuysen Ave., Newark, N.J.
- LAMB, JOHN M. (A'36), Development Engineer, Clarostat Manufacturing Company, Inc., 285 N. Sixth St., Brooklyn, N.Y. For mail: Box 1, Summit, N.J.
- LAMBERT, ELWYN G. (S'35), Electric Meterman, Pacific Gas and Electric Company, First and Washington Sts., Oakland, Calif. For mail: 1515 Henry St., Berkeley, Calif.
- LAMPKIN, G. F. (A'26), President, Lampkin Laboratories, Bradenton, Fla. For mail: Bradenton, Fla.
- LAMSON, HORATIO W. (A'15-M'27-F'33), Research Engineer, General Radio Company, 30 State St., Cambridge, Mass. For mail: 72 Oakland Ave., Arlington Heights, Mass.
- LANCASTER, EDGAR S. (A'33), Installation Engineer, Western Electric Company, Ltd., Bush House, Aldwych, London, England.

LAN-LEA

- For mail: 268 Osborne Rd., Hornchurch, Essex, England.
- LAND, JOHN R. (M'27)**, Telephone and Telegraph Department, Nukualofa, Tonga, Friendly Islands.
- LANDIS, HAROLD O. (A'32)**, Chief Engineer, Berks Broadcasting Company, Reading Broadcasting Company, 533 Penn St., Reading, Pa. For mail: 341 N. Front St., Reading, Pa.
- LANDMANN, ALEXANDER (A'34)**, Radio-Set Designer, The Gramophone Company, Ltd., Hayes, Middx., England. For mail: 1a Amherst Ave., Ealing, W. 13, London, England.
- LONDON, VERNON D. (A'27-M'29)**, Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J.
- LANDRY, LOUIS H. (A'36)**, Radio Serviceman, Gaumont Bros., 338 Merrimack St., Lowell, Mass. For mail: 486 Fletcher St., Lowell, Mass.
- LANDWEHR, IRVING H. (S'36)**, Student, Washington University, St. Louis, Mo. For mail: 4510 Marlboro Ct., Normandy, Mo.
- LANE, CHARLES V. (A'30)**, Assistant Signals Officer, Air Ministry, Signals Department, Croydon Airport, "Arnwood," Bradmore Way, Coulsdon, Surrey, England.
- LANE, FREDERIC A. (A'21)**, Engineering Department, American Gas and Electric Company, 30 Church St., New York, N.Y.
- LANE, HENRY M. (A'26-M'29)**, Instructor, Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 350 Lake St., Belmont, Mass.
- LANE, RICHARD F. (S'36)**, Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 7525 Morningside Dr., Washington, D.C.
- LANGDON, G. G. (A'28)**, American Gas and Electric Company, 30 Church St., New York, N.Y.
- LANGE, EDWARD H. (A'24)**, 4301 Maine Ave., Baltimore, Md.
- LANGLEY, RALPH H. (A'12-M'16-F'29)**, Consulting Engineer, 165 Broadway, New York, N.Y.
- LAPHAM, EVAN G. (A'31)**, Associate Radio Engineer, National Bureau of Standards, Department of Commerce, Washington, D.C.
- LAPORT, EDMUND A. (A'25-M'27)**, Radio Transmitter Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 501 Chews Landing Rd., Haddonfield, N.J.
- LAPORTE, I. MURILLO (A'34)**, Instructor, Electrical Division, Vocational High School, Edmundston, N.B., Canada. For mail: Box 310, Edmundston, N.B., Canada.
- LAPP, RUDOLPH S. (A'35)**, Electrical Engineer, Lapp Insulator Company, Inc., LeRoy, N.Y.
- LARIME, LOUIS H. (A'32)**, West Coast Technical Supervisor, Jam Handy Picture Service, Inc., 2841 E. Grand Blvd., Detroit, Mich. For mail: 1319 Burbank St., Alameda, Calif.
- LARSEN, HAROLD (A'32)**, Scientific Officer, British Air Ministry, Bawdsey Research Station, Bawdsey Manor, Woodbridge, Suffolk, England.
- LARSEN, CHRISTIAN J. (M'32)**, Transmission Engineer, Automatic Electric Company, 1033 W. Van Buren St., Chicago, Ill.
- LARSON, EUGENE P. (A'36)**, Engineer, Hygrade Sylvania Corporation, Emporium and St. Marys, Pa. For mail: 128 State St., St. Marys, Pa.
- LARSON, GILBERT C. (S'35)**, Radio Engineer, Buckley Radio Company, 1026 Pike St., Seattle, Wash. For mail: 4702 Thackeray Pl., Seattle, Wash.
- LARSON, HAROLD K. (S'36)**, Student, University of Washington, Seattle, Wash. For mail: 4318 Brooklyn Ave., Seattle, Wash.
- LARSON, LEON W. (A'36)**, Secretary-Treasurer, Coral Gables Radio, Inc., 2305 Ponce de Leon Blvd., Coral Gables, Fla.
- LARSON, ROBERT W. (A'29)**, Electrical Engineer, Vacuum Tube Engineering Department, General Electrical Company, Schenectady, N.Y.
- LASSMAN, HENRY H. (A'26)**, Director, H. H. Lassman, Ltd., 114 High St. N., East Ham, E. 6, England. For mail: "Mornington" 3, Overton Dr., Wanstead, E. 11, England.
- LATSHA, MILTON P. (A'36)**, Inspector, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: Apt. 176, Richfield Cottages, Richfield Rd. and Sansom St., Upper Darby, Pa.
- LATTEMANN, WILLI (A'36)**, Radio Engineer, Radio Engineering Department, General Electric Company, Schenectady, N.Y. For mail: 1660 Helderberg Ave., Schenectady, N.Y.
- LAUBE, HERBERT W. (A'31)**, Electrical Engineer, Western Electric Company, 100 Central Ave., Kearny, N.J. For mail: 120 S. Union Ave., Cranford, N.J.
- LAURIE, WILLIAM L. (A'24)**, Senior Technical Officer, Royal Canadian Signals, Department of National Defence, Elgin Bldg., Ottawa, Ont., Canada.
- LAVENDER, RAYMOND W. (S'33)**, Lavender's Radio Service, 268 River St., Troy, N.Y.
- LAW, RUSSELL R. (A'35)**, Electrical Engineer, Research and Development Department, RCA Radiotron Division, RCA Manufacturing Company, Inc., Harrison, N.J.
- LAWRENCE, EDWARD (A'31)**, Chief Engineer, Wireless Services, 56, Marchmont St., London, W.C. 1, England. For mail: 35, Bittacy Rise, Mill Hill, London, N.W. 7, England.
- LAWRENCE, HENRY E. (A'31)**, Professor of Physics, University of Rochester, River Campus, Rochester, N.Y.
- LAWRENCE, S. COPELAND (S'35)**, Engineer, Hydraulic Brake Company, 84 W. Hancock St., Detroit, Mich. For mail: 1288 Washington Ave., Lincoln Park, Mich.
- LAWRENCE, WALTER L. (A'29)**, Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- LAWSINE, LEO (A'35)**, Radio Service Engineer, New Rochelle, N.Y. For mail: c/o Y.M.C.A., 215 W. 23rd St., New York, N.Y.
- LAWSON, NELSON H. (A'36)**, Chief Engineer, WABI, Community Broadcasting Service, Inc., Brewer, Maine. For mail: 39 Washington St., Brewer, Maine.
- LAZICH, BRANKO (A'23)**, Electrical Engineer, Union Switch and Signal Company, Swissvale, Pa. For mail: Box 8323, Pittsburgh, 18, Pa.
- LEA, GEORGE (A'23)**, Assistant Maintenance Engineer, British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: Westbury, Swanley Bar La., Potters Bar, Middx., England.
- LEA, NORMAN (A'31)**, Engineer, Marconi's Wireless Telegraph Company, Ltd., Electra House, Victoria Embankment, London, W.C. 2, 37 Mount Cres., Brentwood, Essex, England.
- LEA, NORMAN J. (A'35)**, Geophysical Observer, The Texas Company, Box 2332, Houston, Tex. For mail: 810 N. Franklin St., Marshall, Tex.
- LEACH, HARVEY B. (A'27)**, Assistant Superintendent, Test Bureau, The New York Edison Company, Inc., 92 Vandam St., New York, N.Y. For mail: R.R. 2, Matawan, N.J.
- LEACH, HERBERT (A'32)**, Engineer and Technician, Royal Albert Institution, Ashton Rd., Lancaster, England. For mail: 22 Abbey Ter., Scotforth, Lancs., England.
- LEATHES, W. H. B. De M. (A'36)**, c/o Barclays Bank, Nairobi, Kenya Colony, British East Africa.

- LE BARRE, S. DAVID (A'35), Sound Engineer, KLA Laboratories, 536 E. Larned, Detroit, Mich. For mail: 1585 Hurlbut, Detroit, Mich.
- LEBEDEFF, GEORGE M. (A'36), Engineer, Heintz and Kaufman, Ltd., South San Francisco, Calif. For mail: 1747 Palm Ave., San Mateo, Calif.
- LEBEL, CLARENCE J. (J'25-A'27), Consulting Engineer, 440 Riverside Dr., New York, N.Y.
- LEBERT, ANDREW W. (A'33), Communication Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 35-35-168 St., Flushing, L.I., N.Y.
- LECCHI, P. A. (A'31), Monte Nero 38, Milano, Italy.
- LECHMAN, OTTO (A'33), Staff Sergeant, Radio, U. S. Army, Fort Mills, P.I.
- LEDERER, ERNEST A. (M'28), Research Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- LEDERHAUS, HERMAN W. (A'36), Engineer-in-Charge, H. W. Lederhaus and Company, 90-25-37th Ave., Jackson Heights, L.I., N.Y. For mail: 149-20-23rd Ave., Whitestone, L.I., N.Y.
- LEE, ALBERT G. (M'27-F'29), Engineer-in-Chief, General Post Office, London, E.C. 1, England.
- LEE, EMERY H. I. (A'18-M'23), Inspector-in-Charge, Federal Communications Commission, Engineering Department, Field Section, 1025 Federal Bldg., Detroit, Mich. For mail: 14943 Ward Ave., Detroit, Mich.
- LEE, REUBEN (A'32), Engineer, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass. For mail: 19 Harvard St., Springfield, Mass.
- LEE, SHEE M. (A'24), Director, Electrical Laboratory, Ministry of Communications, 145 Markham Rd., Shanghai, China. For mail: Sitang, Kashai, Chekiang, China.
- LEE, WILLIAM J. (A'25-M'26), Lieutenant Commander, Office of Chief of Naval Operations, Navy Department, Washington, D.C.
- LEECH, THOMAS D. (A'35), 47 Parsons Walk, Wigan, Lancs., England.
- LEEDS, LAURANCE M. (A'30), Radio Engineer, General Electric Company, Schenectady, N.Y.
- LEEDY, CARROLL E. (A'35), Transmitter Engineer, WWJ, Detroit *News*, Evening News Association, Lafayette and Second Aves., Detroit, Mich. For mail: 2174 Rosemont Rd., Berkeley, Royal Oak, Mich.
- LEEMAN, ALVIN (J'27-A'28), Chief Engineer, WKBH, Inc., 409 Main St., La Crosse, Wis. For mail: Box 499, La Crosse, Wis.
- LEHDE, PENDLETON E. (A'14-F'27), President, Electron Engineering Company, Inc., 1811 Masonic Temple, New Orleans, La.
- LEHNHOFF, RAYMOND G. (A'22), Head, Mathematics Department, Ohio Mechanics Institute, Central Pkwy. and Walnut St., Cincinnati, Ohio. For mail: 322 Joselin Ave., Cincinnati, Ohio.
- LEHR, RUDOLF (A'30), Chief Engineer and Director, Hochfrequenz Gesellschaft fuer Erforschung und Herstellung von Spezial-Nachrichtengeräeten m.b.H., Lenzkirch, Schwarzwald, Germany.
- LEIBE, FRANK A. (A'26), Engineer, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y. For mail: R.R. 3, Quakerstown, Pa.
- LEIBING, J. K. (A'23), R.R. 4, Box 150, Scotia, N.Y.
- LEIDY, WILMER J. (A'25), President, Chicago Transformer Corporation, 3501 Addison St., Chicago, Ill.
- LEIST, LOWELL G. (A'31), Rotary Electric Steel Company, Detroit, Mich. For mail: 20514 Omira Ave., Detroit, Mich.
- LEITCH, JOHN G. (M'36), Technical Supervisor, WCAU, 1622 Chestnut St., Philadelphia, Pa.
- LEMIEUX, CHARLES J. (A'31), Test Engineer, Detrola Radio Corporation, 3630 W. Fort St., Detroit, Mich. For mail: Apt. 105, 790-25th St., Detroit, Mich.
- LEMOINE, A. SIFFER (A'20), Director of Bureau, Royal Board of Telegraphs, Stockholm, Sweden. For mail: 17 Ynglingagatan, Stockholm, Sweden.
- LEMON, CECIL G. (A'36), Private Research Engineer, 19 Lena Gardens, Hammersmith, London, W. 6, England.
- LENDVAI, DESIDERIUS (A'33), United Incandescent Lamps and Electric Company, Ltd., Ujpest 4, near Budapest, Hungary.
- LENERT, ROBERT H., JR. (A'36), Radio Service Engineer, Navratil Music House, Brenham, Tex. For mail: 604 S. Market St., Brenham, Tex.
- LENHERT, GEORGE R., JR. (A'30), Technical Supervisor, WHAT, Independence Broadcasting Company, Philadelphia, Pa. For mail: 4013 Spring Garden St., Philadelphia, Pa.
- LENIGAN, THOMAS E. (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- LENT, WORTHINGTON C. (M'34), Radio Engineer, National Broadcasting Company, New York, N.Y.
- LEONARD, A. A. (A'30), Research Department, Philadelphia Storage Battery Company, Philadelphia, Pa. For mail: 150 Sylvania Ave., Glenside, Pa.
- LEONARD, E. SAMUEL (A'26), Engineer-in-Charge, Cleveland National Broadcasting Company, Inc., 1367 E. Sixth St., Cleveland, Ohio. For mail: 3581 E. Scarborough Rd., Cleveland, Ohio.
- LEONARD, SYDNEY L. (A'29), Chief of Test, Sterling Works, Ltd., Dagenham, Essex, England. For mail: 21, Essex Rd., Dagenham, Essex, England.
- LEOSER, THOMAS S. (A'23-M'30), Engineer, Pilot Radio Corporation, 36th St., Long Island City, L.I., N.Y. For mail: 30 Altamont Ct., Morristown, N.J.
- LEPPLE, HOWARD (S'34-A'36), Assistant Studio Supervisor, Crosley Radio, WLW, 3743 Taft Ave., Cheviot, Ohio.
- LERZA, FRANCIS F. (S'35), 902 E. Ohio St., Pittsburgh, Pa.
- LESLIE, FRANK (A'28), Engineer, Emerson Television and Radio Corporation, 111 Eighth Ave., New York, N.Y. For mail: 2 Horatio St., New York, N.Y.
- LESLIE, JOHN M. (A'27), Canadian Westinghouse Company, Ltd., 355 King St., W., Toronto, Ont., Canada.
- LETT, FREDERIC T. (A'33), Radio Production Engineer, Electrical and Musical Industries, Ltd., Hayes, Middx., England. For mail: "Joyral," Sykeings, Iver, Bucks, England.
- LEUTERITZ, HUGO C. (A'20), Chief Communication Engineer, Pan American Airways, Inc., 135 E. 42nd St., New York, N.Y. For mail: 51 Canterbury Rd., Rockville Center, L.I., N.Y.
- LEV, S. NATHAN (A'35), Test Equipment Design Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 420 S. 45th St., Philadelphia, Pa.
- LE VAN, JAMES D. (A'35), Engineer, Raytheon Production Corporation, 55 Chapel St., Newton, Mass. For mail: 44 Emerson St., Belmont, Mass.
- LEVENBERG, MERTON H. (A'34), Sales Engineer, Condenser Products, Inc., 1375 N. Branch St., Chicago, Ill.
- LEVER, PHILIP R. E. (A'26), Proprietor, Lever's Radio Service, 27 E. King St., York, Pa.
- LEVIN, SAM (A'29), 1532 S. Homan Ave., Chicago, Ill.
- LEVIN, SAMUEL A. (A'31), Member of

LEV-LLE

- Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- LEVINE, HARRY (A'29), Machine Shop, Otis Elevator Corporation, Harrison, N.J. For mail: 269-15th St., Brooklyn, N.Y.
- LEVINE, I. B. (M'30), Research Engineer, Wired Radio, Inc., Ampere, N.J. For mail: Box 304, Camden, N.J.
- LEVINGTON, ABIE (A'36), Chief Engineer, A. Levington and Company, 109 Commissioner St., Johannesburg, South Africa.
- LEVINSON, NATHAN (M'25), Director of Recording, Warner Bros., First National Studios, Burbank, Calif.
- LEVY, A. KINGDON (A'29), President, Kingdon Radio and Service Company, Inc., 44 E. 87th St., New York, N.Y.
- LEVY, LESTER (A'29), Engineer, Radio Receptor Company, Inc., 106 Seventh Ave., New York, N.Y. For mail: 1530 Sheridan Ave., Bronx, N.Y.
- LEVY, LUCIEN (M'19), Administrator, Etablissements Radio-L.L., 5 Rue du Cirque, Paris, France.
- LEWINSKI, CASIMIR (J'30-A'32), Engineer, Polskie Radio, Mazowiecka 5, Warsaw, Poland. For mail: Boduena 3, Warsaw, Poland.
- LEWIS, ELMER H. (A'14), Partner, Lewis and Sachs Company, 220 Fifth Ave., New York, N.Y.
- LEWIS, FRANK D. (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: M.I.T. Dormitories, Cambridge, Mass.
- LEWIS, GEORGE A. (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 41 Lincoln St., Cambridge, Mass.
- LEWIS, GEORGE H. (A'12-M'15), International Telephone and Telegraph Company, 67 Broad St., New York, N.Y.
- LEWIS, HAROLD M. (A'19-M'26), Engineer-in-Charge, Television Laboratory, Hazeltine Service Corporation, 209-71-26th Ave., Bay-side L.I. N.Y. For mail: 15 Florence St., Great Neck, L.I., N.Y.
- LEWIS, HEXELL A. (A'34), British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: The Firs, Sandy Lane, Cobham, Surrey, England.
- LEWIS, ROBERT O. (A'36), Research Engineer, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 350 Whittier Pl., Indianapolis, Ind.
- LEWIS, VINCENT F. (A'32), 6106 Del Valle Dr., Los Angeles, Calif.
- LEYDORF, G. F. (A'36), Radio Engineer, Crosley Radio Corporation, Cincinnati, Ohio. For mail: 36 Columbus Ave., Lebanon, Ohio.
- LEYH, WILLIAM D. (A'25), Radio Engineer, WHN, Marcus Loew Booking Agency, Inc., 1540 Broadway, New York, N.Y. For mail: 134-22-95th Ave., Richmond Hill, L.I., N.Y.
- LIBBY, LESTER L. (S'36), Student, Worcester Polytechnic Institute, Worcester, Mass. For mail: 28 Fanning Ave., Norwich, Conn.
- LIBBY, TYNG M. (M'35), Technical Man, Pacific Telephone and Telegraph Company, 1200 Third Ave., Seattle, Wash. For mail: 4716-19th Ave., N.E. Seattle, Wash.
- LICHTMAN, SAMUEL W. (A'36), 1648 S. Hamlin Ave., Chicago, Ill.
- LICKEY, HARRY F. (A'35), Assistant Professor of Electrical Engineering, State College of Washington, Pullman, Wash. For mail: 308 Columbia St., Pullman, Wash.
- LIDBURY, FRANK A. (A'27), President, Oldbury Electro-Chemical Company, Niagara Falls, N.Y.
- LIEB, JOHN S. (S'33-A'36), Tester, Test Bureau, New York Edison Company, Inc., 4 Irving Pl., New York, N.Y. For mail: 40 Caryl Ave., Yonkers, N.Y.
- LIESMAN, FRANCIS J. (A'30), Sales representative, Bright and Company, Reading, Pa. For mail: 940 Elm St., Reading, Pa.
- LIGH, CHARLES (M'36), 612 Rockland Ave., New Dorp, S.I., N.Y.
- LIKEL, HARRY C. (A'35), Chief Engineer, Pacent Engineering Corporation, 79 Madison Ave., New York, N.Y. For mail: 205 E. 17th St., Brooklyn, N.Y.
- LIMA, ANTONIO C. DA S. (A'30), Technical Director, Companhia Nacional Comunicacoes Sem Fio, Alfandega 81A, Rio de Janeiro, Brazil. For mail: Praca Eugenio Jardim 42, Copacabana, Rio de Janeiro, Brazil.
- LINDENBLAD, NILS E. (M'34), Research Engineer, RCA Communications, Inc., Rocky Point, L.I., N.Y. For mail: 117 Tuthill St., Port Jefferson, L.I., N.Y.
- LINDNER, HERBERT G. (A'31), RCA Manufacturing Company, Inc., Camden, N.J. For mail: 208 E. Madison Ave., Collingswood, N.J.
- LINDOW, IRVING L. (A'31), Receiver Engineer, RCA Communications, Inc., Riverhead, L.I., N.Y.
- LINDSAY, MAXWELL H. A. (A'30), Engineer, American District Telegraph Company, 155 Sixth Ave., New York, N.Y.
- LINDSAY, WALTER R. (A'31), Chief Engineer, WMAQ, R.F.D. 1, Elmhurst, Ill.
- LINDSAY, WILLIAM W., JR. (A'24-M'26), Supervisor of Recording and Chief Transmission Engineer, General Service Studio, Inc., 1040 N. Las Palmas, Hollywood, Calif. For mail: 1539 Ensley Ave., Los Angeles, Calif.
- LINDSEY, WILLIAM F. (A'31), Assistant Airways Keeper, U. S. Airways Station, Baxter, Placer County, Calif.
- LINGER, ROLAND A. (A'36), Patent Department, Radio Corporation of America, 832-34 Washington Bldg., Washington, D.C. For mail: 3109-24th St., N.E., Washington, D.C.
- LINK, LOUIS J. (A'30), Engineer, WSUN, St. Petersburg, Fla. For mail: 3216 Ninth St., N., St. Petersburg, Fla.
- LINKLATER, THOMAS B. (A'32), Manager-Operator, Canadian National Telegraphs, Toronto, Ont., Canada. For mail: c/o Canadian National Telegraphs (Radio), Amos, Que., Canada.
- LINTON, WILLIAM R. (A'36), Radio Branch, Department of Marine, Toronto, Ont., Canada. For mail: 130 Galley Ave., Toronto, Ont., Canada.
- LIPSCHUTZ, BERT (A'34), General Manager, Sound Products, 704 N. Curson Ave., Los Angeles, Calif. For mail: 746 S. Hauser Blvd., Los Angeles, Calif.
- LITCHEFIELD, GORDON A. (A'23), Nottingham Radio Supplies, Ltd., Sherwood Bldgs., South Sherwood St., Nottingham, England.
- LITTLE, DAVID S. (J'22-A'24), Manager, Aviation Radio Section, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 102 Penn St., Riverton, N.J.
- LITTLE, DONALD G. (A'20-M'27-F'29), Chief Engineer, Radio Engineering Department, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass. For mail: 131 Wenonah Rd., Longmeadow, Springfield, Mass.
- LITTLE, NOEL C. (A'36), Professor of Physics, Bowdoin College, Brunswick, Maine. For mail: 8 College St., Brunswick, Maine.
- LITTLE, W. C. (A'30), Chief Control Engineer, CKLW, Windsor, Ont., Canada. For mail: Box 635, Leamington, Ont., Canada.
- LITTON, CHARLES V. (A'25), Owner, Litton Engineering Laboratories, Box 35, R.R. 2, Redwood City, Calif.
- LIU, I-LUN (S'36), Student, Electrical Engineering School, Purdue University, West Lafayette, Ind. For mail: 471 N. Grant St., West Lafayette, Ind.
- LLEWELLYN, FREDERICK B. (A'23),

- Radio Research, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- LO, TSU ZUI (A'29), 3 Shui Hua Fang, Rue Lafayette, Shanghai, China.
- LOCKHART, HILDRED B. (A'36), Chief Engineer, KGFI, Corpus Christi, Tex. For mail: 1209 Nixon Bldg., Corpus Christi, Tex.
- LOCKHART, ROBERT, JR. (A'35), Radio Operator, KFXM, Lee Brothers Broadcasting Company, California Hotel, San Bernardino, Calif. For mail: 2459 E. 58th St., Los Angeles, Calif.
- LOCKWOOD, EDWARD C. (A'36), Transmitter Engineer, WLW and WSAI, Cincinnati, Ohio. For mail: R.R. 9, College Hill, Cincinnati, Ohio.
- LODGE, WILLIAM B. (A'34), Assistant to Director of Engineering, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y.
- LÖFGREN, ERIK O. (A'33), Civilingenjör, Professor *Pro Tem*, Royal Technical University, Valhallavägen, Stockholm, Sweden. For mail: Värtavägen 25, Stockholm, Sweden.
- LOFTIN, EDWARD H. (M'26), Consultant, 1406 G St., N.W.M., Washington, D.C.
- LOFTIS, HOMER J. (A'27), Chief Engineer, Henrite Products Corporation, 2514 S. Third St., Ironton, Ohio. For mail: 2739 S. Ninth St., Ironton, Ohio.
- LOGAN, DEAN C. (A'36), 829 N. Kingsley Dr., Los Angeles, Calif.
- LOGAN, MASON A. (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- LOHNES, GEORGE M. (S'34), Student, George Washington University, 21st and G Sts., N.W., Washington, D.C. For mail: Apt. 105, 5330 Colorado Ave., N.W., Washington, D.C.
- LONG, MAURICE B. (A'23), Assistant Director of Publication, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- LONGSTAFFE, JOHN R. (A'36), President and Manager, J. R. Longstaffe, Ltd., 187 Duchess St., Toronto, Ont., Canada.
- LOO, TSOONG-CHENG (A'32), Chief Engineer, Chinese Government Radio Administration, Jinkoo Rd., Shanghai, China.
- LOOMIS, ALFRED L. (M'28), Director, Loomis Laboratory, Tuxedo Park, N.Y.
- LOONEY, HOWARD C. (A'34), U. S. Radio Inspector, Federal Radio Commission, Federal Bldg., Christopher St., New York, N.Y. For mail: 18 Jacobus Pl., New York, N.Y.
- LOONEY, LESTER A. (A'31), Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y. For mail: 50 Winans Dr., Yonkers, N.Y.
- LOPEZ, ALBERTO L. (A'32), Technical Director, Government Radio Services, Caracas, Venezuela.
- LOR, PEY-LIEN (J'36), Assistant Engineer, China Radio Corporation, c/o T. S. Wang, 346 Route de Zikawei, Shanghai, China.
- LORD, ROBERT (S'33-A'36), Inspector, Anacosta Wire and Cable Company, Hastings, N.Y. For mail: 38 Parkway Rd., Bronxville, N.Y.
- LORENZ, HAROLD F. (A'35), Engineer, City of Meriden, Conn. For mail: Washington Ave., Meriden, Conn.
- LOUCKS, PHILIP G. (A'30), Lawyer, National Press Bldg., Washington, D.C.
- LOUGHLIN, WILLIAM D. (M'29-F'35), President, Boonton Radio Corporation, Boonton, N.J.
- LOUGHREN, ARTHUR V. (A'24-M'29), Engineer, Hazeltine Service Corporation, 333 W. 52nd St., New York, N.Y.
- LOUKOTA, DOUGLAS H. (A'34), Electrical Engineer, Cannon Electric Development Company, 420 W. Ave. 33, Box 75, Station A, Los Angeles, Calif.
- LOVE, BERT E. (A'31), Radio Engineering Laboratory, Tri State College, Angola, Ind. For mail: 412 S. Oakwood, Angola, Ind.
- LOVE, HORACE J. (A'31), Chief Engineer, Sexton's (Electrical Engineers), Great James St., London, E.C. 1, England. For mail: 36 Blake Rd., New Southgate, N. 11, England.
- LOVE, ROBERT G. (J'35), Proprietor, Love's Radio Service, 621 Rutter Ave., Kingston, Pa.
- LOVEJOY, EDWIN W. (A'14-M'26), Engineer, Federal Communications Commission, Washington, D.C. For mail: Box 45, Benjamin Franklin Station, Washington, D.C.
- LOVELL, HERMAN J. (A'28), Radio Operator, WKY, Oklahoma City, Okla.
- LOVELOCK, RALPH T. (A'34), Radio and Television Engineer, General Electric Company, Ltd., Telephone and Radio Works, Coventry, Warwick, England. For mail: Ivycoote, Rosemary Hill, Kenilworth, Warwick, England.
- LOWE, CARL, JR. (A'33), General Manager, International Radio and Electric Company, 605 Market St., San Francisco, Calif. For mail: 1001 Fourth St., San Francisco, Calif.
- LOWELL, PARKER (S'33-A'35), Commercial Engineer, Minnesota Power and Light Company, Eveleth, Minn.
- LOWERY, WILLIAM E. (A'35), Engineer, Raytheon Production Corporation, 55 Chapel St., Newton, Mass.
- LOWRY, CHARLES A. (A'26-M'31), Engineer, Stromberg-Carlson Telephone Manufacturing Company, 100 Carlson Rd., Rochester, N.Y.
- LOWRY, LEWIS R. (A'27), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Rumson Rd., Little Silver, N.J.
- LOYNES, OWEN H. (A'23), Rm. 1026, 180 Varick St., New York, N.Y.
- LÜBCKE, ERNST K. W. (M'30), Siemens Schuckert Werke A. G., Berlin-Siemensstadt, Germany. For mail: Berlin, Charlottenburg, 9, Westendallee 92 d, Germany.
- LÜBCKE, HARRY R. (A'26-M'32), Director, Television Division, Don Lee Broadcasting System, 1076 W. Seventh St., Los Angeles, Calif. For mail: 2441 W. Silver Lake Dr., Los Angeles, Calif.
- LU DLUM, W. F. (A'28), Manager, Los Angeles Branch, C. C. Langevin Company and Western Offices of General Radio Company, 555 S. Flower St., Los Angeles, Calif. For mail: 2111 Woodland Way, Hollywood, Calif.
- LUDWIG, SAMUEL C. (A'36), Radio Service Engineer, Motor Parts Company, 17th and Indiana Ave., Philadelphia, Pa. For mail: 801 S. St. Bernard St., Philadelphia, Pa.
- LUHN, CARL W. (A'36), Chief Radiotrician, Police Radio Station, Eden Park, Cincinnati, Ohio. For mail: 4904 Arnold St., Cincinnati, Ohio.
- LUND, ALVIN O. (S'34-A'36), Research Laboratories, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. For mail: 411 Whitney Ave., Wilkesburg, Pa.
- LUNDWALL, BROR H. (A'32), Radio Designer, Kungs Radio, Broderna Anderssons Radiofabrik, Kungsgatan 16, Goteborg, Sweden. For mail: Kungsgatan 8, Goteborg, Sweden.
- LUNT, CHARLES (A'34), Designer, Edge Radio, Ltd., Bolton, Lancs., England. For mail: 1 Launceston Gardens, Perivale, Middx., England.
- LURIE, ELI M. (A'31), Chief Radio Engineer, Hotel New Yorker and National Hotel Management Company, 34th St. and Eighth Ave., New York, N.Y. For mail: 138-05-229th St., Laurelton, L.I., N.Y.
- LUSH, WILLIAM G. (A'20-M'27), Executive Secretary, American Institute of Warehousing, Inc., 44 Court St., Brooklyn, N.Y.
- LUTTGENS, HOWARD C. (A'31), Division Engineer, National Broadcasting Company, Inc., Merchandise Mart, Chicago, Ill.
- LUTZ, SAMUEL G. (A'35), Research Assis-

LYL-MAK

- ant, Purdue Research Foundation, School of Electrical Engineering, Purdue University, West Lafayette, Ind. For mail: 218 Sheetz St., West Lafayette, Ind.
- LYLE, A. ERNEST (M'32), 61-17 Woodside Ave., Woodside, L.I., N.Y.
- LYMAN, FRANK, JR. (A'34), Park Rd., Weston, Mass.
- LYMAN, HARRY J. (A'30), Research Engineer, Transistone Laboratory, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa.
- LYMAN, JOHN R. (S'36), Laboratory Assistant, United American Bosch Corporation, Springfield, Mass. For mail: 61 W. Alford St., Springfield, Mass.
- LYMAN, REGINALD P. (A'23-M'26), Captain, U. S. Army, Signal Corps. For mail: Wright Field, Dayton, Ohio.
- LYNCH, ARTHUR H. (M'26), President, Arthur H. Lynch, Inc., 227 Fulton St., New York, N.Y.
- LYNDON, WILLIAM L. (A'26), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- LYON, HENRY H. (A'14), Chief Engineer, American Broadcasting Company, Washington, D.C. For mail: 70 Franklin St., Hyattsville, Md.
- LYONS, CLAUDE L. (M'27), Managing Director, Claude Lyons, Ltd., 40 Buckingham Gate, Westminster, London, S.W. 1, England. For mail: 12 Beechcroft Ave., Golders Green, London, N.W. 11, England.
- LYONS, WALTER (A'30), Radio Engineer, Hazeltine Service Corporation, 209-71-26th Ave., Bayside, L.I., N.Y.
- LYTLE, TOM M. (A'36), Trouble Shooter with Seismograph Crew, N.K.P.M., Soengei Gerong, Palembang, Sumatra.

M

- MAC ADAM, MARK L. (M'36), Radio Technician. For mail: 864 Centre St., Brockton, Mass.
- MAC ADAM, WALTER K. (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 255 St. Paul St., Brookline, Mass.
- MAC ALPINE, WILLIAM W. (A'29), Radio Engineer, Federal Telegraph Company, 200 Mount Pleasant Ave., Newark, N.J. For mail: 196 N. Oraton Pkwy., East Orange, N.J.
- MACCONO, FRANCIS J. (A'36), Shift Engineer, RCA Communications, Inc., Bolinas, Calif. For mail: Box 144, Bolinas, Calif.
- MAC DONALD, WILLIAM A. (A'19-M'26), Vice President and Chief Engineer, Hazeltine Service Corporation, 333 W. 52nd St., New York, N.Y.
- MACEDO, FRANCIS J. (J'30-A'33), Radio Engineer, Radio Corporation of New Zealand, Ltd., 80 Courtenay Pl., Wellington, New Zealand.
- MAC FADDEN, WILFORD C. (A'19), Engineering Sales Representative, United Carr Fastener Corporation, 31 Ames St., Cambridge, Mass. For mail: Rhawn and Bingham Sts., Fox Chase, Philadelphia, Pa.
- MAC FARLANE, GEORGE G. (S'35), Student, Glasgow University, University Ave., Glasgow, Scotland. For mail: Deanston, Airdrie, Lanarkshire, Scotland.
- MAC INTOSH, JAMES (A'30), Accountant, Posts and Telegraphs Department, Penang, Straits Settlements.
- MACK, DAHL W. (A'28), Proprietor, Dahl W. Mack Radio Company, 830 S. Webster Ave., Scranton, Pa. For mail: 8 Stafford Ave., Scranton, Pa.
- MACK, EDWARD J. (A'35), Instructor, Bayonne Vocational and Technical School, Bayonne, N.J. For mail: 53 Lord Ave., Bayonne, N.J.
- MAC KENZIE, DUNCAN G. (J'27-A'29), Field Engineer, E.M.I. Service, Ltd., Sheraton Works, Hayes, Middx., England. For mail: 20, Queenhill Rd., Selsdon, Surrey, England.
- MAC KEOWN, SAMUEL S. (M'29), Associate Professor of Electrical Engineering, California Institute of Technology, Pasadena, Calif.
- MAC LEAN, KENNETH G. (A'30), Engineer, RCA Communications, Inc., Riverhead, L.I., N.Y.
- MAC LURCAN, CHARLES D. (A'26), Australian Representative, A. C. Cassor, Ltd., Highbury Grove, London, England. For mail: 2 Agnes St., Strathfield, Sydney, N.S.W., Australia.
- MAC NABB, VERNON C. (A'25), Chief Engineer, Radio Division, Fairbanks-Morse and Company, 21st and Northwestern Ave., Indianapolis, Ind. For mail: 5105 N. Capitol Ave., Indianapolis, Ind.
- MACY, SPENCER A. (A'36), Consulado Americano, Managua, Nicaragua.
- MADDOX, CHARLES H. (M'36), Commander, U. S. Navy, Rm. 2723, Navy Department, Washington, D.C.
- MADGWICK, GRAHAM (M'28), c/o Newton, 25 Kensington Rd., Wimbledon, London, S.W. 19, England.
- MADSEN, CARL J. (A'28), Section Engineer, Communications Transmitter Section, Westinghouse Electric and Manufacturing Company, Chicopee Falls, Mass. For mail: 69 Osborne Ter., Springfield, Mass.
- MAG, ANTHONY (A'23), Radio Fieldman, Duquesne Light Company, 435 Sixth Ave., Pittsburgh, Pa. For mail: 1027 Franklin Ave., Wilkensburg, Pa.
- MAGEE, EDWARD E. (A'36), Aircraft Radio Mechanic, Signal Corps Radio Repair Section, Fairfield Air Depot, Patterson Field, Fairfield, Ohio. For mail: 61 N. Main St., Fairfield, Ohio.
- MAGELLI, ANDREA (A'35), Ingegnere, Ente Italiano Audizioni Radiofoniche, Radio Bolzano, Via Regina Elena, Bolzano, Italia.
- MAGES, MORRIS (A'35), Engineer, Clough Brengle Company, 1134 W. Austin Ave., Chicago, Ill. For mail: 1256 S. Kolin Ave., Chicago, Ill.
- MAGET, RENE V. (A'33), Technical Manager, Pathe Freres, 55 Bd. de la Republique, Chatou, Seine-et-Oise, France. For mail: 7, Square du lac Superieur, Le Vesinet, Seine-et-Oise, France.
- MAHAFFY, GEORGE N. (A'34), Junior Electrical Engineer, Tube Application Department, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 31 W. Sixth St., Emporium, Pa.
- MAHLER, RICHARD J. (A'32), Electrical Engineer, Central Hudson Gas and Electric Corporation, 50 Market St., Poughkeepsie, N.Y.
- MAIER, OSCAR C. (A'36), Captain, Signal Corps, U. S. Army, March Field, Calif.
- MAINSTONE, ALBERT E. (A'32), Wireless and Electrical Engineer, R. Mainstone and Son, 7 Patwell St., Bruton, Somerset, England. For mail: Ludwell Elm, Pitcombe, Bruton, Somerset, England.
- MAINWARING, WALTER (A'36), 9 Church St., Oxenhope, Keighley, England.
- MAITLAND, ALEXANDER (A'36), Engineer, Kansas City Bridge Company, 215 Pershing Rd., Kansas City, Mo.
- MAJOR, DADY S. (A'34), Assistant Engineer, Indian State Broadcasting Service, Irwin House, Ballard Estate, Bombay, India. For mail: Petit Mansions, Sleater Rd., Grant Rd., Bombay, India.
- MAKI, GEORGE J. (A'27), Radio Operator, RCA Communications, Inc., 114 W. Adams St., Chicago, Ill. For mail: 4330 Lake Park Ave., Chicago, Ill.
- MAKINSON, GRANT E. (A'31), Engineer, Astatic Microphone Laboratory, Inc., 830

- Market St., Youngstown, Ohio. For mail: 123 W. Marion Ave., Youngstown, Ohio.
- MALLINSON, WILLIAM D.** (A'33), Radio Engineer, Standard Telephones and Cables, Australasia, Box 525B, G.P.O. Sydney, Australia.
- MALLORY, H. ROGERS** (A'36), Sales Engineer, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 5850 Sunset La., Indianapolis, Ind.
- MALLORY, ROBERT R.** (S'35), Technician, American Telephone and Telegraph Company, 116 N. Fourth St., Albuquerque, N.M. For mail: 1704 E. Gold Ave., Albuquerque, N.M.
- MALOFF, IOURY G.** (M'27-F'36), Research Division, RCA Manufacturing Company, Inc., Camden, N.J.
- MAMARCHEV, DIMITRI** (A'36), Electrical Engineer, 573 Columbus Ave., New York, N.Y., and Sofia, Bulgaria.
- MANATT, JAMES H.** (J'36), Electrical Engineer, Central Commercial Company, 332 S. Michigan Ave., Chicago, Ill. For mail: 3210 Arthington Ave., Chicago, Ill.
- MANDERFELD, E. C.** (A'26), Development and Design Engineer, Electrical Research Products, Inc., 7026 Santa Monica Blvd., Los Angeles, Calif.
- MANGELSDORF, FRED B. E.** (A'30), Instructor, Radio Communication, Central Trade School, Oakland Public Schools, Oakland, Calif. For mail: 3606 Woodruff Ave., Oakland, Calif.
- MANKE, ARTHUR G.** (A'26), Radio Engineer, General Electric Company, Bridgeport, Conn. For mail: 587 Woodlawn Ave., Stratford, Conn.
- MANLEY, EDWARD** (A'27), Rm. 1327, John Jay Hall, Columbia University, New York, N.Y.
- MANLY, HAROLD P.** (A'29), Engineer, Radiotechnic Laboratory, 1328 Sherman Ave., Evanston, Ill.
- MANNING, CHARLES T.** (M'36), U. S. Radio Inspector, Federal Communications Commission, Rm. 1024, Federal Bldg., 641 Washington St., New York, N.Y. For mail: 11 Fairwoods Rd., Madison, N.J.
- MANNING, FRANK W.** (A'36), Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N.Y. For mail: 1531 Kingston Ave., North Tonawanda, N.Y.
- MANNING, STANLEY R.** (A'27), Engineer, Michigan Bell Telephone Company, 1365 Cass Ave., Detroit, Mich. For mail: 5479 Stanton Ave., Detroit, Mich.
- MANSELL, LIONEL H.** (M'25), Radio Engineer, Wireless Supply Depot, Edith Walk, Malvern, England. For mail: Woodfield, Madresfield Rd., Malvern, Worcs., England.
- MANSON, RAY H.** (M'23-F'30), Vice President and Chief Engineer, Stromberg-Carlson Telephone Manufacturing Company, Rochester, N.Y. For mail: 373 Beresford Rd., Rochester, N.Y.
- MAO, YEN-YU** (S'36), Student, Graduate School of Engineering, Harvard University, Cambridge, Mass. For mail: 37 Soo-Mao-Hung, Ningpo, Chekiang, China.
- MARBLE, FRANK G.** (A'36), Laboratory Assistant, Television Department, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 1613 N. 16th St., Philadelphia, Pa.
- MARCEAU, JULES P.** (J'30-A'33), Electrical and Radio Engineer, Manager, Southern Canada Power Company, Ltd., Dupont St., Marieville, Que., Canada.
- MARCH, PHILIP S.** (A'27), Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y. For mail: 125 Lincoln Ave., Newark, N.J.
- MARCONI, GUGLIELMO** (F'16), Marconi's Wireless Telegraph Company, Ltd., Marconi House, Strand, London, W.C. 2, England.
- MARCOTTE, JOSEPH** (A'36), Studio Operator, CKAC, 980 St. Catherine, W., Montreal, Que., Canada. For mail: 6780 Chambord St., Montreal, Que., Canada.
- MARCUVITZ, NATHAN** (S'36), Student Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 156 Smith St., Brooklyn, N.Y.
- MARESCA, JOSEPH F.** (A'35), Traffic Supervisor, RCA Communications, Inc., 64 Broad St., New York, N.Y. For mail: 68 Carol St., Lynbrook, L.I., N.Y.
- MARGALITH, ALEXANDER** (A'34), Manager, Palestine Radio Company, 62 Allenby Rd., Tel Aviv, Palestine. For mail: 170 Ben Yehuda Rd., Tel Aviv, Palestine.
- MARKILLIE, ROYAL G.** (S'35), 2nd Lieutenant, 326th Infantry, Company 3497 C.C.C., Tishomingo, Miss.
- MARINO, ALGERI** (A'30), Director, Radio Research Department, Royal Italian Air Force. For mail: Via Guido d'Arezzo, 14, Rome, Italy.
- MARKS, MEYER** (A'36), Radio Technician, Jackson Distributing Company, 1122 W. Jackson Blvd., Chicago, Ill. For mail: 3127 W. Warren Blvd., Chicago, Ill.
- MARLOW, WYLAND C., JR.** (A'32), Specifications Engineer, Delco Radio Division, General Motors Corporation, Kokomo, Ind. For mail: 1723 S. Washington St., Kokomo, Ind.
- MARQUARDT, MAYNARD F.** (A'36), Technical Supervisor, WCFL-W9XAA, 666 Lake Shore Dr., Chicago, Ill.
- MARINER, ALFRED W.** (A'29), Major, Air Corps, Chief Communications Section, Office, Chief of Air Corps, Washington, D.C.
- MARRIOTT, JOHN S.** (A'36), Partner, Instrument Service Laboratories, 21 Broadway W., Vancouver, B.C., Canada.
- MARRIOTT, ROBERT H.** (M'12-F'15), Consulting Engineer, 1470 E. 18th St., Brooklyn, N.Y.
- MARRISON, WARREN A.** (M'28), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- MARSAL, PAUL A.** (A'36), Research Laboratory, National Carbon Company, Cleveland, Ohio.
- MARSDEN, BERNARD** (A'33), Regional Technical Supervisor, Jam Handy Picture Service, Inc., Detroit, Mich. For mail: 101 E. Edsall Ave., Palisades Park, N.J.
- MARSH, PAUL F.** (S'32-A'35), Power Transformer Testman, General Electric Company, Pittsfield, Mass. For mail: 11 Alden Ave., Albany, N.Y.
- MARSH, WILLIAM E.** (A'36), Radio Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: A512 D St., Philadelphia, Pa.
- MARSHALL, BERNARD T.** (A'36), Test Maintenance Engineer, Philco Radio and Television Corporation, Ontario and C Sts., Philadelphia, Pa. For mail: 248 E. Allegheny St., Philadelphia, Pa.
- MARSHALL, CHARLES E.** (A'27), Hygrade Sylvania Corporation, Rm. 322, 520 N. Michigan Ave., Chicago, Ill.
- MARSHALL, CHARLES J.** (J'31-A'33), Supervisor of Radio Tube Inspection, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio. For mail: 254 Melish Ave., Cincinnati, Ohio.
- MARSHALL, ELLIS L.** (A'36), Maintenance Man, Allis Chalmers Manufacturing Corporation, La Porte, Ind. For mail: 120 Fox St., La Porte, Ind.
- MARSHALL, JOHN A.** (A'27), Assistant Instructor, Straits Settlement, Royal Navy Volunteer Reserve, Headquarters, Singapore, Straits Settlements.
- MARSHALL, ROBERT W.** (S'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.

MAR-MAX

- MARSLAND, STANLEY (A'31), Manager Engineer, Marsland Radio Engineering Company, 102 West Ave., Kitchener, Ont., Canada.
- MARSTEN, JESSE (A'18-M'25), Chief Engineer, International Resistance Company, 401 N. Broad St., Philadelphia, Pa. For mail: 1701 Hazel Ave., Upper Darby, Pa.
- MARTEENA, J. M. (A'33), Dean School Mechanic Arts, Agricultural and Technical College, Greensboro, N.C.
- MARTENS, RAY L. (A'30), Service Manager, United Standard Products, Inc., 2526 S. Wabash Ave., Chicago, Ill. For mail: 6422 S. Maplewood Ave., Chicago, Ill.
- MARTI, HUMBERTO (S'34), Student, College of Agriculture and Engineering, Mayaguez, Porto Rico. For mail: Box 26, Mayaguez, Porto Rico.
- MARTIN, ALBERT F. (A'30), Receiver Development Engineer, Amalgamated Wireless, Australasia, Ltd., 554 Paramatta Rd., Ashfield, N.S.W., Australia. For mail: 29 Great North Rd., Five Dock, N.S.W., Australia.
- MARTIN, BERNARD C. (A'32), In Charge of Traffic Production, Amalgamated Wireless, Australasia, Ltd., 47 York St., Sydney, N.S.W., Australia. For mail: c/o Masonic Club, Castlereagh St., Sydney, N.S.W., Australia.
- MARTIN, CARL S. (A'35), Owner, Martin Radio Company, 1314 Fifth St., S., Nampa, Idaho.
- MARTIN, CHARLES A. (S'34), Radio Central, Rocky Point, L.I., N.Y.
- MARTIN, DE LOSS K. (A'14-M'26), Engineer, Bell Telephone Laboratories, Inc., Rm. 801, 180 Varick St., New York, N.Y. For mail: 28 Undercliff Ter., West Orange, N.J.
- MARTIN, DEVEREAUX (A'36), Martin Radio Laboratory, Damariscotta, Maine. For mail: River Rd., Newcastle, Maine.
- MARTIN, GEORGE I. (M'36), Superintendent, RCA Institutes, Inc., 1154 Merchandise Mart, Chicago, Ill.
- MARTIN, H. B. (A'30), Radio Engineer, Engineering Department, Radiomarine Corporation of America, 75 Varick St., New York, N.Y.
- MARTIN, J. LAURANCE (A'30), President and Chief Engineer, National Radio and Broadcasting Corporation, 300-302 Polk St., Amarillo, Tex. For mail: Box 1348, Tucumcari, N.M.
- MARTIN, KARL H. (A'36), Research Engineer, First National Television, Inc., Keystone Bldg., Kansas City, Mo. For mail: 3220 Paseo, Kansas City, Mo.
- MARTIN, LOUIS (A'25-M'31), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 3971-46th St., Long Island City, L.I., N.Y.
- MARTIN, NORMAN A. (A'27), Attorney-at-Law, Martin and Martin, Union Trust Bldg., New Castle, Pa.
- MARTIN, ORA F. (A'36), Switchman, Southern California Telephone Company, 600 E. Green St., Pasadena, Calif. For mail: 646 N. Breese Ave., R. 1, Baldwin Park, Calif.
- MARTIN, RAY L. (A'31), Division SE, U.S.S. *Vestal*, c/o Postmaster, San Pedro, Calif.
- MARTIN, WALTER H. (A'31), Radio-Sound Engineer, 2266 Ocean View Blvd., San Diego, Calif.
- MARTIN, WALTER M. (A'35), 100, Tanglin Rd., Singapore, Straits Settlements.
- MARTLIEU, CLAUDE H. O. (A'26), 55 South St., Halifax, Nova Scotia.
- MARTYN, DAVID F. (A'30), Research Physicist, Australian Radio Research Board, Department of Electrical Engineering, University of Sydney, Sydney, N.S.W., Australia.
- MARUMO, NOBORN (A'25), Nihon Hosokyokai Gijitsu Ken Kyuzo, 440 Kamatamachi Setagayaku, Tokyo, Japan.
- MARVIN, HARRY B. (M'31), Electrical Engineer, General Engineering Laboratory, General Electric Company, Schenectady, N.Y. For mail: 121 Woodland Ave., Schenectady, N.Y.
- MARX, FRANK L. (A'36), Chief Engineer, Knickerbocker Broadcasting Company, Inc., 1697 Broadway, New York, N.Y.
- MASON, CURTIS W. (A'26), Engineer-in-Charge, KFI and KECA, 1000 S. Hope St., Los Angeles, Calif. For mail: 624 Plymouth Rd., San Marino, Calif.
- MASON, DALE P. (A'26), U. S. Army, Captain, Signal Corps, Officer-in-Charge, Alaska Communications System, Anchorage, Alaska.
- MASON, HARRY J. (A'36), Coil Engineer, Noblitt-Sparks Industries, Inc., Columbus, Ind.
- MASON, HOWARD F. (A'27), Field Engineer, Northern Radio Company, 2205 Fourth Ave., Seattle, Wash. For mail: 2709 Fourth West, Seattle, Wash.
- MASON, JOHN W., III (S'36), Student Engineer, Test Department, General Electric Company, Schenectady, N. Y. For mail: 426 Morgantown Ave., Fairmont, W. Va.
- MASON, WARREN P. (A'36), Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Rm. 1211, 180 Varick St., New York, N.Y.
- MASSA, FRANK (A'30), Research Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- MASTERSON, BEALL J. (A'36), Manager, Hardware Department, Charles Ifield Company, Durango, Colo. For mail: Box 36, Durango, Colo.
- MATCHETT, WENDELL E. (S'36), Graduate Student, University of Maine, Orono, Maine. For mail: 26 Peters St., Orono, Maine.
- MATHER, NORMAN W. (S'36), Student, University of California, Berkeley, Calif. For mail: 2617 Haste St., Berkeley, Calif.
- MATHES, RICHARD E. (J'22-A'24), Central Office Development Engineer, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- MATHIEU, GASTON A. (F'34), Managing Director, Polskie Zaklady Marconi, S.A., Narbutta 29, Warsaw, Poland.
- MATSUI, SADANOBU (A'36), Assistant Engineer, Broadcast Corporation of Japan, TOKYO, Kochi Radio Broadcasting Station, Kochi City, Japan.
- MATSUMURA, SADA O. (A'28), Electrotechnical Laboratory, Ministry of Communications, Teishinsho Denkishikenjo 4-bu, Gotanda, Shinagawa-ku, Tokyo, Japan.
- MATTHEWS, A. C. (A'36), Research Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 81 W. Spencer Ave., Philadelphia, Pa.
- MATHEWS, HAMMOND (A'32), District Superintendent, Western Colorado Power Company, Durango, Colo. For mail: Silverton, Colo.
- MATHIAS, EGERTON L. A. (A'34), Engineer and Manager, Marconi Radio Telegraph Company, Radio House, Chareh Eloui, Cairo, Egypt. For mail: Radio House, Box 795, Cairo, Egypt.
- MATTHEWS, GEORGE D. (A'31), Sales Engineer, Peoples Gas Light and Coke Company, 122 S. Michigan Ave., Chicago, Ill. For mail: 911 N. West St., Wheaton, Ill.
- MATTHIAS, LYNN H. (A'25), Director of Research, Allen-Bradley Company, 1326 S. Second St., Milwaukee, Wis. For mail: 2121 E. Capitol Dr., Milwaukee, Wis.
- MATUBARA, HIROSHI (A'35), Professor, The First Waseda High School, Toyamacho, Ushigomeku, Tokyo, Japan. For mail: c/o Kusaka Saisei, Kikucho, Ushigomeku, Tokyo, Japan.
- MAURAN, JOHN (A'25), District Service Manager, RCA Manufacturing Company, Inc., 537 Statler Bldg., Boston, Mass.
- MAXEY, HENRY J. (A'31), Proprietor,

- Wireless Trade Service Company, Gibbon La., Plymouth, England. For mail: 8 Southfield Ave., Paignton, Devon, England.
- MAXIMOFF, BORIS S.** (S'34), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: c/o Superintendent's Office, 69 Massachusetts Ave., Cambridge, Mass.
- MAXWELL, JOHN F.** (A'36), Chief Engineer, Electronic Equipment Corporation, 1000 E. Mermaid La., Chestnut Hill, Philadelphia, Pa. For mail: 7803 Linden Rd., Chestnut Hill, Philadelphia, Pa.
- MAY, MILLARD S.** (A'36), Engineer, Speer Carbon Company, St. Marys, Pa.
- MAYBERRY, ROBERT J.** (A'31), Member of Staff, Transmitter Engineering Department, WABC-W2XE, Columbia Broadcasting System, Inc., 485 Madison Ave., New York, N.Y. For mail: Box 107, Pompton Plains, N.J.
- MAYER, EMIL E.** (F'34), Consulting Engineer, 10 E. 40th St., New York, N.Y.
- MAYER, HARRY F.** (A'36), Radio Engineer, General Electric Company, Schenectady, N.Y.
- MAYER, IRVING S.** (S'35), Junior Officer, Civilian Conservation Corps, Company 1449, Camp SC-F-7, Bradley, S.C.
- MAYLOTT, CARLETON F.** (A'24), Instructor in Physics and Electrical Engineering, Clarkson College of Technology, Potsdam, N.Y.
- MAYNARD, FRANK S.** (J'32-A'33), Engineer, Amalgamated Wireless, Australasia, Ltd., For mail: Box 2516 BB, G.P.O., Sydney, N.S.W., Australia.
- MAYNARD, JOHN E.** (A'29), Radio Engineer, General Electric Company, Bridgeport, Conn. For mail: 75 Floral Way, Stratford, Conn.
- MAYNE, LEO F.** (A'36), Engineer, West Coast Division, Canadian Marconi Company, Ltd., Beking Bldg., Vancouver, B.C., Canada. For mail: 2306 Kitchener St., Vancouver, B.C., Canada.
- MAZYCK, EDWARD H.** (A'36), Distribution Draftsman, Brooklyn Edison Company, 380 Pearl St., Brooklyn, N.Y. For mail: 55 Hanson Pl., Brooklyn, N.Y.
- MAZZOLA, JOSEPH R.** (A'30), Specification Engineer, Micamold Radio Corporation, 1087 Flushing Ave., Brooklyn, N.Y. For mail: 1627 W. 13th St., Brooklyn, N.Y.
- MCADIE, COLIN H.** (S'36), Student, Stevens Institute of Technology, Hoboken, N.J. For mail: 907 Castle Point Ter., Hoboken, N.J.
- MC AULAY, WILLIAM H.** (A'30), Box 724, 300 Hillcrest Rd., San Carlos, Calif.
- MCBRIDE, ARTHUR C., JR.** (A'33), Manager, Electronic Engineering, 755 Union St., San Diego, Calif. For mail: 3443 Richmond St., San Diego, Calif.
- McCABE, LOUIS L.** (A'26-M'36), Inspector-in-Charge, Federal Communications Commission, Federal Bldg., Galveston, Tex.
- McCALLUM, BRUCE C.** (A'33), Manager, Radio Sales, Service, and Interference Department, Pacific Mills, Ltd., Ocean Falls, B.C., Canada. For mail: Box "J," Ocean Falls, B.C., Canada.
- McCANN, THOMAS A., III** (A'30), Telegraph Engineer, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- McCANNE, LEE** (A'36), Radio Sales Manager, Stromberg-Carlson Telephone Manufacturing Company, 100 Carlson Rd., Rochester, N.Y.
- McCARTHY, FRED M.** (A'30), Research Engineer, Galvin Manufacturing Corporation, 1421 Circle Ave., Forest Park, Ill. For mail: 1128 Marengo Ave., Forest Park, Ill.
- McCARTHY, HENRY J.** (A'34), Radio Engineer, Hygrade Sylvania Corporation, 60 Boston St., Salem, Mass. For mail: 42 Central Ave., Danvers, Mass.
- McCLELLAND, ARTHUR C.** (A'35), Chief Engineer, WAIU, 50 W. Broad St., Columbus, Ohio. For mail: 60 Broadvoort Rd., Columbus, Ohio.
- McCLELLAND, HAROLD M.** (M'26), Lieutenant Colonel, Air Corps, U. S. Army, 316 H. Doniphan, Fort Leavenworth, Kan.
- McCLOSKEY, J. DONALD** (J'36), Pyrometer Serviceman, Gayner Glass Works, Salem, N.J. For mail: Box 237, Salem, N.J.
- McCLURG, GREGG H.** (A'33), Junior Radio Engineer, U. S. Army Signal Corps, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio. For mail: 117 W. Monument Ave., Dayton, Ohio.
- McCONNEL, WILLIAM G.** (A'28), Engineer, Radio Receptor Company, Inc., 106 Seventh Ave., New York, N.Y. For mail: 135 Sheffield Ave., Englewood, N.J.
- McCONNELL, HAROLD E.** (A'33), Geophysical Party Chief, Shell Petroleum Corporation, Shell Bldg., Houston, Tex.
- McCONNELL, ROBERT A.** (S'35), Graduate Student, University of Pittsburgh, Pittsburgh, Pa. For mail: 151 Center Ave., Emsworth, Pa.
- McCORMICK, CARTER** (A'32), Operator, WDDL, Lansing Police Department, 105 City Hall, Lansing, Mich. For mail: 207 N. Foster Ave., Lansing, Mich.
- McCRAIGH, JUSTIN F.** (A'35), Chief Engineer, Amplifier Division, Operadio Manufacturing Company, St. Charles, Ill.
- McCULLOCH, GEORGE R.** (J'27-A'30), Radio Service Engineer, McCulloch Radio Supply Company, McKenzie St., Ballarat, Victoria, Australia. For mail: 511 Havelock St., Ballarat, Victoria, Australia.
- McCURDY, ROBERT G.** (A'35), District Sales Manager, Broadcasting Equipment, Graybar Electric Company, Inc., 1644 Baltimore Ave., Kansas City, Mo. For mail: 6720 Locust St., Kansas City, Mo.
- McCUTCHEON, BRUNSON S.** (A'21-M'26-F'32), Consulting Engineer, Suite 1013, Evening Post Bldg., 75 West St., New York, N.Y.
- McDERMOTT, EUGENE** (A'25), Vice President and Treasurer, Geophysical Service, Inc., 1311 Republic Bank Bldg., Dallas, Tex.
- McDONALD, ARTHUR S.** (M'23), Chief Engineer, Amalgamated Wireless, Australasia, Ltd., 47 York St., Sydney, Australia.
- McDONALD, DANIEL M.** (A'31), Birmingham Sound Reproducers, Ltd., Claremont Works, Claremont St., Old Hills, Staffs, England.
- McDONALD, JOSEPH M.** (A'34), Engineering Department, WLW-WSAI, Crosley Radio Corporation, Arlington St., Cincinnati, Ohio.
- McDONELL, WILLIAM J.** (A'29), Inspector-in-Charge, Federal Communications Commission, 410 Federal Bldg., Kansas City, Mo. For mail: 4237 Bellefontaine St., Kansas City, Mo.
- McDOUGALL, JOHN A.** (S'36), Generator Cleaner, Interborough Rapid Transit Company, 74th St. and East River, New York, N.Y. For mail: 114-38-175th Pl., St. Albans, L.I., N.Y.
- McDOWELL, ALBERT P., JR.** (A'27), Clerk, Real Estate Department, Provident Trust Company of Philadelphia, 17th and Chestnut Sts., Philadelphia, Pa. For mail: 41 Carpenter La., Mt. Airy, Philadelphia, Pa.
- McDOWELL, LAWRENCE W.** (A'31), 152 St. Joseph Ave., Long Beach, Calif.
- McDOWELL, LOUISE S.** (M'23), Professor of Physics, Wellesley College, Wellesley, Mass.
- McELRATH, GEORGE** (M'29), Operating Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y.
- McELROY, PAUL K.** (A'25-M'27-F'31), Design Engineer, General Radio Company, 30

McE-MEA

- State St., Cambridge, Mass. For mail: 58 Douglas Rd., Belmont, Mass.
- McEWEN, KENNETH D. (A'36), Radio Engineer, A. J. Berryman, Ltd., Box 142, Palmerston North, New Zealand.
- McFARLANE, MAYNARD A. (A'26), Record-O-Tone, 6059 Santa Monica Blvd., Hollywood, Calif.
- McGARRY, JOHN (A'36), Radio Utilityman, Los Angeles Police Department, Los Angeles, Calif. For mail: 7700 Sancelo Ave., Roscoe, Calif.
- McGARVEY, H. R. (A'36), 511 Court St., Pekin, Ill.
- McGAUGHEY, PHERMAN C. (A'31), Field Engineer, RCA Manufacturing Company, Inc., 537 Statler Office Bldg., Boston, Mass. For mail: 59 Bradford Rd., Watertown, Mass.
- McGINLEY, JOE C. (A'36), Aladdin Radio Industries, 466 W. Superior St., Chicago, Ill.
- McGIRR, ROBERT (S'34), 4645-156th St., Flushing, L.I., N.Y.
- McGIRR, WILLIAM P. (A'32), Lieutenant, U. S. Navy, Navy Department, Washington, D.C. For mail: M.S.S. *Blackhawk*, Asiatic Station, c/o Postmaster, New York, N.Y.
- McILWAIN, KNOX (A'31), Assistant Professor, Moore School of Electrical Engineering, University of Pennsylvania, 200 S. 33rd St., Philadelphia, Pa.
- McILWRAITH, CHARLES G. (A'29), Senior Electrical Engineer, U. S. Coast and Geodetic Survey, Washington, D.C.
- McINTOSH, FRANK H. (J'25-A'28-M'33), Member of Technical Staff, Radio Development Department, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- McJILTON, DE WITT (A'26), 2227 W. Adams St., Chicago, Ill.
- McKAY, WILLIAM M. (A'33), Radio Serviceman, United Air Lines, Inc., Oakland Municipal Airport, Oakland, Calif.
- McKECHNIE, JOHN S. (A'36), Engineer, Transmitter Development, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 5741 Irving Ave., Merchantville, N.J.
- McKEE, CHARLES W. (A'32), Aircraft Radio Section, Eastern Air Lines, Box 3581, Miami, Fla.
- McKEEL, P. DE FORREST (A'30), Assistant Airway Engineer, Radio, Department of Commerce, Bureau of Air Commerce, Air Navigation Division, Washington, D.C. For mail: 62 Township Rd., Dundalk, Md.
- McKENZIE, ALEXANDER A. (A'35), Research Assistant, Carnegie Institution, c/o Dr. Thomas H. Johnson, Bartol Research Foundation, Swarthmore, Pa. For mail: 621 Magill Rd., Swarthmore, Pa.
- McKENZIE, ALEXANDER J. (A'31), Engineer, Postmaster General's Department, Commonwealth of Australia, 360 Post Office Pl., Melbourne, Victoria, Australia. For mail: 7 Archibald St., Box Hill, E. 11, Melbourne, Victoria, Australia.
- McKESSON, LEWIS J. (A'27), Transmitting Engineer, RCA Communications, Inc., Rocky Point, L.I., N.Y. For mail: Box 174, Rocky Point, L.I., N.Y.
- McKINLEY, HOWARD W. (A'26), Radio Engineer, U. S. Bureau Air Commerce, Sixth Air Navigation District, New Post Office Bldg., Oakland, Calif. For mail: 115 Dutton Ave., San Leandro, Calif.
- McKINNEY, EDWARD G. (A'33), Foreman of Meter Shop, Oklahoma Gas and Electric Company, Oklahoma City, Okla. For mail: Box 845, Oklahoma City, Okla.
- McKINNEY, RODNEY S. (S'33-A'35), R. F. Aligner, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: Box 228, Mount Ephraim, N.J.
- McKNEW, WILBUR H. (A'36), Engineer, Field Technical Section, Radio Division, General Electric Company, 633 National Soo Line Bldg., Minneapolis, Minn. For mail: 2907 Dean Blvd., Minneapolis, Minn.
- McLACHLIN, ARCHIBALD D. (A'35), Fireman, Canadian National Railway, Edmonton, Alta., Canada. For mail: 9649-106th St., Edmonton, Alta., Canada.
- McLAGAN, DONALD R. (A'17), Principal, D. McLagan Company, Suite 1505, 21 E. 40th St., New York, N.Y.
- McLAUGHLIN, HARRY R. (S'35), Mechanical Engineer, Southern Pacific Company, 65 Market St., San Francisco, Calif. For mail: 50 Cerritos Ave., San Francisco, Calif.
- McLAUGHLIN, THOMAS J. (A'30), Radio Serviceman, Gimbel Brothers, 33rd and Broadway, New York, N.Y. For mail: 839 Jefferson Ave., Brooklyn, N.Y.
- McLEAN, FRANCIS C. (A'26), Department 3400, Standard Telephones and Cables, Ltd., Oakleigh Rd., New Southgate, London, N. 11, England.
- McLEAN, MURRAY D. (S'36), Student, McGill University, Montreal, Que., Canada. For mail: 2325 St. Luke St., Montreal, Que., Canada.
- McLEISH, C. WILLIAM (S'36), Student, University of British Columbia, Vancouver, B.C., Canada. For mail: 3929 W. 13th Ave., Vancouver, B.C., Canada.
- McLENNAN, MILES A. (A'29), 834 Chicago Blvd., Detroit, Mich.
- McLENNAN, RODERICK A. (M'29), Editor, *Radio Times*, National Magazines, Wakefield St., Wellington, New Zealand.
- McLEOD, GEORGE R. (S'36), Student, University of California, Berkeley, Calif. For mail: 2818 Modesto St., Oakland, Calif.
- McMAHON, ALVIN (A'25), Field Supervisor, National Broadcasting Company, Inc., 1367 E. Sixth St., Cleveland, Ohio.
- McMAHON, ROLAND J. (A'36), Instructor, RCA Institutes, 1154 Merchandise Mart, Chicago, Ill.
- McMASTER, A. J. (A'30), President, General Motors Laboratories, Inc., 1735 Belmont Ave., Chicago, Ill.
- McMASTER, L. L., JR. (A'35), Radio Engineer, Swedish Iron and Steel Corporation, 17 Battery Pl., New York, N.Y.
- McMICHAEL, LESLIE (M'20-F'25), Managing Director and Chairman, McMichael Radio, Ltd., Slough, England. For mail: "Everest" Ashley, L.a., Hendon, London, N.W. 4, England.
- McNALLY, JAMES O. (J'24-A'26), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- McNAMARA, FRANCIS T. (A'31), Educator, Yale University, New Haven, Conn. For mail: 322 Thornton St., Hamden, Conn.
- McNARY, JAMES C. (J'22-A'27-M'28), Consulting Radio Engineer, McNary and Chambers, 983 National Press Bldg., Washington, D.C.
- McNEILL, GEORGE T. (J'31-A'33), Production Superintendent, Philco Radio and Television Corporation of Great Britain, Perivale Greenford, Middx., England. For mail: 7 Langdale Gardens, Perivale, Greenford, Middx., England.
- McNICOL, DONALD (A'14-M'14-F'24), Consulting Engineer, 132 Union Rd., Roselle Park, N.J.
- McSWENEY, ROGER (A'29), Engineer, International Telephone and Telegraph Corporation, 67 Broad St., New York, N.Y.
- McWILLIAM, ERIC A. (A'26), Engineer-in-Charge, Drummondville Station, Canadian Marconi Company, Ltd., Box 1690, Montreal, Que., Canada. For mail: Marconi Station, Drummondville, Que., Canada.
- MEAD, MILTON S., JR. (A'23), General Electric Company, Schenectady, N.Y. For mail: 1410 Regent St., Schenectady, N.Y.
- MEAD, PERCY R. (A'36), Transmitter Engineer, Long Island Broadcasting Corporation, 41-30-58th St., Woodside, L.I., N.Y. For mail: 37-52-74th St., Jackson Heights, L.I., N.Y.

- MEADER, RAYMOND B. (M'32), Telephone Engineer, New England Telephone and Telegraph Company, 8 Harrison Ave., Boston, Mass. For mail: 15 Wyoma St., Lynn, Mass.
- MEHL, HARRY R. (A'28), Radio Engineer, General Engineering Laboratory, Rm. 463, Bldg. 5, General Electric Company, Schenectady, N.Y.
- MEGAW, ERIC C. S. (A'29), Research Engineer, Research Laboratories, General Electric Company, Ltd., Wembley, England.
- MEIER, JUAN G. (A'33), José Evaristo Uriburu 674, Buenos Aires, Argentina.
- MEIER, WILBER L. (A'33), Development Engineer, RCA Radiotron Division, Harrison, N.J. For mail 202 Sunset Ave., North Arlington, N.J.
- MEILE, JOHN W. (A'35), Partner, Radio Sales and Service, 109 N. 40th St., Omaha, Neb. For mail: 407 N. 40th St., Omaha, Neb.
- MEINHARD, HERMAN M. (A'25), Sales Engineer, Aerovox Corporation, 70 Washington St., Brooklyn, N.Y. For mail: 5445 Ludlam Ave., Chicago, Ill.
- MEISSNER, ALEXANDER (M'14-F'15), Allgemein Elektrizitätsges. Telefunken, Berlin, Rednichendorf, Holländerstr, 32, Germany. For mail: Berlin, Dahlem in Schwartzengrund, Germany.
- MEISSNER, EARL R. (A'26), President, United Radio Supply, Inc., 203 S.W. Ninth Ave., Portland, Ore.
- MELLO, GERALDO H. (A'35), Director and Chief Engineer, Soc. Technica Paulista, Ltd., Vise. Rio Branco 619, São Paulo, Brazil. For mail: E. Luiz 210, São Paulo, Brazil.
- MELLOH, ARTHUR W. (A'33), Graduate Student, University of Minnesota, Minneapolis, Minn. For mail: 1315 S.E. Seventh St., Minneapolis, Minn.
- MELLON, RALPH E. P. (J'28-A'30), Radio Retailer, 25 King St., Pottstown, Pa.
- MELLOR, STAVELEY J. (A'36), Radio Operator, Dominion Government of Canada, Digby Island Radio, Prince Rupert, B.C., Canada.
- MELLOR, WILLIAM N. (A'36), Communication Engineer, American Airlines, Inc., 5036 W. 63rd St., Chicago, Ill. For mail: 120 S. Spring Ave., La Grange, Ill.
- MELLOAN, J. RICHARD (A'36), Chief Instructor in Engineering, c/o Kelsey Jenney College, 1060 C St., San Diego, Calif.
- MELONI, MARIO (S'33-A'36), Engineer, EIAR, Technical Department, Via Montebello 7, Torino, Italy. For mail: Via Sabotino 2a, Rome, Italy.
- MELZER, HERMAN (A'36), Chief Draftsman, Hygrade Sylvania Company, Emporium, Pa. For mail: 214 W. Fourth St., Emporium, Pa.
- MENDENHALL, GENE G. (A'36), Radio Field Engineer, General Electric Supply Corporation, 1212 First Ave., South, Seattle, Wash. For mail: 910 Allison St., Seattle, Wash.
- MENDENHALL, HALLAM E. (A'31), Vacuum Tube Development, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- MENON, GEOFFREY J. (A'36), Chief Radio Engineer, Airzone (1931), Ltd., 16-22 Australia St., Camperdown, N.S.W., Australia.
- MEOLA, LIBRADOR K. (A'35), Teacher of Science and Allied Subjects, John Hay High School, Cleveland, Ohio.
- MERCER, CHARLES J. (M'30), 23 Stanhope Gardens, Ilford, Essex, England.
- MERCER, JOHN F. W. (S'36), Student of Electrical Communications, City and Guilds College, London, Exhibitor Road, London S.W. 7, England. For mail: 23 Reynolds Bldgs., Westminster, London S.W. 1, England.
- MERCIER, ANDREW E. (A'33), Field Engineer, WABC, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: 486 Bayview Ave., Cedarhurst, L.I., N.Y.
- MERDLER, LIONEL R. (A'31), Radio Engineer, Baird Television, Crystal Palace, London, England. For mail: 18 Twyford Ave., Acton, W. 3, London, England.
- MERKLE, RALPH S. (A'34), Commercial Engineering, Hygrade Sylvania Corporation, Emporium, Pa. For mail: Emporium, Pa.
- MERMAN, JOHN C. (A'30), Radio Engineer, Philadelphia Storage Battery Company, Ontario and C Sts., Philadelphia, Pa. For mail: 8333 Jeanes St., Fox Chase, Philadelphia, Pa.
- MERRALLS, FRANZ N. (S'35), 725 S. Longwood Ave., Los Angeles, Calif.
- MERRILL, HENRY M. (A'31), In Charge of Measurements, National Union Radio Corporation, 57 State St., Newark, N.J. For mail: 106 N. Fifth St., Newark, N.J.
- MERRIMAN, HORACE O. (A'36), Inductive Interference Engineer, Radio Branch, Marine Department, 222 Hunter Bldg., Ottawa, Ont., Canada. For mail: 21 Butternut Ter., Ottawa, Ont., Canada.
- MESSER, HERBERT G. (A'30), Captain, Signal Corps, U. S. Army, Air Base Signal Officer, Langley Field, Va.
- MESTAS, RICARDO (A'36), Inspector, Kobe, Inc., 3040 E. Slawson Ave., Huntington Park, Calif.
- MESZAROS, WILLIAM A. (A'36), Assistant Interpreter, Gulf Research and Development Company, Box 1031, Duncan, Okla.
- METCALF, GEORGE F. (A'34), Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y.
- METCALF, HERBERT E. (M'35), Patent Attorney, Lippincott and Metcalf, 57 Post St., San Francisco, Calif.
- METZLER, S. JOHN (A'34), Manager, Metzler Insurance Service, Box 300, Napawan, Ont., Canada.
- MEVIUS, JOHN C. (J'27-A'27), 5135 N. Fairhill St., Philadelphia, Pa.
- MEYER, HENRY W. (A'27), Equipment Installer, Western Electric Company, Inc., 397 Hudson St., New York, N.Y. For mail: 527 E. 147th St., New York, N.Y.
- MEYER, J. M. (A'36), Box 115, Pasadena, Tex.
- MEYER, LESLIE W. (M'34), Chartered Patent Agent and Partner, Dicker, Pollak, Mercer, Tench and Meyer, 20, Holborn, London, England. For mail: 28, Sundorne Rd., London S.E. 7, England.
- MEYER, ROBERT G. H. (A'32), Lieutenant, U. S. Army, c/o California Institute of Technology, Pasadena, Calif.
- MEYERS, ALFRED H. (A'34), Receiving Station Operator, Mackay Radio and Telegraph Company, Box 74, Rockville, Md.
- MEYERS, CARL J. (A'31), Chief Engineer, WGN, *Chicago Tribune*, Rm. 1114, Tribune Tower, Chicago, Ill. For mail: 351 Algona Ave., Elgin, Ill.
- MEZA, J. ONOFRE (A'36), Operator, XENT, Nuevo Laredo, Mexico. For mail: Box 410, Laredo, Tex.
- MEZGER, GEORGE (A'25), 238 Fort Washington Ave., New York, N.Y.
- MIAO, TSAO-VONG (J'30-A'33), Engineer, Chinese Government Radio Administration, Shanghai, China. For mail: House No. 26, La. No. 63, Hart Rd., Shanghai, China.
- MICHAL, LEON V. (A'29), Development Engineer, Western Electric Company, Hawthorne Sta., Chicago, Ill. For mail: 933 N. Lockwood Ave., Chicago, Ill.
- MICHAEL, DAVID F. (A'29), Radio Operator, Bureau of Air Commerce, Air Navigation Division, New Post Office Bldg., Chicago, Ill. For mail: 1305 S. Fifth, Terre Haute, Ind.
- MICHEL, PHILIP C. (A'33), General Engi-

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- neering Department, General Electric Company, Schenectady, N.Y. For mail: 1335 Nott St., Schenectady, N.Y.
- MICKEY, LEROY (A'26), Radio Engineer, Bureau of Aeronautics, Navy Department, Washington, D.C. For mail: Apt. 105, 3621 Newark St., N.W., Washington, D.C.
- MILBOURNE, SAMUEL C (A'33), Service Engineer, Supreme Instruments Corporation, Greenwood, Miss. For mail: 510 Dewey St., Greenwood, Miss.
- MILES, PAUL D. (A'30), Superintendent of Communications, San Francisco Area, Hearst Radio, Inc., Box 191, Redwood City, Calif.
- MILES, WILLARD F. (S'36), Research Assistant, Leeds and Northrup Company, 4901 Stenton Ave., Philadelphia, Pa. For mail: 336 Manheim St., Germantown, Philadelphia, Pa.
- MILINOWSKI, ARTHUR S., JR. (A'34), Engineer, R. Fuess, Inc., 245 W. 55th St., New York, N.Y. For mail: 422 W. 160th St., New York, N.Y.
- MILLAR, J. Z. (A'30), Engineering Assistant, Western Union Telegraph Company, Watermill, L.I., N.Y. For mail: Box 1049, Hampton Park, Southampton, L.I., N.Y.
- MILLAR, JAMES P (A'35), Student, University of Manitoba, Winnipeg, Manit., Canada. For mail: 3 Wardlow Apts., Winnipeg, Manit., Canada.
- MILLARD, ARTHUR M. (A'32), Engineer of Transmission, Southern New England Telephone Company, 157 Church St., New Haven, Conn.
- MILLEN, JAMES (J'24-A'26), President, National Company, Inc., 61 Sherman St., Malden, Mass.
- MILLER, AMBROSE C. (A'34), Engineering Department, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 201 Greenwood Ave., Jenkintown, Pa.
- MILLER, BURTON F. (J'24-A'26), Transmission Engineer, Sound Department, Warner Bros. Pictures, Inc., Burbank, Calif. For mail: 135 N. Gower St., Los Angeles, Calif.
- MILLER, CARL F. (A'36), Radio Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 409 Vine St., Emporium, Pa.
- MILLER, CHARLES E. (A'25), Research, 358 S. Cochran Ave., Los Angeles, Calif.
- MILLER, CHARLES E. (A'35), Test Engineer, Brown Instrument Company, Wayne Junction, Philadelphia, Pa. For mail: 5642 N. Sydenham St., Philadelphia, Pa.
- MILLER, DONALD H. (A'30), New York District Manager, *Radio Retailing and Electronics*, McGraw-Hill Publishing Company, Inc., 330 West 42nd St., New York, N.Y. For mail: 3258 Cambridge Ave., New York, N.Y.
- MILLER, EDWIN C. (A'30), National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y. For mail: 2560-35th St., Astoria, L.I., N.Y.
- MILLER, FRED (A'36), Radio Repairman, Noblitt-Sparks Industries, Inc., Columbus, Ind. For mail: R.R. 2, Hope, Ind.
- MILLER, FREDERICK A. (A'35), Designing Engineer, Radiothermy Company. For mail: 10776 Capistrano Ave., Lynwood, Calif.
- MILLER, GEOFFREY A. (S'33), 2297 Neil Ave., Columbus, Ohio.
- MILLER, GEORGE A. (A'30), Test Engineer, Western Electric Company, 100 Central Ave., Kearny, N.J. For mail: 286 William St., East Orange, N.J.
- MILLER, GLENN R. (A'36), Headquarters Division No. 2, M.W.D., Rice, Calif.
- MILLER, HAROLD R. (A'16), U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- MILLER, HENRY J. (M'32), Box 37, South Orange, N.J.
- MILLER, HOLMES C. (A'30), R.R. 1, Box 157G, Los Altos, Calif.
- MILLER, HORACE G. (A'30-M'33), Research Department, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa.
- MILLER, J. PURNELL (A'26), Radio Test, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 2728 Harford Rd., Baltimore, Md.
- MILLER, JACK A. (A'36), Chemist, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 128 E. Fifth St., Emporium, Pa.
- MILLER, JAMES R. (S'36), Student, Polytechnic College, 1310 Madison St., Oakland, Calif. For mail: 907 Alabama St., Vallejo, Calif.
- MILLER, JOHN C. (A'31), Millers Wireless, 51, Leith St., Edinburgh, 1, Scotland.
- MILLER, JOHN H. (A'19-M'25), Assistant Chief Engineer, Weston Electrical Instrument Corporation, 614 Frelinghuysen Ave., Newark, N.J.
- MILLER, JOHN M. (F'36), Research Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- MILLER, MARVIN L. (A'17), Sales Representative, Willard Storage Battery Company, Chrysler Bldg., New York, N.Y. For mail: 789 St. Marks Ave., Brooklyn, N.Y.
- MILLER, R. F. (A'18), College of Emporia, Emporia, Kan.
- MILLER, ROBERT A. (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- MILLER, WAYNE (A'29), Transmitter, Research Engineer, First National Television, Inc., Power and Light Bldg., Kansas City, Mo.
- MILLS, ELMER E. (A'26), Manufacturer's Representative, Elmer E. Mills and Company, 205 W. Wacker Dr., Chicago, Ill.
- MILLS, JOHN (M'16-F'30), Director of Publications, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- MILNOR, J. WILLARD (A'16-M'26), Transmission Engineer, Western Union Telegraph Company, 60 Hudson St., New York, N.Y.
- MIMS, MORRILL P. (A'36), Owner, Mims Radio Company, Box 504, Texarkana, Ark.
- MINGAY, OSWALD F. (A'30-M'33), Managing Director and Editor, Australian Radio Publications, Ltd., 30 Carrington St., Sydney, N.S.W., Australia. For mail: G.P.O. Box 3765, Sydney, N.S.W., Australia.
- MINGINS, CHARLES R. (A'36), Instructor in Physics, State College, Albany, N.Y.
- MINNIUM, BYRON B. (A'25), Vice-President in Charge of Engineering, Erie Resistor Corporation, 644 W. 12th St., Erie, Pa. For mail: 4515 Roslindale Ave., R.R. 4, Erie, Pa.
- MINTER, R. WHEATLEY (A'24-M'34), 43 Park Rd., Bromley, Kent, England.
- MIRICK, CARLOS B. (A'15-M'29), Radio Engineering, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: 3314 Newark St., N.W., Washington, D.C.
- MIRK, DAVID B. (A'25-M'32), Radio Manager, Standard Telephones and Cables, Ltd., Oakleigh Rd., New Southgate, London, N. 11, England.
- MIRON, VLADIMIR C. (A'35), Radio Engineer, Aladdin Radio Industries, 466 W. Superior, Chicago, Ill.
- MISENER, GARLAND C. (A'35), Physicist, Research Laboratory, Eastman Kodak Company, Rochester, N.Y. For mail: 100 Beverly Heights, Rochester, N.Y.
- MISENHEIMER, HARVEY N. (A'22-M'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., Rm. 634, 463 West St., New York, N.Y.
- MITCHELL, ALBERT R. (A'33), Proprietor, Radio Equipment Shop, 15 Claremont St., Shrewsbury, England.
- MITCHELL, ALEXANDER M. (A'34),

- Comptroller, Alberta Government Telephones, 400 C.P.R. Bldg., Edmonton, Alta., Canada.
- MITCHELL, CLAIR D.** (A'23-M'27), Commercial Engineer, RCA Manufacturing Company, Inc., Harrison, N.J. For mail: 214 Franklin St., Bloomfield, N.J.
- MITCHELL, DONALD H.** (A'35), Chief Engineer, Galvin Manufacturing Company, 847 W. Harrison St., Chicago, Ill. For mail: 6555 N. Campbell St., Chicago, Ill.
- MITCHELL, ISAAC A.** (A'31), President, United Transformer Corporation, 72 Spring St., New York, N.Y.
- MITCHELL, WALTER R.** (A'34), Proprietor, Radio Service Laboratories, 225 S. Santa Fe, Salina, Kan. For mail: 534 S. Ninth St., Salina, Kan.
- MITUI, HIROSI** (A'35), Radio Engineer, Nonoichi Broadcasting Station, Nonoichi-machi, Ishikawaken, Japan.
- MIYAKE, IWAO** (A'35), Instructor in Physics, University of Hawaii, Honolulu, T.H.
- MIYAKOSI, KAZUO** (A'36), Japan Wireless Telegraph Company, Ltd., Oteto, Tokyo, Japan. For mail: Nihon Musendensin Kaisha, Ono-Mati, Hyogo-Ken, Japan.
- MIZELL, MAXWELL H.** (A'26), Captain, U. S. Marine Corps, Marine Detachment, American Embassy, Peiping, China. For mail: c/o Postmaster, Seattle, Washington.
- MIZUNO, TOSHIO** (A'32), JOFK, Hara Sending Station, Haramura, Asagun, Hiroshimaken, Japan.
- MODRAK, PETER** (A'23), Director, Telecommunications of Warsaw, Ministry of Posts and Telegraphs, Nowogrodzka 45, Warszawa, Poland. For mail: Barbary 2AM6, Warszawa, Poland.
- MOE, ROBERT E.** (S'33-A'35), Junior Engineer, Radio Department, General Electric Company, 1285 Boston Ave., Bridgeport, Conn. For mail: 334 Ridgefield Ave., Bridgeport, Conn.
- MOEDER, WILLIAM D.** (A'30), Instructor, School of Electrical Engineering, Cornell University, Ithaca, N.Y.
- MOENCH, HERMAN A.** (A'32), Instructor in Electrical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. For mail: 47 S. 15th St., Terre Haute, Ind.
- MOFFETT, LE ROY, JR.** (A'29), Radio Engineer, National Broadcasting Company, Merchandise Mart, Chicago, Ill. For mail: WENR Transmitter, Downers Grove, Ill.
- MÖGEL, HANS I.** (M'36), Research Engineer, Reichspostzentralamt, Berlin-Tempelhof, Germany. For mail: Pestalozzistrasse 6, Potsdam, Germany.
- MOGRIDGE, JAMES N.** (A'27), Broadcast Engineer, Canadian Radio Commission, 805 Davenport Rd., Toronto, Ont., Canada. For mail: 77 Burnaby Blvd., Toronto, Ont., Canada.
- MOHL, JOSEPH F.** (J'32-A'33), 8332 Congress Ct., Cleveland, Ohio.
- MOLE, JOHN E.** (S'36), Student, Polytechnic College, Oakland, Calif. For mail: 3847 Randolph Ave., Oakland, Calif.
- MOLE, JOHN H.** (S'36), Demonstrator, City and Guilds College, Exhibition Rd., South Kensington, London, S.W. 7, England. For mail: 17 Park Ave., West Twyford, London, N.W. 10, England.
- MOLER, A. R.** (A'25), Chief Engineer, Midland Broadcasting Company, Kansas City, Mo. For mail: 1326 Kensington, Independence, Mo.
- MOLZEN, CHARLES F.** (A'26), Engineer, De Jur Amoco Corporation, Bridge St., Shelton, Conn. For mail: 79 Elmhurst Ave., Stratford, Conn.
- MOMMO, ERNEST J.** (A'22), 11 Hennessy Pl., Irvington, N.J.
- MOMOTSUKA, KIWAMU** (A'31), Master of Okehazama Station, Okehazama Hosojo, Arimatsucho Aichiken, Japan.
- MONACHESI, LUIGI** (A'36), Engineer, Office Radiotelegrafiche Marconi, Via Varese 3, Genova, Italy. For mail: Via Giordano Bruno 18, Genova, Italy.
- MONDERER, B. ALLEN** (S'35), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 1467 Fargo Ave., Chicago, Ill.
- MONFORT, RAYMOND A.** (A'36), National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y. For mail: 35-20-73rd St., Jackson Heights, L.I., N.Y.
- MONTGOMERY, ANDREW P.** (A'28), Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 111 Iona Ave., Narberth, Pa.
- MONTGOMERY, ALEXANDER W.** (M'31), Telephone Engineer, Standard Telephones and Cables, Ltd., N. Woolwich, London, E. 16, England. For mail: 29 The Gardens, Vaughan Rd., Harrow, Middx., England.
- MONTGOMERY, BRUCE E.** (S'34), Milan, Mo.
- MONTI-GUARNIERI, GAETANO** (A'31), Chief Radio Engineer, Fabbrica Italiana Magneti Marelli, Milano, Italy, Sesto S. Giovanni. For mail: Via Fallopio 5, Milano, Italy.
- MONTLLOR, JAMES A.** (J'36), 229 Summit Ave., Bogota, N.J.
- MOODY, ROBERT C.** (A'32), Chief Engineer, KDB, 15-17 E. Haley St., Santa Barbara, Calif. For mail: 1310 Cacique St., Santa Barbara, Calif.
- MOON, JOHN L.** (A'36), Radio Designer, The Gramophone Company, Ltd., Hayes, Middx., England. For mail: 6 Summer Ave., East Molesey, Surrey, England.
- MOONEY, VINCENT J.** (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 76 Grozier Rd., Cambridge, Mass.
- MOORE, ADAM H.** (A'29), Assistant Radio Engineer, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- MOORE, ERIC J. T.** (M'27), Consulting Engineer, 12/14 O'Connell St., Sydney, N.S.W., Australia.
- MOORE, J. BURTON** (A'26), Radio Superintendent, Michigan Wireless Telegraph Company; Wyandotte Transportation Company; Huron Transportation Company, Wyandotte, Mich.
- MOORE, JACK** (A'35), West Falmouth, Mass.
- MOORE, JOHN B.** (A'26), Development Engineer, RCA Communications, Inc., Riverhead, L.I., N.Y. For mail: Box 235, Riverhead, L.I., N.Y.
- MOORE, JOHN T.** (A'28), Radio Engineer, John Mills Sons, 63 Grainger St., W., Newcastle-on-Tyne, England. For mail: 22 Ivy Rd., Wylde Green, Nr. Sutton, Coldfield, Birmingham, England.
- MOORE, LEE T.** (A'32), Service Engineer, 3553 E. Tulare St., Fresno, Calif.
- MOORE, MORTON E.** (S'34-A'35), Laboratory Assistant, Square D. Company, 1320 E. 16th St., Los Angeles, Calif. For mail: 1418 N. Spaulding Ave., Hollywood, Calif.
- MOORE, RALPH E.** (A'35), Radio Serviceman, 428 Market St., San Francisco, Calif. For mail: 4135 Opal St., Oakland, Calif.
- MOORE, RAYMOND M.** (A'36), Technician, Earl C. Anthony, Inc., 1000 S. Hope St., Los Angeles, Calif. For mail: 1627 N. Alvarado St., Los Angeles, Calif.
- MOORE, ROBERT C.** (S'32-A'34), Student, St. John's College, Oxford, England.
- MOORE, ROBERT M.** (A'31), Transmission Engineer, Southern California Telephone Company, 740 S. Olive St., Los Angeles, Calif. For mail: 935 Palm Ter., Pasadena, Calif.
- MOORE, W. RAY** (A'36), Chemist, Hygrade Sylvania Corporation, St. Marys, Pa.
- MOORE, WILLIAM H.** (J'27-A'28), Electrical Engineer, LIAMH Marconi Company.

- Ltd., Montreal, Que., Canada. For mail: 460 Grosvenor Ave., Westmount, Que., Canada.
- MOORE, WILLIAM M.** (S'34-A'36), Refinery Fireman, American Zinc Oxide Company, 1363 Windsor Ave., Columbus, Ohio. For mail: 1896 N. High St., Columbus, Ohio.
- MOORE, WILLIAM P.** (A'36), Chief Engineer, WDAE, Tampa Times Company, 114 S. Franklin St., Tampa, Fla. For mail: 339 Plant Ave., Tampa, Fla.
- MOORHEAD, GEORGE H.** (A'26), Supervising Radioman, American Telephone and Telegraph Company, Box 126, Inverness, Calif.
- MORAN, WILLIAM G.** (A'35), Department Head, Special Products Engineering Department, Westinghouse Lamp Company, Engineering Bldg., Clearfield Ave., Bloomfield, N.J.
- MORCH, VERNER H.** (A'33), Electrical Engineer, Philips A/S. Krystalgade 15, Copenhagen, Denmark. For mail: 3 Viggo Rothesvej, Charlottelund, Denmark.
- MORE, CLIFTON C.** (A'29), Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail 3290-48th St., Merchantville, N.J.
- MOREHOUSE, WALTER B.** (M'36), In Charge, Power Tube Development and Production Department, Raytheon Production Corporation, 55 Chapel St., Newton, Mass. For mail: 16 Ware Rd., Auburndale, Mass.
- MORELOCK, O. J., JR.** (A'35), Engineer, Radio Engineering Department, Weston Electrical Instrument Corporation, 614 Frelinghuysen Ave., Newark, N.J.
- MORGAN, HOWARD K.** (A'27), Aircraft Radio Engineer, Transcontinental and Western Air, Inc., 10 Richards Rd., Kansas City, Mo. For mail: 404 E. 47th Ter., Kansas City, Mo.
- MORGAN, JEREMIAH M.** (A'35), Television Testman, RCA Manufacturing Company, Inc., Camden, N.J. For mail: Hilltop Ave., Somerdale, N.J.
- MORGAN, RALPH T., JR.** (A'35), Test Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 36 Greenhill Ave., Springfield, Pa.
- MORI, NOBUMITU** (A'30), Asahikawa Hōshōkyoku, 5 Zyō 20 Tyōme Asahikawa-Si Hokkaidō, Japan.
- MORITZ, BURT E., JR.** (A'34), B. E. Moritz and Company, 1664 Steele St., Denver, Colo.
- MORIWAKI, KATSUMI** (A'25), Designer of Radio Apparatus, Oki Electric Company, Ltd., 1 Nichōme Tsukimichō Shibaku, Tokyo, Japan. For mail: 2552 Gochome, Kamimeguro Meguroku, Tokyo, Japan.
- MORRIN, THOMAS H.** (S'35), Student, University of California, Berkeley, Calif. For mail: Waterman, Calif.
- MORRIS, ALFRED** (A'31), Superintending Engineer, G.P.O. Engineering Department, South Lancs. District, 13, Quay St., Manchester, 3, England.
- MORRIS, F. GLENN, JR.** (S'35), Student, Harvard University, Cambridge, Mass. For mail: B-45, Adams House, Cambridge, Mass.
- MORRIS, GEORGE W.** (A'19), Signal Corps Instructor, Headquarters, First Corps Area, U. S. Army Base, Boston, Mass.
- MORRIS, HEDLEY B.** (A'28), Assistant Superintendent, RCA Communications, Inc., Box 446, Manila, P.I.
- MORRIS, LLOYD P.** (A'27), 1406 S. West Ave., Jackson, Mich.
- MORRIS, RICHARD P.** (A'30-M'31), Wireless Engineer, Government of Hong Kong, Public Works Department, Hong Kong.
- MORRIS, ROBERT M.** (A'26), Development Engineer, National Broadcasting Company, 711 Fifth Ave., New York, N.Y. For mail: 22 Mountain View Rd., Milburn, N.J.
- MORRIS, THEO. W.** (A'36), Electrician, D.C. Incinerator, First and Ost, S.E., Washington, D.C. For mail: 219 Holly Ave., Takoma Park, Md.
- MORRISON, ARTHUR C.** (A'32), Electrical Engineer, Matson Navigation Company, 215 Market St., San Francisco, Calif.
- MORRISON, GLENN K.** (A'36), Supervisor, Electrical Equipment Engineering, RCA Manufacturing Company, Inc., RCA Radio-iron Division, 415 S. Fifth St., Harrison, N.J. For mail: 95 Hillside Ave., Verona, N.J.
- MORRISON, HOWARD** (A'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y. For mail: 4 Glen Rd., Morristown, N.J.
- MORRISON, JOHN F.** (A'29-M'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- MORSE, JOHN E.** (A'34), Operator, WOR, Bamberger Broadcasting Service, 1440 Broadway, New York, N.Y. For mail: Gillette, N.J.
- MORSE, LOUIS R.** (A'26), Production Manager, Philippine Film Productions, Inc., 179 Inverness, Sta. Ana, Manila, P.I.
- MORTON, ADELBERT R.** (M'35), Central Radio Laboratories, Globe-Union Manufacturing Company, 900 E. Keefe Ave., Milwaukee, Wis. For mail: 18 Maple St., Brooklyn, N.Y.
- MORTON, GEORGE A.** (A'35), Research Engineer, RCA Manufacturing Company, RCA Victor Division, Camden, N.J. For mail: 261 Jacksburry Ave., Audubon, N.J.
- MORTON, JACK A.** (A'36), 929 Olivia, Ann Arbor, Mich.
- MORTON, RUSSELL S.** (A'33), Radio Sales and Service, 190 E. Broadway, Salem, N.J.
- MOSELEY, FRANCIS L.** (A'33), Engineer, Sperry Gyroscope Company, Inc., Manhattan Bridge Plaza, Brooklyn, N.Y.
- MOSER, WILHELM** (A'36), Engineer, Telefonk. G.m.b.H., Berlin, S.W. 11, Hallesches, Ufer 12, Germany.
- MOSS, TERRY L.** (A'29), KWTO and KGBX, Springfield, Mo.
- MOTT, HAROLD E.** (A'22), H. E. Mott Company, Ltd., Brantford, Ont., Canada.
- MOULES, JOHN W.** (A'33), Assistant Maintenance Engineer, British Broadcasting Corporation, North Regional Transmitter, Moor-side Edge, Slaithwaite, Yorks., England. For mail: 7 Celandine Ave., Salendine Nook, Huddersfield, Yorks., England.
- MOULLIN, ERIC B.** (M'27), Reader in Engineering Science, University of Oxford, Engineering Laboratory, Parks Rd., Oxford, England.
- MOULTON, THEODORE S.** (A'36), Accountant, American Paint and Varnish Manufacturers Association, Inc., 2201 New York Ave., N.W., Washington, D.C. For mail: 2115 Pennsylvania Ave., N.W., Washington, D.C.
- MOURADIAN, H.** (A'16), Toll Fundamental Plan Engineer, Bell Telephone Company of Pennsylvania, 1835 Arch St., Philadelphia, Pa.
- MOUROMTSEFF, ILIA E.** (A'34), Research Engineer, Westinghouse Electric and Manufacturing Company, Bloomfield, N.J. For mail: 219 Montclair Ave., Montclair, N.J.
- MOUTOUX, EDWIN G.** (A'31), Radio Operator, Michigan Limestone Company, Rogers City, Mich. For mail: 24 W. Louisiana St., Evansville, Ind.
- MOXON, ALFRED W.** (A'36), Engineer, Eastman Kodak Company, Rochester, N.Y. For mail: 211 Park Rd., Point Pleasant, N.Y.
- MOYER, LANDO K.** (A'36), R.R. 1, Perkasié, Pa.
- MUCHER, GEORGE J.** (A'36), Chief Engineer, Clarostat Manufacturing Company, Inc., 285 N. Sixth St., Brooklyn, N.Y.
- MUCHOW, ALBERT J.** (A'35), Laboratory Assistant, General Engineering Laboratory, General Electric Company, Schenectady, N.Y.

- MUELLER, CHARLES W. (S'35-A'36), Junior Radio Tube Engineer, Raytheon Production Corporation, 55 Chapel St., Newton, Mass. For mail: 47 Bridge St., Newton, Mass.
- MUELLER, EUGENE L. (A'36), 8012 Kimbark Ave., Chicago, Ill.
- MUELLER, WILLIAM A. (A'34), Chief Engineer, Sound Department, Warner Bros. Pictures, Inc., Burbank, Calif. For mail: 5011 Ambrose Ave., Hollywood, Calif.
- MUELLER, WILLIAM P. (S'32-A'35), Tube Application Department, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 31 W. Fourth St., Emporium, Pa.
- MUFFLY, GARY (S'32-A'35), Radio Engineer, Gulf Research and Development Company, Box 2038, Pittsburgh, Pa. For mail: 1007 Hulton Rd., Oakmont, Pa.
- MUKERJI, S. N. (A'35), Physical Assistant, Indian Stores Department, Research Branch, Government Test House, Alipore, Calcutta, India.
- MULLEN, WILLIAM C. (A'36), Radio Service Shop, 157 North St., Bennington, Vt. For mail: 234 S. Second Ave., Mount Vernon, N.Y.
- MULLENEUX, HARRY J. (A'33), Electrical Engineer and Wireless Officer, Great Indian Peninsula Railway, Indian State Railways, Railway Board, Parel, Bombay, India.
- MULLER, CONRAD R. (S'35), California Institute of Technology, Pasadena, Calif.
- MULLER, FRED (M'30), Sales Engineer, Collins Radio Company, 11 W. 42nd St., New York, N.Y. For mail: Hillside Ave., Monsey, N.Y.
- MULLER, JOHN H. (A'30), Manager, Plant Valuation Division, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- MULLIN, LE ROY A. (A'31), Assistant Professor of Electrical Engineering, Syracuse University, Syracuse, N.Y. For mail: 22 Applied Science, Syracuse University, Syracuse, N.Y.
- MUMFORD, ALBERT H. (A'28), Assistant Staff Engineer, British Post Office, Radio Branch, P.O. Research Station, Dollis Hill, London, England. For mail: 27, Grendon Gardens, Wembley Park, Middx., England.
- MUMFORD, WILLIAM W. (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., Holmdel, N.J. For mail: Box 107, Red Bank, N.J.
- MUNRO, GEORGE H. (A'30), Electrical Engineering Department, University of Sydney, Sydney, N.S.W., Australia.
- MUNTON, JOHN D. (A'31), Manager, Communications Department, Atlantic Refining Company, 260 S. Broad St., Philadelphia, Pa.
- MUNZER, LOUIS F. (A'31), Engineer, RCA Communications, Inc., Tuckerton, N.J. For mail: Box 215, Tuckerton, N.J.
- MURAI, FRED H. (J'30-A'32), Radio Service Technician, Nylon Brothers and Company, Ltd., 223 S. King St., Honolulu, T.H. For mail: c/o J. T. MacIntyre, Box 2390, Honolulu, T.H.
- MURAL, FRANK (A'36), Radio Engineer, Philco Radio and Television Corporation, Ontario and C Sts., Philadelphia, Pa. For mail: 411 N. Daggett St., Philadelphia, Pa.
- MURASE, KAZUO (A'34), Broadcasting Corporation of Japan, Shiba-ku Atago-Yama, Tokyo, Japan. For mail: 2-107 Ogikubo, Sugiami-ku., Tokyo, Japan.
- MURCKE, S. J. (A'36), Test Engineer, Electronic, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. For mail: 312 Viola Ave., Duquesne, Pa.
- MURPHY, EDWARD J. (A'36), Engineer-in-Charge, RCA Communications Inc., Box 212, Crown Point, Ind.
- MURPHY, FRANCIS M. G. (A'33), Research Engineer, Marconi's Wireless Telegraph Company Ltd., Chelmsford, Essex, England.
- MURPHY, FRANK (A'28), Chairman, Murphy Radio, Ltd., Welwyn Garden City, Herts., England.
- MURPHY, PATRICK J. (A'36), Lieutenant, Army Signal Corps, Baldonnel Aerodrome, Clondalkin, County Dublin, Irish Free State.
- MURPHY, WILLIAM H. (M'25), Major, U. S. Army, Fort Monmouth, Oceanport, N.J.
- MURR, VANCE E. (A'32), Eastern Air Lines, 36th St. Airport, Miami, Fla. For mail: Rialto Hotel, Hialeah, Fla.
- MURRAY, ALBERT F. (A'20-M'26), Engineer-in-Charge of Television, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: Haddonfield Manor, Haddonfield, N.J.
- MURRAY, DONALD A. (A'35), Electrical Engineer, Heinz and Kaufman, Ltd., South San Francisco, Calif. For mail: Box 924, San Bruno, Calif.
- MURRAY, FORREST H. (A'36), Statistician, Illinois Department of Labor, 205 W. Wacker Dr., Chicago, Ill. For mail: 5412 Kimbark Ave., Chicago, Ill.
- MURRAY, JOHN W. (A'36), Service Engineer and Manager, Radio Department, W. W. Ingram and Company, Ltd., "The Tool House," Box 163, Nairobi, Kenya Colony, East Africa.
- MURRAY, WILLIAM A. (A'20), Head, Department of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va.
- MURRI, JOSEPH (A'27), Electrical Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 3933 N. Seventh St., Philadelphia, Pa.
- MURTHY, T. V. R. (A'35), Research Student, Department of Electrical Technology, Indian Institute of Science, Hebbal, Bangalore, South India.
- MUSSELWHITE, WALTER E. (A'36), Arthur Conyers, Electrical and Radio Engineer, Blandford, Dorset, England. For mail: Charlton Marshall, Blandford, Dorset, England.
- MUSSER, CHARLES W. (A'36), Radio Engineer, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 1822 New St., Indianapolis, Ind.
- MUZQUIZ CARRANZA, GILBERTO (A'36), Mexican Government Radio Inspector, President of Radio Commercial SRL, Apartado Postal 2311, Mexico, D.F.
- MUZZEY, DAVID S., JR. (A'34), Physicist, Shell Petroleum Corporation, Geophysics Division, 3705 Bellaire Blvd., Houston, Tex.
- MYER DWIGHT A. (A'35), Plant Manager, WBZ, Westinghouse Electric and Manufacturing Company, Hotel Bradford, Boston, Mass.
- MYERS, ARTHUR F. (A'33), Radio Operator, WAAW, Omaha Grain Exchange, Omaha, Neb. For mail: 1451 S. 15th St., Omaha, Neb.
- MYERS, GILBERT B. (A'27), Lieutenant Commander, U. S. Navy, Navy Department, Washington, D.C.
- MYERS, HENRY W. (A'36), Engineering Chemist, Hygrade Sylvania Corporation, Emporium, Pa. For mail: Box 83, Emporium, Pa.
- MYERS, JACK S. (S'35), Student, University of Washington, Seattle, Wash. For mail: Box 774, Blaine, Wash.
- MYERS, WILLARD D. (A'28), Theatre Service Engineer, Warner Bros. Pictures, Inc., 217 Clark Bldg., Pittsburgh, Pa. For mail: Greentown, Ohio.

N

- NAFZGER, LESTER H. (F'30-A'32), Chief Engineer, WBNS, Inc., 33 N. High St., Columbus, Ohio. For mail: S. State St., Westerville, Ohio.
- NAGAI, KENZO (A'29), Professor of Electrical Engineering, College of Engineering,

NAG-NIC

- Tohoku Imperial University, Sendai, Japan. For mail: No. 12, Mototokiwa-cho, Sendai, Japan.
- NAGAMURA, S.** (A'31), Ogawa Receiving Station JOIK, Ogawa, Miyabo-mura, Ishikawa-gun, Ishikawa Prefecture, Japan.
- NAGY, ALADEN W.** (J'26-A'27), Research Laboratory, Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn, N.Y. For mail: 40 Sidney Pl., Brooklyn, N.Y.
- NAKAGAMI, TOYOKICHI** (M'20), Chief Engineer, International Telephone Company of Japan, Osaka Bldg., Uchisaiwai cho, Kojimachiku, Tokyo, Japan. For mail: No. 4, Sacmiyosicho, Nakanoku, Tokyo, Japan.
- NAKAI, TOMOZO** (A'29), Assistant Professor, Electrical Engineering Department, Tohoku Imperial University, Sendai, Japan.
- NAKAMOTO, WARREN H.** (A'36), Proprietor and Manager, Warren's Radio and Electrical Service, 1466 S. King St., Honolulu, T.H.
- NAKAMURA, T.** (M'29), Commander, Imperial Japanese Navy, Inspector's Office, 1 Madison Ave., New York, N.Y.
- NAMBA, SHOHO** (A'29), Research Engineer, Electrotechnical Laboratory, Ministry of Communications, Gotanda, Tokyo, Japan. For mail: c/o Denki-shikenjo, Gotanda, Shinagawa-ku, Tokyo, Japan.
- NAMBA, YASUKAZU** (A'25), Radio Engineer, Electrotechnical Laboratory, Denki-Shikenjo, 4bu, Shimo-Osaki, Ebargun, Tokyo, Japan. For mail: 15 Sakuragawacho, Shiba, Tokyo, Japan.
- NANCARROW, FREDERICK E.** (M'22), Staff Engineer, Engineering Department, General Post Office, London, England. For mail: 72 Chambers La., Willesden Green, London, N.W. 10, England.
- NARASIMHAIYA, RODDAM L.** (A'35), Lecturer in Physics, University of Mysore, Department of Physics, Central College, Bangalore, South India. For mail: 8, Police Station Rd., Basavanagudi, Bangalore, South India.
- NARAYANAN, P. L.** (A'32), Engineer-in-Charge, The Gramophone Company, Ltd., 28 Rampart Row, Fort, Bombay, India.
- NASLUND, RUBERT S.** (J'34-A'36), Assistant Engineer, KDAL, Duluth, Minn.
- NAUGHTON, GERALD J.** (A'35), Apt. 2, 785 N. Cass St., Milwaukee, Wis.
- NEBE, HAROLD G.** (A'35), Chief Engineer, Radio Station WSMB, Inc., Maison Blanche Bldg., New Orleans, La.
- NEE, SANGTA** (A'25), Physics Department, National Central University, Nanking, China.
- NEELON, W. J.** (A'36), Sales Representative, 715 Amherst St., Buffalo, N.Y.
- NEELY, GUY M.** (A'30), 4609-15th St., N.W., Washington, D.C.
- NEIL, WENDELL L.** (A'34), Unit Commander, Naval Communication Reserve, Box 1626, Shreveport, La.
- NELLSON, NEL S.** (A'35), Instructor, General Motors Institute, Flint, Mich. For mail: 234 W. Witherbee, Flint, Mich.
- NELLY, JOSEPH W.** (S'35), 55 Sunshine Rd., Upper Darby, Pa.
- NEIMAN, WILLIAM E.** (A'34), Electrical Engineer, Utility Consumers, Inc., 470 Fourth Ave., New York, N.Y. For mail: 3728-86th St., Jackson Heights, L.I., N.Y.
- NEIMO, PETER J.** (A'30), Lieutenant, U. S. Navy, Assistant District Communication Officer, Sixteenth Naval District, Navy Yard, Cavite, P.I.
- NEKUT, ANTHONY G.** (J'35), Student, School of Technology, College of the City of New York, New York, N.Y. For mail: 2536 Hering Ave., New York, N.Y.
- NELIGAN, SEAN.** (A'36), Army Officer, Defence Forces, Irish Free State, Department of Defence, Parkgate, Dublin, Irish Free State. For mail: 31 St. Helens Rd., Booters-town, County Dublin, Irish Free State.
- NELSON, CRESCENT F.** (M'31), General Cable Electrician, Western Union Telegraph Company, 60 Hudson St., New York, N.Y. For mail: 138 Prescott Ave., New Dorp, S.I., N.Y.
- NELSON, EDWARD L.** (A'19-M'25), Radio Development Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- NELSON, JAMES D.** (A'36), Radioman 1st Class, U. S. Navy, U.S.S. *Detroit*, San Diego, Calif.
- NELSON, JAMES R.** (A'27-M'29), Radio Engineer, Raytheon Production Corporation, Newton, Mass. For mail: 55 Chapel St., Newton, Mass.
- NELSON, ORRIN B.** (A'28), Electric and Radio Service, Gillette Rubber Company, 299 Wisconsin St., Eau Claire, Wis. For mail: 1816 Aitona Ave., Eau Claire, Wis.
- NELSON, WALTER H.** (A'31), Radio Engineer, General Electric Company, Bridgeport, Conn. For mail: 2061 Huntington Tpke., Nichols, Conn.
- NERGAARD, LEON S.** (A'29), Research Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- NESS, DELMER N.** (A'36), Box 604, Fairhope, Ala.
- NESSLAGE, CHARLES F.** (A'34), Development Engineer, RCA Manufacturing Company, Inc., 415 S. Fifth St., Harrison, N.J.
- NESTLER, WASSON W.** (S'36), Student, California Institute of Technology, Pasadena, Calif. For mail: 400 N. Holliston Ave., Pasadena, Calif.
- NESTOR, JAMES** (J'36), Radio Serviceman, 2831 W. Second St., Brooklyn, N.Y.
- NEUERT, H. L.** (A'30), Service Engineer, Electrical Research Products, Inc., 250 W. 57th St., New York, N.Y. For mail: 4509 Westway, Toledo, Ohio.
- NEVILLE, T. P.** (A'28), Patent Attorney, 463 West St., New York, N.Y.
- NEWBOLD, W. H.** (A'28), Advanced Tuned Radio-Frequency Development, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 240 W. Maple Ave., Langhorne, Pa.
- NEWCOMB, ROBERT D.** (A'30), Design Engineer, Radio Supply Company, 912 S. Broadway, Los Angeles, Calif. For mail: 723 W. Doran St., Glendale, Calif.
- NEWELL, HOBART H.** (A'22-M'30), Assistant Professor, Experimental Electrical Engineering, Electrical Engineering Department, Worcester Polytechnic Institute, Worcester, Mass.
- NEWHOUSE, ARVID B.** (S'34-A'36), Radio Engineer, E. F. Johnson Company, Waseca, Minn. For mail: 111 Fifth Ave., N.W., Waseca, Minn.
- NEWHOUSE, RUSSELL C.** (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- NEWNHAM, LEONARD E.** (A'36), 145 Victoria Rd., N., Southsea, Hants., England.
- NEWTON, HAROLD D.** (A'36), Assistant Patent Attorney, RCA Patent Department, Bldg. 5, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 276 Merion Ave., Haddonfield, N.J.
- NEWTON, WILLIAM W.** (A'31), Supervisor, Geotechnical Corporation, 902 Tower Petroleum Bldg., Dallas, Tex.
- NICELY, RALPH N.** (A'22), Plant Superintendent, American Telephone and Telegraph Company, 32 Sixth Ave., New York, N.Y.
- NICHOLIDES, EMMANUEL C.** (J'27-A'30), 863 Riverside Dr., New York, N.Y.
- NICHOLLS, GEOFFREY K.** (A'35), Cables and Wireless Ltd., Ras Boradii, Aden, Arabia.
- NICHOLS, HARRY J.** (A'36), Engineer, International Business Machines Corporation, Endicott, N.Y. For mail: 9 Beethoven Ave., Binghamton, N.Y.

- NICHOLS, JAMES L. (A'36), Sales Division, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 5961 University Ave., Indianapolis, Ind.
- NICHOLS, LEROY C. (A'22), District Manager, Weston Electrical Instrument Corporation, 50 Church St., New York, N.Y.
- NICHOLS, WILLIAM A. (A'29), Engineer, Special Products Department, Northern Electric Company, Ltd., 1261 Shearer St., Montreal, Que., Canada. For mail: 3438 Walkley Ave., N.D.G., Montreal, Que., Canada.
- NICKERSON, FRED W. (A'29), Guided Radio Corporation, 420 Lexington Ave., New York, N.Y.
- NICOLE, AMÉDÉE (A'36), Ingénieur, E. Paillard et Cie. S.A., Ste. Croix, Switzerland. For mail: "La Tourelle" Ste. Croix, Switzerland.
- NIELSEN, JOHN E. (A'25), Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- NIELSEN, HAROLD V. (A'25), Chief Engineer and Assistant Manager, Sparks Withington Company, Radio Division, Jackson, Mich. For mail: 755 W. Michigan Ave., Jackson, Mich.
- NIELSEN, HARRY A. (A'32), Transmission Supervisor, American Telephone and Telegraph Company, Stuart, Iowa. For mail: Box 94, Stuart, Iowa.
- NIKIRK, THOMAS E. (A'27), Sales Engineer, Pacific Radio Exchange, Inc., 729-731 S. Main St., Los Angeles, Calif. For mail: 549 S. Berkeley Ave., Pasadena, Calif.
- NIKONENKO, PAUL V. (A'27), Chanslor and Lyon, Inc., 740 Polk St., San Francisco, Calif. For mail: 2461 Post St., San Francisco, Calif.
- NILSSON, G. ALB. (A'31), Chief Assistant, "Statens Maskin och Redskapsprovninganstalter," Alnarp, Akaro, Sweden. For mail: Villa, Bjorka, Lund, Sweden.
- NILSON, ARTHUR R. (J'16-A'18-M'25), Radio Technical Author and Instructor, 33 Valley Rd., Larchmont, N.Y.
- NIMMCKE, FREDERICK E. (A'29), Radio Development Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- NISLEY, PAUL H. (A'27), Plant Superintendent, Voltarc Tubes, Inc., 79 Orange St., Newark, N.J. For mail: 415 West 24th St., New York, N.Y.
- NIWA, YASUJIRO (A'25), Nippon Electric Company, 2 Mita-Shikoku-Machi, Shiba-ku, Tokyo, Japan.
- NOBLE, DANIEL E. (A'25), Assistant Professor of Engineering, Connecticut State College, Storrs, Conn. For mail: Box 425, Storrs, Conn.
- NOBLE, H. V. (A'34-M'35), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 20 Harrison Ave., Erlton, N.J.
- NODEN, JOSEPH (A'27), Radio Engineer, Fern Villa, Coppice Rd., Willaston, Nantwich, England.
- NODINE, WESLEY I. (A'31), Radio Sales and Service Supervisor, Philadelphia Storage Battery Company, 311 Genesee Bldg., Buffalo, N.Y. For mail: 167 Summit St., Batavia, N.Y.
- NOE, MILFORD W. (A'35), Radio Engineer, Don Lee Broadcasting System, 1076 W. Seventh St., Los Angeles, Calif. For mail: Apt. 200-A, 5537 La Mirada, Los Angeles, Calif.
- NOEL, LIONEL S. (A'36), Chief Production Engineer, Colonial Radio Corporation, 254 Rano St., Buffalo, N.Y. For mail: 16 Linden, Kenmore, N.Y.
- NOIZEUX, PIERRE J. (A'30), Assistant General Manager, Transradio Internacional, San Martin 329, Buenos Aires, Argentina.
- NOLAN, ARTHUR B. (A'27), Radio Opera-
- tor, Pan American Airways, Inc., 1144 Airway, Glendale, Calif.
- NOMURI, TATSUJI (A'35), Engineer, Technical Department, Broadcasting Corporation of Japan, Tokyo, Japan. For mail: 15 Sakuragi-cho, Ueno, Shitaya-ku, Tokyo, Japan.
- NORDAHL, JOHN G. (A'27), Member of Technical Staff, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- NORDHAUS, CHARLES H. (A'36), Engineer, McMurdo Silver Corporation, 2900 S. Michigan Blvd., Chicago, Ill. For mail: 4513 N. Lincoln St., Chicago, Ill.
- NORDSTROM, BJORGULF H. (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Roome St., Lincoln Park, N.J.
- NORGAARD, DONALD E. (S'36), Student Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: Y.M.C.A., Schenectady, N.Y.
- NORMAN, FREDERICK A. (A'33), Norman and Price, Radio and Electrical Dealers, 183 High St., Smethwick, Staffs., England. For mail: "Westbourne," Broomfield Rd., Smethwick, Staffs., England.
- NORRIS, ALFRED G. (A'35), Director, Radio College of Canada, 863 Bay St., Toronto, Ont., Canada.
- NORRIS, FERRIS W. (A'30-M'33), Associate Professor of Electrical Engineering, University of Nebraska, Lincoln, Neb.
- NORTH, DWIGHT O. (A'35), Research Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- NORTHROP, PAUL A. (A'36), Professor of Physics, Vassar College, Poughkeepsie, N.Y.
- NORTON, FRANK R. (A'31), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- NORTON, KENNETH A. (A'29), Associate Engineer, Federal Communications Commission, Washington, D.C. For mail: 2123 Tullaw Rd., N.W., Washington, D.C.
- NORVILLE, CHARLES H. (A'32), Breville Radio, Manufacturing Engineers, 486 Elizabeth St., Sydney, N.S.W., Australia.
- NOTTAGE, WILLIAM H. (A'15), Chief of Patent Department, Marconi's Wireless Telegraph Company, Ltd., Electra House, Victoria Embankment, London, W.C. 2, England. For mail: 18 Kings End, Ruislip, England.
- NOURSE, MERRILL S. (S'36), 566 Montclair Ave., Oakland, Calif.
- NOVAK, JOE J. (A'16), 4031 S. Campbell Ave., Chicago, Ill.
- NOVY, JOSEPH F. (A'36), Transmission and Maintenance Supervisor, Columbia Broadcasting System, 410 N. Michigan Ave., Chicago, Ill. For mail: 1915 South East Ave., Berwin, Ill.
- NOYES, ROBERT H. (A'36), Associate Radio Engineer, Signal Corps, U. S. Army, Signal Corps Laboratories, Fort Monmouth, Oceanport, N.J.
- NUDEH, ALEXANDER (A'34), Ordeoni-kidze Radio Factory, Bolshaja Tatarskaja N. 35, Moscow, U.S.S.R. For mail: Novo-Kuznetskaja N.3, kv 8, Moscow 17, U.S.S.R.
- NUESSE, LOUIS W. (A'31), Box 122, Stonington, Conn.
- NUNER, JOHN F., JR. (A'34), Telephone Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 31 Monroe St., Cedar Grove, N.J.
- NUTE, PHILIP R. (S'32-A'36), Managing Engineer, American Electrical Corporation, 43 Purchase St., Boston, Mass. For mail: 51 Unity Ave., Belmont, Mass.
- NYE, JAMES H. (J'35), Student, Capitol Radio Engineering Institute, Washington, D.C. For mail: 249 Boylston St., Brockton, Mass.

O

- OATES, THOMAS L. (A'36), Receiving Engineer, RCA Communications, Inc., Point Reyes, Calif.
- OBERG, RUDOLF O. (A'36), Instructor, Electrical Engineering Department, Northeastern University, 316 Huntington Ave., Boston, Mass.
- O'BRIEN, ELWIN J. (A'27), Assistant Professor and Chief Engineer, KFJM, University of North Dakota, Grand Forks, N.D.
- O'BRIEN, F. GORDON (A'32), Engineer-in-Charge, CJCB and CJCX, Nathanson's Radio Headquarters, 318 Charlotte St., Sydney, N.S., Canada. For mail: Whitney Pier P.O., Sydney, N.S., Canada.
- O'BRIEN, JOHN C. (A'36), Radio Operator, WHEC, Inc., 40 Franklin St., Rochester, N.Y. For mail: 245 Crestwood Blvd., Coldwater, N.Y.
- O'BRIEN, MATTHEW P. (S'34-A'36), Monitor, Globe Wireless, Ltd., 311 California St., San Francisco, Calif. For mail: 3773-20th St., San Francisco, Calif.
- O'BRIEN, WILLIAM J. (A'27), Modern Research Corporation, 126 W. 46th St., New York, N.Y. For mail: 16 Bennett Rd., Teaneck, N.J.
- OCLASSEN, FRANK J. (A'36), Superintendent, Radiophone Department, Philippine Long Distance Telephone Company, Box 444, Manila, P.I.
- O'CONNELL, GERALD (A'27), Technician, O'Connell Radio Laboratories, 424 W. Garfield St., Freeport, Ill.
- O'DAY, MARCUS (A'28), Assistant Professor, Physics Department, Reed College, Portland, Ore. For mail: 3605 S.E. Woodstock Blvd., Portland, Ore.
- O'DONNELL, AMOS L. (A'36), Development Engineer, Amalgamated Wireless, Australasia, Ltd., 554 Parramatta Rd., Ashfield, N.S.W., Australia.
- O'DONOHUE, JAMES P. (A'27), Chief Engineer, Postal Telegraph-Cable Company, 67 Broad St., New York, N.Y.
- O'DONOVAN, DANIEL E. (A'34), Designer, Marconi's Wireless Telegraph Company, Chelmsford, Essex, England. For mail: Russets Vicarage Rd., Chelmsford, Essex, England.
- OETTING, O. W. A. (M'27), Engineer, Globe-Union Manufacturing Company, 900 E. Keefer Ave., Milwaukee, Wis.
- OFFNER, FRANKLIN F. (A'36), Research Assistant, University of Chicago, 951 E. 58th St., Chicago, Ill.
- OGATA, TASHIYUKI (A'36), JOSK, Koura, Hösökyoku, Japan.
- OGG, GLEN R. (A'14), Chief Radio Electrician, U. S. Navy, U.S.S. *Melville*. For mail: c/o Postmaster, San Diego, Calif.
- OGG, JOHN G. (M'36), Technical Officer, Royal Aircraft Establishment, Farnborough, Hants., England. For mail: 99 Highgate La., Farnborough, Hants., England.
- OHL, RUSSELL S. (A'24-M'25), Member of Technical Staff, Research Department, Bell Telephone Laboratories, Inc., 463 West St., New York or Box 107, Red Bank, N.J. For mail: Woodbine Ave., Little Silver, N.J.
- OHNO, SHIGERU (A'34), Naval Engineer, Navy Department, Kasumigaseki, Tokyo, Japan. For mail: 818, Higashi-3-chome, Magome-Machi, Omori, Tokyo, Japan.
- OKADA, KIYOSHI (S'36), Graduate Student, University of California, Berkeley, Calif. For mail: 379 Eighth St., Oakland, Calif.
- OKADA, MINORU (A'32), Research Engineer, Electrotechnical Laboratory, Ministry of Communications, Gotanda, Shinagawa-ku, Tokyo, Japan. For mail: 123, Yooyogi-Sanya-Machi, Shibuya-ku, Tokyo, Japan.
- OKAMOTO, SHIGERU (A'34), Staff Engineer, Japan Wireless Telegraph Company, Nisshin Bldg., Ohte-machi, Tokyo, Japan.
- OKESON, HUGH B. (A'29), Radio Operator, WHK, Standard Bank Bldg., Cleveland, Ohio. For mail: 4362 W. 58th St., Cleveland, Ohio.
- OLANDER, L. W. (A'30), 912 Third Ave., S.E., Waseca, Minn.
- OLESÉN, HAROLD L. (M'26), Assistant General Sales Manager, Weston Electrical Instrument Corporation, 614 Frelinghuysen Ave., Newark, N.J. For mail: 40 Walker Rd., West Orange, N.J.
- OLIPHANT, WILLIAM D. (A'31), Technical Assistant, British Electrical and Allied Industries Research Association, 15, Savoy St., London, W.C. 2, England. For mail: 28, Grange Hill, Edgeware, Middx., England.
- OLIVA LLAMUSI, FERNANDO (M'31), Lieutenant, Spanish Navy, Aire 20, Cartagena, Spain.
- OLIVE, GORDON W. (A'29), Senior Radio Engineer, Canadian Radio Commission, National Research Bldg., Sussex St., Ottawa, Ont., Canada. For mail: 51 Aylmer Ave., Ottawa, Ont., Canada.
- OLIVER, CHARLES J. (A'36), Technical lecturer, North Wales Wireless College, Colwyn Bay, North Wales. For mail: "Headlands," Bryn Ave., Old Colwyn, North Wales.
- OLIVER, GEORGE E. (M'36), Engineer, Department of Correction, New York City, Municipal Bldg., New York, N.Y. For mail: 82 State St., Brooklyn, N.Y.
- OLMSTEAD, NOEL C. (A'27), Technical Staff, Radio Apparatus Development Department, Bell Telephone Laboratories, Inc., Box E, Whippany, N.J.
- OLSEN, EUGENE U. (A'31), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 81 Van Houten Pl., Belleville, N.J.
- OLSON, ELOF (A'30), Radio Engineer, Canadian Westinghouse Company, Sanford Ave., Hamilton, Ont., Canada. For mail: 266 Huxley Ave., 5, Hamilton, Ont., Canada.
- OMAN, NILS J. (A'29), Advanced Broadcast Transmitter Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 1804 S. Park Ave., Haddon Heights, N.J.
- ONDER, A. K. (J'34-A'35), Technical Assistant to Representative of N. V. Philips Gloeilampfabrieken, Turk Philips, Ltd., Sirketi, P.K. 1147, Galata, Istanbul, Turkey. For mail: 9 Imam Niyazi Sokak, Bay Husam Mahallesi, Fatih, Istanbul, Turkey.
- O'NEILL, GEORGE D. (A'28), Radio Engineer, Hygrade Sylvania Corp., Salem, Mass. For mail: 93 Lovett St., Beverly, Mass.
- O'NEILL, HUGH N. (A'36), Telephone Engineer, International Telephone and Telegraph Corporation, Pi Y Margall 2, Madrid, Spain.
- O'NEILL, ROBERT F. (A'29), Engineer, Marconi's Wireless Telegraph Company, Ltd., Chelmsford, Essex, England. For mail: "Lindorel," Fourth Ave., Chelmsford, Essex, England.
- ONG, HIAN Y. (A'36), Student Radio Engineer, Marconi's College, Chelmsford, Essex, England.
- O'PINK, BENJAMIN F. (A'33), Assayer, Federated Metals Corporation, 41st and Wallace Sts., Chicago, Ill. For mail: 6139 S. Sangamon St., Chicago, Ill.
- ORAM, DONALD K. (A'24), Engineer, Hammarlund Manufacturing Company, Inc., 424 W. 33rd St., New York, N.Y. For mail: 718 Burns St., Forest Hills, L.I., N.Y.
- ORBELL, REGINALD J. (A'35), Radio Engineer, Radio, Ltd., 6/8 Quay St., Auckland, New Zealand.
- O'REILLY, CHRISTOPHER (A'30), Radio Engineer, Standard Telephones and Cables, Ltd., Oakleigh Rd., New Southgate, London, N. 11, England.
- ORNER, RALPH J. (A'30), Chief Engineer, Household Radio, General Household Utilities Company, 2638 N. Pulaski Rd., Chicago, Ill. For mail: 823 Park Ave., Wilmette, Ill.

ORR, FRANCIS H. (A'31), 721 E. Laurel St., Compton, Calif.
 ORR, HERBERT R. (A'36), Department of Radio, Florida Agricultural and Mechanical College, Tallahassee, Fla.
 ORR, M. J. (A'36), Manager, Customers' Inspection Department, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 116 W. Sixth St., Emporium, Pa.
 ORR, ROBERT W. (A'36), Engineering Department, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J.
 ORTH, RICHARD T. (A'31), Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
 OSBON, WILLIAM O. (A'30), Research Engineer, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa.
 OSBORN, EUGENE W. (A'36), Engineer, Overseas Communications of South Africa, Ltd., Beam Wireless Station, Milnerton, Capetown, South Africa. For mail: "Wilsonia," Milnerton Ave., Milnerton, C.P., South Africa.
 OSBORN, PERRY H. (A'28), Radio Transmitter Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 200½ Evergreen Ave., Woodlynne, Camden, N.J.
 OSBORNE, FRED H. (A'36), Engineer, Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N.Y. For mail: 75 Chateau Ter., Snyder, N.Y.
 OSBORNE, HAROLD S. (A'14-M'29), Transmission Engineer, American Telephone and Telegraph Company, 195 Broadway, New York, N.Y.
 OSBORNE, ROBERT L. (A'27), President, Osborne Transformer Corporation, 1313 E. Congress St., Detroit, Mich.
 OSGOOD, RICHARD E. (A'33), Electrical Engineer, Williams Contracting Company and Central Vermont Public Service Corporation, Windsor, Vt. For mail: S. Main St., Windsor, Vt.
 OSIATINSKY, LEONE (M'29), Managing Director, Societ  Italiana per Radio-Audizione Circolare Piazza Luigi Bertarelli, 4, Milano, Italy. For mail: Via Candva, 36, Milano, Italy.
 OSMOND, CYRIL E. (A'33), Chief Engineer, Burgoyne Wireless (1930), Ltd., Great West Rd., Brentford, Middx., England. For mail: 1A, Angel Corner Parade, Edmonton, N., England.
 OSTERBROCK, WILLIAM C. (A'24), Associate Professor, Electrical Engineering, University of Cincinnati, Cincinnati, Ohio.
 OSTERLAND, EDMUND H. (J'29-A'32), Assistant, Ballantine Laboratories, Boonton, N.J. For mail: 255 Morris Ave., Mountain Lakes, N.J.
 OSTRANDER, RUSSELL S. (A'36), Suite 20, 2052 Cornell Rd., Cleveland, Ohio.
 OSTROLENK, SAMUEL (A'36), 10 E. 40th St., New York, N.Y.
 OSTRUM, SELBURN (A'36), Radio Tube Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: Emporium, Pa.
 OSWALD, ARTHUR A. (A'18-M'25-F'28), Radio Development Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
 OTSUKA, Y. (A'29), Research Staff, Vacuum Tube Department, Research Laboratory, Tokyo Electric Company, Kawasaki, Japan.
 OTTEMLER, WILLIAM H., JR. (A'36), Radio Serviceman, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 105 W. Fourth St., Emporium, Pa.
 OTTO, EMIL D. (A'31), Assistant Manager, Radio Department, Royal Eastern Electric Supply Company, 16-18 W. 22nd St., New York, N.Y. For mail: 17 Garden Pl., Westwood, N.J.
 OUMET, VICTOR E. (A'36), Staff Sergeant, Headquarters Battery, 241st C.A.C. For mail: 5 Bassett St., Foxboro, Mass.

OULD, RICHARD S. (A'19), Consulting Engineer and Patent Attorney, 3747 Huntington St., Washington, D.C.
 OUTZEN, ANDREW N. (A'25), Superintendent, Station "J" and River Rouge Plants, Detroit City Gas Company, 415 Clifford St., Detroit, Mich.
 OVERHOLT, RALPH, JR. (A'29), Electrical Engineer, Union Switch and Signal Company, Swissvale, Pa. For mail: 7211 Thomas Blvd., Pittsburgh, Pa.
 OVMIER, EUGENE E. (A'36), Tube Application Department, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 20 W. Sixth St., Emporium, Pa.
 OVMILLER, CLAIR M. (A'26), Technical Employee, American Telephone and Telegraph Company, 32 Sixth Ave., New York, N.Y.
 OWEN, C. H. (A'32), Radio Inspector, Federal Communications Commission, Washington, D.C. For mail: 199 Douglas St., S.E., Atlanta, Ga.
 OWEN, ROBERT H. (A'27), Engineer-in-Charge, KOA, National Broadcasting Company, Inc., 1625 California St., Denver, Colo.
 OWENS, RAYMOND B. (M'27), Associate Radio Engineer, Naval Research Laboratory, Bellevue, Anacostia, D.C.
 OWENS, WILLIAM B. (S'36), Student, Georgia School of Technology, Atlanta, Ga. For mail: 652 W. Peachtree St., Atlanta, Ga.
 OXLEY, ALLAN B. (A'25-M'33), Quality Engineer, RCA Victor Company, Lenoir St., Montreal, Que., Canada. For mail: 53 Finchley Rd., Hampstead, Montreal, Que., Canada.
 OXLEY, R. FREDERICK (A'35), Export Manager, Telegraph Condenser Company, Wales Farm Rd., North Acton, London, W. 3, England. For mail: 99 Western Ave., London, W. 3, England.

P

PACANOVSKY, GEORGE J. (S'36), Student, Case School of Applied Science, University Circle, Cleveland, Ohio. For mail: 7908 Halle Ave., Cleveland, Ohio.
 PACENT, LOUIS G. (A'12-M'15-F'27), President, Pacent Engineering Corporation, 79 Madison Ave., New York, N.Y.
 PACHOLKE, FRED (A'27), Radio Engineer, Colonial Radio Corporation, 254 Rano St., Buffalo, N.Y. For mail: 72 Warring Ave., Buffalo, N.Y.
 PACK, EUGENE G. (M'36), Chief Engineer, KSL, 10 S. Main St., Salt Lake City, Utah. For mail: 277 N St., Salt Lake City, Utah.
 PACKARD, CHARLES A. (A'31), Engineer, Struthers Dunn, Inc., 139 N. Juniper St., Philadelphia, Pa. For mail: Old Orchard Rd., Rose Tree, Media, Pa.
 PACKARD, LUCIUS E. (S'35), Engineer, General Radio Company, Cambridge, Mass.
 PACKMAN, M. E. (A'13), Packman Radio Engineering School, Valparaiso, Ind.
 PADRUSCH, JACOB J. (J'36), 16 E. Seventh St., New York, N.Y.
 PAGE, NEWELL C. (A'12), Professor, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 28 Maxwell Rd., Winchester, Mass.
 PAGE, ROBERT M. (A'27), Assistant Physicist, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: 334 Raleigh St., S.E., Washington, D.C.
 PAHL, HARVEY H. (A'36), Radio Service Engineer, 108 Main St., Horicon, Wis.
 PAI, MANGALORE V. (A'34), Assistant Engineer, Indian Radio and Cable Communications, Ltd., Radio House, Apollo Bunder, Bombay, India. For mail: c/o M. R. Pai, Readymoney Mansions, Church Gate St., Fort, Bombay, India.
 PAISLEY, S. ROY (A'26), Manager, Continental Carbon of Canada, Ltd., 54 Sumach

PAL-PAT

- St., Toronto, Ont., Canada. For mail: 627 Glebeholme Blvd., Toronto, Ont., Canada.
- PALES, FREDERICK A.** (A'31), Cable and Wireless, Ltd., Beam Wireless Station, Skegness, England.
- PALGUTA, EDWARD M.** (S'36), Student, Indiana Technical College, Fort Wayne, Ind. For mail: 533 E. Wayne St., Fort Wayne, Ind.
- PALMATEER, RUSSELL E.** (A'36), Chief Chemist, Emporium Works, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 24 E. Sixth St., Emporium, Pa.
- PALMER, PIERRE S.** (A'31), Manager, Radio Department, Peoples Light Company, 205 Perry St., Davenport, Iowa. For mail: 2503-13th Ave., Rock Island, Ill.
- PALMER, ROBERT N.** (A'35-M'37), Vacuum Tube Development Engineer, Hygrade-Sylvania Corporation, Emporium, Pa. For mail: 36 W. Fourth St., Emporium, Pa.
- PALMER, ROBERT T.** (A'29), Patent Lawyer, 49 Federal St., Boston, Mass.
- PANNILL, CHARLES J.** (F'29), President, Radiomarine Corporation of America, 30 Rockefeller Plaza, New York, N.Y.
- PANTON, REGINALD** (A'36), Radio Engineer, Telephone Works, General Electric Company, Ltd., Coventry, England. For mail: 451 Walsgrave Rd., Coventry, England.
- PARDHY, BALARAM T.** (A'36), Consulting Engineer and Manufacturer, Pardhy Sons and Company, Vile-Parle, Bombay, India. For mail: "Pardhy House," Vile-Parle, Bombay, India.
- PARK, CHARLES W.** (A'27), Engineer, RCA Communications, Inc., Bolinas, Calif.
- PARETO, JOAO V.** (A'31), Technical Director, Cia. Radio Internacional do Brazil, Rua Theophilto Ottoni 74, Box 709, Rio de Janeiro, Brazil.
- PARISH, HAYWARD C.** (A'32), Representative, State Shopping Club, Market St., Sydney, Australia. For mail: 2148 LL, General Post Office, Sydney, Australia.
- PARKER, ALBERT P.** (A'35), Junior Radio Engineer, Signal Corps, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- PARKER, CARLYLE V.** (S'36), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- PARKER, JOHN C.** (A'33), Engineer, Water and Light Division, City of Memphis, Goodwyn Institute Bldg., Memphis, Tenn. For mail: 320 Garland Pl., Memphis, Tenn.
- PARKER, JOHN E.** (A'32), Chief Engineer, KFBB, Great Falls, Mont. For mail: Box 1555, Great Falls, Mont.
- PARKER, OLIVER B.** (A'23-M'30), Parker Engineering Products Company, 16 W. 22nd St., New York, N.Y.
- PARKER, R. D.** (A'16), Telegraph Facilities Director, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- PARKER, WILLIAM H., JR.** (A'36), Police Radio Engineer, United American Bosch Corporation, Springfield, Mass. For mail: 122 Chestnut St., Springfield, Mass.
- PARKER, WILLIAM N.** (A'35), Research Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 5026 Erringer Pl., Philadelphia, Pa.
- PARKES, ALANSON W., JR.** (A'30), Engineer, Aircraft Radio Corporation, Boonton, N.J. For mail: 47 Cobb Rd., Mountain Lakes, N.J.
- PARKHURST, A. F.** (M'12), Test Construction and Maintenance Engineer, Delco Radio Division, General Motors Corporation, Kokomo, Ind. For mail: 533 W. Taylor St., Kokomo, Ind.
- PARKHURST, EDGAR L.** (A'36), Field Engineer, National Broadcasting Company, Inc., 111 Sutter St., San Francisco, Calif.
- PARKIN, THOMAS D.** (A'19), Marconi's Wireless Telegraph Company, Ltd., New St., Chelmsford, Essex, England. For mail: The Haven, Mill La., Broomfield, Chelmsford, Essex, England.
- PARKINS, FRANK A.** (A'36), Chief Engineer, WATL, WRBL, WGPC, and WATL, Atlanta, Ga. For mail: 28 Avery Dr., N.E., Atlanta, Ga.
- PARKINSON, TAINTOR** (A'26), Assistant Professor, Department of Electrical Engineering, Louisiana State University, Baton Rouge, La.
- PARKINSON, WILLIAM R.** (A'32), Chief Engineer, RGD, Globe Works, Newtown Row, Birmingham, England.
- PARRY, REGINALD C.** (A'36), In Charge Transmitting Station, Royal Air Force, Mildenhall, Bury, St. Edmunds, Suffolk, England.
- PARSONS, ALLEN B.** (A'36), Electrician and Radio Operator, McIntyre Porcupine Mines, Ltd., Schumacher, Ont., Canada. For mail: Box 440, Schumacher, Ont., Canada.
- PARSONS, DAVID R.** (A'36), Radio Research Engineer, Stratton and Company, Ltd., Eddystone Radio Works, Bromsgrove St., Birmingham 5, England. For mail: "Cartref," Shenstone Ct. Dr., Nr. Lichfield, Staffs., England.
- PARTELLO, MELVILLE C.** (A'30), 6573 S. Arlington Ave., Los Angeles, Calif.
- PARTRIDGE, ARTHUR J.** (A'35), Teller, Union Bank and Trust Company of Los Angeles, Eighth and Hill Sts., Los Angeles, Calif. For mail: 3120 W. 71st St., Los Angeles, Calif.
- PARTRIDGE, JOHN A.** (A'31), Radio Engineer, British Broadcasting Corporation, Transmitting Station, Nr. Beaumaris, Anglesev. North Wales.
- PARTRIDGE, NORMAN G.** (A'33), Manager and Engineer, G. Scott Sessions and Company, King's Bldgs., Dean Stanley St., Westminster, London, S.W. 1, England. For mail: 17 Westfield Rd., Beckenham, Kent, England.
- PASCHON, HANS E.** (A'25), Design Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 726 W. Maple Ave., Merchantville, N.J.
- PASLAY, LE ROY C.** (A'36), Vice-President, National Geophysical Company, 1506-7 Tower Petroleum Bldg., Dallas, Tex.
- PASSOW, EDWARD B.** (A'36), Radio Engineer, Fairbanks Morse, 21 and Northwestern Sts., Indianapolis, Ind. For mail: 5629 Winthrop, Indianapolis, Ind.
- PATELKE, ROBERT A.** (F'32-A'34), 2816 Greenview Ave., Chicago, Ill.
- PATERSON, JACK M.** (S'35), Student, University of Washington, 7200-28th Ave., N.W., Seattle, Wash.
- PATIENCE, A. MELBOURNE** (A'23-M'28), Superintendent, Radio Division, RCA Victor Company, 925 Lenoir St., Montreal, Que., Canada. For mail: 4583 Hingston Ave., Montreal, Que., Canada.
- PATORNO, GEORGE E.** (A'32), Junior Electrical Engineer, Board of Transportation, 250 Hudson St., New York, N.Y. For mail: 310 E. 163rd St., New York, N.Y.
- PATRICK, PERCY E.** (A'34), Assistant Engineer, African Broadcasting Company, Cape Town, South Africa.
- PATRONE, EUGENE F.** (A'36), Wireman, Arma Engineering Company, Inc., 254-36th St., Brooklyn, N.Y. For mail: 35 Fourth Pl., Brooklyn, N.Y.
- PATTEE, JOHN R.** (A'30), Niantic, Conn.
- PATTERSON, EDWARD B.** (A'24-M'30), Technological Service, Arthur H. Thomas Company, W. Washington Sq., Philadelphia, Pa. For mail: 6529 Rogers Ave., Merchantville, N.J.
- PATTERSON, FRANKLIN G.** (A'27), Consulting Engineering Laboratory, General Electric Company, Schenectady, N.Y. For mail: 2432 Campbell Ave., Schenectady, N.Y.
- PATTERSON, WILLIAM M.** (A'36), Ma-

- terial and Test Inspection, Noblitt-Sparks Industries, Inc., Columbus, Ind. For mail: 803 Fourth St., Columbus, Ind.
- PATTON, WILLIAM R. (A'36), Radio Supervisor, Oregon State Highway Commission, Salem, Ore. For mail: 1547 Court St., Salem, Ore.
- PAUL, BENJAMIN (A'35), Radio Service Manager, Thompson Nash Motor Company, 1240 S. Figueroa St., Los Angeles, Calif. For mail: 7821 S. Hobart Blvd., Los Angeles, Calif.
- PAUL, BYRON R. (J'28-A'30), Engineering Staff, KOIN, New Heathman Hotel, Portland, Ore. For mail: Box 176E, R.R. 5, Portland, Ore.
- PAUL, G. STEWART (A'29), Division Traffic Engineer, Western Union Telegraph Company, Rm. 602, 427 S. LaSalle St., Chicago, Ill. For mail: 1814 W. 104th St., Chicago, Ill.
- PAULSON, ERIC J. (A'34), Technician, Paulson's Radio Service, 30 Peel St., Gisborne, New Zealand. For mail: Waerengaahika R.D., Gisborne, New Zealand.
- PAVLOW, NICHOLAS (A'36), Inspector, Frederick Loeser and Company, 484 Fulton St., Brooklyn, N.Y. For mail: 37 W. 10th St., New York, N.Y.
- PAYNE, J. FRED, JR. (J'30-A'32), Engineer, Leeds and Northrup Company, 4901 Stenton Ave., Philadelphia, Pa.
- PAYNE, LEONARD S. (M'16), Assistant Chief Engineer, Canadian Marconi Company, Ltd., 211 St. Sacrament St., Montreal, Que., Canada.
- PEAR, CHARLES B., JR. (A'36), Research Assistant, Harvard University, Blue Hill Observatory, Milton, Mass.
- PEARCE, CHARLES J. (A'34), Technical Assistant, Engineering Department, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 77 Dodd St., East Orange, N.J.
- PEARCE, WILLIAM J. (A'32), Engineer, British Broadcasting Corporation, Broadcasting House, Upper Bangor, Wales. For mail: 18 Penrill Rd., Bangor, Wales.
- PEASE, R. M. (A'25-M'27), Engineer, Radio Department, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- PECK, GORDON V. (A'36), Manager of Condenser Division, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind.
- PEDERSEN, AKSEL A. (A'36), Radio Supervisor All America Cables, Inc., Casilla 2336, Lima, Peru.
- PEDERSEN, GUNNAR V. C. (A'30), Radio Engineer, Administration of Posts and Telegraphs, Copenhagen, Denmark. For mail: Grumstrvej 14, Hellerup, Denmark.
- PEDERSEN, MARTIN P. (A'14), Lille Strandstraede 14, Copenhagen, Denmark.
- PEDERSEN, PEDER O. (P'15), Principal, Technical University of Denmark, Copenhagen, Denmark. For mail: Amalievej 1, Copenhagen V, Denmark.
- PEEBLES, NORCUM A. (A'36), Assistant Engineer, WMFD, Hotel Wilmington, Wilmington, N.C. For mail: 20 N. Eighth St., Wilmington, N.C.
- PEERY, W. E. (S'33-A'36), In charge of Technical Operation and Maintenance, KSAC, Kansas State College, Manhattan, Kan. For mail: 805 Poyntz Ave., Manhattan, Kan.
- PEET, EUGENE C. (A'36), Student Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 48 Amherst St., East Orange, N.J.
- PEGRAM, GEORGE B. (A'12), Professor of Physics, Columbia University, New York, N.Y.
- PEIRCE, GEORGE H. (A'23), Chief Engineer, WDSU, Monteleave Hotel, New Orleans, La. For mail: 4224 General Taylor St., New Orleans, La.
- PEKIN, HARRY T. (S'35), 41 Willow St., Brooklyn, N.Y.
- PELAEZ, D. CARLOS (A'31), Director, Instruction Department, Compania Telefonica Nacional de Espana, Calle Hermosilla 33, Madrid, Spain. For mail: Avenida Eduardo Dato 7, Madrid, Spain.
- PELL, WILLIAM F., JR. (A'36), Assistant Production Engineer, Vacuum Tube Shop, Western Electric Company, 395 Hudson St., New York, N.Y. For mail: Cottage Pl.; Hempstead, L.I., N.Y.
- PENDERGRASS, FRANK L. (A'36), District Manager, Mackay Radio and Telegraph Company, Inc., 828 Gravier St., New Orleans, La. For mail: 4071 Clematis St., New Orleans, La.
- PENICK, DIXON B. (A'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- PENIN, ROBERTO L. (A'35), Naval Officer, Alferes de Navio, Dreadnought Rivadavia, Buenos Aires, Argentina. For mail: Belgrano 2654, Buenos Aires, Argentina.
- PENN, WILLIAM D. (S'33-A'35), Vice-President and Chief Engineer, Vacolite Company, 3003 N. Henderson Ave., Dallas, Tex. For mail: 4400 Preston Rd., Dallas, Tex.
- PENNAROLI, M. (A'32), Military Attache, c/o Lt. Col. AA. Vincenzo Coppola, Royal Italian Embassy, Washington, D.C.
- PENNOYER, ROBERT T. (A'36), Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 216 Cherry St., Schenectady, N.Y.
- PENTHER, CARL J. (A'29), Technician, Thermionic Control Development, Shell Development Company, 53rd and Hollis St., Emeryville, Calif. For mail: 1000 Aileen St., Oakland, Calif.
- PEPPERBERG, LOUIS E. (S'35), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: M.I.T. Dormitories, Cambridge, Mass.
- PERCIVAL, WILLIAM R. (A'31), Proprietor, W. R. Percival, Radio Services, 51 Lower Seedley Rd., Seedley, Salford, 6, Lancs., England. For mail: 12 Scales St., Seedley, Salford 6, Lancs., England.
- PERKINS, GEORGE C. (A'30), Designer, Federal Telegraph Company, 200 Mount Pleasant Ave., Newark, N.J. For mail: 365 Union St., Jersey City, N.J.
- PERKINS, MERRITT L. (J'36-A'36), Radio Service, R.R. 3, Three Rivers, Mich.
- PERKINS, OLIVER D. (J'31-A'33), Assistant Radio Engineer, U. S. Signal Corps, 3403 Munitions Bldg., Washington, D.C.
- PERKINS, THEODORE E. (A'36), Research and Development Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- PERKINS, WILLIAM M. (M'36), Engineer, National Union Radio Corporation, 1181 McCarter Highway, Newark, N.J. For mail: 44 Chestnut Rd., Verona, N.J.
- PERROW, F. A. P. (M'36), Chief Technical Assistant, Electricity Department, Box 369, Port Elizabeth, South Africa.
- PERRY, PETER N. M. (A'36), Radio Serviceman, Engineering Service Company, 100 Gloucester St., Christchurch, New Zealand. For mail: St. Michaels Vicerege, Oxford Ter., Christchurch, New Zealand.
- PERRY, SYDNEY V. (A'35), Radio Engineer on Acoustics, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 704 Grant Ave., West Collingswood, N.J.
- PERRY, WILLIAM A. (A'26), 383 King's Hwy., Westport, Conn.
- PERRY, WILLIAM R. (A'36), Electrical Engineer, Reeves Pulley Company, Columbus, Ind. For mail: 704 Werner Ave., Columbus, Ind.

PES-PIC

- PESSION, GIUSEPPE (F'36), Director General, Posts and Telegraphs, Rome, Italy. For mail: Via Tevere 20, Rome, Italy.
- PETERMAN, WALTER G. (A'32), Senior Inspector, U. S. Navy Department, 641 Washington St., New York, N.Y. For mail: 9305-241st St., Bellerose, L.I., N.Y.
- PETERS, JOHN L. (A'29), Engineer, Electrode Specialty Company, 133 S. 15th St., Newark, N.J. For mail: 48 Broad St., Newark, N.J.
- PETERS, LEO J. (A'19), Geophysicist, Gulf Research and Development Company, Box 2038, Pittsburgh, Pa. For mail: Box 661, Tulsa, Okla.
- PETERSEN, ROBERT L. (A'31), Electrical Tester, New York Edison Company, Inc., 208 Elizabeth St., New York, N.Y. For mail: 159 Radford St., Yonkers, N.Y.
- PETERSEN, THOMAS G. (A'19), Installations and Designs Engineer, Marconi Wireless Telegraph Company, Ltd., Electra House, Victoria Embankment, London, W. C. 2, England.
- PETERSON, ARNOLD P. G. (S'34), Research Assistant, Massachusetts Institute of Technology, Cambridge, Mass. For mail: M.I.T., Dormitories, Cambridge, Mass.
- PETERSON, ARTHUR C., JR. (A'29), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 14 Garden Pl., Chatham, N.J.
- PETERSON, CARL U. (A'36), Lieutenant, U. S. Coast Guard, U.S.S. *Cayuga*, Boston, Mass. For mail: 5011 N. 14th St., Waycroft of Arlington, Va.
- PETERSON, CHARLES W. (A'15-M'30), Consulting Loud-Speaker Engineer, 13 Hillcrest Apts., Mt. Auburn, Cincinnati, Ohio.
- PETERSON, DARWIN A. (A'34), Plant Engineer, WFAA, Baker Hotel, Dallas, Tex. For mail: WFAA, Grapevine, Tex.
- PETERSON, DONALD W. (S'36), Field Engineering, Training Course, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 546 Haddon Ave., Collingswood, N.J.
- PETERSON, EUGENE (M'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., Rm. 1310, 180 Varick St., New York, N.Y.
- PETERSON, GLEN (A'31), Research Assistant in Physics, California Institute of Technology, Pasadena, Calif.
- PETERSON, HAROLD O. (A'22-M'31), Research and Design Engineer, RCA Communications, Inc., 66 Broad St., New York, N.Y. For mail: 140 Moriches Rd., Riverhead, L.I., N.Y.
- PETERSON, ISAAC (A'34), 31 Bomb Squadron, Hamilton Field, San Rafael, Calif.
- PETERSON, J. N. (A'36), 485 W. Third Ave., Roselle, N.J.
- PETERSON, LISS C. (A'32), Telephone Engineer, Bell Telephone Laboratories, Inc., Rm. 1312, 180 Varick St., New York, N.Y.
- PETERSON, LLOYD E. (A'30), Vacuum Tube Engineer, RCA Communications, Inc., Rocky Point, L.I., N.Y.
- PETERSON, NORMAN J. (S'36), Student, University of California, Berkeley, Calif. For mail: 2010 Parker St., Berkeley, Calif.
- PETERSON, TED R. (A'36), Distribution Superintendent, Florida Power and Light Company, Palatka, Fla. For mail: Box 456, Palatka, Fla.
- PETRASCO, EMILE (A'36), Lecturer, University of Bucharest, Victor Emanuel N. 16, Bucharest, Roumania. For mail: Stirbey-Voda 152, Bucharest, Roumania.
- PETRY, C. A. (A'28), Communications Engineer, United Air Lines Transport Corporation, Municipal Airport, Chicago, Ill.
- PETRY, G. FREDERICK (A'31), Sales Engineer, Sprague Specialties Company, North Adams, Mass. For mail: 501 W. Maple Ave., Merchantville, N.J.
- PETTENGILL, GEORGE W. (A'26), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 23 N. Logan Ave., Audubon, N.J.
- PETTERSON, WILLIAM N. JR. (A'31), Assistant Radio Engineer, Office of Chief Signal Officer, War Department, Munitions Bldg., Washington, D.C. For mail: 216 Concord Ave., N.W., Washington, D.C.
- PETZING, ERWIN W. (A'19), 939 N. Drake Ave., Chicago, Ill.
- PEW, RICHARD K. (A'36), Sales Engineer, Delco Radio Division, General Motors, 15-210 General Motors Bldg., Detroit, Mich. For mail: 320 Monroe St., N.W., Warren, Ohio.
- PEZOPOULOS, K. (A'30), Lieutenant-Commander, First Assistant Director, Radio Service, Greek Navy, Athens, Greece. For mail: Marne 47, Athens, Greece.
- PFAU, WALDEMAR (A'35), Senior Station Engineer, ZTJ, South Africa Broadcasting Corporation, 217 Bree St., Johannesburg, South Africa. For mail: Box 5477, Johannesburg, South Africa.
- PFAUTZ, CHRISTIAN E. (A'20), Manager, RCA Frequency Bureau, Radio Corporation of America, 30 Rockefeller Plaza, New York, N.Y. For mail: 29 Nassau Pl., Hempstead, L.I., N.Y.
- PFEFFER, NATHANIEL (A'36), Secretary and Treasurer, Salta Knitting Mills, Inc., 79 E. 130th St., New York, N.Y.
- PFEIFER, JOSEPH W. (A'36), Pfeifer and Walter, 229 Wisconsin St., Milwaukee, Wis. For mail: 2928 N. Humboldt Ave., Milwaukee, Wis.
- PFEIFER, J. THEODORE ('32), c/o Erie Resistor Corporation, Erie, Pa.
- PHELPS, ROGER E. (A'28), U. S. Government Radio Inspector, 58 Hobart St., Hingham, Mass.
- PHELPS, WALTER A. (A'19), Supervising Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Park La., Madison, N.J.
- PHATAK, RAMCHANDRA K. (A'34), Sound Engineer, Saroj Movietone, Parel Tank Rd., Parel, Bombay, India. For mail: c/o Dr. Purandare Blocks, Anant Niwas, Hindu Colony, Dadar, Bombay 14, India.
- PHELAN, THOMAS H. (A'36), Audio Facilities Engineer, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y.
- PHILLIPS, ROBERT J. (A'34), Radio Development Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 124 Clinton Ave., Mineola, L.I., N.Y.
- PHILLIPS, FRANK A. (A'30), 28 Victor St., Chatswood, N.S.W., Australia.
- PHILLIPS, HENRY B. (M'24), Professor and Head of the Mathematics Department, Massachusetts Institute of Technology, Cambridge, Mass.
- PHILLIPS, LLOYD B. (J'22-A'24), 107 Penn St., Camden, N.J.
- PHILLIPS, MAURICE M. (A'36), Wireless Engineer, Imperial Airways, Ltd., Drigh Rd., Karachi, India.
- PHILLIPS, N. VANCE (A'33), 237 State St., Pasadena, Calif.
- PHILLIPS, WILLIAM M. (A'32), Radio Engineer, Ohio Power Company, 606 Second St., S.E., Canton, Ohio. For mail: 1220 Louisiana Ave., N.W., Canton, Ohio.
- PICKARD, GREENLEAF W. (M'12-F'15), Consulting Engineer, Perikon Cottage, Seabrook Beach, N.H.
- PICKARD, RICHARD W. (A'29), Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y. For mail: 44 Clifford St., East Orange, N.J.
- PICKEN, JAMES C., JR. (A'35), Radio Engineer, Department of Public Safety, City of Tacoma, Tacoma, Wash. For mail: 1325 Sixth Ave., Tacoma, Wash.
- PICKEN, WILLIAM J. (A'14), Chief Engi-

- neer, Marconi's Wireless Telegraph Company, Ltd., Electra House, Victoria Embankment, London, WC 2, England.
- PIDDINGTON, JACK H. (A'35), 79 Perne Rd., Cambridge, England.
- PIDGEON, HOWARD A. (M'29), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 26 Berkeley Rd., Maplewood, N.J.
- PIERCE, EDWARD H. (A'30), Lieutenant, U. S. Navy, U.S.S. *Houston*, c/o Postmaster, Long Beach, Calif.
- PIERCE, F. W. (J'24-A'26), Engineer, WHO, Central Broadcasting Company, Des Moines, Iowa.
- PIERCE, GEORGE W. (M'13-F'15), Rumford Professor of Physics, Director of Cruft High Tension Electrical Laboratory, Harvard University, Cambridge, Mass. For mail: 7 Berkeley Pl., Cambridge, Mass.
- PIERCE, JAMES F. (A'30), Patent Lawyer, Potter, Pierce and Scheffler, 1319 F St., N.W., Washington, D.C.
- PIERCE, JOHN R. (S'35), Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- PIERCE, NORMAN J. (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., Box 107, Red Bank, N.J.
- PIERCE, R. MORRIS (A'30), Technical Supervisor, WGAR Broadcasting Company, Hotel Statler, Cleveland, Ohio.
- PIERREPONT, JOHN J. (A'29), Lieutenant, U. S. Navy, U.S.S. *Charleston*, c/o Postmaster, New York, N.Y.
- PIERSON, ISRAEL S. (A'31), Engineer, Stackpole Carbon Company, 201 Tannery St., St. Marys, Pa. For mail: 185 Avis Ave., St. Marys, Pa.
- PIETY, RAYMOND G. (A'27), Physicist, Independent Research Service Company, 35 W. 45th St., New York, N.Y.
- PIKE, O. W. (A'26-M'29), Electrical Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y.
- PILKINGTON, EARL J. (A'26), Assistant Radio Engineer, Boston Navy Yard, Charlestown, Mass. For mail: 26 Bertwell Rd., Lexington, Mass.
- PILZECKER, ARTHUR (A'36), 1121 Moore St., Toledo, Ohio.
- PINNOCK, L. W. J. (A'23), Nottingham Radio Supplies, Sherwood Bldgs., S. Sherwood St., Nottingham, England.
- PINTO, OSCAR D. (A'34), Sound Engineer, Empreza Luiz Severiano Ribeira, Caixa Postal 177, Rio de Janeiro, Brazil. For mail: Caixa Postal 3296, Rio de Janeiro, Brazil.
- PIRTLE, JOHN H. (A'34), Agricultural Adjustment Administration, Washington, D.C. For mail: 1109 Maryland Ave., N.E., Washington, D.C.
- PITTS, FRANCIS D. (A'15), President, F. D. Pitts Company, 85 Chestnut Hill Rd., Chestnut Hill, Mass.
- PITTS, HENRY L. (M'32), Lieutenant Commander, U. S. Navy, Communication Officer, Aircraft Battle Force, Fleet Air Detachment, Naval Air Station, San Diego, Calif.
- PITZER, ROBERT L. (S'36), Student, Harvard Graduate School of Engineering, Cambridge, Mass. For mail: 821 Summit Dr., South Pasadena, Calif.
- PLACE, SAMUEL W. (A'19), Chief Engineer, Synthane Corporation, Oaks, Pa. For mail: 74 Adams Ave., R.R. 3, Morristown, Pa.
- PLACE, WILLARD P. (A'32), Research Engineer, Union Switch and Signal Company, Swissvale, Pa. For mail: Curtis St., R.R. 1, Wilkensburg, Pa.
- PLAKADIS, ALEXANDER P. (A'36), Owner-Manager, Alex Radio Laboratory, 1701 W. 25th St., Cleveland, Ohio.
- PLANCK, RUSSELL M. (A'29), Vice-President and Chief Engineer, Radio Manufacturing Engineers, Inc., 306 First Ave., Peoria, Ill. For mail: 601 N. Lawndale Ave., Peoria, Ill.
- PLATTS, GEORGE F. (A'30), Engineer-in-Charge, Audio-Frequency Measurements, WLW, WSAI, W8XAL, 1329 Arlington St., Cincinnati, Ohio. For mail: 3027 Feltz Ave., Cincinnati, Ohio.
- PLEBANSKI, JOZEF (M'29), Consulting Engineer, WSPolna 32, Warsaw, Poland.
- PLOTTS, ELLERY L. (A'31), Transmission Engineer, Columbia Broadcasting System, 410 N. Michigan Ave., Chicago, Ill. For mail: 6802 Jeffery Ave., Chicago, Ill.
- PLUMMER, W. BRADLEY (S'36), Graduate Teaching Assistant, Department of Electrical Engineering, Iowa State College, Ames, Iowa.
- PLUMMER, WILLIAM E. (A'30-M'35), Associate, Glenn D. Gillett, 982 National Press Bldg., Washington, D.C. For mail: 3310 Windsor Ave., Baltimore, Md.
- POAST, LA VERNE M. (A'36), Radio Engineer, Jansky and Bailey, 924 National Press Bldg., Washington, D.C.
- POCH, WALDEMAR J. (A'28), Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: Bettewood Apts., Bettewood Ave., Collingswood, N.J.
- POCOCK, HUGH S. (M'22), Editor, *The Wireless World*, Wireless Press, London, England. For mail: 43 Shoot Up Hill, London, N.W. 2, England.
- PODELL, SAMUEL (A'36), Partner, Podell and Frank, 164 E. Third St., Mount Vernon, N.Y. For mail: 303 Sheridan Blvd., Mount Vernon, N.Y.
- PODOLSKY, LEON (A'30), Research Engineer, Wirt Company, 5221 Green St., Germantown, Philadelphia, Pa. For mail: 6211 Ellsworth St., Philadelphia, Pa.
- POLKINGHORN, FRANK A. (A'25), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- POLLACK, DALE (J'30-S'35), Engineer, Advanced Transmitter Development Section, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 311 Cooper St., Camden, N.J.
- POLLARD, BASIL S. (A'35), Electrical and Mechanical Engineer, 3 Elvaston Mews, S.W. 7, London, England.
- POLLOCK, ALEXANDER (A'36), 72 Bastedo Ave., Toronto, Ont., Canada.
- POLLOCK, CARL A. (A'28), Vice-President, Dominion Electrohome Industries, Ltd., Kitchener, Ont., Canada.
- POLYDOROFF, W. J. (M'24), 301-18th St., Wilmette, Ill.
- POMFRET, J. MILTON (A'36), Radio Tube Technician, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 220 W. Fourth St., Emporium, Pa.
- POND, ROBERT F. (J'36), Radio Technician, WBBM, Box 375, Glenview, Ill.
- POOLE, LLOYD C. (A'33), 420 W. Swissvale Ave., Edgewood, Pa.
- POOLE, ROBERT E. (A'24-M'34), Broadcast Development Engineer, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- POOR, WALTER E. (A'29), Vice-President, Hygrade Sylvania Corporation, 60 Boston St., Salem, Mass. For mail: 27 Chestnut St., Salem, Mass.
- POPPEL, J. R. (A'30), Engineering Department, WOR, Newark, N.J. For mail: 1440 Broadway, New York, N.Y.
- PORTER, BERNARD H. (A'36), Physicist, Technical Department, Acheson Colloids Corporation, 444 Madison Ave., New York, N.Y.
- PORTER, HARRY F. (A'30), Electrical Engineer, Allegheny Steel Company, Brackenridge, Pa. For mail: 1117 Carlisle St., Tarentum, Pa.
- PORTER, RALPH H. (A'36), Merchants Na-

POR-PRI

- tional Bank, Salem, Mass. For mail: 253 Essex St., Salem, Mass.
- PORTER, ROLAND G. (A'26), Associate Professor of Electrical Engineering, Northeastern University, 316 Huntington Ave., Boston, Mass. For mail: 19 Woodbury St., Beverly, Mass.
- PORTER, RICHARD W. (S'33), Yale University, Dunham Laboratory, 10 Hillhouse Ave., New Haven, Conn.
- PORTS, EARL G. (A'25-M'33), Chief Engineer, Federal Telegraph Company, 200 Mt. Pleasant Ave., Newark, N.J. For mail: 325 E. Mount Pleasant Ave., Livingston, N.J.
- POST, GEORGE W. (A'36), Radio Servicing, 5 Temple Pl., Passaic, N.J.
- POTEET, DANIEL P. (A'17), Captain, Field Artillery Board, Fort Bragg, N.C.
- POTTER, CLIFTON R. (A'35), RCA Manufacturing Company, Inc., RCA Radiotron Division, 415 S. Fifth St., Harrison, N.J. For mail: 905 Bloomfield Ave., Glen Ridge, N.J.
- POTTER, ELVIN H. (A'35), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 220 Morgan Ave., Collingswood, N.J.
- POTTER, JAMES L. (A'31), Instructor, State University of Iowa, Electrical Engineering Department, Iowa City, Iowa. For mail: 747 Rundell St., Iowa City, Iowa.
- POTTER, MARK (A'33), 39 Southgate, Wakefield, Yorks., England.
- POTTER, NORMAN M. (A'30), Works Laboratory, Canadian National Carbon Company, Ltd., 805 Davenport Rd., Toronto, Ont., Canada.
- POTTER, RALPH K. (A'25-M'26), Radiotelephone Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- POTTS, JOHN H. (A'27), Associate Technical Editor, *Radio News*, 461 Eighth Ave., New York, N.Y. For mail: 1564 Taylor Ave., New York, N.Y.
- POUJADE, DONALD G. (A'35), Chief Operator, City of Salem, Oregon, Department of Police, City Hall, Salem, Ore.
- POULSEN, VALDEMAR (F'15), Kildeskovvej 77, Gentofte, Denmark.
- POULTER, ROBERT C. (A'30), Director of Education, Wilson Institutes, Ltd., 863 Bay St., Toronto, Ont., Canada. For mail: Old Orchard Grove, Toronto, Ont., Canada.
- POUNSETT, FRANK H. R. (A'26), Chief Engineer, Stewart Warner Alemtic Corporation, Belleville, Ont., Canada. For mail: 201 Charles St., Belleville, Ont., Canada.
- POWELL, ALBERT E. (A'32), Southern Radio Corporation, Cassilla 669, La Paz, Bolivia, South America.
- POWELL, EDWIN L. (A'14-M'29), Assistant Treasurer, Radio Research Company, Inc., 9th and Kearny Sts., N.E., Washington, D.C. For mail: 325 Emerson St., N.W., Washington, D.C.
- POWELL, LOUIS H. (J'27-A'30), Pacific Telegraph and Telephone Company, San Francisco, Calif. For mail: 745-47th Ave., San Francisco, Calif.
- POWELL, L. DEAN (A'36), U. S. Post Office Department, Salisbury, Md. For mail: 104 W. London Ave., Salisbury, Md.
- POWERS, STEPHEN J. (A'35), Chief Inspector, Standard Telephones and Cables, Valve Works, Foots Cray, Kent, England. For mail: 97 Walton Rd., Sidcup, Kent, England.
- POWLES, FREDERICK T. (A'30), Student Engineer, Radio Test Department, Bldg. 89, General Electric Company, Schenectady, N.Y. For mail: 817 Genesee St., Schenectady, N.Y.
- PRAMSEHER, THOMAS W. (A'30), Radio Service Technician, Aeolian Company, 689 Fifth Ave., New York, N.Y. For mail: 317-24th St., Guttenberg, N.J.
- PRASAD, JAGDEESH (A'31), Assistant Division Engineer, Telegraphs, Posts and Telegraphs Department, Nagpur, India.
- PRATT, DANA (S'32-A'36), Field Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 42 W. Linden, Collingswood, N.J.
- PRATT, FEARING (A'24), Sales Supervisor, New England Telephone and Telegraph Company, 112 Union St., Providence, R.I. For mail: 297 Main St., Hingham, Mass.
- PRATT, HARADEN (A'14-M'17-F'29), Vice-President and Chief Engineer, Mackay Radio and Telegraph Company, 67 Broad St., New York, N.Y.
- PREHN, LAWRENCE D. (S'36), Student, Ohio State University, Columbus, Ohio. For mail: 207 W. 11th Ave., Columbus, Ohio.
- PRENTISS, JOHN G. (A'36), Chief Inspector, Zenith Radio Corporation, 3620 Iron St., Chicago, Ill. For mail: 3116 Home Ave., Berwyn, Ill.
- PRESSLER, WILLIAM C. (A'36), Manager and Service Engineer, Veyssey Stoneman, "His Master's Voice" Stores, Kingsbridge, Devon, England. For mail: Cliftonville, Bell Cross Rd., Kingsbridge, Devon, England.
- PRESSLEY, JACKSON H. (A'20-F'31), Radio Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: Canterbury Rd., Abington, Pa.
- PRESTON, JOHN G. (S'35-A'37), WMAZ, Macon, Ga.
- PRICE, H. STEWART (A'12-M'26), Supervisor, Radio Development Department, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- PRICE, HARRY J. (A'30), Chief Engineer, American Radio Telephone Company, 314 Bigelow Bldg., Seattle, Wash. For mail: 7517 Bagley Ave., Seattle, Wash.
- PRICE, LLOYD M. (A'31), Chief Engineer, Radio Valve Company of Canada, Ltd., 189 Dufferin St., Toronto, Ont., Canada.
- PRICE, MARVIN A. (A'36), Chief Engineer, KMMJ, Inc., Clay Center, Neb. For mail: Clay Center, Neb.
- PRICE, ROLAND J. C. (J'26-A'29), Engineer, London Television Station, British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: 118B Avenue Mansions, Alexandra Park Rd., Muswell Hill, London, N. 10, England.
- PRIEBE, FRANK K. (A'28), Test Design, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 209 W. Clinton Ave., Oaklyn, N.J.
- PRIES, LORENCE F. (S'32-A'35), Development Engineer, Wurlitzer Grand Piano Company, De Kalb, Ill.
- PRIEST, CONAN A. (A'24), Designing Engineer, Radio Transmitter, Engineering Department, General Electric Company, Schenectady, N.Y. For mail: 1413 Hawthorn St., Schenectady, N.Y.
- PRIEST, WARD C. (A'26), Professor of Physics, St. Lawrence University, Canton, N.Y. For mail: 411 Judson St., Canton, N.Y.
- PRIMAVESI, JUAN C. (A'34), Chief Engineer, CX16, CX24, CX44, and CW31, Box 37, Montevideo, Uruguay. For mail: Nueva York 1590, Montevideo, Uruguay.
- PRINCE, FRANK W. (A'25), Radio Technician, Spokane Radio Company, Inc., 611 First Ave., Spokane, Wash.
- PRINCE, H. STANLEY (A'36), Chairman, Anti Static Installation, Ltd., St. Stephens House, Westminster, London, S.W. 1, England.
- PRINSKY, HAROLD B. (A'30), General Superintendent, RCA Victor Company, Ltd., Montreal, Que., Canada.
- PRITCHARD, WILLIAM H. (A'32), Assistant, Admiralty Scientific and Technical Pool, H. M. Signal School, Royal Naval Barracks, Portsmouth, Hants., England. For mail: 16, Carshalton Ave., Cosham, Hants, England.

- PROBERT, EDWARD (A'36), Assistant General Auditor, Deep Rock Oil Corporation, Atlas Life Bldg., Tulsa, Okla. For mail: 1811 S. Yorktown, Tulsa, Okla.
- PRUITT, WILBUR C. (A'26), Engineer, WIAM, 1367 E. Sixth St., Cleveland, Ohio.
- PULLEY, ALBERT A. (A'25), Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 31 Cambridge Rd., Westmont, N.J.
- PULLEY, LESTER A. (A'18), Methods Engineer, Western Electric Company, 100 Central Ave., Kearny, N.J. For mail: 2 Park Ave., Cranford, N.J.
- PURCELL, ROBERT H. (A'32), Technical Assistant, Bell Telephone Laboratories, Inc., 395 Hudson St., New York N.Y.
- PUTNAM, ERLE T. (A'26), Secretary-Treasurer, Victrolite Construction Company, 407 E. Fort St., Detroit, Mich. For mail: 515 S. Chalmers Ave., Detroit, Mich.
- PUTNAM, JOHN P. (A'25), Research Engineer, Reece Buttonhole Machine Company, 502 Harrison Ave., Boston, Mass. For mail: 535 Beacon St., Boston, Mass.
- PUTNAM, RALPH E. A. (A'28), 1103 S. Willow St., Ottawa, Kan.
- PYE, HAROLD C. (A'20), Engineer, Associated Electric Laboratories, Inc., 1027 W. Van Buren St., Chicago, Ill. For mail: 208 Pleasant St., Oak Park, Ill.
- PLYLE, WILLIAM D. (A'36), 202 Continental Oil Bldg., Denver, Colo.
- Q
- QUAINTANCE, LELAND C. (A'26), Radio Engineer, Federal Communications Commission, Washington, D.C. For mail: 801 Easley St., Silver Spring, Md.
- QUEMENT, FRANK J. (A'22), Commanding Officer, Section 4, Volunteer Communication Reserves, Twelfth Naval District, San Jose, Calif. For mail: 1348 Hanchett Ave., San Jose, Calif.
- QUINN, JAMES R. (A'36), Salesman, Hughes Trader, Ltd., 62, Northumberland St., Newcastle-on-Tyne, England. For mail: 37, Myrtle Grove, Newcastle-on-Tyne 2, England.
- R
- RAABE, VICTOR (S'36), Student, University of Cincinnati, Cincinnati, Ohio. For mail: 2640 Burnet Ave., Cincinnati, Ohio.
- RABECKI, WLADYSLAW (A'36), Engineer-in-Chief, Warsaw Broadcast Transmitter, Polska Radio Plac, Dabrowskiego 3, Warsaw, Poland. For mail: Warszawa Litewska 2 M 6, Warszawa 1, Poland.
- RACEN, FERDINAND (A'33), Factory Manager and Research Director, W. G. Shelton Company, 1709 Locust, St. Louis, Mo. For mail: 7149 Pershing, University City, Mo.
- RADFORD, ERNEST R. (A'35), Broadcast Engineer, British Broadcasting Corporation, Portland Pl., London, W. 2, England. For mail: 14 FitzWarren Gardens, London, N 19, England.
- RAINWATER, BROWN V. (J'33-A'35), Edison Hotel, Beaumont, Tex.
- RAJAM, C. V. (A'34), University Research Scholar, Physics Department, Madras University, Madras, India.
- RAMANATHAN, K. N. (A'36), Assistant, Electrical Laboratory, College of Engineering, Guindy, Saidapet, Madras, India. For mail: 42 Mowbray's Rd., Mylapore, Madras, India.
- RAMSAY, JOHN F. (J'27-A'30), Engineer, Marconi's Wireless Telegraph Company, Ltd., Chelmsford, Essex, England. For mail: "Balgray," 6, Chapelton Dr., Largs, Ayrshire, Scotland.
- RAMSEY, ROLLA R. (M'26), Professor of Physics, Indiana University, Bloomington, Ind. For mail: 615 E. Third St., Bloomington, Ind.
- RANDALL, DORUS P. (A'19), Professor of Electrical Measurements, Syracuse University, Syracuse, N.Y. For mail: Box 28, University Station, Syracuse, N.Y.
- RANDALL, ROSS D. (S'34-A'36), Draftsman, Western Sugar Refinery, Foot of 23rd St., San Francisco, Calif. For mail: 1833 Catalina Ave., Berkeley, Calif.
- RANGASWAMINGAR, K. S. (A'35), Technical Assistant, All India Radio, Delhi, India. For mail: Madras Hotel, Connaught Circus, New Delhi, India.
- RANKIN, JOHN A. (A'35), License Engineer, RCA License Laboratory, 711 Fifth Ave., New York, N.Y. For mail: 70-12-34th Ave., Jackson Heights, L.I., N.Y.
- RANKIN, SAMUEL A. (A'36), 593 Prindle St., Sharon, Pa.
- RANSOM, GLEN B. (A'28), Circuit Layout Engineer, American Telephone and Telegraph Company, Rm. 2110, 32 Sixth Ave., New York, N.Y.
- RAO, BASURU V. (A'34), Anandashram, Chandavarkar and Sir Bhalchandra Rds., Plot 315, Matunga, Bombay 19, India.
- RAO, HATTIKUDUR V. (A'36), Engineering Supervisor, Telegraphs, Devlali, Bombay, India. For mail: Sunnyside, Vakola, Santacruz, Bombay, India.
- RAO, N. R. (A'36), Director and Engineer, Universal Radio Company, B/4 Maskati Bldg., Forjett Hill, Bombay 7, India.
- RAO, P. VENKATO (A'35), Assistant Engineer, Siemens, India, Ltd., Box 898, Bombay, India. For mail: 18A, Kennedy Bridge, Bombay 4, India.
- RAO, S. RAGHUNATHA (A'35), Pykara Station, Glenmorgan P.O., Nilgiris, S. India.
- RAPAGNANI, PETER A. (A'26), Owner, Radio-Vision Service Company, 1209 W. Third St., Chester, Pa. For mail: 927 W. Third St., Chester, Pa.
- RAPP, WILLIAM F., JR. (J'35), Student, Peddie School, Hightstown, N.J.
- RAPPAPORT, MORRIS (A'32), Development Engineer, Cambridge Instrument Company, Ossining, N.Y. For mail: Fuller Gardens, Ossining, N.Y.
- RAPSON, ERNEST T. A. (A'31), Lecturer, Electrical and Radio Engineering Technical College, Beaconsfield Rd., Southall, Middx., England.
- RASHDUNI, HARUTUN D. (A'36), Electrical Maintenance Foreman, Iraq Petroleum Company, Ltd., Haditha, Iraq.
- RATCHFORD, HARRY L. (A'36), Factory Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 308 E. Third St., Emporium, Pa.
- RATCHFORD, WILLIAM J. (A'26), Engineer, Canadian Marconi Company, 211 St. Sacrament St., Montreal, Que., Canada. For mail: Canadian Marconi Company, Drummondville, Que., Canada.
- RATCLIFFE, J. A. (A'32), Sidney Sussex College, Cambridge, England.
- RATLIFF, WILLIAM H., JR. (S'34), Student, Georgia School of Technology, Atlanta, Ga. For mail: Box 1, Georgia Tech. Y.M.C.A., Atlanta, Ga.
- RATTIGAN, JOHN H. (A'35), Service Engineer, Radio Engineering Service, East Manchester, N.H. For mail: 440 Belmont St., Manchester, N.H.
- RATTS, BRUCE H. (A'36), Radio Operator, Westinghouse Radio Stations, Inc., Fort Wayne, Ind. For mail: 2923 Alexander St., Fort Wayne, Ind.
- RAU, DAVID S. (A'22), Engineer, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- RAUB, LOUIS A. (A'36), Radio Engineer, Erie Police Department, Erie, Pa. For mail: 2618 Pennsylvania Ave., Erie, Pa.
- RAUDENBUSH, CHARLES (A'36), Factory Engineer, Hygrade Sylvania Corporation,

RAW-RHO

- Emporium, Pa. For mail: 37½ E. Fourth St., Emporium, Pa.
- RAWLING, GEORGE I.** (A'32), Managing Director, Beacon Radio Manufacturing Company, Ltd., 75 Pellon La., Halifax, Yorks., England.
- RAWLINS, ROBERT E.** (S'36), Engineer, KUSD, University of South Dakota, Vermillion, S.D.
- RAYMENT, KENNETH I.** (A'30), Chief Engineer, Home Radio Lowestoft, Ltd., Burton St., Lowestoft, Suffolk, England. For mail: Lynmouth, Regent Rd., Lowestoft, Suffolk, England.
- READ, GEORGE W.** (A'35), Television Engineer, Don Lee Broadcasting System, 1076 W. Seventh St., Los Angeles, Calif. For mail: 360 W. Broadway, Glendale, Calif.
- READY, WILLIAM A.** (A'25), President, National Company, 61 Sherman St., Malden, Mass. For mail: 416 Clinton Rd., Brookline, Mass.
- REAGER, ALBERT M.** (A'30), Owner, Reager Radio Service, 2504 E. Washington St., Indianapolis, Ind.
- REBER, GROTE** (A'33), Radio Engineer on Household Set Design, Stewart Warner Corporation, 1828 Diversey Pkwy., Chicago, Ill. For mail: 212 W. Seminary Ave., Wheaton, Ill.
- RECTOR, EDWIN W.** (J'31-A'32), Chief Engineer, WKZO, Burdick Hotel, Kalamazoo, Mich.
- RECTOR, EUGENE M.** (S'36), 1157 E. Third St., Long Beach, Calif.
- REDINGTON, EDMUND B.** (A'35), Instructor in Radio Engineering and Mathematics, Capitol Radio Engineering Institute, 3308 14th St., N.W., Washington, D.C. For mail: Apt. 502, 1445 Park Rd., N.W., Washington, D.C.
- REDINGTON, JOHN H.** (A'35), Engineer, Ferris Instrument Corporation, Boonton Ave., Boonton, N.J. For mail: 324 Cornelia St., Boonton, N.J.
- REEBER, HERMAN E.** (A'25), Design Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: Box 62, Camden, N.J.
- REEDY, PAUL H.** (S'35), Part-time Assistant and Graduate Student, Electrical Engineering Department, Purdue University, West Lafayette, Ind. For mail: 409 Chauncey Ave., West Lafayette, Ind.
- REESE, JOHN S.** (A'34), Lieutenant, U. S. Navy, U.S.S. *Texas*, c/o Postmaster, San Francisco, Calif.
- REESOR, DELBERT A.** (A'28), District Manager, Transmitter Sales, RCA Manufacturing Company, Inc., 492 Peachtree St., Atlanta, Ga.
- REEVES, J. RUSSELL** (A'25), Computer, Geophysical Department, Barnsdall Oil Company, 2212 Esperson Bldg., Houston, Tex. For mail: Box 2233, University Station, Enid, Okla.
- REICH, HERBERT J.** (A'26), Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill.
- REICHARD, WILLIAM C.** (A'34), In Charge of Channel Efficiency Bureau, American Telephone and Telegraph Company, Netcong, N.J. For mail: c/o General Delivery, Netcong, N.J.
- REID, DONALD G.** (A'32), Lecturer in Communications, City and Guilds Engineering College, Imperial College of Science and Technology, Exhibition Rd., London, S.W. 7, England. For mail: 56 Forestdale, Southgate, London, N. 14, England.
- REID, HENRY L.** (A'23), Owner, Henry L. Reid Company, 1103 Peachtree St., N.E., Atlanta, Ga.
- REID, IRL H.** (A'20), Engineer-in-Charge, RCA Communications, Inc., Point Reyes Station, Marin County, Calif.
- REID, RALPH J.** (A'28), Studio Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y. For mail: Rm. 2147, Hotel Wellington, New York, N.Y.
- REILING, PAUL A.** (A'36), Member of Technical Staff, Bell Telephone Laboratories, 463 West St., New York, N.Y.
- REINARTZ, JOHN L.** (M'32), Assistant to Director of WCAC, Connecticut Agricultural College, Storrs, Conn. For mail: 176 Wadsworth St., Manchester, Conn.
- REINECKE, BERNARD V.** (A'36), Sound Engineer, 80 New York Ave., Brooklyn, N.Y.
- REKART, ARTHUR F.** (A'28), Radio Engineer, Star-Times Publishing Company, 12th St. and Delmar Blvd., St. Louis, Mo. For mail: 5942 Park La., St. Louis, Mo.
- REMDE, JACK** (A'28), Vice President, Charge of Laboratory, Simpson Electric Company, 5216 W. Kinzie St., Chicago, Ill. For mail: 4945 N. Melvina Ave., Chicago, Ill.
- REMICK, ERNEST C.** (A'33), Leadingman Electrician, U. S. Government, Navy Yard, Portsmouth, N.H. For mail: 20 Whipple Rd., Kittery, Maine.
- REMLEY, HILTON L.** (S'34-A'36), Meterman, New Mexico Power Company, Santa Fe, N.M. For mail: 323 Washington Ave., Santa Fe, N.M.
- RENFRO, HAROLD E.** (A'24), Radio Engineer, City Light Department, Seattle, Wash. For mail: 1837 Hamlin St., Seattle, Wash.
- RENNER, DARWIN S.** (A'34), Geophysicist, Geophysical Service, Inc., 1311 Republic Bank Bldg., Dallas, Tex. For mail: 1621 Summit St., Columbus, Ohio.
- RENNICK, JOHN L.** (A'36), Engineer, Zenith Radio Corporation, 3620 Iron St., Chicago, Ill. For mail: 948 Edgcomb Pl., Chicago, Ill.
- RENS, HENDRIK** (A'36), Director of Instituut "Radio," Leeuwenhoekstraat 8, Hilversum, Netherlands.
- RENTON, RALPH J.** (A'29), Radio Inspector, Federal Communications Commission, Central Monitoring Station, Grand Island, Neb.
- REOCH, ALEXANDER E.** (M'14-F'16), Radio Corporation of America, 30 Rockefeller Plaza, New York, N.Y.
- REPLOGLE, DELBERT E.** (M'29), President, Electronic Mechanics, Inc., 201 E. 12th St., New York, N.Y. For mail: 443 Meadowbrook Ave., Ridgewood, N.J.
- RETTENMEYER, F. X.** (A'26-M'29), Manager, Receiver Engineering, RCA Manufacturing Company, Inc., Camden, N.J.
- RETTER, CLEO T.** (A'30), Radio Engineer, Retter Radio Service Company, 30 W. Beechwood Ave., Dayton, Ohio.
- REUKEMA, LESTER E.** (A'30), Associate Professor of Electrical Engineering, University of California, Berkeley, Calif. For mail: 2319 Oregon St., Berkeley, Calif.
- REUMAN, W. H.** (A'25), President, Long Island Broadcasting Corporation, 41-30-58th St., Woodside, L.I., N.Y.
- REÜTHE, GUSTAV** (M'17), Telefunken-Oberingenieur, Apartado 2016, Mexico, D.F.
- REYNOLDS, CHARLES B., JR.** (A'32), 6905 Detroit Ave., Apt. 5, Cleveland, Ohio.
- REYNOLDS, DELOS J.** (A'36), Assistant Engineer, The Kelley Koett Manufacturing Company, Covington, Ky. For mail: 272 Deverill St., Ludlow, Ky.
- REYNOLDS, FRANCIS M.** (A'35), Radio Engineer, Radio Engineering Department, General Electric Company, Schenectady, N.Y.
- REYNOLDS, JOHN L.** (A'36), Staff Engineer, Electrical Research Products, Inc., 50 W. 57th St., New York, N.Y. For mail: Electrical Research Products, Inc., Rm. 1205, 195 Broadway, New York, N.Y.
- REYNOLDS, W. W.** (A'30), U. S. Coast Guard, 45 Bay St., Staten Island, N.Y. For mail: 189 Dickie Ave., Staten Island, N.Y.
- RHODE, ELMER** (J'32-A'33), Engineer,

- Rhode Radio Service, 433 N. Sixth St., La Crosse, Wis.
- RHODES, L. G. E.** (J'16-A'17), RCA Manufacturing Company, Inc., 1016 N. Sycamore, Hollywood, Calif. For mail: 5640 Santa Monica Blvd., Hollywood, Calif.
- RHYS-JONES, JOHN E.** (A'28), Radio Engineer, Marconiphone Company, Telephone House, Tottenham Court Rd., London, England. For mail: 50 Callander Rd., S.E. 6, London, England.
- RICE, ARTHUR R.** (A'31), Radio Engineer, U. S. Navy, Navy Yard, Mare Island, Calif. For mail: 760 Coventry Rd., Berkeley, Calif.
- RICE, CHESTER W.** (A'16-M'26-F'28), Engineering General Department, General Electric Company, Schenectady, N.Y. For mail: 1161 Lowell Rd., Schenectady, N.Y.
- RICH, F. L.** (A'36), 3932 Simpson St., Dallas, Tex.
- RICH, GERALD C.** (A'36), Radio Tube Engineer, Hygrade Sylvania Corporation, Loring Ave., Salem, Mass. For mail: 26 Kernwood Dr., Lynn, Mass.
- RICHARD, C. W.** (A'21-M'26), Chief Instructor, Communications Department, Air Corps Technical School, Chanute Field, Rantoul, Ill.
- RICHARDS, AMYLE P.** (A'36-M'37), Development Engineer, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio. For mail: 206 Main Ave., South Newport, Ky.
- RICHARDS, HORACE J.** (A'29), 217 Harding Ave., Collingswood, N.J.
- RICHARDS, PHILIP A.** (A'29), Tube Application Engineering, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 740 Springfield Ave., Summit, N.J.
- RICHARDS, WALTER S.** (A'29), Radio Supervisor, United Motors Service, Inc., Los Angeles Branch, 1225 S. Grand Ave., Los Angeles, Calif. For mail: 1467 Temple St., Los Angeles, Calif.
- RICHARDSON, AVERY G.** (A'25-M'29), Development Engineer, Fairchild Aerial Camera Corporation, 6210 Woodside Ave., Woodside, L.I., N.Y. For mail: 217-46 Corbett Rd., Bayside, L.I., N.Y.
- RICHARDSON, MARSTON S.** (A'26), Plant Inventory and Costs Engineer, Wisconsin Telephone Company, 722 N. Broadway, Milwaukee, Wis. For mail: 5353 N. Hollywood Ave., Milwaukee, Wis.
- RICHARDSON, WILLIAM D.** (A'36), Assistant Maintenance Engineer, British Broadcasting Corporation, London Television Station, Alexandra Palace, London, England. For mail: 53 Cassio Rd., Watford, Herts, England.
- RICHARDSON, WILLIAM G.** (A'36), Engineer in Charge of Monitoring Station, Canadian Radio Broadcasting Commission, National Research Bldg., Sussex St., Ottawa, Ont., Canada. For mail: R.R. 3, Glencoe, Ont., Canada.
- RICHENS, JOHN R.** (A'36), Proprietor, Southern Radio Repair Company, 24 Church Rd., Parkstone, Dorset, England. For mail: 120 Sandbanks Rd., Parkstone, Dorset, England.
- RICHE, SILAS M.** (A'31), Engineer-in-Charge, Airway Radio Laboratory, U. S. Department of Commerce, 1850 S. Kostner Ave., Chicago, Ill.
- RICHMOND, HAROLD B.** (A'14-M'23-F'29), Treasurer, General Radio Company, 30 State St., Cambridge, Mass.
- RICHMOND, LAURENCE P.** (A'25), Associate Radio Engineer, U. S. Army Signal Corps, Wright Field, Dayton, Ohio.
- RICKARD, CHARLES E.** (M'15), Technical General Manager, Marconi's Wireless Telegraph Company, Ltd., and Marconi International Marine Communication Company, Electra House, Approach Rd., Victoria Em-
- bankment, London, W.C. 2, England. For mail: 5 Baldwyn Gardens, Acton, London, W. 3, England.
- RIDDEL, OLIVER A.** (J'27-A'30), Electronic Engineer. For mail: 1519 Hollywood Ave., Chicago, Ill.
- RIDDLE, ELMER R.** (A'29), Assistant to Plant Engineer, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- RIDENOUR, WILLIAM S.** (J'29-A'30), Partner, Linden Radio Service, 1944 Linden Ave., Baltimore, Md. For mail: 3801 Harlem Ave., Baltimore, Md.
- RIDER, JOHN F.** (A'36), President, John F. Rider, Publisher, 1440 Broadway, New York, N.Y.
- RIDGWAY, JAMES L.** (A'27), Senior Partner, Patterson and Ridgway, C.P.A., 74 Trinity Pl., New York, N.Y.
- RIEGER, WILLIAM (A'27), Naval Research Laboratory, Bellevue, Anacostia, D.C.**
- RIEPKA, HELLMUTH C.** (M'34), Member of Board of Directors, Steatit-Magnesia A. G., Dralowid-Werk, Teltow bei Berlin, Potsdamer Str. 57, Germany. For mail: Berlin-Lichterfelde-Ost, Jungfernstieg 7, Germany.
- RIESENKONIG, HERMAN (S'32-A'35), Executive Vice President, Lithoprint Company of New York, Inc., 41 Warren St., New York, N.Y. For mail: 3001 Spuyten Duyvil Pkwy., New York, N.Y.**
- RIETZKE, EUGENE H.** (A'20-M'31), President, Capitol Radio Engineering Institute, 14th and Park Rd., N.W., Washington, D.C.
- RIFAAT, TALIB (A'32), Technical Assistant to Superintending Engineer, Telegraphs, Baghdad, Iraq.**
- RIGGS, CLARE A.** (A'26), Sound Engineer, Warner Bros. Pictures, Inc., Warner Bros. First National Studios, Burbank, Calif. For mail: 3658 Valleybrink Rd., Los Angeles, Calif.
- RIGGS, JOHN H.** (A'36), Engineer, Rudolph Wurlitzer Company, North Tonawanda, N.Y. For mail: 1526 Kingston Ave., North Tonawanda, N.Y.
- RINEHART, BEN H.** (A'36), Service Engineer, 3767 N. Illinois St., Indianapolis, Ind. For mail: 1920 Park Ave., Indianapolis, Ind.
- RINES, DAVID (A'19), Patent Attorney, Rm. 739, 1 Federal St., Boston, Mass.**
- RING, ANDREW D.** (A'26), Radio Engineer, Federal Radio Commission, Washington, D.C. For mail: 3511 Davenport St., N.W., Washington, D.C.
- RING, DOUGLAS H.** (A'31), Member of Technical Staff, Bell Telephone Laboratories, Inc., Box 107, Red Bank, N.J.
- RING, EDWARD F.** (A'31), Engineer, WTAX, Springfield, Ill. For mail: 713 S. English Ave., Springfield, Ill.
- RINGEL, ABRAHAM (A'18-M'22), 608 Jerome St., Brooklyn, N.Y.**
- RISHELL, GEORGE L.** (A'25), Chief Factory Engineer, Emporium Plant, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 138 E. Fifth St., Emporium, Pa.
- RISING, VAUGHN K.** (S'36), Student, Indiana Technical College, Fort Wayne, Ind. For mail: Algona, Iowa.
- RISSLER, HAROLD D.** (A'28), Radio Engineer, WHO, Central Broadcasting Company, 914 Walnut St., Des Moines, Iowa.
- RITCHIE, ALLAN V.** (A'36), Superintendent, Beacon Laboratory, The Texas Company, Beacon, N.Y. For mail: Drawer F, Beacon, N.Y.
- RITTENHOUSE, LEON H.** (A'34), Professor in Charge of Engineering, Haverford College, Haverford, Pa.
- RITTER, EUGENE W.** (M'30), Manager, Research and Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- RIU, AUSTIN M.** (A'26), Radio Engineer, Instituto Radio Tecnico, Via Augusta 115,

RIV-ROH

- Barcelona, Spain. For mail: Apartado 1058, Barcelona, Spain.
- RIVES, TOM C. (M'29)**, Major, Signal Corps, U. S. Army, Maxwell Field, Montgomery, Ala.
- ROAKE, WILBER C. (S'33-A'34)**, Engineer, Electrical Engineering Department, Union Switch and Signal Company, Swissvale, Pa. For mail: 1304 Wood St., Wilkensburg, Pa.
- ROBB, FREDERICK G. (A'28)**, Engineer, Marconi's Wireless Telegraph Company, Ltd., Chelmsford, Essex, England. For mail: "Benmore," Galleywood Rd., Chelmsford, Essex, England.
- ROBB, JOHN G. (M'36)**, Research and Development Manager, Marconi's Wireless Telegraph Company, Ltd., Electra House, Victoria Embankment, London, W.C. 2, England.
- ROBBINS, IRWIN L. (A'35)**, Assistant Engineer, WCSH, Congress Square Hotel, Portland, Maine. For mail: 66 Rosemont Ave., Portland, Maine.
- ROBBINS, LYNN R. (A'32-M'36)**, Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Hudson View Gardens, New York, N.Y.
- ROBERSON, AUBREY M. (A'36)**, Buyer, Bloch Brothers, Water St., Selma, Ala. For mail: 114 Water Ave., Selma, Ala.
- ROBERTS, EVERETT L. (A'36)**, Assistant Professor, Electrical Engineering Department, 3 Lord Hall, University of Maine, Orono, Maine. For mail: 5 Summer St., Orono, Maine.
- ROBERTS, GUY N. (A'36)**, Dartford Rd., Near Broadway, South Shields, County Durham, England.
- ROBERTS, ROBERT H. (J'34-A'35)**, Radioman, U. S. Coast Guard, Treasury Department, Washington, D.C. For mail: U.S.S. *Atlanta*, Coast Guard, Seattle, Wash.
- ROBERTS, ROBERT S. (A'36)**, Radio Engineer, Wright and Weaire, Ltd., 740 High Rd., Tottenham, London, N. 17, England. For mail: 136 Cherrydown Ave., S. Chingford, London, E. 4, England.
- ROBERTS, SHELDON (A'31)**, Electrician, Columbus Railway Power and Light Company, Columbus, Ohio. For mail: 137 W. Goodale St., Columbus, Ohio.
- ROBERTS, WALTER VAN B. (A'22-F'29)**, Technical Adviser to Patent Department, Radio Corporation of America, 30 Rockefeller Plaza, New York, N.Y. For mail: 155 Hodge Rd., Princeton, N.J.
- ROBERTSON, JOSEPH J. C. (A'25)**, International Petroleum Company, Ltd., Talara, Peru. For mail: Apartado 38, Talara, Peru.
- ROBERTSON, NORMAN C. (A'30)**, Production Manager, E. K. Cole, Ltd., Ekco Works, Southend-on-Sea, Essex, England. For mail: Little Birches, Woodside, Leigh-on-Sea, Essex, England.
- ROBINSON, ALBERT L. (A'35)**, Bell Telephone Laboratories, Inc. Whippany, N.J.
- ROBINSON, CRAWFORD A. (A'32)**, Service Manager, C. W. Kelly and Son, 11 Lower Wyndham St., Guelph, Ont., Canada. For mail: 48 Mont St., Guelph, Ont., Canada.
- ROBINSON, DENIS M. (A'36)**, Research Engineer, Scophony, Ltd., Thornwood Lodge, Camden Hill, W. 8, London, England.
- ROBINSON, DUNCAN D. (A'36)**, Technical Director, Ross and Robinson, Ltd., 8 Western Ave., London, W. 3, England. For mail: "Esgair," Portsmouth Rd., Esher, Surrey, England.
- ROBINSON, EDWIN B. (A'36)**, Lieutenant (jg), U. S. Navy, Cruft Laboratory, Harvard University, Cambridge, Mass. For mail: 10 Dana St., Cambridge, Mass.
- ROBINSON, FREDERICK H. V. (A'24)**, Supervising Editor and Manager, Paper Department, Trade Odhams Press, Ltd., 93, Long Acre, London, W.C. 2, England. For mail: 29, Bedford St., Strand, London, W.C. 2, England.
- ROBINSON, GORDON D. (A'19)**, Senior Inspector, Engineering Materials, U. S. Navy, For mail: 522 Belleforte Ave., Oak Park, Ill.
- ROBINSON, HARRIS A. (J'27-A'29-M'36)**, Radio Engineer, Special Receivers Section, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 4300 York Rd., Philadelphia, Pa.
- ROBINSON, R. ROWE (A'31)**, Radio Instructor, Wanganui Technological College. For mail: 64 Durievale Rd., Wanganui, New Zealand.
- ROCHFORD, JOHN P. (A'23)**, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 168 Hopkins Ave., Haddonfield, N.J.
- ROCK, JAMES B. (M'36)**, Field Engineer, District Service Manager, RCA Manufacturing Company, Inc., 1339 Union Trust Bldg., Cincinnati, Ohio.
- ROCKWELL, RONALD J. (A'25-M'31)**, Technical Supervisor, WLW-WSAI-W8XAL, Crosley Radio Corporation, Colerain and Arlington Sts., Cincinnati, Ohio. For mail: 1743 Laurel Wood Cir., College Hill, Cincinnati, Ohio.
- ROCKWELL, STEPHEN A. (A'36)**, Radio Service, 8 Leon St., Somerville, Mass.
- ROCKWOOD, ALAN C. (A'25-M'30)**, Vacuum Tube Engineer, Raytheon Production Corporation, Newton, Mass. For mail: 12 Ransom Rd., Brighton, Mass.
- ROCKWOOD, GEORGE H., JR. (A'31)**, Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 120 Canoe Brook Pkwy., Summit, N.J.
- RODDY, VINCENT S. (A'30)**, Junior Radio Engineer, U. S. Army Signal Corps, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- RODER, HANS (M'29)**, Radio Engineer, General Electric Company, 1285 Boston Ave., Bridgeport, Conn. For mail: 525 Windsor Ave., Stratford, Conn.
- RODRIGUEZ, ALEXANDER E. (A'26)**, Zenith Radio Corporation, 6001 Dickens Ave., Chicago, Ill. For mail: Rm. 222, 1005 Belmont Ave., Chicago, Ill.
- RODRIGUEZ, APOLINARIO A. (A'35)**, Radio Engineer, Compania Telefonica Nacional de Espana, Avenida Pi Y Margall 2, Madrid, Spain.
- RODWIN, GEORGE (A'25)**, Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 96 Hart Blvd., Randall Manor, S.I., N.Y.
- ROE, DOUGLAS J. (A'36)**, In Charge of Radio Sales and Service, L. Klein Department Store, Halsted, 14th and Liberty Sts., Chicago, Ill. For mail: 1508 N. Central Ave., Chicago, Ill.
- ROE, JOHN H. (A'35)**, Research Division, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 4657 Roosevelt Ave., Merchantville, N.J.
- ROGERS, EDWARD S. (M'27)**, President, Rogers Majestic Corporation, Ltd., 622 Fleet St., Toronto, Ont., Canada.
- ROGERS, KARL E. (A'36)**, Sales Manager, The Carborundum Company, Niagara Falls, N.Y. For mail: 1920-16th St., Niagara Falls, N.Y.
- ROGERS, WALTER S. (A'35)**, Chief Engineer, Radio Shack, Inc., 46 Brattle St., Boston, Mass. For mail: 11 Euston St., Brookline, Mass.
- ROGGENBUCK, ROBERT A. (S'36)**, Student, Lawrence Institute of Technology, Highland Park, Mich. For mail: 2972 Garland Ave., Detroit, Mich.
- ROHNER, ARNOLD J. (A'30)**, Box 173, Palo Alto, Calif.
- ROHRICH, GEORGE J. (A'26)**, Radio Instructor, National Radio Institute, 1223 Connecticut Ave., N.W., Washington, D.C. For

- mail: 521 Sheridan St., Washington, D.C.
- ROJAS, ANGEL H.** (A'35), Assistant Radio Engineer, XENT, Compania Industrial Universal, 220 Convent Ave., Box 410, Laredo, Tex.
- ROJAS, FERNANDO R.** (A'35), Transmission Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y. For mail: 56 Winthrop St., Brooklyn, N.Y.
- ROLFE, RONALD G.** (A'33), Chief Engineer, G. H. Parker and Company, 10 St. James Rd., London N. 10, England. For mail: 55 Alexandria Park Rd., London, N. 10, England.
- ROMANDER, HUGO** (A'28), Engineer, Federal Telegraph Company, 200 Mt. Pleasant Ave., Newark, N.J.
- ROOF, RAYMOND B.** (A'25), Chief Engineer, WELL, 1 W. Michigan Ave., Battle Creek, Mich.
- ROOHK, H. VERNON** (A'36), Engineer, Public Ad., Inc., 2015 E. 65th St., Cleveland, Ohio. For mail: 1895 E. 75th St., Cleveland, Ohio.
- ROORDA, JURJEN, JR.** (A'27), Engineer, Sales Department, Nederlandsche Seintoo-stellenfabriek, J.v.d. Hevdenstraat, Hilversum, The Netherlands. For mail: Vosmaer-laan 13, Hilversum, The Netherlands.
- ROSE, ALBERT** (A'36), Research Physicist, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- ROSE, ARTHUR F.** (M'24), Telephone Engineer, American Telephone and Telegraph Company, 195 Broadway, New York, N.Y.
- ROSE, CHARLES F. P.** (A'22), 211 Hoover Rd., Asbury Park, N.J.
- ROSE, FRANCIS W.** (A'28), Radio Specialist, 714 Cormorant St., Victoria, B.C., Canada.
- ROSE, GEORGE M., JR.** (A'31), Development Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- ROSE, JOSEPH K.** (A'27), Service Manager, Wells-Gardner and Company, 2701 N. Kildare Ave., Chicago, Ill. For mail: 5054 Wellington Ave., Chicago, Ill.
- ROSE, SIDNEY** (A'24), Electrician, Ontario Government, Canada. For mail: Sub. 10, London, Ont., Canada.
- ROSEKRANS, PAUL** (A'34), Chief Engineer, WBT, Inc., Wilder Bldg., Charlotte, N.C. For mail: 1812 Wilmoore Dr., Charlotte, N.C.
- ROSENBAUM, ALVIN H.** (A'35), Superintendent, Sigmund Cohn, 44 Gold St., New York, N.Y. For mail: 101 Woodruff Ave., Brooklyn, N.Y.
- ROSENBAUM, JACOB** (J'27-A'35), Design Engineer, Savil Radio Engineering Corporation, 71-73 Grand St., New York, N.Y. For mail: 1095 Blake Ave., Brooklyn, N.Y.
- ROSECRANS, CHARLES A.** (A'35), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 3602 Chestnut St., Philadelphia, Pa.
- ROSS, J. D.** (A'28), Superintendent, Department of Lighting and Power, Seattle, Wash.
- ROSS, KENNETH B.** (A'28), K. B. Ross Manufacturing Company, 2007 S. Michigan Ave., Chicago, Ill.
- ROSS, RUSSELL H.** (A'24), Assistant Electrical Engineer, Minnesota Power and Light Company, 32 W. Superior St., Duluth, Minn. For mail: 1820 E. Sixth St., Duluth, Minn.
- ROSS, SAMUEL J.** (M'34), Transmission Engineer, Postmaster General's Department, Queensland, Australia. For mail: Engineering Branch, G.P.O. Brisbane, Queensland, Australia.
- ROSSER, THEODORE N.** (A'36), Radio Engineer, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind.
- ROSSI, RALPH J. T.** (A'26), Engineer in Charge of Construction, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- ROTTERS, HERBERT C.** (A'36), Stevens Institute of Technology, Hoboken, N.J.
- ROTHBERG, JOSEPH** (J'29-A'30), Sales Representative, Tobe Deutschman Corporation, Canton, Mass. For mail: 31 Wellington Hill St., Mattapan, Mass.
- ROTHE, HORST** (M'29), Hallesches Ufer 12-13, Berlin, S.W. 11, Germany.
- ROTHENBERG, SAM M.** (A'33), Production Engineer, Emerson Television and Radio Company, 111 Eighth Ave., New York, N.Y. For mail: 166 Throop Ave., Brooklyn, N.Y.
- ROUSH, FLOYD H.** (A'35), Engineer, WWJ, Detroit News, Detroit, Mich. For mail: 10028 Pinehurst Ave., Detroit, Mich.
- ROWE, CHARLES R.** (J'19-A'21-M'27), Philadelphia Representative, Oak Manufacturing Company, 711 W. Lake St., Chicago, Ill. For mail: Wyncote Hall, 50th and Spruce Sts., Philadelphia, Pa.
- ROWE, VICTOR G.** (A'25), Inspector, Federal Communications Commission, Rm. 1106, Rives-Strong Bldg., 112 W. Ninth St., Los Angeles, Calif. For mail: 6747 Fifth Ave., Los Angeles, Calif.
- ROWLAND, EDGAR S.** (T'24-A'27), Consulting Radio Engineer, 27 Upper Brownhill Rd., Nursling, Southampton, England.
- ROWLAND, LAURENCE J.** (A'35), Mill Man, Hollinger Consolidated Gold Mines, Ltd., Timmins, Ont., Canada. For mail: Box 592, Timmins, Ont., Canada.
- ROY, ERNEST H.** (A'35), Short-Wave Technician, WBEN, Hotel Statler, Buffalo, N.Y. For mail: 154 Wakefield Ave., Buffalo, N.Y.
- ROYDEN, GEORGE T.** (A'19-M'27-F'33), Engineer, Federal Telegraph Company, 200 Mt. Pleasant Ave., Newark, N.J.
- ROYS, H. E.** (A'27), Engineer, RCA Manufacturing Company, RCA Victor Division, Camden, N.J. For mail: 306 White Horse Pike, Haddon Heights, N. J.
- RUBENSTEIN, SAMUEL J.** (A'30), Chief Engineer, Radio Corporation of New Zealand, Ltd., 80 Courtenay Pl., Wellington, New Zealand. For mail: 6 Butt St., Brooklyn, Wellington, S.W. 1, New Zealand.
- RUCKER, FREDERICK** (A'30), Radio Operator, Air Navigation, Department of Commerce, U. S. Airways Teletype Station, Vandalia, Ohio.
- RUDOLPH, ERNEST** (A'35), Box 562, Bishop, Calif.
- RUE, H. E.** (S'36), Electrical Engineer, Hoover Electric Cleaner Company, North Canton, Ohio. For mail: 307 E. Lincoln Way, Minerva, Ohio.
- RUEDY, RICHARD** (A'30), Testing Engineer, Silver Radio Factory, Toronto, Ont., Canada. For mail: 321 Cloverdale Rd., Ottawa, Ont., Canada.
- RUHSENBERGER, JOHN R.** (A'34), Lieutenant, U. S. Navy, Flight Officer, VP 14 F, Naval Air Station, Norfolk, Va.
- RULLIER, ANTOINE T.** (A'35), Radio Chief Engineer, Société Mîlde, 100 Boulevard Voltaire, Asnières, Seine, France. For mail: 16 Rue du Ponceau, Chatillon s/ Bagneux, Seine, France.
- RULON, MORGAN C.** (S'36), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 526 Beacon St., Boston, Mass.
- RUMPEL, CARL H.** (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- RUNDQUIST, ELLIOT C.** (A'22), Supervisor, Frequency Measuring Laboratory, RCA Communications, Inc., 140 Moriches Rd., Riverhead, L.I., N.Y. For mail: 146 Prospect Pl., Riverhead, L.I., N.Y.
- RUNYON, CARMAN R., JR.** (A'18), Vice President, Burns Bros., New York, N.Y. For mail: 544 N. Broadway, Yonkers, N.Y.
- RUSCOE, CHARLES R.** (A'29), Sales Representative, Hope Gibbons, Ltd., Box 962, Auckland, Weddington, Christchurch, New Zealand.

RUS-SAS

- RUSH, WALTER A. (F'36), Controller of Radio, Government of Canada, Radio Division, Air Services Branch, Department of Transport, Ottawa, Ont., Canada. For mail: 200 Rideau Ter., Ottawa, Ont., Canada.
- RUSS, JOHN A. (A'30), U. S. Radio Inspector, Federal Communications Commission, 1025 Federal Bldg., Detroit, Mich.
- RUSSELL, CECIL R. (M'18), Civil and Electrical Engineer, 100 Gloucester St., Christchurch, New Zealand. For mail: Box 606, Christchurch, New Zealand.
- RUSSELL, JOHN B., JR. (A'36), Assistant Professor of Electrical Engineering, Columbia University, New York, N.Y.
- RUSSELL, MATTHEW W. G. (M'29), Principal, Northeastern School of Wireless Telegraphy, Radio House, Shaftesbury Rd., Bridlington, Yorks., England.
- RUST, WILLIAM F., JR. (S'35), Student Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 21 Governors La., Schenectady, N.Y.
- RUTH, ROGER A. (A'35), Assistant Sound Engineer, Camera Works, Eastman Kodak Company, 333 State St., Rochester, N.Y. For mail: 2258 E. Main St., Rochester, N.Y.
- RYAN, ALBERT J. (A'33), Engineer and Manager, 2 CA, A. J. Ryan Broadcasters, Ltd., Kingston, Canberra, F.C.T., Australia.
- RYAN, CHARLES M. (A'36), Lieutenant, U. S. Navy, U. S. Naval Academy, Annapolis, Md.
- RYAN, FRANCIS M. (J'14-A'17-M'26), Radio Engineer, American Telephone and Telegraph Company, 195 Broadway, New York, N.Y.
- RYBNER, JÖRGEN C. F. (A'25), Chief of Technical Department, Geodetic Institute; Teacher of Electrical Communication, Royal Army's Officers' School, Proviantgaarden, Copenhagen, K. Denmark. For mail: Tranegaardsvej 61, Hellerup, Denmark.
- RYDBECK, OLOF E. H. B. (A'33), Consulting Radio Engineer, Lundgrensgatan 4, Göteborg, Sweden.
- RYDER, JACK D. (A'29), Electronic Engineer, Bailey Meter Company, 1050 Ivanhoe Rd., Cleveland, Ohio. For mail: 5084 Oakmont Dr., South Euclid, Ohio.
- RYLAND, ARNOLD (J'33-A'36), Broadcast Operator, National Broadcasting Service, 124 Featherstone St., Wellington C. 1, New Zealand. For mail: 3YA Transmitting Station, Gebbie's Pass, via Motukarara, Canterbury, New Zealand.
- RYMER, JAMES J. (A'32), Engineer, British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: 49 Stafford Rd., London, E. 3, England.
- RYPINSKI, MAURICE C. (A'20-M'28), 1000 Prospect Blvd., Pasadena, Calif.
- RZYMOWSKI, EUGENE K. (A'23), Engineer. For mail: Krasinskigo 8-30, Warsaw, 32, Poland.
- S**
- SADENWATER, HARRY (A'14-M'26), Engineering Products Sales, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 143 Colonial Ridge Dr., Haddonfield, N.J.
- SAKAI, NOBUICHI (A'36), Radio Engineer, Broadcasting Corporation of Japan, Shingohosyo, Shingo-Mura, Kitaadachi-gun, Saitama-ken, Tokyo, Japan.
- SAKAI, TAKEO (A'36), Engineer, Kokusai Denwa, c/o Komuro Receiving Station, Kokusai Denwa, Komuro, Kitaadachi-gun, Saitama Pref., Japan.
- SALATI, OCTAVIO M. (S'35), Graduate Student, Moore School of Electrical Engineering, University of Pennsylvania, 200 S. 33rd St., Philadelphia, Pa. For mail: Haddon Ave., Berlin, N.J.
- SALES, JOHN P. (A'35), Commanding Officer, Section 5, Twelfth Naval District, Naval Communications Reserve, For mail: Box 799, Petaluma, Calif.
- SALLES, GASTON (A'35), Chief Engineer, Etablissements Ariane, 119, rue de Montreuil, Paris, France.
- SALTMARSH, BEATRICE (J'23-A'25), Sandridge, Nr. St. Albans, Herts., England.
- SALTON, LYNN V. (M'36), Radio Engineer, T. Eaton Company, Ltd., Winnipeg, Manit., Canada. For mail: 1164 Grosvenor Ave., Winnipeg, Manit., Canada.
- SALZBERG, ARTHUR (A'34), Transmission Man, American Telephone and Telegraph Company, 32 Sixth Ave., New York, N.Y. For mail: 552 Rosedale Ave., Bronx, N.Y.
- SALZBERG, BERNARD (J'25-A'30), Engineer, Research and Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- SALZMAN, DAVID (A'27), Union Radio Service Laboratory, 2007 Foster Ave., Brooklyn, N.Y.
- SAMPSON, EDWARD J. F. (A'36), Radio Engineer, Alden Products Company, 715 Center St., Brockton, Mass. For mail: 17 E. Ashland St., Brockton, Mass.
- SAMPSON, HARVEY E. (A'35), Proprietor, Harvey Radio, 103 W. 43rd St., New York, N.Y.
- SAMUEL, ARTHUR L. (A'24), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- SAMUELSON, CYRUS D. (J'31-A'33), Engineering Department, WOR, 1440 Broadway, New York, N.Y. For mail: 85 Van Reypen St., Jersey City, N.J.
- SANBORN, J. W. (A'28), In Charge of Installation and Testing, China Electric Company, Ltd., 31 French Concession, Shameen, Canton, China.
- SANCHEZ, RUBÉN (S'34), Superintendent, District No. 1, Mayaguez Light, Power and Ice Company, Boulevard Stgo. Veve, Mayaguez, P.R. For mail: Box 243, San Germain, P.R.
- SANDERS, EDWARD W. (J'33-A'35), Crystal Laboratory, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 4029 Ormond St., Philadelphia, Pa.
- SANDERS, EDWIN R. (A'30), Development Engineer, WVIC, Hartford, Conn.
- SANDERS, ROYDEN C., JR. (S'35), Student, Rensselaer Polytechnic Institute, Troy, N.Y. For mail: 711 Prospect Ave., Audubon, N.J.
- SANDFORT, MARK (A'31), Engineer, Pacific Telephone and Telegraph Company, 140 New Montgomery St., San Francisco, Calif.
- SANDORF, IRVING J. (A'29), Associate Professor of Electrical Engineering, University of Nevada, Reno, Nev.
- SANDRETTO, PETER C. (A'30), Communications Engineer, United Airlines Transport Corporation, 5936 S. Cicero Ave., Chicago, Ill. For mail: 607 S. Chicago St., Joliet, Ill.
- SANDS, WILLIAM F. (A'27), Test Equipment Supervisor, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 739 Noble St., Norristown, Pa.
- SANTO, ROBERT E. (S'35), Demonstrator, Electrical Engineering Laboratory, University of Toronto, Toronto, Ont., Canada. For mail: 17 Craig St., London, Ont., Canada.
- SANTOS, ANTHONY S. (A'14), 2525 Bedford Ave., Brooklyn, N.Y.
- SAPHIR, FRANK (A'30), Receiving Engineer, RCA Communications, Inc., Riverhead, L.I., N.Y.
- SARGEANT, CHARLES E. (A'27), Manufacturers' Representative, 24 W. 69th St., New York, N.Y.
- SARNOFF, DAVID (A'12-M'14-F'17), President, Radio Corporation of America, 30 Rockefeller Plaza, New York, N.Y.
- SASAKI, TEI (A'36), Chief of Chureki Station, Kokusai Denwa, Kolimachiku, Uchi, Saiwai, Cho, 1-3 Osaka Bitu, Tokyo, Japan.

- For mail: Chureki Soshinsho, Korio, Churekigai, Shinchiku, Taiwan, Japan.
- SASTRY, SISTA S.** (A'34), Confidential Clerk, F. F. Chrestien and Company, Ltd., Domchanch, Behar, India. For mail: Domchanch, Behar, India.
- SATEREN, M. G.** (A'27), Section Engineer, Westinghouse Electric and Manufacturing Company, E. Springfield, Mass. For mail: 99 Amestown Rd., West Springfield, Mass.
- SATHER, ORVILLE J.** (A'34), Student, University of Minnesota, Minneapolis, Minn. For mail: R.R. 3, Anoka, Minn.
- SATIZELLE, SERGE R.** (A'33), Chief of Installations Department, Pathé Cinema, 6 Rue Francoeur, Paris 18^e, France. For mail: 137 Rue de la Renaissance, Bois-Colombes, Seine, France.
- SATOH, YOSHIKAZU** (A'36), Radio Engineer, Japan Wireless Telegraph Company, Ltd., Nissin-Seimei Bldg., Otemati, Tokyo, Japan.
- SAUER, HANS C.** (A'36), Instructor in Radio, University of Wisconsin, Extension Division, 623 W. State St., Milwaukee, Wis.
- SAUNDERS, HARRY M.** (A'34), Engineering Assistant, Western Union Telegraph Company, Rm. 1724, 60 Hudson St., New York, N.Y.
- SAUNDERS, WILLIAM P.** (A'23), Radio Specialist, General Electric Company, 1440 Locust St., Philadelphia, Pa. For mail: 1412 Westwood La., Overbrook Hills, Philadelphia, Pa.
- SAVILLE, HOMER F.** (J'31-A'32), Manager, Saville Radio Laboratories, 503 W. Main St., Blanchester, Ohio.
- SAWYER, GORDON E.** (A'27), Chief Engineer, Sound Department, United Artists Studio Corporation, 1041 N. Formosa Ave., Hollywood, Calif. For mail: 727 N. Alta Vista Blvd., Hollywood, Calif.
- SAXL, IRVING J.** (M'34), Consulting Physicist, 13 Ogden St., Providence, R.I.
- SAXON, MERL** (A'36), Radio Electrician, C. L. Du Puy, Chevrolet, Burke and Angelina Ave., Lufkin, Tex. For mail: 124 Fred Ave., Lufkin, Tex.
- SAYEKI, MITSURU** (M'16-F'16), Consulting Engineer of Japan Wireless Telegraph Company, Nissin Bldg., Otemachi nichome, Kojimachi Ku, Tokyo. Lecturer of Waseda University, Totsuka Machi, Yodobashi Ku, Tokyo. For mail: 1413 Fusuma Machi, Meguro Ku, Tokyo, Japan.
- SCANLAN, RICHARD J.** (A'26), Engineering Department, Hudson Motor Car Company, Detroit, Mich.
- SCARUFFI, JULIAN** (J'36), Student. 1142 W. Grand Ave., Chicago, Ill.
- SCALES, LESLIE B.** (A'36), 1515 W. Monroe St., Chicago, Ill.
- SCHAAF, RAYMOND H.** (J'32-A'34), Electro-Acoustic Products Company, Fort Wayne, Ind. For mail: Y.M.C.A., Fort Wayne, Ind.
- SCHAEFER, RICHARD J.** (A'35), Electrician, Briggs Manufacturing Company, Highland Park Plant, Highland Park, Mich. For mail: 9753 N. Martendale, Detroit, Mich.
- SCHAEVITZ, HERMAN** (S'35), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 1135 Haddon Ave., Camden, N.J.
- SCHAFER, ELWOOD W.** (S'32-A'33), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- SCHAFER, J. PETER** (A'24-M'30), Engineer, Bell Telephone Laboratories, Inc., Deal, N.J. For mail: Box 158, Pinecrest Rd., Oakhurst, N.J.
- SCHAFFER, PETER** (A'36), 15 Belsize Park, London, N.W. 3, England.
- SCHAFFNER, CARLOS L.** (A'34), Technical Director, Radio Department, Enrique Abal and Cia, Convencion 1313-1311, Montevideo, Uruguay. For mail: Minas 1566, Montevideo, R.O., Uruguay.
- SCHANTZ, J. STANLEY** (A'34), Broadcast Radio Engineer, WFIL Broadcasting Company, Eighth and Market Sts., Philadelphia, Pa. For mail: Randolph and Glencoe Aves., Fort Washington, Pa.
- SCHANTZ, JOSEPH D.** (S'33-A'35), Receiver Development Engineer, Farnsworth Television, Inc., 127 E. Mermaid La., Philadelphia, Pa.
- SCHETER, JACK** (A'27), President, North Radio Company, 172 Washington St., New York, N.Y. For mail: 1436 Clay Ave., Bronx, N.Y.
- SCHEER, FREDERICK H.** (A'35), Radio Engineer, F. W. Sickles Co., 300 Main St., Springfield, Mass. For mail: 17 Chateaguay St., Chicopee Falls, Mass.
- SCHELDORF, M. W.** (A'26), Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 1327 Garner Ave., Schenectady, N.Y.
- SCHELDORF, RANALD D.** (A'31), Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 306 White Horse Pike, Haddon Heights, N.J.
- SCELLENG, JOHN C.** (M'26-F'28), Radio Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Bell Telephone Laboratories, Inc., Deal, N.J.
- SCHENKE, KURTISS P.** (A'36), Marine Engineer and Yacht Broker, 50 E. 42nd St., New York, N.Y.
- SCHILLING, JOHN T.** (A'20), Vice President and General Manager, WHB, Scarritt Bldg., Kansas City, Mo. For mail: 4325 Bellefontaine, Kansas City, Mo.
- SCHIFFMAN, SOLOMON** (A'35), Technician, 668 Bedford Ave., Brooklyn, N.Y.
- SCHLAAK, NORMAN F.** (A'25), Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Box 122, Deal, N.J.
- SCHLICHER, KENNETH G.** (A'35), c/o International Aerotravel & Supplies, 420 Lexington Ave., New York, N.Y.
- SCHLUETER, EDWARD A.** (A'26), Engineer, Thomas and Schlueter, 2423 Santa Clara, Alameda, Calif. For mail: 3382 62nd Ave., Oakland, Calif.
- SCHMIDT, FRANCIS M.** (A'35), Research and Development Engineer, Rudolph Wurliizer Company, North Tonawanda, N.Y. For mail: 398 Robinson St., North Tonawanda, N.Y.
- SCHMIDT, FRED W., JR.** (A'36), Laboratory Assistant, Colonial Radio Corporation, Rano St., Buffalo, N.Y. For mail: 201 Locust St., Buffalo, N.Y.
- SCHMIED, JAMES W.** (A'19), Patent Attorney, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- SCHMIT, DOMINIC F.** (A'25), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 9 Iris Rd., Summit, N.J.
- SCHNEIDER, EVERETT J.** (A'36), Production Chemist, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 301 E. Alleghany Ave., Emporium, Pa.
- SCHNEIDER, ROBERT E.** (A'30), Instructor, RCA Institutes, 75 Varick St., New York, N.Y. For mail: 1314 Riverside Dr., New York, N.Y.
- SCHNEIDER, W. A.** (M'28), Assistant Professor of Physics, Washington Square College, New York University, New York, N.Y.
- SCHNELL, F. H.** (A'19-M'26), Engineer, General Household Utilities Company, 2638 N. Fulaski Rd., Chicago, Ill. For mail: 4915 N. Sawyer Ave., Chicago, Ill.
- SCHNELL, LOUIS J.** (A'25), Consulting Radio Engineer, 1707 N. Corona St., Colorado Springs, Colo.
- SCHNELL, WILLIAM J.** (A'26), Chief Engineer, Electrical Research Laboratories, Inc.,

SCH-SCO

- 2222 Diversey Pkwy., Chicago, Ill. For mail: 1514 Wisconsin Ave., Berwyn, Ill.
- SCHNITZER, BERNARD E. (A'35)**, Television Research Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 1340 Foulkrod St., Frankford, Philadelphia, Pa.
- SCHNOLL, NATHAN (A'25)**, General Engineer, Solar Manufacturing Corporation, 599 Broadway, New York, N.Y. For mail: 750 Pelham Pkwy., New York, N.Y.
- SCHOCK, ROBERT E. (A'30)**, Radio Engineer, RCA Communications, Inc., Riverhead, L.I., N.Y. For mail: 145 Riverside Dr., Riverhead, L.I., N.Y.
- SCHOEMAKER, JOHN P. (A'36)**, Owner and Director, Radio Workshops, Laboratorio Radio Plus Ultra, Benjamin Constant 422, Asuncion, Paraguay. For mail: Casilla de Correo 516, Asuncion, Paraguay.
- SCHOEN, ARTHUR L. (A'26)**, Physicist, Research Laboratory, Eastman Kodak Company, Kodak Park, Rochester, N.Y. For mail: 110 Parkdale Ter., Rochester, N.Y.
- SCHOENBORN, FERDINAND J. W. (A'29)**, Shop Superintendent, RCA Communications, Inc., 140 Moriches Rd., Riverhead, L.I., N.Y. For mail: 1 Peg's Ln., Riverhead, L.I., N.Y.
- SCHOENFELD, EARL H. (A'35)**, Electrical Engineer, Heintz and Kaufman, Ltd., South San Francisco, Calif. For mail: 472 Clementina St., San Francisco, Calif.
- SCHOENWOLF, FRED L. (A'26-M'29)**, Engineer, Affiliated Broadcasting Company, Civic Opera Bldg., Chicago, Ill. For mail: 1917 Warner Ave., Chicago, Ill.
- SCHOLTEN, CHARLES H. (J'27-A'29)**, Electrician, Rahr Maltng Company, Manitowoc, Wis. For mail: 1313 Marshall St., Manitowoc, Wis.
- SCHOLZ, CARL E. (M'26)**, Engineer, International Telephone and Telegraph Corporation, 67 Broad St., New York, N.Y.
- SCHONERT, K. E. (A'30)**, Engineer, Station WEBQ, Harrisburg, Ill. For mail: 28 W. South St., Harrisburg, Ill.
- SCHOOLEY, ALLEN H. (A'35)**, Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- SCHOR, FERDINAND W. (A'35)**, Chief Engineer, Ultramar Manufacturing Corporation, 1160 Chatham Ct., Chicago, Ill.
- SCHOTEL, GERRIT (M'28)**, Engineer, Colonial Office, Technical Department, The Hague, The Netherlands. For mail: Ruychrocklaan 180, The Hague, Netherlands.
- SCHOTTLAND, FREDERIC D. (A'36)**, 109 E. 153rd St., New York, N.Y.
- SCHOU, CARL (A'20)**, Engineer, Dronninggards Alle 50, Holte, Denmark.
- SCHRADER, HAROLD J. (A'31)**, Engineer, Engineering Department, Bldg. 7-4, RCA Manufacturing Company, Inc., Camden, N.J.
- SCHRADER, WILLIAM A. (A'36)**, Radio Engineer, Communications Department, United Air Lines, 5936 S. Cicero Ave., Chicago, Ill.
- SCHREIBER, ERNST H. (A'28-M'32)**, Program Service Supervisor, Southern California Telephone Company, 740 S. Olive St., Los Angeles, Calif. For mail: 245 N. Gramercy Pl., Los Angeles, Calif.
- SCHREYER, THEODOR E. (A'31)**, Operation Supervisor, National Broadcasting Company, Inc., Merchandise Mart, Chicago, Ill.
- SCHUCK, O. HUGO (A'34)**, Development and Research Engineer, C. G. Conn, Ltd., Elkhart, Ind.
- SCHUETZ, ROBERT F. (J'28-A'28-M'36)**, Audio Facilities Engineer, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y.
- SCHULMAN, LEAO (A'33)**, Assistant Engineer, Marconi's Wireless Company, Caixa Postal, 126, Rio De Janeiro, Brazil.
- SCHULTES, MARTIN F. (A'26)**, 252-16 Brattle Rd., Little Neck, L.I., N.Y.
- SCHULTZ, ARTHUR F. (A'36)**, District Representative, Philco Radio and Television Corporation, 1310 Genesee Bldg., Buffalo, N.Y. For mail: 41 Delwood Rd., Kenmore, N.Y.
- SCHULTZ, FLOYD V. (A'32)**, Radio Engineer, Wilcox-Gay Corporation, Charlotte, Mich. For mail: 441 W. Lawrence, Charlotte, Mich.
- SCHULTZ, JAMES J. (A'30)**, Chief Engineer, WCAE, Inc., William Penn Hotel, Pittsburgh, Pa.
- SCHULTZ, PAUL C. (A'26)**, Chief Engineer, KYA, Hearst Radio, Inc., Hearst Bldg., San Francisco, Calif. For mail: 1779-18th Ave., San Francisco, Calif.
- SCHUMACKER, ALLAN L. (A'32)**, Engineer, Filter Division, Wired Radio, Inc., Ampere, N.J. For mail: 1917-54th St., Brooklyn, N.Y.
- SCHUMANN, FRED (A'36)**, Instructor in Electrical Engineering, Kansas State College, Manhattan, Kan.
- SCHWAB, CHARLES B. (A'25)**, Communication Engineer, Ohio Public Service Company, Cleveland, Ohio. For mail: Genoa Rd., R.F.D. 4, Massillon, Ohio.
- SCHWARZ, BERTRAM A. (M'29)**, Chief Engineer, Delco Radio Division, 1446 S. Home Ave., Kokomo, Ind.
- SCHWARZ, HARVEY F. (A'28)**, Chief Radio Engineer, Brunswick, Ltd., 1-3, Brixton Rd., London, S.W. 9, England.
- SCHWARZENBACH, EARL E. (A'30)**, Engineer, P. R. Mallory and Company, Inc., 3029 E. Washington, Indianapolis, Ind. For mail: 624 N. Drexel Ave., Indianapolis, Ind.
- SCHWENKER, ALFRED H. (A'31)**, Proprietor, Radio Service Laboratory, 859 Hazelwood Ave., Schenectady, N.Y.
- SCHWERIN, PAUL (M'31)**, 47 W. Pierrepont Ave., Rutherford, N.J.
- SCOFIELD, PHILIP F. (A'27-M'30)**, Chief Engineer, Heintz and Kaufman, Ltd., South San Francisco, Calif. For mail: 2310 Waverley St., Palo Alto, Calif.
- SCOFIELD, ROBERT W. (A'27)**, Assistant Engineer, New York and Queens Electric Light and Power Company, 40-22 Lawrence St., Flushing, L.I., N.Y.
- SCOTNEY, RONALD (A'32)**, Inventor and Research Engineer, 2A, Osborn Gr., Sherwood, Nottingham, England. For mail: 9 Osborne Gr., Sherwood, Nottingham, England.
- SCOTT, ALLEN W. (A'35)**, Chief Engineer, Stromberg-Carlson, Australasia, Ltd., 118 Bourke Rd., Sydney, N.S.W., Alexandria, Australia. For mail: 31 Holland St., Chatswood, Sydney, N.S.W., Australia.
- SCOTT, C. ARTHUR (A'36)**, Radio Inspector, Westinghouse, Ltd., Hamilton, Ont., Canada. For mail: 24 Ontario St., Burlington, Ont., Canada.
- SCOTT, EARL D. (S'32-A'34)**, Test Laboratory, Puget Sound Power and Light Company, Seattle, Wash. For mail: 16 Valley St., Seattle, Wash.
- SCOTT, ERNEST H. (M'34)**, President, E. H. Scott Radio Laboratories, Inc., 4450 Ravenswood Ave., Chicago, Ill.
- SCOTT, HERBERT J. (A'19)**, Assistant Professor of Electrical Engineering, University of California, Berkeley, Calif.
- SCOTT, HERMON H. (M'35)**, Engineer, General Radio Company, 30 State St., Cambridge, Mass. For mail: 149 Sycamore St., Winter Hill, Mass.
- SCOTT, HOWARD M. (A'36)**, Student, Northwestern Bell Telephone Company, Duluth, Minn. For mail: 513 W. Fourth St., Willmar, Minn.
- SCOTT, KENNETH L. (A'21)**, Engineer, Western Electric Company, Inc., Hawthorne Station, Chicago, Ill. For mail: 4620 Wolf Rd., Western Springs, Ill.
- SCOTT, MILTON C., JR. (A'31)**, Chief Engineer, WIOD, Isle of Dreams Broadcasting

- Corporation, 600 Biscayne Blvd., Miami, Fla.
- SCOTT, PETER R. (A'35), Test and Chief of Production, Birmingham Sound Reproducers, Ltd., Claremont Works, Old Hill, Staffs., England. For mail: Beechfield Lodge, Castle Cary, Somerset, England.
- SCOTT-TAGGART, JOHN (A'18-F'35), Consulting Engineer, Harlow Laboratories, Frinton-on-Sea, England.
- SCOVILLE, RAY R. (A'34), Development Engineer, Electrical Research Products, Inc., 7026 Santa Monica Blvd., Los Angeles, Calif. For mail: 524 Cavanaugh Rd., Glendale, Calif.
- SCROGGIE, MARCUS G. (A'32), Consulting Radio Engineer, 14A, Warren Ave., Bromley, Kent, England.
- SEAR, ARTHUR W. (A'30), Assistant Professor, Armour Institute of Technology, 3300 Federal St., Chicago, Ill.
- SEARLE, REGINALD F. J. (A'36), Radio Engineer, British Post Office, P. O. Research Station (Radio Section), Dollis Hill La., London N.W. 2, England.
- SEARS, GAROLD D. (J'29-A'32), Radio Operator, Oklahoma County Police Radio System, Oklahoma County Court House, Oklahoma City, Okla. For mail: 2433 N. W. 15th St., Oklahoma City, Okla.
- SEATON, STUART L. (A'29), Observer, Magnetic Observatory, Watheroo, Western Australia. For mail: Washington Grove, Md.
- SEAVERSON, OSWALD I. (A'29), In Charge of Technical and Maintenance Work, Seaverson Land and Livestock Company, 121 W. Maple St., Rawlins, Wyo.
- SECCOMBE, WILLIAM T. (A'34), Statistical Assistant, RCA Central Frequency Bureau, 30 Rockefeller Plaza, New York, N.Y.
- SECOR, HARRY W. (A'12), Managing Editor, *Short-Wave Craft*, Vice President, Popular Book Corporation, 99 Hudson St., New York, N.Y.
- SEELEY, S. WARD (A'26), 677 Ely Ave., Pelham Manor, N.Y.
- SEELEY, WALTER J. (A'22), Professor and Head of Electrical Engineering Department, Duke University, Durham, N.C.
- SEEMAN, WILLIAM E. (A'35), Sales Representative, Cornell-Dubilier Corporation, Solar Radio Corporation, 91 North Dr., Buffalo, N.Y.
- SEPTON, EDWIN F. (A'36), Radio Serviceman, Ludwig Baumann, 500 Eighth Ave., New York, N.Y. For mail: 637 Van Cortlandt Park Ave., Yonkers, N.Y.
- SEGAL, PAUL M. (A'26-M'29), 1010 Shoreham Bldg., Washington, D.C.
- SEGER, LUDWIG (A'31), 1751 Fillmore St., New York, N.Y.
- SEIBERT, JOHN L. (A'32), Radio Facilities Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y.
- SEIDL, FRANK A. (A'35), Radioman, U. S. Navy, Radio Division, U.S.S. *Maryland*, San Pedro, Calif.
- SEIELSTAD, HAROLD D. (A'28), Junior Engineer, U. S. Department of Commerce, Lighthouse Service, Radio Laboratory, E. Jefferson at Mt. Elliot, Detroit, Mich. For mail: 5559 Haverhill, Detroit, Mich.
- SEILS, HARRY A. (A'28), 927 Como Blvd., St. Paul, Minn.
- SEITZ, FRANK A. (J'29-A'32), Vice President, Station WFAS, Westchester Broadcasting Corporation, Roger Smith Hotel, White Plains, N.Y. For mail: 448 N. Broadway, Yonkers, N.Y.
- SELBY, EUGENE O. (A'28), Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 715 Cooper St., Camden, N.J.
- SELETZKY, ANATOLI C. (A'36), Assistant Professor of Electrical Engineering, Case School of Applied Science, Cleveland, Ohio.
- SELVIDGE, HARNER (A'31), Instructor in Communication Engineering, Cruft Laboratory, Harvard University, Cambridge, Mass.
- SEMONI, ANTHONY J. (A'36), Consulting Radio Technician, 1209-16th St., Sacramento, Calif.
- SENAUKE, ALEXANDER (M'28), Assistant Director, Popular Science Institute, New York University, University Heights, New York, N.Y.
- SENIOR, DAVID B. (A'27), U. S. Engineering Department, Philadelphia, Pa. For mail: Garden Apts., 6364 Germantown Ave., Philadelphia, Pa.
- SENN, GEORGE F. (S'35), Maintenance Department, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 7703 Hasbrook Ave., Philadelphia, Pa.
- SERRELL, ROBERT (A'36), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 274 Kings Highway East, Haddonfield, N.J.
- SEVERS, JAN (A'36), Radio Engineer, In Charge Technical Information Group, N.V. Philips Gloeilampenfabrieken, Eindhoven, The Netherlands. For mail: Bredalaan 77, Eindhoven, Netherlands.
- SEYFERT, STANLEY S. (M'19), Professor of Electrical Engineering, Head of Department, Lehigh University, Bethlehem, Pa. For mail: 55 W. Market St., Bethlehem, Pa.
- SHACKELFORD, B. E. (A'23-M'26), Manager, Harrison Patent Department, Radio Corporation of America, 415 S. Fifth St., Harrison, N.J.
- SHACKLETON, S. PAUL (M'32), Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- SHAFER, WILLIAM L. (A'23), Engineer, Bell Telephone Company of Pennsylvania, 416 Seventh Ave., Pittsburgh, Pa. For mail: 271 Parker Dr., Mt. Lebanon, Pittsburgh, Pa.
- SHAH, CHANDULAL C. (A'35), Lecturer in Chemistry, Baroda College, Baroda, India. For mail: Kothi Pole, Baroda, India.
- SHALKHAUSER, ERIC G. (A'20-M'29), President, Radio Manufacturing Engineers, Inc., 306 First Ave., Peoria, Ill. For mail: 147 Cooper Ave., Peoria, Ill.
- SHANE, WILLIAM A. (A'31), Chief Engineer, CRCT, R.R. 4, Bowmanville, Ont., Canada.
- SHANGRAW, CLAYTON C. (A'30-M'30), Sales and Service, Eclipse Aviation Company, 545 N. Arlington, East Orange, N.J. For mail: 7 Fairway Ave., West Orange, N.J.
- SHANKWEILER, RAY G. (A'35), Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 3602 Chestnut St., Philadelphia, Pa.
- SHANNON, CLAUDE E. (S'36), Student, University of Michigan, Ann Arbor, Mich. For mail: Gaylord, Mich.
- SHANNON, JOSEPH H. (M'16), Design Engineer, Radio Corporation of America, 66 Broad St., New York, N.Y.
- SHARP, JAMES M. (S'32-A'35), Instructor in Electrical Engineering, Stanford University, Stanford University, Calif. For mail: R.F.D. 1, Box 756, Palo Alto, Calif.
- SHARP, STANLEY (A'36), Senior Development Engineer, Radio and Telephone Works, General Electric Company, Ltd., Coventry, England. For mail: 49 Waverley Rd., Coventry, England.
- SHARP, VALENTINE (A'36), Service Engineer, Dominion Sound Equipments, Ltd., 1620 Notre Dame W., Montreal, P.Q., Canada. For mail: 5 Borden Ave., Cote St. Luke, Montreal, Que., Canada.
- SHARP, WERNER O. (A'33), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- SHARPE, MILBURN O. (A'31), Chief Engineer, WPFO, City of Knoxville, 409 N. Broadway, Knoxville, Tenn. For mail: Box 25, Knoxville, Tenn.
- SHARPLES, A. ROBERTS (A'19), Research Engineer, Meter Laboratory, 1116 W. Mont-

SHA-SHU

- gomery Ave., Philadelphia, Pa. For mail: 824 N. Drexel Ave., Drexel Hill, Pa.
- SHARPLESS, WILLIAM M.** (A'28), Radio Engineer, Bell Telephone Laboratories, Inc., Box 107, Red Bank, N.J.
- SHAW, CARL E.** (A'36), Radio Operator, Trans-Continental and Western Air Express, Kansas City, Mo. For mail: TWA Airport, Winslow, Ariz.
- SHAW, HENRY S.** (A'17-M'21-F'35), Chairman, Board of Directors, General Radio Company, 30 State St., Cambridge, Mass.
- SHAW, HOWARD B., JR.** (A'36), Assistant Engineer, U. S. Department of the Interior, 462 State Capitol Bldg., Charleston, W.Va.
- SHAW, ROBERT C.** (A'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: c/o Bell Telephone Laboratories, Inc., Deal, N.J.
- SHAW, ROBERT F.** (S'35), Student, Princeton University, Princeton, N.J. For mail: 5818 N. 13th St., Philadelphia, Pa.
- SHAW, ROBERT Mac K.** (A'26), Captain, Signal Corps, U. S. Army, Fort Hayes Barracks, Columbus, Ohio.
- SHAW, SYDNEY C.** (A'36), Assistant Engineer, British Broadcasting Corporation, Daventry, England. For mail: 18 Leyburn Grove, Shipley, Yorks., England.
- SHEA, RICHARD F.** (A'29-M'32), Chief Engineer, Fada Radio and Electric Company, 30-20 Thomson Ave., Long Island City, L.I., N.Y. For mail: 8961-212th Pl., Bellaire, L.I., N.Y.
- SHEAFFER, CHARLES F.** (A'36), Transmitter Engineer, KTUL, Tulsa, Okla. For mail: 3103 E. Admiral Pl., Tulsa, Okla.
- SHEFFER, OLAN N.** (A'25), Equipment Attendant, American Telephone and Telegraph Company, 27 Jackson St., Batavia, N.Y. For mail: Stafford, N.Y.
- SHEPFIELD, ALFRED G.** (A'36), Transmitter Operator, CKY, Manitoba Telephone System, Winnipeg, Manit., Canada. For mail: 135 Sunnyside Blvd., Woodhaven Pk., Winnipeg, Manit., Canada.
- SHEIHA, AHMED M.** (A'36), Assistant Engineer, Egyptian State Telegraphs and Telephones, Attarine, Alexandria, Egypt. For mail: 4 Magawry St., Ras-El-Tin, Alexandria, Egypt.
- SHELBY, ROBERT E.** (A'29-M'36), Television Supervisor, National Broadcasting Company, Inc., 30 Rockefeller Plaza, New York, N.Y. For mail: 431 Claremont Ave., Teaneck, N.J.
- SHEN, SHU Z.** (A'29), Radio Engineer, Ministry of Communications, Nanking, China. For mail: 598 Burkill Rd., Shanghai, China.
- SHEPARD, WAYNE D.** (A'31), Engineer, R. A. Gardner Company, 6401 Carleton St., Seattle, Wash. For mail: 1524-37th Ave., N., Seattle, Wash.
- SHEPHERD, JAMES E.** (A'36), Instructor in Physics and Communication Engineering, Harvard Graduate School of Engineering, Cambridge, Mass. For mail: 9 Ellery St., Cambridge, Mass.
- SHEPLEY, LEONARD** (A'36), Proprietor, The Triangle Radio Service, Detroit, Mich. For mail: 16228 Turner, Detroit, Mich.
- SHEPPARD, JOHN A.** (A'35), Assistant Engineer, General Post Office, 33, Whiteladies Rd., Bristol, England. For mail: 12, Redland Green Rd., Redland, Bristol 6, England.
- SHERMAN, JESSE B.** (F'28-A'32), Electrical Engineer, Research and Development Laboratory, RCA Manufacturing Company, Inc., Harrison, N.J. For mail: 43 W. 93rd St., New York, N.Y.
- SHERMAN, WARREN K.** (A'28), Lieutenant, U. S. Navy, Radio Section, Bureau of Engineering, Navy Department, Washington, D.C.
- SHERMUND, RALPH C.** (A'29-M'31), Engineer-in-Charge, Metal Tubes, Raytheon Manufacturing Company, 55 Chapel St., Newton, Mass. For mail: 44 Marion St., Brookline, Mass.
- SHIH, TSONGE** (A'35), Technische Hochschule, Dresden, Germany. For mail: Dresden A-24, Bayreutherstr., 42, Germany.
- SHIMA, RINDGE** (S'35), Student, University of California, Berkeley, Calif. For mail: 2601 College Ave., Berkeley, Calif.
- SHIMA, SHIGEO** (A'30), Engineer In Charge, Design and Engineering Division, Headquarters Office, Broadcasting Corporation of Japan, Hibiya Park, Tokyo, Japan. For mail: 496 Koyamacho, Ebaraku, Tokyo, Japan.
- SHIMAYAMA, TURUO** (A'28), Kokura Hōsōkyoku, Kokurashi, Japan.
- SHIMKUS, ANTHONY T.** (S'36), Student, Lawrence Institute of Technology, Highland Park, Mich. For mail: 9418 Manor Ave., Detroit, Mich.
- SHIPMAN, CHARLES H.** (A'36), Purchasing and Sales, The Dodd Company, 1025 Huron Rd., Cleveland, Ohio. For mail: 14805 Ardenall Ave., East Cleveland, Ohio.
- SHIRE, LEE E.** (A'27), Superintendent, Electrical Department, Andian National Corporation, Ltd., Apartado 130, Cartagena, Colombia.
- SHIRK, KENNETH C.** (J'26-A'28), Chief Engineer, WIND, Johnson-Kennedy Radio Corporation, 504 Broadway, Gary, Ind.
- SHOFSTALL, NORTON F.** (A'36), Radio Engineer, General Electric Company, Bridgeport, Conn. For mail: 426 Woodstock Ave., Stratford, Conn.
- SHORE, ANAK** (A'19), Engineer, Marconi's Wireless Telegraph Company, Ltd., Marconi House, Strand, London W.C. 2., England. For mail: Edeyrd, Longstombs Ave., Chelmsford, Essex, England.
- SHORE, HENRY** (A'27-M'30), Engineer, Radio Corporation of America, Rm. 5234, 30 Rockefeller Plaza, New York, N.Y.
- SHORT, DONALD W.** (A'29), Engineer, Transmitter Department, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 16 E. Oakland Ave., Oaklyn, N.J.
- SHORT, HERBERT M.** (A'14-M'16), Managing Director, Canadian Marconi Company, 211 St. Sacrament St., Montreal, Que., Canada.
- SHORT, HYBART E.** (A'35), Radio and Electrical Engineer, Partner, Short and Thorn, la Albion St., Exmouth, Devon., England. For mail: 23 Rosebery Rd., Exmouth, Devon., England.
- SHORTER, DONOVAN E. L.** (A'31), Engineer, Research Department, British Broadcasting Corporation, Broadcasting House, Nightingale Sq., London, S.W. 12, England.
- SHOYAMA, MITSUO** (A'36), Tokyo University of Engineering, Ookayama, Meguro-Ku, Tokyo, Japan. For mail: No. 109, Nakane-gishi-Machi, Shitaya, Tokyo, Japan.
- SHRADER, TERRY M.** (M'30), Radio Tube Development, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- SHREVE, A. FRENCH** (A'29), Radio Serviceman, Equitable Sales Company, 620 Braddock Ave., Braddock, Pa. For mail: R.D. 9, Box 95, P.O. 16, Pittsburgh, Pa.
- SHROFF, TEHEMURASP R.** (A'31), Assistant Testing Engineer, Tata Hydro-Electric Power Supply Company, Ltd., Rectifier Station, Lal Bag Parel, Bombay, India. For mail: Ahmedabad Advance Mills, Ltd., Box 18, Ahmedabad, India.
- SHULTISE, QUIDO M.** (A'29), 368 S. Catalina Ave., Pasadena, Calif.
- SHUSTER, EDMUND F.** (J'26-A'30), Service Manager, Radio Service Company, 50 Hazle St., Wilkes-Barre, Pa.
- SHUTE, EMMETT R.** (M'25), General Superintendent of Traffic, Western Union Tele-

- graph Company, 60 Hudson St., New York, N.Y.
- SIBILA, KENNETH F. (S'36), Graduate Assistant, Mechanics Department, Case School of Applied Science, Cleveland, Ohio. For mail: 1470 Wyandotte Ave., Lakewood, Ohio.
- SIEBERT, GEORGE W., JR. (A'30), Manager, Manor Radio Laboratory, 900 Pelhamdale Ave., Pelham Manor, N.Y. For mail: 88 Fourth St., North Pelham, N.Y.
- SIEGEL, ERNST (M'31), Professor of Electrical Engineering, German Technical University, 5 Husova, Prague I, Czechoslovakia.
- SIEGELIN, CLIFTON O. (A'36), Engineer, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y. For mail: 1406 W. Fourth St., Plainfield, N.J.
- SIEVERS, EDWARD S. (A'36), Sales Engineer, Weston Electrical Instrument Corporation, 50 Church St., New York, N.Y.
- SIGFORD, JOHN V. (S'36), Experimental Engineer, General Controls Company, 5 W. Lake St., Minneapolis, Minn. For mail: 2848 44th Ave., S., Minneapolis, Minn.
- SIGMON, LOYD C. (A'29), Chief Engineer, KCMO Broadcasting Company, Commerce Trust Bldg., Kansas City, Mo.
- SILBERSTEIN, RICHARD (A'30), President, Precision Inductance Corporation, 77 Chambers St., New York, N.Y. For mail: 15 W. 81st St., New York, N.Y.
- SILENT, HAROLD C. (A'19), Engineer, Electrical Research Products, Inc., 7046 Hollywood Blvd., Los Angeles, Calif.
- SILLIMAN, ROBERT M. (S'36), Student, University of Minnesota, Minneapolis, Minn. For mail: 1012 Essex St., S.E., Minneapolis, Minn.
- SILLITOE, SYDNEY (A'35), Radio Engineer, Northern Electric Company, Ltd., Department 976, 1261 Shearer St., Montreal, Que., Canada.
- SILVA, WILL (A'35), Geophysical Division, The Texas Company, 929 S. Broadway, Los Angeles, Calif.
- SILVER, BENJAMIN L. (A'20), Radio Engineer, 719 Eighth Ave., Brooklyn, N.Y.
- SILVER, JOHN F. (A'36), Radio Engineer, Crosley Radio Corporation, Atlington and Colerain Sts., Cincinnati, Ohio. For mail: Apt. 1, 4200 Plainville Pike, Madison Pl., Cincinnati, Ohio.
- SILVER, McMURDO (A'24), President and Chief Engineer, McMurdo Silver Corporation, 2900 S. Michigan Ave., Chicago, Ill., and Managing Director, Glen's Patents and Holdings, Inc., 30 Rockefeller Plaza, New York, N.Y.
- SIMMONDS, ERNEST J. (M'25), Barclays Bank, Ltd., Old Bank, Ascot, Berks., England.
- SIMMONS, EDWARD E., JR. (S'33-A'36), Graduate Student, California Institute of Technology, Pasadena, Calif. For mail: 211 N. Dillon St., Los Angeles, Calif.
- SIMMONS, ROBERT A. (A'36), Chief Engineer, Simons Radio Company, 521 Lexington Ave., New York, N.Y. For mail: 25-74 33rd St., Astoria, L.I., N.Y.
- SIMON, EMIL J. (M'12-F'15), President, Radio Navigational Instrument Corporation, 500 Fifth Ave., New York, N.Y.
- SIMON, WILLIAM C. (M'32), Radio Inspector-in-Charge, Tropical Radio Telegraph Company, Pier 7, North River, New York, N.Y.
- SIMONS, FINLAY W. (S'33-A'35), Radio Engineer, Northern Electric Company, Ltd., Department 976, 1261 Shearer St., Montreal, Que., Canada.
- SIMPSON, ALEXANDER V. (A'23-M'26), Radio House, 27, Milnrow Rd., Rochdale, Lancs., England.
- SIMPSON, HORACE J. (A'35), Radio Service Engineer, Gearhart Radio Corporation, 1913 Fresno St., Fresno, Calif. For mail: 524 Peralto Way, Fresno, Calif.
- SIMPSON, LEROY C. (J'28-A'30), Manager, Engineering Products Division, RCA Victor, Argentina, Bartolome Mitre 1976, Buenos Aires, Argentina.
- SIMS, WILLIAM H., JR. (A'36), Junior Engineer, Transmitter Division, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 4779 West End Ave., Merchantville, N.J.
- SIMSON, A. GAEL (A'33), Chief Radio Engineer, U. S. Forest Service, Box 4137, Portland, Ore.
- SINCLAIR, DONALD B. (J'30-A'33), Research Associate, Electrical Engineering Department, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 41 Harding Rd., Lexington, Mass.
- SINGH, HARBAK (A'36), Technical Assistant, Wireless Station, Kuala Lumpur, F.M.S.
- SINGH, W. KARTAR (A'36), Chief Engineer, Beethoven Radio, Ltd., Chase Rd. North Acton, London, England. For mail: 14 Kingsmead Dr., Northolt, Middx., England.
- SINGLETON, HAROLD C. (A'25), Chief Engineer, KGW-KEX, Oregonian Publishing Company, 615 S.W. Alder St., Portland, Ore. For mail: 2005 N.E. 28th Ave., Portland, Ore.
- SIX, WILLIAM E. (A'35), Installation and Test, W. P. Hilliard Company, 2106 Calumet Ave., Chicago, Ill.
- SKIFTER, HECTOR R. (A'31-M'36), Consulting Radio Engineer, Technical Supervisor, National Battery Broadcasting Company, St. Paul Hotel, St. Paul, Minn.
- SKINKER, MURRAY F. (A'29), Assistant Director of Research, Brooklyn Edison Company, 55 Johnson St., Brooklyn, N.Y.
- SKINNER, CLIFTON R. (A'29), Owner, C. R. Skinner Manufacturing Company, 290 Turk St., San Francisco, Calif.
- SKINNER, CULVER F. (A'36), Technical Staff, Hallcrafters, Inc., 2611 Indiana Ave., Chicago, Ill. For mail: 3757 Lowell Ave., Chicago, Ill.
- SKIRROW, JOHN F. (M'27), Consulting Engineer, Postal Telegraph Cable Company, 67 Broad St., New York, N.Y. For mail: Box 711, Manasquan, N.J.
- SKLAR, H. LEE (A'36), Technical Director, Construction Francaises Leland, 314 Rue de Nanterre, Colombes, Seine, France.
- SKOV, JENS I. (A'20), Service Engineer, Mackay Radio and Telegraph Company, 311 N. Avalon Blvd., Wilmington, Calif. For mail: 607 W. L St., Wilmington, Calif.
- SLADE, BENJAMIN (A'31), Member of Technical Staff, Bell Telephone Laboratories, Inc., Rm. J-52, 463 West St., New York, N.Y.
- SLADE, CHARLES W. (A'36), Radio Engineer, Slade's Radio, Lang St., Croydon, N.S.W., Australia. For mail: Rockleigh, Lang St., Croydon, N.S.W., Australia.
- SLATER, F. ROBERT (A'26), Shift Engineer, RCA Communications, Inc., Bolinas, Calif.
- SLATER, FRED L. (A'36), Engineer in Charge of Research, Slater Radio Laboratory, 2478 Elm Pl., Bronx, N.Y.
- SLATER, I. M. (A'36), Sales Engineer, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 6433 E. Shelley Ave., Indianapolis, Ind.
- SLAVICK, HENRY W. (A'28), General Manager, WMC-WNBR-W4XCA, Memphis Commercial Appeal, Inc., Hotel Gayoso, Memphis, Tenn.
- SLAVIN, SAMUEL (A'29), Radio Engineer, RCA Communications, Inc., Kahuku, Oahu, T.H. For mail: Box 103, Kahuku, Oahu, T.H.
- SLAYBAUGH, CLIFFORD W. (S'35), Electrical Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- SLEE, JOHN A. (F'29), Assistant General Manager, Marconi International Marine Communications Company, Marconi House,

SLE-SMI

- Strand, London, England. For mail: 92A Holland Rd., London, W. 14, England.
- SLEEPER, GEORGE E., JR.** (A'36), Engineer, Farnsworth Television, Inc., 127 E. Mermaid La., Philadelphia, Pa.
- SLEZKINSKY, GREGORY N.** (A'35), Engineer, Western Electric Company, 100 Central Ave., Kearny, N.J. For mail: R.F.D. 1, Box 319, Bound Brook, N.J.
- SLOAN, FRANCIS V.** (A'25-M'28), Inspector, Federal Communications Commission, 328 Customhouse, San Francisco, Calif.
- SLOW, ERNEST C.** (A'35), Assistant III, Radio Department, National Physical Laboratory, Radio Research Station, Slough, Bucks., England. For mail: Riddings, Windsor Rd., Datchet, Nr. Slough, Bucks., England.
- SLUGODZKI, LUDWIG K.** (A'35), Engineer, W. P. Hilliard Company, Radio Transmission Equipment, 2106 Calumet Ave., Chicago, Ill. For mail: 2904 N. Washtenaw Ave., Chicago, Ill.
- SLYFIELD, CHARLES O.** (A'31), In Charge of Sound Department, Walt Disney Productions, Ltd., 2719 Hyperion Ave., Los Angeles, Calif. For mail: 3216 W. 78th Pl., Los Angeles, Calif.
- SMACK, JOHN C.** (A'30), Assistant Manager, Industrial Division, The S. S. White Dental Manufacturing Company, 10 E. 40th St., New York, N.Y.
- SMALTS, FRANKLIN W.** (A'35), Junior Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 225 S. Lecato Ave., Audubon, N.J.
- SMEBY, LYNNE C.** (A'27), Technical Supervisor, WXYZ, King-Trendle Broadcasting Corporation, Madison Theatre Bldg., Detroit, Mich.
- SMILEY, WILLIAM A.** (A'31), Consulting Radio Engineer, 440 Market St., Lemoine, Pa.
- SMITH, ARTHUR B.** (M'34), Chief Research Engineer, Associated Electric Laboratories, Inc., 1033 W. Van Buren St., Chicago, Ill.
- SMITH, ARTHUR C.** (A'30), Chief Recording Engineer, Cinesound Products, Ltd., 65 Ebley St., Waverley, N.S.W., Australia.
- SMITH, ARTHUR E.** (A'15), Supervisor, Electrical Test and Inspection, Tube Shop, Western Electric Company, 395 Hudson St., New York, N.Y. For mail: 44 Arthur St., Ridgefield Park, N.J.
- SMITH, ARTHUR H. R.** (A'23), Consultant, 323 E. Lancaster Ave., Wayne, Pa.
- SMITH, ARTHUR Z.** (A'29), Laboratory Technician, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- SMITH, BENJAMIN F.** (A'31), Switchboard Engineer, Algoma Steel Corporation, Sault Ste. Marie, Ont., Canada. For mail: 180 Biggins Ave., Sault Ste. Marie, Ont., Canada.
- SMITH, BYROM J.** (A'36), Mechanical Engineer, Radio Division, Fairbanks, Morse and Company, 21 and Northwestern Sts., Indianapolis, Ind. For mail: 4802 Carroll Ave., Indianapolis, Ind.
- SMITH, C. McRAE, JR.** (J'32-A'35), Assistant Radio Engineer, North Carolina State Highway Patrol, Raleigh, N.C. For mail: 128 N. Blount St., Raleigh, N.C.
- SMITH, C. ROSS** (A'36), Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 324 W. Fourth St., Emporium, Pa.
- SMITH, CARL E.** (A'30), Assistant Radio Engineer, Radio Air Service Corporation, 1311 Terminal Tower, Cleveland, Ohio. For mail: 7502 Renwood Dr., Parma, Ohio.
- SMITH, DAVID B.** (A'35), Engineer, Philadelphia Storage Battery Company, Ontario and C Sts., Philadelphia, Pa.
- SMITH, DELMAR E.** (A'30), 304 Pine St., Anaconda, Mont.
- SMITH, ELMER L.** (A'35), In Charge Radio Operations, Gough Bros., Box 44, Belize, British Honduras. For mail: Box 215, Belize, British Honduras.
- SMITH, ERNEST F.** (M'24), Superintendent of Substations, Commonwealth Edison Company, 506 Edison Bldg., 72 W. Adams St., Chicago, Ill.
- SMITH, F. LANGFORD** (M'36), Development Engineer, Amalgamated Wireless Valve Company, Ltd., 47 York St., Sydney, N.S.W., Australia.
- SMITH, FRANK J.** (A'28), Inspector, Federal Communications Commission, 514 Federal Bldg., Buffalo, N.Y.
- SMITH, FRANKLIN S.** (A'25), Engineer, Products Protection Corporation, Box 904, New Haven, Conn.
- SMITH, FREDERICK A.** (J'16-A'19), Engineer, Canadian Marconi Company, Ltd., 211 St. Sacrament St., Montreal, Que., Canada.
- SMITH, G. GOULD** (S'35), Student, Georgia School of Technology, Cloudman Hall, Atlanta, Ga. For mail: Tarver Ave., Lebanon, Tenn.
- SMITH, GALE M.** (S'35-A'36), Radio Engineer, Miami Broadcasting Company, Postal Bldg., Miami, Fla. For mail: 4170 Coconut Grove Rd., Coconut Grove Station, Miami, Fla.
- SMITH, GERALD G.** (A'36), Engineer, Rudolph Wurplitz Company, Niagara Falls Blvd., North Tonawanda, N.Y. For mail: 297 W. Girard Blvd., Kenmore, N.Y.
- SMITH, GEORGE L.** (A'35), 172 Thompson St., New York, N.Y.
- SMITH, HANEY M.** (A'31), Field Engineer, Canadian Radio Broadcasting Commission, Ottawa, Ont., Canada.
- SMITH, HAROLD A.** (A'31), 1405 Grand Blvd., Schenectady, N.Y.
- SMITH, HAROLD E.** (A'28), Engineer, Station WOKO, 800 South St., Peekskill, N.Y. For mail: Hotel Ten Eyck, Albany, N.Y.
- SMITH, HARVEY J.** (A'34), Vacuum Tube Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 666 Ridge St., Newark, N.J.
- SMITH, HOWARD G.** (A'34), Instructor, Cornell University, Ithaca, N.Y. For mail: 705 E. Seneca St., Ithaca, N.Y.
- SMITH, HOWARD L.** (A'31), Radioman, First Class, U. S. Navy, Radio Material School, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- SMITH, JAMES E.** (A'20-M'26), President, National Radio Institute, 1536 You St., N.W., Washington, D.C. For mail: Box 3046, Washington, D.C.
- SMITH, JEROME C.** (A'31), Development Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 411 Ninth Ave., Haddon Heights, N.J.
- SMITH, JOHN P.** (A'29), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 39 Harrison Ave., Erlton, N.J.
- SMITH, JOHN R.** (A'33), Chief Engineer, National Broadcasting Service, Private Bag, Wellington, Cl., New Zealand.
- SMITH, JOHN W.** (A'27), Radio Engineer, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- SMITH, KENNETH B.** (S'33-A'35), Electrical Engineering Designer, Box 171, Syracuse, N.Y.
- SMITH, KENNETH D.** (A'31), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- SMITH, LESTER C.** (A'36), Factory Laboratory, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 105 Warick Rd., Haddonfield, N.J.
- SMITH, MARK H.** (S'36), Field Employee, Humble Oil and Refining Company, Monroe City, Tex.
- SMITH, MAURICE C.** (A'36), Radio Engi-

- neer, H. Wise, 110 Woodcote Rd., Wallington, Surrey, England. For mail: 52 Cowper Gardens, Wallington, Surrey, England.
- SMITH, MERRILL S. (A'36), Engineer, Collins Radio Company, Cedar Rapids, Iowa. For mail: 439-36th St., N.E., Cedar Rapids, Iowa.
- SMITH, MYRON T. (M'35), General Radio Company, Rm. 1504, 90 West St., New York, N.Y.
- SMITH, NEWLAND F., JR. (A'35), Research Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 236 W. Walnut La., Philadelphia, Pa.
- SMITH, OSWALD (A'36), Technician, Manitoba Telephone System, Winnipeg, Manit., Canada. For mail: 112 Lipton St., Winnipeg, Manit., Canada.
- SMITH, PAUL C. (A'29), Assistant Professor of Electrical Engineering, University of Akron, Akron, Ohio. For mail: 179 Ido Ave., Akron, Ohio.
- SMITH, PAUL S. (A'36), Service Manager, Stewart-Warner Distributing Company, 2545 S. Michigan Ave., Chicago, Ill. For mail: 5252 Grace St., Chicago, Ill.
- SMITH, PHILLIP H. (A'34), Bell Telephone Laboratories, Inc., Whippany, N.J.
- SMITH, RICHARD L. (A'30), Radio Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 1067 Willett St., Schenectady, N.Y.
- SMITH, SAMUEL B. (A'27-M'35), Division Patent Attorney, Radio Corporation of America, 30 Rockefeller Plaza, New York, N.Y. For mail: Hartsdale Towers, Hartsdale, N.Y.
- SMITH, SERENO E. (A'36), Engineer, WGAR Broadcasting Company, Hotel Statler, Cleveland, Ohio. For mail: 4218 Valley Rd., Cleveland, Ohio.
- SMITH, SIDNEY B. (A'14-M'18), Radio Research Engineer, Marconi Wireless Telegraph Company, Ltd., Electra House, Victoria Embankment, London, W.C. 2, England. For mail: Research Laboratory, Marconi Works, New St., Chelmsford, England.
- SMITH, SYDNEY J. (A'35), Maintenance Engineer, Western Electric Company, Ltd., Bush House, Aldwych, London, W.C. 1, England. For mail: c/o Western Electric Company, Ltd., 22A W. Nile St., Glasgow, Scotland.
- SMITH, THEODORE A. (J'25-A'26), District Sales Manager, RCA Manufacturing Company, Inc., 1270 Sixth Ave., New York, N.Y. For mail: 30 Heights Rd., Ridgewood, N.J.
- SMITH, WILLIAM A. (A'35), Proprietor, William A. Smith and Company, Electrical and Radio Services, 489 Blackburn Rd., Bolton, Lancs., England. For mail: "Fonwen," Delph Ave., Egerton, Bolton, Lancs., England.
- SMITHGALL, HARRY E., JR. (A'36), Student Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 505 Broad St., Emporium, Pa.
- SMYTH, C. NORMAN (A'35), Chief Research Engineer, Kolster Brandes, Ltd., Sidcup, Kent, England. For mail: 50 Domico Dr., New Eltham, London, S.E. 9, England.
- SMYTHE, EDWIN H. (A'15-M'26), 1162 Monadnock Bldg., Chicago, Ill.
- SNELGAR, IVAN J. H. (A'34), North Auckland Representative, Radio Department, Farmers Trading Company, Ltd., Hobson St., Auckland, New Zealand. For mail: Kaitiata, New Zealand.
- SNOW, HAROLD A. (A'24), Vice President, Boonton Radio Corporation, Boonton, N.J.
- SNOW, WILLIAM B. (A'26), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- SNYDER, EDWARD B. (M'30), Assistant Branch Manager, First Central Trust Com-
- pany, Third and Tuscarawas Aves., Barberton, Ohio.
- SNYDER, GRAVES H. (S'33-A'36), Pilot, Flying Cadet, U. S. Army Air Corps, Brooks Field, San Antonio, Tex.
- SNYDER, JOHN G. (S'35-A'36), Assistant Utility Engineer, E. I. du Pont de Nemours and Company, Inc., Deepwater, N.J. For mail: 116 W. 19th St., Wilmington, Del.
- SNYDER, NORMAN (A'26-M'30), Development Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 357 Morris St., Albany, N.Y.
- SNYDER, RICHARD L. (A'26), Consulting Engineer, 103 Franklin Rd., Glassboro, N.J.
- SNYDER, ROBERT E. (A'27), Salesman, United Screw and Bolt Corporation, W. 58th and Denison Ave., Cleveland, Ohio. For mail: 1690 Glemont Rd., Cleveland Heights, Ohio.
- SNYDER, W. GILMAN, JR. (A'29), Plant Department, Pacific Telephone and Telegraph Company, Sacramento, Calif. For mail: Sutter Creek, Calif.
- SO, M. (M'30), Research Laboratory, Tokyo Electric Company, Kawasaki, Kanagawa-ken, Japan. For mail: 4-1148, Omori-Araishiku, Tokyo, Japan.
- SODERQUIST, CLEMENT J. (A'30), 39 Brunswick St., San Francisco, Calif.
- SOHON, HARRY (A'28), Instructor, Electrical Engineering School, Cornell University, Ithaca, N.Y.
- SOHOR, PAUL H. (M'36), Owner, Paul H. Sohor Company, 133 Meadow St., New Haven, Conn.
- SOI, BRIJ N. (A'35), 22, Darya Ganj, Delhi, India.
- SOKOLCOW, DMITRIJ M. (M'29), Professor, Engineer, Vice Director, Warszawa, Ratuszowa, 11, Instytut Radiotechniczny, Warsaw, Poland. For mail: Cegtowska, 28, Warszawa-Bielany, Poland.
- SOLER, JOSE (A'35), Radio Serviceman, Soler Radio Laboratory, Box 52, Quebradillas, P.R.
- SOMERS, BROCK A. (A'29), Radio Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 94 Berkeley Ave., Bloomfield, N.J.
- SOMERS, FRANK J. (A'34), Research Engineer, Farnsworth Television, Inc., 127 E. Mermaid La., Philadelphia, Pa.
- SOMERS, OPAL M. (J'36), Experimental Moulder, Hygrade Sylvania Corporation, Emporium, Pa. For mail: c/o C. A. Gasperon, 5 E. Fourth St., Emporium, Pa.
- SONKIN, DAVID (J'18-A'18-M'23), Sales Engineer, 220 E. 23rd St., New York, N.Y. For mail: 506 Ft. Washington Ave., New York, N.Y.
- SOSNOSKI, WALTER J. (A'36), Assistant Station Manager, American Airlines Intermediate Airport, Horseheads, N.Y. For mail: 222 Broad St., Waverly, N.Y.
- SOUCY, CHESTER I. (A'26), Northern Electric Company, Ltd., 1261 Shearer St., Montreal, Que., Canada.
- SOUKARAS, KOMNENUS M. (A'36), Assistant Radio Engineer, Naval Research Laboratory, Washington, D.C. For mail: 9 Ninth St., N.E., Washington, D.C.
- SOUKOP, J. EDWARD (A'32), 2340-29th St., Astoria, L.L., N.Y.
- SOUTHERN, BASIL E. (A'35), Radio Engineer, South African Broadcasting Corporation, Broadcasting House, 120 Aliwal St., Durban, Natal, South Africa.
- SOUTHWORTH, GEORGE C. (M'26), Bell Telephone Laboratories, Inc., Box 107, Red Bank, N.J.
- SOWERS, NELSON E. (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Bell Telephone Laboratories, Inc., Deal, N.J.
- SPAGNOLETTI, PHILIP H. (A'34), Manager, Radio Department, China Electric

SPA-STA

- Company, Ltd., 269 Lay Rd., Shanghai, China.
- SPANGENBERG, KARL** (A'34), Assistant, Department of Engineering Mathematics, Ohio State University, Columbus, Ohio. For mail: Electrical Engineering Department, Ohio State University, Columbus, Ohio.
- SPARHAWK, GEORGE H.** (A'33), Captain, Maxwell Field, Montgomery, Ala.
- SPAULDING, FRANK E., JR.** (A'35), Radio Inspector, General Electric Company, Bridgeport, Conn. For mail: 2 Edgewood Ave., Milford, Conn.
- SPEED, RUSSELL B.** (A'30), 2486 Tiebout Ave., New York, N.Y.
- SPEICHER, JOHN D.** (A'36), Telephone Electrician, Western Electric Company, Inc., 395 Hudson St., New York, N.Y. For mail: 9303-244th St., Bellrose, L.I., N.Y.
- SPENCE, PAYTON W.** (A'22), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- SPENCER, LEONARD** (A'22-M'27), Chief Engineer, Station CKAC, La Presse, 980 St. Catherine St., Montreal, Que., Canada.
- SPENCER, MILLARD C.** (A'16), Electrical Engineer, Crocker-Wheeler Electrical Manufacturing Company, Ampere, N.J. For mail: 105 Park Ave., East Orange, N.J.
- SPENCER, SIDNEY W.** (S'32-A'35), Announcer-Engineer, Dothan Broadcasting Company, Box 25, Dothan, Ala.
- SPHAR, CLARK H.** (J'27-A'29), Engineer, Vacuum Tube Department, Heintz and Kaufman, Ltd., South San Francisco, Calif. For mail: 790 Oak St., San Francisco, Calif.
- SPICER, FRANK D.** (S'36), 635 S. Kenilworth Ave., Oak Park, Ill.
- SPIEGEL, LOUIS** (A'34), Radiomarine Corporation of America, Marshall, Calif. For mail: Box 114, Inverness, Calif.
- SPIELMAN, STERLING C.** (S'33-A'35), Radio Engineer, Production Development Laboratory, Philco Radio and Television Company, Ontario and C Sts., Philadelphia, Pa. For mail: 3228 Chestnut St., Philadelphia, Pa.
- SPIES, MARK C.** (A'27), Chief Engineer, WZD Broadcasting Company, Inc., Tuscola, Ill. For mail: Box 104, Tuscola, Ill.
- SPITTLE, SAMUEL E.** (A'30), Junior Radio Engineer, Signal Corps, U. S. Army, Office of Chief Signal Officer, Munitions Bldg., Washington, D.C.
- SPITZER, EDWIN E.** (A'28), Engineer, Research and Development Laboratory, RCA Manufacturing Company, Inc., RCA Radio-tion Division, 415 S. Fifth St., Harrison, N.J. For mail: 18 Winding Way, Verona, N.J.
- SPONEYBARGER, JOHN O.** (A'36), Assistant Airways Keeper, U. S. Department of Commerce, U. S. Airways Station, R.F.D. 1, Central City, Pa.
- SPORNA, JOHN** (A'36), Radio Engineer, Sporna Radio Service, Escatawpa, Ala.
- SPRAGUE, BARBARA R.** (J'30-A'34), Radio Operator, KGIR, Butte, Mont.
- SPRAGUE, CLARENCE A.** (A'14-M'16), Patent Attorney, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- SPRAGUE, GEORGE M.** (A'30), Sound Engineer, Metro-Goldwyn-Mayer Corporation, Culver City, Calif. For mail: 2227 W. Merton Ave., Eagle Rock, Calif.
- SPRAGUE, ROBERT M.** (A'32), Mackay Radio and Telegraph Company, Inc., Sayville, L.I., N.Y.
- SPRAGUE, V. GILBERT** (A'32), Member of Technical Staff, Bell Telephone Laboratories, Inc., Rm. 658, 463 West St., New York, N.Y. For mail: Apt. 6-N, 75 Grove St., Montclair, N.J.
- SPRAYBERRY, FRANK L.** (A'28), President, Sprayberry Academy of Radio, 2548 University Pl., N.W., Washington, D.C.
- SQUIRES, EMERSON G.** (A'35), Radio En-
- gineer, Jenkins and Adair, Inc., 3333 Belmont Ave., Chicago, Ill. For mail: 204 E. Crescent Ave., Elmhurst, Ill.
- SQUIRES, MONTY** (A'36), Radio Research and Development, Bawdsey Research Station, Bawdsey, Suffolk, England. For mail: Bawdsey Manor, Suffolk, England.
- SREBROFF, CHARLES M.** (A'24-M'28), President, Radio Engineering Laboratories, Inc., 100 Wilbur Ave., Long Island City, L.I., N.Y. For mail: 186-24 Jordan Ave., Hollis, L.I., N.Y.
- SREENIVASAN, KASI** (M'34), Assistant Professor, Electrical Communication Engineering, Indian Institute of Science, Bangalore, India.
- STAEGE, STEPHEN A.** (A'36), Consulting Engineer, Black Clawson Company, Hamilton, Ohio. For mail: 702 Main St., Hamilton, Ohio.
- STAGNARO, JOHN A.** (A'27), Radio Engineer, Columbus Electric Company, 2121 Chestnut St., San Francisco, Calif. For mail: 3121 Steiner St., San Francisco, Calif.
- STAHL, BARTON E.** (A'36), Station Engineer, WRC, National Broadcasting Company, Inc., 3308-14th St., N.W., Washington, D.C., For mail: 3320-19th St., N.W., Washington, D.C.
- STAHL, THEODORE H., SR.** (A'36), King-Trendle Broadcasting Corporation, 300 Madison Theatre Bldg., Detroit, Mich. For mail: Box 34, Birmingham, Mich.
- STAIR, DANIEL N.** (A'25), Station Engineer, National Broadcasting Company, Bound Brook, N.J.
- STAMFORD, NORMAN C.** (A'30-M'34), Assistant Lecturer in Electrical Engineering, Victoria University of Manchester, College of Technology, Manchester 1, England. For mail: 44 Spath La., Cheadle Hulme, Cheshire, England.
- STANESBY, HAROLD** (A'28), Assistant Engineer, Radio Branch, Engineering Department, Post Office Radio Research Station, Dollis Hill, London, N.W. 2, England. For mail: "Wynstone" Coldharbour La., Bushey, Herts., England.
- STANKO, EDWARD** (A'24), Engineer, Buffalo Broadcasting Corporation, WGR-WKBW, Rand Bldg., Buffalo, N.Y. For mail: Marshall Rd., Medina, N.Y.
- STANNOW, JORGEN C.** (A'35), Engineer, Aga-Baltic Radio A/B, Stockholm-Lidingo, Sweden. For mail: Blocket, Lidingo 3, Sweden.
- STANSEL, FRANK R.** (A'26-M'33), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- STANSFIELD, JOSEPH Q.** (A'34), Patent Attorney, 501 McLachlan Bldg., Washington, D.C.
- STANTON, HENRY E.** (A'36), Scientific Observer, Department of Terrestrial Magnetism, 5241 Broad Branch Rd., Washington, D.C. For mail: 4815 Battery La., Bethesda, Md.
- STANTON, RUSSELL S.** (A'35), Operator, Station KMTR, 1028 Cajunga Ave., Hollywood, Calif. For mail: 149 N. Arnaz Dr., Beverly Hills, Calif.
- STANTON, SAMUEL W.** (A'34), Engineer, Western Electric Company, Kearny, N.J. For mail: 23 Hamilton Rd., Glen Ridge, N.J.
- STANWICK, CHARLES A.** (A'15), 131 Ryn-da Rd., S. Orange, N.J.
- STAPLES, EDWIN S.** (A'34), Electronic Engineer, Tennessee Electric Power Company, Rm. 726, Power Bldg., Chattanooga, Tenn. For mail: 107 N. Moore Rd., Chattanooga, Tenn.
- STARK, RAWSON E.** (A'35), Research and Development Engineering, Federated Metals Corporation, Carnegie, Pa. For mail: 90 Pilgrim Rd., Rosslyn Farms, Carnegie, Pa.
- STARK, ROBERT J.** (A'36), Chief Engineer, WMBH, Joplin, Mo. For mail: 1334 Roosevelt Ave., Joplin, Mo.

- STARR, C. HARRY (A'26), Engineering Department, Electric and Musical Industries, Ltd., Hayes, Middx., England.
- STARRETT, JOHN S. (A'36), Sales Engineer, RCA Manufacturing Company, 589 E. Illinois St., Chicago, Ill.
- STASZ, CLARENCE E. (A'36), Student, Ohio State University, Columbus, Ohio. For mail: 241 W. Lane Ave., Columbus, Ohio.
- STAUBITZ, EDWARD J. (A'35), Engineer, Radio Tower Division, Blaw-Knox Company, Pittsburgh, Pa. For mail: 1201 Shady Ave., E. Liberty, Pittsburgh, Pa.
- STAUFFER, J. LUKE (A'36), Radio Investigator, Pennsylvania Power and Light Company, Griest Bldg., Lancaster, Pa.
- STAUFFER, RAY E. (J'29-A'30), Engineer, Stations WOC and WHO, 914 Walnut St., Des Moines, Iowa.
- STAUFFER, ROBERT W. (A'36), Chief Radio Officer, S.S. *Platano*, United Fruit Company, Pier 9, North River, New York, N.Y. For mail: 310 Amherst St., Manchester, N.H.
- STEAD, CLIFFORD (A'31), Maintenance Engineer, British Broadcasting Corporation, Broadcasting House, London, W. 1, England. For mail: "Rainsford," Tagwell La., Droitwich, Worcs., England.
- STEATES, E. FRANCIS (A'30), Industrial Service Engineer, Delta Motor Service, 204 E. Willow St., Syracuse, N.Y.
- STEC, CHARLES L. (A'35), Research Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 6701 Large St., Philadelphia Pa.
- STEELE, WILLIAM A. (M'19), Commissioner, Canadian Radio Broadcasting Commission, Sussex St., Ottawa, Ont., Canada. For mail: 10 Monkland Ave., Ottawa, Ont., Canada.
- STEELEY, JOHN D. (A'35), Field Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 749 Third St., Huntington, W.Va.
- STEEN, JEROME R. (A'36-M'36), Tube Quality Engineer, Hygrade Sylvania Corporation, Emporium, Pa.
- STEFFENSEN, JAMES F. J. (A'30), Engineer, Department of Radio Engineering, Administration of Posts and Telegraphs, Centralpostbygningen, Copenhagen V., Denmark. For mail: Ehlersvej 8, Hellerup, Denmark.
- STEIN, HAROLD A. (A'29), Engineering Department, Allied Radio Corporation, 833 W. Jackson Blvd., Chicago, Ill. For mail: 4917 N. Kenmore Ave., Chicago, Ill.
- STELLWAGEN, FRANK W. (A'29), Chief Engineer, Electrical Division, Fairchild Aerial Camera Corporation, 62-10 Woodside Ave., Woodside, L.I., N.Y. For mail: 8925 Parsons Blvd., Jamaica, L.I., N.Y.
- STEMPEL, WALDEMAR M. (A'15), Assistant Professor of Physics, Stevens Institute of Technology, Hoboken, N.J.
- STEPHAN, HOWARD W. (A'34), Broadcast Technician, WKRC, Inc., Hotel Alms, Cincinnati, Ohio. For mail: Oakview Apts., Apt. 18, 740 Oak St., Cincinnati, Ohio.
- STEPHENS, HOWARD W. (A'36), Service Engineer and Technical Consultant, Wholesale Radio Service Company, Inc., 430 W. Peachtree St., N.W., Atlanta, Ga. For mail: 995 Delaware Ave., S.E., Atlanta, Ga.
- STERBA, ERNEST I. (A'20), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: c/o Bell Telephone Laboratories, Inc., Deal, N.J.
- STERKY, HAKAN K. A. (A'25), Chief Engineer, Construction Department, Telefonaktiebolaget L. M. Ericsson, Döbelnsgatan 18, Stockholm, Sweden. For mail: Norrbackagatan 22, Stockholm, Sweden.
- STERLING, GEORGE E. (A'27-M'28), Assistant Chief, Field Section, Engineering Department, Federal Radio Commission, Washington, D.C. For mail: 915 Kingston Rd., Stoneleigh, Baltimore County, Md.
- STETSON, HARLAN T. (A'31), Research Associate in Geophysics, Massachusetts Institute of Technology, Cambridge, Mass.
- STEVENS, ARCHIE M. (A'12-M'25-F'31), General Manager, Cia Internacional de Radio, 143 Defensa, Buenos Aires, Argentina.
- STEVENS, CARLTON R. (A'35), Consultant, The American Brass Company, Waterbury Brass Goods Branch, Waterbury, Conn.
- STEVENS, CHESTER B. (A'31), Manager, Independence Produce Company, Independence, Iowa. For mail: 302 Second St., S.W., Independence, Iowa.
- STEVENS, STEPHEN (A'36), Radio Development Engineer, Eastern Air Lines, Miami, Fla. For mail: Box 91, Miami Springs, Fla.
- STEVENSON, GRANT (A'35), Radio Service, Reliance Radio Service, Division of Reliance Lumber Company, Saskatoon, Sask., Canada. For mail: 602 Queen St., Saskatoon, Sask., Canada.
- STEVENSON, RALPH S. (A'32), Broadcast Engineer, Radio Service Corporation of Utah, KSL, KSL Bldg., 10 S. Main St., Salt Lake City, Utah. For mail: 1411 Laird Cir., Salt Lake City, Utah.
- STEWART, CLAUDE J. (J'36), Radio Servicing and Sales, Box 88, Bassetterre, St. Kitts, B.W.I. For mail: Government House, Bassetterre, St. Kitts, B.W.I.
- STEWART, FREDERICK F., JR. (S'35), Engineer, Philadelphia Storage Battery Company, C and Westmoreland Sts., Philadelphia, Pa. For mail: 1625 S. 58th St., Philadelphia, Pa.
- STEWART, JESSE A. (A'31), U. S. Coast Guard, Fort Funston, San Francisco, Calif.
- STEWART, JESSICA D. (M'29), Patent Attorney, National Press Bldg., Washington, D.C.
- STEWART, JOHN (A'34), Scientific Officer, Royal Aircraft Establishment, South Farnborough, Hants., England.
- STEWART, RALPH B. (A'19-M'26), Patent Lawyer, National Press Bldg., Washington, D.C.
- STEWART, WELBY E. (A'35), Chief Engineer, WOI, Iowa State College, Ames, Iowa.
- STILLWELL, REX R. (A'32), Technical Sergeant, U. S. Marine Corps, Signal Repair Shop, Rm. 1734, Navy Bldg., Washington, D.C. For mail: 2040 F St., N.W., Washington, D.C.
- STIMPS, J. RAYMOND (A'33), President and Chemical Engineer, Norwest Radio Laboratories, Box 281, Shelby, Mont.
- STINCHFIELD, J. M. (A'29), Research and Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- STINSON, LAWRENCE W. (A'29), Chief Operator, Station KVOO, Wright Bldg., Tulsa, Okla.
- STINSON, ROBERT C. (A'36), Engineering Department, Chrysler Corporation, 12800 Oakland Ave., Detroit, Mich. For mail: 154 Massachusetts Ave., Highland Park, Mich.
- STIRK, FREDERICK J. (A'36), Radio Engineer, 2 GB, 29 Blich St., Sydney, Australia. For mail: 221 Gale Rd., Maroubra, Sydney, Australia.
- STOBBE, JOHN A. (A'28), Assistant to the General Manager, Arcturus Radio Tube Company, 720 Frelinghuysen Ave., Newark, N.J. For mail: 654 E. 23rd St., Brooklyn, N.Y.
- STOCKER, ARTHUR C. (A'28), Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 500 Third Ave., Hadden Heights, N.J.
- STOCKER, HAROLD C. (A'31), Transmitter Engineer, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio. For mail: Roanoke Apts., Lebanon, Ohio.
- STODDARD, RALPH N. (A'31), General Engineering Department, Westinghouse Electric

STO-SUK

- and Manufacturing Company, E. Pittsburgh, Pa. For mail: Clover Club, 6744 Penn Ave., Pittsburgh, Pa.
- STODDERT, THOMAS M.** (S'36-A'37), R.R. 4, Charleston, Ill.
- STOEKLE, ERWIN R.** (M'26), Vice President, Globe Union; President, Centralab, 900 E. Keefe Ave., Milwaukee, Wis. For mail: 1928 N. 33rd St., Milwaukee, Wis.
- STOFFEL, LESTER L.** (A'35), Vice-President and Chemical Engineer, Ohio Carbon Company, 12508 Berea Rd., Cleveland, Ohio. For mail: 1095 Kenneth Dr., Lakewood, Ohio.
- STOKER, WARREN C.** (A'36), Instructor, Department of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N.Y. For mail: 1610 Highland Ave., Troy, N.Y.
- STOKES, HOWARD S.** (A'30), Associate Radio Engineer, Air Navigation Division, Bureau of Air Commerce, Department of Commerce, Washington, D.C. For mail: 425 N. Jackson Ave., Arlington, Va.
- STONE, CARRINGTON H.** (A'14-M'25), Owner, Carrington H. Stone, 205 W. Wacker Dr., Chicago, Ill.
- STONE, CLARENCE G., JR.** (A'15), Professor of Physics, Columbia University, New York, N.Y. For mail: 304 S. First Ave., Mt. Vernon, N.Y.
- STONE, ELLERY W.** (A'14-M'16-F'24), Vice President, Mackay Radio and Telegraph Company, and Federal Telegraph Company, 67 Broad St., New York, N.Y. For mail: 1010 Fifth Ave., New York, N.Y.
- STONE, FRED B.** (A'36), Engineer, Advance Development Section, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 409 Crest Ave., Haddon Heights, N.J.
- STONE, JOHN S.** (M'13-F'15), Development and Research Department, American Telephone and Telegraph Company, 195 Broadway, New York, N.Y. For mail: 1636 Torrence St., San Diego, Calif.
- STONE, LOUIS N.** (A'35), Miller Lumber Company, Beaver Creek, Ore.
- STORMS, HANS O.** (A'30), Field Engineer, Globe Wireless, Ltd., 311 California St., San Francisco, Calif. For mail: 559 Cowper St., Palo Alto, Calif.
- STORMS, HENRY J.** (A'29), Assistant Chief Operator, Western Union Telegraph Company, 808 W. Sprague Ave., Spokane, Wash. For mail: 4611 N. Jefferson St., Spokane, Wash.
- STOTT, HILLYARD T.** (A'33), Chief Technical Engineer, A. F. Bulgin and Company, Ltd., Abbey Rd., Barking, Essex, England. For mail: 17 Sylvan Ave., Mill Hill, London, N.W. 7, England.
- STOUT, G. PHILIP** (A'33), Research Engineer, Coca Cola Company, 1215 E. Fort Ave., Baltimore, Md. For mail: 3809 Barrington Rd., Baltimore, Md.
- STOVER, ARTHUR R., JR.** (J'29-A'32), 831 Garfield St., Oak Park, Ill.
- STRADA, FEDERICO** (A'33), Physician, Fabbrica Italiana Magneti Marelli, Sesto San Giovanni, Milano, Italy. For mail: Via Pancaldo 5, Milano, Italy.
- STRAW, FREDERICK W.** (A'32), F. W. Straw, Ltd., 9 St. John's St., Colchester, Essex, England.
- STREICH, FRANK W.** (A'33), Designer, Electrical and Radio Repair Company, 8611 S. Bishop St., Chicago, Ill. For mail: 5129 Wentworth Ave., Chicago, Ill.
- STREICH, ROBERT J.** (A'30), Receiving Engineer, RCA Communications, Inc. Point Reyes Station, Calif. For mail: Box 86, Napa, Calif.
- STRIEBY, MAURICE E.** (M'31), Carrier Transmission Research Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- STRINGFELLOW, GLENN O.** (A'36), Engineering Assistant, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 326 W. Sixth St., Emporium, Pa.
- STRINGFELLOW, WILLIAM M.** (A'30), WSPD, Commodore Perry Hotel, Toledo, Ohio.
- STRNAD, JOSEF** (A'27), Director of Technical Service, Ministry of Posts and Telegraphs, Holečkova 36, Prague XVI, Czechoslovakia.
- STROCKBINE, JOSEPH** (A'36), c/o Timekeeper, Claridge Hotel, Atlantic City, N.J.
- STROEBEL, JOHN C., JR.** (A'14-M'26), Box 360, Eagle Pass, Tex.
- STROHSCHNEIDER, WALTER** (A'36), Chief Engineer, André Dewald and Son, 561 Seestrasse, Zurich, Switzerland. For mail: Hohestr. 63, Zurich-Zollikon, Switzerland.
- STROMATT, FRED C.** (A'34), Engineer, McMurdo Silver Corporation, 3354 N. Paulina St., Chicago, Ill. For mail: 3522 N. Leavitt St., Chicago, Ill.
- STROMEYER, CHARLES F.** (A'29), Chief Engineer, Revelation Patents Holding Company, 1501 Broadway, New York, N.Y. For mail: 126 Archer Ave., Mount Vernon, N.Y.
- STROMWALL, CARL W.** (A'35), Surface Grinder, Mergenthaler Linotype Company, 29 Ryerson St., Brooklyn, N.Y. For mail: 55 Hanson Pl., Brooklyn, N.Y.
- STRONG, CHARLES E.** (A'25-M'27), Chief Radio Systems Development Engineer, Standard Telephones and Cables, Ltd., Oakleigh Rd., New Southgate, London, N. 11, England.
- STRUPP, EARL J.** (J'34-A'35), Box 223, R.R. 1, La Habra, Calif.
- STRUTHERS, FRANCIS W.** (A'36), Assistant Radio Engineer, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: 2150 Pennsylvania Ave., N.W., Washington, D.C.
- STRUTHERS, GEORGE A.** (M'29), Assistant Staff Engineer, Radio Branch, Engineering Department, General Post Office, London, England.
- STUBBS, WILLIAM** (A'36), Engineer, Posts and Telegraphs Department, Kuala Lumpur, F.M.S.
- STUCKERT, E. MORRIS** (A'30), Senior Radio Electrician, U. S. Department of Commerce, Bureau of Lighthouses, First District, 259 High St., South Portland, Maine. For mail: 55 Hillside Ave., South Portland, Maine.
- STUCKY, JOSEPH B.** (S'35), Graduate Student, Rensselaer Polytechnic Institute, Troy, N.Y. For mail: 2151-12th St., Troy, N.Y.
- STUEDELE, EMRY C.** (A'26), Development Engineer, United Geophysical Corporation, 164 N. Hill, Pasadena, Calif. For mail: 2563 N. Raymond, Altadena, Calif.
- STUPP, RUSSELL W.** (A'36), Service Engineer, Levitz Furniture Company, 622 Cumberland St., Lebanon, Pa. For mail: 1100 E. Lehman St., Lebanon, Pa.
- SUARES, JOSE B.** (A'28), Senior Operator, Posts and Telegraphs Department, Federated Malay States Government, Ipoh, Perak, F.M.S. For mail: 14/102 Sungei Pari Rd., Ipoh, F.M.S.
- SUAREZ SCASSO, CARLOS A.** (A'36), Engineer-in-Chief, Radio Tecnica Argentina, José Bonifacio 2764, Buenos Aires, Argentina.
- SUGA, YOSUKE** (A'36), Manager, Vacuum Tube Factory, Tokyo Electric and Radio Company, Ltd., Kawasaki City, Kanagawa-ken, Japan.
- SUGI, CHOHSUKE** (A'31), Engineer, Nippon Electric Company, 2, Shikoku-cho, Mita, Shiba-ku, Tokyo, Japan. For mail: 7, 2-chome, Hirakawacho, Kojimachi-ku, Tokyo, Japan.
- SUGIYAMA, EIITI** (A'30), Chief Engineer, Telephone and Telegraph Engineer's Office, Bureau of Communications, Kyoto, Japan.
- SUKO, NOBUKATSU** (A'36), Mechanical and

- Electrical Chief Engineer, Nipponophone Company, Ltd., Kunesaki, Kawasaki-shi, Kanagawakan, Japan.
- SULLIVAN, J. R. (A'36), Radio Operator, WRR, City of Dallas, Dallas, Tex. For mail: 2019 Bennett Ave., Dallas, Tex.
- SULLIVAN, RAYMOND (A'36), Research Engineer, Delco Appliance Division, General Motors Corporation, Rochester, N.Y. For mail: 50 Honner Terr., Rochester, N.Y.
- SUMERLIN, WILLIAM T. (S'34), Student, Stanford University, Stanford University, Calif. For mail: Box 544, Stanford University, Calif.
- SUMI, M. (A'31), Research Laboratory, Tokyo Electric Company, Kawasaki, Japan.
- SUMMERFIELD, JAMES L. (A'31), Radio Engineer, The Gramophone Company, Ltd., Hayes, Middx., England. For mail: "St. Mawes," 3, Kings College Rd., Ruislip, Middx., England.
- SUMMERHAYES, HARRY R., JR. (A'36), Radio Development, General Engineering Laboratory, General Electric Company, Schenectady, N.Y. For mail: 1191 Stratford Rd., Schenectady, N.Y.
- SUMMERS, JAMES W. (A'30), Studio Engineer, National Broadcasting Company, Inc., 111 Sutter St., San Francisco, Calif. For mail: 1061-62nd St., Oakland, Calif.
- SUMPTER, PAUL B. (A'34), Electrical Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 102 Sunset Ave., N. Arlington, N.J.
- SUNNERGREN, ARVID P. (A'28), Chief Electrical Designer, West Penn Power Company, Rm. 1305, West Penn Bldg., 14 Wood St., Pittsburgh, Pa.
- SUSSMAN, HARRY (S'33-A'34), Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- SUTHERLAND, ALEXANDER (A'16), Division Superintendent, Radio Service, Canadian Government, Box 310, Halifax, N.S., Canada.
- SUTHERLAND, EDGAR F. (A'30), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 152 Merion Ave., Haddonfield, N.J.
- SUTHERLAND, J. ALVIN (A'35), 313 Garland Ave., Takoma Park, Md.
- SUTHERLAND, JOHN G. A. (M'29), Chief Electrical Engineer and Manager, United Engineers, Ltd., 17-19 Battery Rd., Singapore, Straits Settlements.
- SUTHERLIN, LEE (A'19-M'28), Research Engineer, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. For mail: 124 Avenue A, Wilkensburg, Pa.
- SUZUKA, M. (A'31), Wireless Department, Mukden Central Office, Manchukuo Telephone and Telegraph Company, Ltd., Via Japan. For mail: Musen Gijitsuka, Hosen Chukyoku, Manshu Densin Denwakaisha, Hosen, Via Japan.
- SUZUKI, T. (A'31), Engineer, Laboratory, Japanese Broadcasting Corporation, Kinutamura, near Tokyo, Japan.
- SVENDSEN, A. V. (A'29), Director, McLeod and Svendsen, Ltd., Feilding, New Zealand. For mail: Kimbolton Rd., Feilding, New Zealand.
- SVENNINGSEN, KARL (A'29), Telegrafingeniør, Post-og Telegrafvesenet, Denmark. For mail: Skamløbæk Radio, Faarevejle, Denmark.
- SVOBODA, JAROMIR (M'26), Radio Engineer, Prague Ministry of Posts and Telegraphs, Prague, Czechoslovakia. For mail: Americka 11, Prague XII, Czechoslovakia.
- SWAIN, ROBERT R. (A'27), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- SWAN, RODOLPHUS A. (A'34), Radio Tube Engineer, Hygrade Sylvania Corporation, Loring Ave., Salem, Mass. For mail: 4 Orne Sq., Salem, Mass.
- SWANK, WALLACE B. (S'35), Engineer, General Household Utilities Company, 2638 N. Pulaski Rd., Chicago, Ill. For mail: 4525 N. Crawford Ave., Chicago, Ill.
- SWANSON, JOHN W. M. (A'33), Assistant Maintenance Engineer, British Broadcasting Corporation, Broadcasting House, 54, New Bridge St., Newcastle-on-Tyne, England. For mail: 13 Marden Ter., Cullercoats, Northumberland, England.
- SWEDLUND, LLOYD E. (A'31), Engineer, Research and Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- SWEENEY, ROBERT F. (A'34), Certified Radio Engineer, 73 Bordesley Green and 50 Camp Hill, Birmingham, England. For mail: 47 Cole Valley Rd., Hall Green, Birmingham, England.
- SWEENEY, WALTER M. (M'25), Director, Essanay Manufacturing Company, Ltd., 54 Buckhurst St., South Melbourne, Australia.
- SWEENEY, CAREY P. (A'22), Engineer, Development Laboratory, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y.
- SWENSEN, JAMES, JR. (A'34), Supervisor, Maintenance and Construction, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: 365 Ogden Ave., Jersey City, N.J.
- SWIFT, FREDERICK T. (A'36), Chief Engineers Office, Southern California Telephone Company, 740 S. Olive Ave., Los Angeles, Calif. For mail: 425 N. Olive Ave., Alhambra, Calif.
- SWINNEY, EDWARD (A'35), In Charge, Transmitting Station, Royal Air Force, Calafra, Malta.
- SYNNOTT, BURTON (A'36), Chief Clerk, Distribution Engineering Department, Consolidated Edison Company of New York, Inc., 4 Irving Pl., New York, N.Y. For mail: 1777 Edenwald Ave., Bronx, N.Y.C.
- SYPHER, E. L., JR. (A'36), Products Division, American Carrier Call Corporation, New York, N.Y. For mail: 104-16-223rd St., Queens Village, L.I., N.Y.
- SZEKELY, ANGELIKA (A'35), Assistant, Universitat Physikalisches Institut, Graz, Austria.

T

- TABER, HAROLD E. (A'24), Major, Royal Canadian Signals, c/o Director of Signals, Elgin Bldg., Ottawa, Ont., Canada.
- TABER, IRA De W. (A'30), Federal Corners, Richfield Springs, N.Y.
- TAGUTI, MINORU (A'27), Radio Engineer, Japan Wireless Company, Nissin Seimei Bldg., 2-2-tyōme Otemati, Kōzimiti-ku, Tokyo, Japan. For mail: c/o Nihon Musen Ono Syuttōyō, Onomati, Katō-gun, Hyōgo-ken, Japan.
- TAKAGI, TOHRU (A'34), Shimoshin, Fuchiyama Nr. Kyoto, Japan.
- TAKAMURA, SATORU (A'31), Engineer, Laboratory, Broadcasting Corporation of Japan, Kinutamura, Nr. Tokyo, Japan.
- TAKASE, ROBERT H. (A'36), Radio Operator, Hawaii Hochi Sha, 14 S. Queen St., Honolulu, T.H. For mail: 2451 Pauoa Rd., Honolulu, T.H.
- TAKAYANAGI, KENJIRO (A'34), Professor, Hamamatsu Technical College, Hamamatsu, Japan.
- TAKEBAYASHI, K. (A'25), Radio Engineer, Department of Communications, Komukyo, Tokyo, Japan.
- TAKI, IICHI (A'34), Engineer, Yosami Transmitting Station, Japan Wireless Telegraph Company, Yosamimura Hekikai-gun, Aichi-ken, Japan. For mail: Nihon Musen Yosami-Mura, Hekikai-gun, Aichi-ken, Japan.
- TALBOTT, EDWARD P. (A'30), Broadcast Engineer, El Paso Broadcasting Company, Mills and Kansas Sts., El Paso, Tex. For mail: 3010 Memphis St., El Paso, Tex.

TAL-TER

- TALLEY, DAVID** (A'35), Engineer, Plant Department, New York Telephone Company, Rm. 500, 101 Willoughby St., Brooklyn, N.Y. For mail: 188 Linden Blvd., Brooklyn, N.Y.
- TALMEY, PAUL** (A'36), Development Engineer, Radio Inventions, Inc., 41 Park Row, New York, N.Y. For mail: 147 E. 61st St., New York, N.Y.
- TAMAGAWA, SHIROBEI** (A'32), JOBK, Osaka Sending Station, Senri-mura, Mishimamura, Osaka, Japan. For mail: Katayama 2912, Senri-mura, Mishima-gun, Osaka, Japan.
- TAMAI, ICHIRO** (A'36), Radio Engineer, Japan Wireless Telegraph Co., Ltd., 2-2-chome, Otemachi, Kojimachi-ku, Tokyo, Japan. For mail: c/o Japan Wireless Telegraph Company, Onomachi, Hyogoken, Japan.
- TANABE, YOSHITOSHI** (A'30), Radio Engineer, JOGK, Shimizumura, Nr. Kumamoto City, Japan.
- TANCK, HENRY** (A'26), RCA Communications, Inc., Bolinas, Calif.
- TANIMURA, ISAO** (A'30), Musen Komukyo-oku, Department of Communications, Tokyo, Japan.
- TANK, FRANZ** (A'31), Professor of Physics and Radio Engineering, Federal Institute of Technology, Zürich, Switzerland. For mail: Zurich Institute für Hochfrequenz Technik E. T. H., Gloriastr. 35, Zürich 7, Switzerland.
- TANTON, JOHN H.** (A'25), Captain (Late) Royal Air Force, 59 Akerman Rd., London, S.W. 9, England.
- TAPP, JAY E.** (A'35), Chief Engineer, Consolidated Broadcasting Corporation, Ltd., 435 Pine Ave., Long Beach, Calif. For mail: 115 E. 12th St., Long Beach, Calif.
- TAREL, GEORGES** (A'35), Chief Engineer, Altex Radio, 219 Rue de Courcelles, Paris, France. For mail: 23 Allée du Lac Inférieur, Le Vésinet, Seine et Oise, France.
- TARPLEY, RAYMOND E.** (A'30), Research Engineer, Leeds and Northrup Company, 4901 Stenton Ave., Philadelphia, Pa.
- TARR, L. H.** (A'35), All America Cables, Box D, Balboa, Canal Zone.
- TARZIAN, SARKES** (A'27), Chief Engineer, RCA Victor Argentina, Paroissien 3960, Buenos Aires, Argentina.
- TATE, JOHN W.** (J'36), Cable Shop, Southern California Telephone Company, 740 S. Olive St., Los Angeles, Calif. For mail: 1529 Ridgeway Dr., Glendale, Calif.
- TATNALL, JOSEPH S.** (A'28), Sales Engineer, National Vulcanized Fibre Company, Maryland Ave. and Beech St., Wilmington, Del.
- TAUBERT, W. HOWLAND** (A'31), Sales Manager, Insulation Division, Corning Glass Works, Corning, N.Y.
- TAUSSIG, CHARLES W.** (A'22), President and Chairman of the Board, American Molasses Company of New York, 120 Wall St., New York, N.Y.
- TAYLOR, A. HOYT** (M'15-F'20), Superintendent of Radio Division, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- TAYLOR, ALFRED O.** (A'24), 408 Copnor Rd., Portsmouth, Hants., England.
- TAYLOR, ALFRED R.** (A'29), Lieutenant, U. S. Navy, Assistant District Communications Officer, Thirteenth Naval District, Federal Bldg., Seattle, Wash. For mail: 1751-26th Ave., N., Seattle, Wash.
- TAYLOR, CHARLES H.** (M'13-F'13), Radio Corporation of America, 66 Broad St., New York, N.Y.
- TAYLOR, EDMUND R.** (A'22), Telephone Development Engineering, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 180 Varick St., New York, N.Y.
- TAYLOR, E. GORDON** (M'30), Instructor, City College, New York, N.Y.
- TAYLOR, EDWARD A.** (A'34), 28 Third St., New Castle, Del.
- TAYLOR, JAY L.** (A'27), Laboratory Engineer, Colonial Radio Corporation, 254 Rano St., Buffalo, N.Y. For mail: 140 Sanders Rd., Buffalo, N.Y.
- TAYLOR, JOHN P.** (A'29), Transmitter Sales Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 559 Ontario St., Schenectady, N.Y.
- TAYLOR, LAURENS A.** (A'24), Aeronautics and Marine Engineering Department, General Electric Company, Schenectady, N.Y. For mail: 1369 Myron St., Schenectady, N.Y.
- TAYLOR, MALCOLM** (S'36), Radio Research Company, Inc., Ninth and Kearny Sts., N.E., Washington, D.C. For mail: 1705 Newton St., N.E., Washington, D.C.
- TAYLOR, PAUL B.** (A'35), Associate Physicist, U. S. Army Signal Corps, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- TAYLOR, PAUL H.** (A'36), Engineer, Hazeltine Service Corporation, 209-71-26th Ave., Bayside, L.I., N.Y. For mail: 42-35-159th St., Flushing, L.I., N.Y.
- TAYLOR, RAYMOND L.** (S'32-A'36), c/o U. S. Airways Radio Station, Idaho Falls, Idaho.
- TAYLOR, RICHARD H.** (M'33), Taylor's Radio Service, Ltd., 75 Lodge La., Liverpool 8, England.
- TAYLOR, RUSSELL R.** (A'30), Radio Operator, WCBA and WSNL, 39-41 N. 10th St., Allentown, Pa. For mail: 814 Greenleaf St., Allentown, Pa.
- TAYLOR, S. GORDON** (A'26-M'35), Managing Editor, *Radio News*, 461 Eighth Ave., New York, N.Y. For mail: 2344 University Ave., New York, N.Y.
- TAYLOR, THEODORE** (A'25), Planning Engineer, Western Electric Company, Inc., Dept. 8211, 100 Central Ave., Kearny, N.J.
- TAYLOR, W. H.** (A'19-M'21), Patent Lawyer, Pennie, Davis, Marvin and Edmonds, 165 Broadway, New York, N.Y.
- TAYLOR, WILLIAM** (A'36), Radio Engineer, Cosmos Lamp Works, Ltd., Brimsdown, Enfield, Middx., England. For mail: Bargate, Waggon Rd., Hadley Wood, Herts., England.
- TAYLOR, WILLIAM T.** (A'36), Second Signal Company Marine Base, San Diego, Calif.
- TEACHMAN, ALFRED E.** (A'27), Partner, Reith and Teachman, 65 Cumberland St., Woonsocket, R.I. For mail: 612 S. Main St., Woonsocket, R.I.
- TEAF, JOHN H.** (A'35), Section Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 97 Kendall Blvd., Oaklyn, N.J.
- TEAGUE, DONALD S., JR.** (S'36), Student, California Institute of Technology, 1301 E. California St., Pasadena, Calif. For mail: R. 2, Box 222, Santa Paulo, Calif.
- TEEL, WINTON D.** (A'35), RCA Manufacturing Company, Inc., 1016 N. Sycamore Ave., Hollywood, Calif. For mail: 736 N. Alta Vista Blvd., Hollywood, Calif.
- TELAAK, THEODORE J.** (A'36), President, National Service Company, 657-659 Broadway, Buffalo, N.Y. For mail: 356 Hewitt Ave., Buffalo, N.Y.
- TELLIER, JOSEPH C.** (S'35), Test Maintenance, Philadelphia Storage Battery Company, Philadelphia, Pa. For mail: 3415 N. 21st St., Philadelphia, Pa.
- TENAC, JAMES C.** (A'34), Engineer, Telephone Transmission, Cia. Union Telefonica Del Rio de La Plata, Calle Defensa No. 143, Departamento de Ingenieros, Buenos Aires, Argentina.
- TERMAN, FREDERICK E.** (A'25-F'37), Associate Professor, Stanford University, Stanford University, Calif. For mail: 659 Salvatierra St., Stanford University, Calif.
- TERRELL, JOHN A.** (A'19), Engineer, RCA Manufacturing Company, Inc., Camden, N.J.

- For mail: 320 Belmont Ave., Haddonfield, N.J.
- TERRELL, ROBERT L. (A'26), 801 Philadelphia Ave., Silver Spring, Md.
- TERRELL, WILLIAM D. (A'12-F'29), Chief, Field Section, Federal Communications Commission, Washington, D.C.
- TERVEN, LEWIS A. (A'24-M'26), Technical Engineer, West Penn Power Company, 14 Wood St., Pittsburgh, Pa.
- TESCH, WALTER L. (M'24), Chief Electrical Engineer, Victor Talking Machine Company of Japan, 3 chome Moriya-cho, Kanagawa-ku, Yokohama, Japan. For mail: c/o Victor Talking Machine Company of Japan, Box 43, Yokohama, Japan.
- TESTAN, PETER, JR. (A'35), Chief Engineer, WBBC, Brooklyn Broadcasting Corporation, 534 Atlantic Ave., Brooklyn, N.Y. For mail: 2123 Troy Ave., Brooklyn, N.Y.
- TESTAVERDE, AMEDEO (A'34), Radio Officer, Società Italiana Radio Marittima, Via dei Condotti, 11, Rome, Italy. For mail: Genova-Rivarolo, Italy.
- TEUNISSON, JOHN F. (A'27), Maintenance Supervisor, Air Navigation Division, Bureau of Air Commerce, Washington, D.C.
- THACKER, MANEKAL S. (A'28), Acting Testing Superintendent, Calcutta Electric Supply Corporation, Ltd., Victoria House, Calcutta, India.
- THEREMIN, LEON (A'29), Director of Research, Teletouch Corporation, 37 W. 54th St., New York, N.Y.
- THEW, CHARLES L. (A'34), Principal, Radiocraft, 17 Park Ave., Whitley Bay, Northumberland, England.
- THIEBLEMONT, ANDRE H. (A'33), Research Engineer, Coty, Inc., 423 W. 55th St., New York, N.Y.
- THIESSEN, ARTHUR E. (A'29-M'30), Engineer, General Radio Company, 30 State St., Cambridge, Mass.
- THISTLETHWAITE, WILLIAM G. (S'35-A'36), Box 638, Macedon, N.Y.
- THISTLETHWHITE, ROBERT (A'30), Teacher, 1319 E. 38th St., Los Angeles, Calif. For mail: 1824 Middleton Pl., Los Angeles, Calif.
- THOLSTRUP, HENRY L. (A'26), Engineer, International Business Machines Company, Endicott, N.Y. For mail: 3201 Marne St., Endwell, N.Y.
- THOM, FREDERICK W. P. (A'33-M'35), Director, Thom and Smith, Ltd., 29-39 Botany Rd., Mascot, N.S.W., Australia. For mail: Box 2596 EE, Sydney, N.S.W., Australia.
- THOMAS, CLARENCE W. (A'28), c/o Wallace H. Thomas, General Delivery, Edmonton (South), Alberta, Canada.
- THOMAS, EARL R. (A'35), General Engineer, The New York Edison Company, Inc., 4 Irving Pl., New York, N.Y.
- THOMAS, GEORGE G. (A'28), RCA Manufacturing Company, Inc., Camden, N.J. For mail: 420 Woodland Ave., Haddonfield, N.J.
- THOMAS, HARRY E. (A'28), Radio Engineer, Philco Radio and Television Corporation, Philadelphia, Pa. For mail: 1514 E. Duval St., Philadelphia, Pa.
- THOMAS, HENRY P. (A'34), Engineer, Radio Transmitter Engineering Department, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 1109 Union St., Schenectady, N.Y.
- THOMAS, MORRIS W. (A'27), Radio Engineer, *Wisconsin News*, 15 Michigan St., Milwaukee, Wis. For mail: 1007 N. Cass St., Milwaukee, Wis.
- THOMAS, WALTER E. (A'35), District Inspector, Telautograph Corporation 16 W. 61st St., New York, N.Y. For mail: 153-18th St., West New York, N.J.
- THOMAS, WILLIAM A., 3rd (A'24-M'27), Vice President and General Manager, Premier Crystal Laboratories, Inc., 53 Park Row, New York, N.Y. For mail: Wesskum Wood Rd., Old Greenwich, Conn.
- THOMAS, WILLIAM M. (A'26), U.S.S. *Pennsylvania*, c/o Postmaster, San Pedro, Calif.
- THOMPSON, ALBERT C. (A'36), Telephone Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- THOMPSON, ALFRED E. (M'26), Technical Director, Creed and Company, Ltd., Telegraph House, Croydon, Surrey, England.
- THOMPSON, B. J. (A'29-M'32), In Charge of Research Section, Research and Development Laboratory, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- THOMPSON, EDWARD H. (S'36), Western Electric Company, South Kearny, N.J. For mail: 915 Madison Ave., Plainfield, N.J.
- THOMPSON, FRANCIS S. (A'28), Major, Royal Corps of Signals, 3 Newport Rd., Barnes London S.W. 3, England.
- THOMPSON, JAMES W. (S'36), Inspector, Union Oil Company, Wilmington, Calif. For mail: 3005 E. Sixth St., Long Beach, Calif.
- THOMPSON, JOHN H. (A'15), Chief Engineer, Canadian Marconi Company, 211 St. Sacramento St., Montreal, Que., Canada.
- THOMPSON, JOHN L. (A'36), Chief Engineer, McMichael Radio, Ltd., Wexham Rd., Slough, Bucks, England.
- THOMPSON, JOHN M. (J'27-A'28), Radio-electrician, United States Veterans Administration Facility, Fort Hill Ave., Canandaigua, N.Y. For mail: 529 N. Main St., Canandaigua, N.Y.
- THOMPSON, LELAND E. (A'35), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 606 Maple Ave., Merchantville, N.J.
- THOMPSON, MILTON L. (A'26), Radio Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 939 Fox Chase Rd., Fox Chase, Philadelphia, Pa.
- THOMPSON, ROBERT G. (A'35), Assistant Supervisor, Master Control, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: 148 Pine St., Freeport, L.I., N.Y.
- THOMPSON, SYLVESTER T. (A'34), Vice-President and General Manager, Pilot Radio Corporation, 3706-36th St., Long Island City, L.I., N.Y.
- THOMSEN, PAUL H. (A'34), Special Consultant, Communication and Television, National Radio Institute, 16th and U Sts., Washington, D.C. For mail: 903 Philadelphia Ave., Silver Spring, Md.
- THOMSETT, HECTOR S. (A'29), Assistant Engineer, Engineering Department, British Post Office, Northwestern District, Preston, Lancs., England.
- THOMSON, HOWARD M. (J'29-A'31), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- THOMSON, JOHN M. (A'26), Radio Engineer, Ferranti Electric, Ltd., Mount Dennis, Ont., Canada. For mail: 171 John St., Weston, Ont., Canada.
- THOMSON, WILLIAM B. (A'36), Manager, C. Cunningham, 264 Crown St., Glasgow, Scotland. For mail: 50 Bruce Rd., Paisley, Scotland.
- THORNE, HAROLD A. (A'32), Radio Technician, Lords Radio Service, 752 Third St., San Bernardino, Calif. For mail: 1272 King St., San Bernardino, Calif.
- THORNTON, HENRY P. (A'27), Division Equipment Engineer, Postal Telegraph Cable Company, Atlanta, Ga.
- THORNTON, JOSEPH P. (A'32), Engineer-in-Charge, RCA Communications, Inc., Kahuku Oahu, T.H.
- THORPE, STEWART M. (A'36), Science

THO-TRE

- Master, Eastbourne Education Committee, Cavendish School, Eastbourne, England.
- THORSON, WESLEY G. (A'36), Teacher, Lane Technical High School, Addison St. and Western Ave., Chicago, Ill. For mail: 5632 N. Meade Ave., Chicago, Ill.
- THROPP, CHARLES H. (A'30), Radio Operator, United Fruit Company, Pier 9, North River, New York, N.Y. For mail: 110 Clay St., Tuckerton, N.J.
- THRUN, ARTHUR G. (A'31), Auto Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 5231 Barry Ave., Chicago, Ill.
- THRUN, RUSSEL S. (J'34), Radio Service and Sales Engineer, S. S. Kresge Company, 242-244 Huron Ave., Port Huron, Mich. For mail: 1028 Griswold St., Port Huron, Mich.
- THURNAUER, HANS (A'36), Development Engineer, American Lava Corporation, Manufacturers Rd., Chattanooga, Tenn.
- THWAITES, HERBERT J. (A'36), Engineering Inspector, Radio Section, General Post Office, Armour House, London, England. For mail: "Wayside," 11 Crockenhill Rd., Swanley, Kent, England.
- TIBBALS, LOWMAN (S'35), Engineer, Communication Engineers, Inc., Alpha Bldg., 3215 Western Ave., Seattle, Wash. For mail: 1711-44th Ave., S.W., Seattle, Wash.
- TIBBETS, D. REGINALD (S'33-A'36), Communications Engineer, 165 Purdue Ave., Berkeley, Calif.
- TIERNEY, WALTER L. (M'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- TIETSWORTH, F. WENDELL (A'36), Development Engineer, Radio Receiver Engineering Section, General Electric Company, Bldg. 33-E, 1285 Boston Ave., Bridgeport, Conn.
- TIFFANY, JOHN M. (A'31), Staff Operator, WABC, 485 Madison Ave., New York, N.Y. For mail: Box 51, Mountain View, N.J.
- TILDEN, MEARL W. (A'31), Technical Editor, Publication Division, RCA Manufacturing Company, Inc., Camden, N.J. For mail: R.R. 1, 228 Highland Ave., Haddonfield, N.J.
- TIMMONS, FRANK E. (A'34), Radio Operator, WPDH, City Bldg., N. Fifth St., Richmond, Ind. For mail: 532 South West "A," Richmond, Ind.
- TING, CHESTER Y. (S'35), Kao Chih Lee, Foo Chow, China.
- TINGEY, ROBERT (M'21), Radio Engineer, 45 Nevern Sq., Earl's Ct., S.W. 5, England.
- TINGLEY, FREEMAN T. (A'27), Professor of Electrical Engineering, Clemson College, Clemson College, S.C.
- TINNEY, FRANCIS B. (A'24), Electrical Engineer, Box 134, Palo Alto, Calif.
- TINSLEY, ARTHUR B. (A'36), Plant Engineer, KTAT, Box 1317, Fort Worth, Tex. For mail: R.R. 6, Box 217A, Fort Worth, Tex.
- TINUS, WILLIAM C. (A'31-M'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- TISSHAW, HENRY S. (M'26), Companhia Portuguesa, Radio Marconi, Rua S. Juliao, 131, Lisbon, Portugal.
- TITTLE, HULBERT C. (A'27), Radio Engineer, Colonial Radio Corporation, 254 Rano St., Buffalo, N.Y. For mail: 136 Knowlton Ave., Kenmore, N.Y.
- TOBIYAMA, KEIITI (A'31), Radio Engineer, Japan Wireless Telegraph Company, Nissin-Seimei Bldg., Ottemati 2-chome, Tokyo, Japan.
- TOBY, ARTHUR S. R. (A'34), Radio Service Engineer, Radio Department, The Robert Simpson Company, Toronto, Ont., Canada. For mail: 59 Fermanagh Ave., Toronto, Ont., Canada.
- TOEPLITZ, WALTER (A'36), Radio Service, Box 1566, Johannesburg, South Africa.
- TODD, HAROLD C. (A'27), Secretary and Treasurer, Swedish Iron and Steel Corporation, 17 Battery Pl., New York, N.Y. For mail: Tillotson Rd., Fanwood, N.J.
- TOLMIE, JOHN R. (J'15-A'18-M'32), Engineer, Pacific Telephone and Telegraph Company, 820 Fairview Ave., N., Seattle, Wash. For mail: 615 Boren Ave., Seattle, Wash.
- TOLSON, WILLIAM A. (M'28), Research Division, RCA Manufacturing Company, Inc., Camden, N.J.
- TOMCHUCK, JOHN (J'29-A'33), Switchman, Michigan Bell Telephone Company, 1365 Cass Ave., Detroit, Mich. For mail: 6687 Pelouze, Detroit, Mich.
- TOMPSETT, FRANCIS J. (A'35), Engineer, Marconi's Wireless Telegraph Company, Ltd., Marconi Offices, Electra House, Victoria Embankment, London W.C. 2, England. For mail: Wood Croft, 49, Woodcrest Rd., Purley, Surrey, England.
- TONER, WILLIS C. (A'36), Testing Laboratory, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 517½ Vine St., Emporium, Pa.
- TOOMBS, ROY (A'31), "White Haven," Crawford Ave., Wembley, Middx., England.
- TOPMILLER, CHAS. H. (A'32), Chief Engineer, L. B. Wilson, Inc., Sixth and Madison Ave., Covington, Ky.
- TOTH, ALBERT (A'36), 1628 First Ave., New York, N.Y.
- TOTH, EMERICK (A'36), 36-19-168th St., Flushing, L.I., N.Y.
- TOWNE, ALFRED E. (A'30), Radio Engineer, KSFO, Associated Broadcasters, Inc., 31st Fl., Russ Bldg., San Francisco, Calif. For mail 2401 Jackson St., San Francisco, Calif.
- TOWNER, ORRIN W. (A'24-M'29), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- TOWNSEND, FRANK T. G. (M'26), Inspector, Post Office Engineering Department, Whiting St., Bury St. Edmunds, Suffolk, England. For mail: 55 Horsecroft Rd., Bury St. Edmunds, Suffolk, England.
- TOWNSLEY, FREDERIC W. (A'32), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- TOY, EDWARD S. (S'36), 412 E. Berry St., Fort Wayne, Ind.
- TOZER, BASIL L. (S'36), Student, Electrical Engineering Department, University of Bristol, Bristol, England. For mail: 25 Hampton Rd., Redland, Bristol 6, England.
- TRACY, JOHN B., JR. (A'31), Manager, Radio Experimental Laboratories, 49 Broadway, Taunton, Mass.
- TRAFTON, DAVID C. (A'36), Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For Mail: 606 W. Maple Ave., Merchantville, N.J.
- TRAINER, MERRILL A. (A'35), Radio Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 341 Westmont Ave., Westmont, N.J.
- TRAMMELL, ROBERT D. (A'36), Technical Employee, American Telephone and Telegraph Company, 938 Hurt Bldg., Atlanta, Ga. For mail: 774 Sherwood Rd., N.E., Atlanta, Ga.
- TRAPEUR, ROBERT E. (A'31), Chief Radio Electrician, U. S. Navy, U.S.S. *Mississippi*, San Pedro, Calif.
- TRAVIS, CHARLES (A'29), Research Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 354 W. Allen's La., Philadelphia, Pa.
- TREMBLAY, ELLWOOD C. (J'36), Proprietor and Manager, Northern Radio Service and Communication Company, Cochrane, Ont., Canada. For mail: Box 92, Cochrane, Ont., Canada.
- TREVOR, BERTRAM (A'29), Radio Engi-

- neer, RCA Communications, Inc., Moriches Rd., Riverhead, L.I., N.Y. For mail: 179 Woodhull Ave., Riverhead, L.I., N.Y.
- TRIPLETT, W. ROBERT (A'33), Junior Engineer, Mackay Radio and Telegraph Company, 22 Battery St., San Francisco, Calif. For mail: Box 422, Palo Alto, Calif.
- TRIPP, AUGUSTUS B. (A'30), Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 843 Woodland Ave., Schenectady, N.Y.
- TROEGLEN, KARL (A'30), Chief Engineer, Topeka Broadcasting Association, 1035 Topeka Blvd., Topeka, Kan. For mail: 2082 Lincoln St., Topeka, Kan.
- TROOST, NIELS (A'35), Assistant Engineer, South African Broadcasting Corporation, Box 4559, Johannesburg, South Africa. For mail: 1 Orwell St., Kensington, Johannesburg, South Africa.
- TROUANT, VIRGIL E. (A'26), RCA Manufacturing Company, Inc., Camden, N.J. For mail: 247 Merion Ave., Haddonfield, N.J.
- TROUT, EDRIE D. (A'36), Assistant Commercial Engineer, General Electric X-Ray Corporation, 2012 W. Jackson Blvd., Chicago, Ill. For mail: 215 W. Crescent, Elmhurst, Ill.
- TROUTBECK, WILFRID H. (A'29), Managing Director, Watamis Ltd., 6 Beauchamp St., Holborn, London, E.C. 1, England. For mail: 3 Mitre House, Kings Rd., London, S.W. 3, England.
- TROWBRIDGE, BYRON (S'35), Night Chemist and Engineering Inspector, Magnavox Company, 2131 Bueter Rd., Fort Wayne, Ind. For mail: 124 W. Grove St., Kendallville, Ind.
- TROWBRIDGE, HOWARD M. (S'34-A'36), 1808 E. First Ave., Spokane, Wash.
- TROXLER, LUCIEN J., JR. (A'17), Engineer, Hazeltine Service Corporation, 209-71-26th Ave., Bayside, L.I., N.Y. For mail: 33-34-156th St., Flushing, L.I., N.Y.
- TRUAX, JOHN (A'27), 2 Rector St., New York, N.Y.
- TRUELL, ROHN (A'36), Engineer, RCA Manufacturing Company, Inc., RCA Radio-tron Division, Harrison, N.J. For mail: 195 Prospect St., East Orange, N.J.
- TRUM, ALEXANDER D. (A'27), Accountant, State Highway Department of Alabama, Montgomery, Ala. For mail: 33 Winthrop Ct., Montgomery, Ala.
- TRUMPY, J. WALTER (A'36), Radio Engineer, Philco Radio and Television Corporation, Ontario and C Sts., Philadelphia, Pa. For mail: 400 Kerper St., Lawndale, Philadelphia, Pa.
- TSAO, ZEUSON C. (A'28), Chief Engineer, China Radio Corporation, 40 Ningpo Rd., Shanghai, China.
- TSIA, HOCK L. (A'28), Manager, West China Development Corporation, 403, 40 Ningpo Rd., Shanghai, China.
- TSUMURA, KAZUO (A'28), Radio Engineer, Japan Wireless Telegraph Company, Jiji Bldg., Marunouchi, Tokyo, Japan. For mail: Nihon Musem Densin-kaisha, Yosami-mura Hekikikai gun, Aichi ken, Japan.
- TUCK, HARRY P. (A'30), Lecturer in Electrical Engineering, University of Tasmania, Hobart, Tasmania, Australia.
- TUCKER, CARLTON E. (A'31-M'34), Associate Professor, Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass.
- TUCKER, DUNDAS P. (A'36), Lieutenant, U. S. Navy Division Radio Officer, U.S.S. Arizona, c/o Postmaster, San Pedro, Calif.
- TUCKER, DURWARD J. (A'30), Assistant Chief Engineer, WRR, Southland Life Insurance Company Bldg., Dallas, Tex. For mail: 5712½ Marquita Ave., Dallas, Tex.
- TUCKER, JOHN P. (A'35), Chief Engineer, General Manufacturing Company, 8066 S. Chicago Ave., Chicago, Ill. For mail: 8252 Cornell Ave., Chicago, Ill.
- TUCKER, WILLIAM E. (A'30), Radio Transmitter Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 723 Avondale Ave., Haddonfield, N.J.
- TUCKERMAN, LUCIEN P. (A'25-M'33), Radio Engineer, Federal Telegraph Company, 200 Mt. Pleasant Ave., Newark, N.J. For mail: 3518 Farragut Rd., Brooklyn, N.Y.
- TULAUSKAS, LEONARD (A'31), Chief Engineer, Climax Radio and Television Company, 511 S. Sangamon St., Chicago, Ill. For mail: 9323 Rhodes Ave., Chicago, Ill.
- TUPPER, BERT R. (A'36), Radio Engineer, British Columbia Telephone Company, 1955 Wiley St., Vancouver, B.C., Canada.
- TURLE, EDGAR H. (M'25), Chief Electrical Engineer, H. J. Cash and Company, Ltd., Caxton House, London, S.W. 1, England. For mail: "Deerhurst," Beckenham, Kent, England.
- TURNER, ALFRED H. (A'30), Research Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 202 Burrwood Ave., Collingswood, N.J.
- TURNER, ALVA (A'22), Assistant Professor of Physics, Hunter College, New York, N.Y.
- TURNER, CARROLL G. (A'28), Radio and Illuminating Engineer, Kansas City Power and Light Company, 1330 Baltimore Ave., Kansas City, Mo. For mail: Box 7471, North Kansas City, Mo.
- TURNER, GEORGE S. (A'22-M'28), Inspector-in-Charge, Federal Communications Commission, 411 Federal Annex, Atlanta, Ga.
- TURNER, HUBERT M. (A'14-M'20), Associate Professor of Electrical Engineering, Yale University, New Haven, Conn.
- TURNER, JOSEPH, JR. (A'32), Junior Radio Inspector, 7420 Dante Ave., Chicago, Ill.
- TURNER, LAURENCE B. (A'24), University Lecturer, Faculty of Engineering, Cambridge University, Cambridge, England. For mail: 47 Bateman St., Cambridge, England.
- TURNER, WILLIAM G. (A'36), Branch Publisher, Wanganui Branch, Dominion Newspapers, c/o Box 405, Wanganui, New Zealand. For mail: 40 Ingestre St., Wanganui, New Zealand.
- TURNQUIST, LESTER (A'33), Audiola Radio Company, Chicago, Ill. For mail: 2935 Walnut St., Chicago, Ill.
- TURVEY, HENRY C. (A'28), Consultant, Jessop and Turvey, Electrical Engineers, Ecclesall, Sheffield, England. For mail: 42 Huntley Rd., Ecclesall, Sheffield, England.
- TUSKA, CLARENCE D. (A'14), Assistant Patent Attorney, Radio Corporation of America, Camden, N.J. For mail: 717 W. Mt. Airy Ave., Philadelphia, Pa.
- TUTTLE, DAVID F., JR. (S'34), Student, Massachusetts Institute of Technology, Cambridge, Mass. For mail: M.I.T. Dormitories, Cambridge, Mass.
- TUTTLE, LE ROY H. (S'34-A'36), Radio Operator, Northwest Airlines, Inc., Helena, Mont. For mail: 1915 Slauson Ave., Racine, Wis.
- TUTTLE, W. NORRIS (A'26), Engineer, General Radio Company, 30 State St., Cambridge, Mass.
- TWISS, ARTHUR R. (M'36), Principal, Universal Services, 148 High Holborn, London, W.C. 1, England. High Frequency Engineering Services, "Radiolab," North Finchley, London, N. 12, England.
- TYKOCINER, JOSEPH T. (M'21), Research Professor of Electrical Engineering, University of Illinois, Urbana, Ill.
- TYNAN, THOMAS E. (A'36), KSTP, National Battery Broadcasting Company, Minneapolis, Minn. For mail: 1415-39th Ave., North Minneapolis, Minn.
- TYRER, ALAN R. (A'32), 7 West View,

- Park Hill, Clapham, London, S.W. 4, England.
- TYSON, BENJAMIN F.** (S'36), Student, Stevens Institute of Technology, Hoboken, N.J. For mail: 13 Chestnut St., Chatham, N.J.
- TYSSÉ, HENRY L.** (A'30), Service Manager, Meyer Music House, 17 W. Eighth St., Holland, Mich. For mail: 162 E. 24th St., Holland, Mich.
- TYZZER, HOWARD J.** (A'20), Radio Engineer, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio. For mail: 2387 North Bend Rd., Cincinnati, Ohio.
- U**
- UCHIDA, HIDENARI** (A'36), Kogakushi, Nippon Electric Company, Ltd., Shikokumachi-2, Mita, Shibaku, Tokyoshi, Japan. For mail: Nankai-11, Kamiueno, Mukomachi, Otokunigun, Kyotofu, Japan.
- UCHIDA, SATOSHI** (A'25), Engineer, Nanao Radio Company, Ltd., 1, Shun-hiro-o Cho, Azabu, Tokyo, Japan. For mail: 702, Kitasenzoku, Omori-ku, Tokyo, Japan.
- UDA, SHINTARO** (A'33), Assistant Professor, Tohoku Imperial University, Sendai, Japan.
- UENO, SHUZO** (A'27), Engineer, Engineering Department, Japan Broadcasting Corporation, Uchisaiwaicho Kojimachi-ku, Tokyo, Japan.
- UIJIE, KENZO** (A'36), Toyama Broadcasting Station, Toyama, Toyamaken, Japan.
- ULLRICH, EDWARD H.** (M'26), Engineer, Les Laboratories Standard, 46 Avenue de Breteuil, Paris, 7, France.
- ULREY, DAYTON** (A'28), Research Physicist, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. For mail: Forest Hills Rd., Wilkensburg, Pa.
- ULRICH, VINTON K.** (S'33), Technical Editor, *Radio Today*, Caldwell-Clements, Inc., 480 Lexington Ave., New York, N.Y. For mail: Technology Club of New York, 22 E. 38th St., New York, N.Y.
- UNDERHILL, CHARLES R., JR.** (J'16-A'20), Field Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 708 Second Ave., Westmont, Johnstown, Pa.
- UNDERHILL, GEORGE H.** (A'34), Assistant to Chief Engineer, Central Hudson Gas and Electric Company, 50 Market St., Poughkeepsie, N.Y. For mail: 2 N. Randolph Ave., Poughkeepsie, N.Y.
- UNDERWOOD, CLIFFORD** (A'26), Radio Engineer, Canadian Westinghouse Company, Ltd., Hamilton, Ont., Canada. For mail: 95 Melrose Ave., S., Hamilton, Ont., Canada.
- UNDERWOOD, ERNEST G.** (A'28), Technical Director, KHJ, Don Lee, Inc., 1076 W. Seventh St., Los Angeles, Calif. For mail: 579 Ellis Ave., Inglewood, Calif.
- UNDERWOOD, FRANK C., JR.** (A'36), Assistant Manager, Southern Machinery Company, Quitman, Ga. For mail: Box 246, Quitman, Ga.
- UNDRILL, ERIC** (A'35), Radio Engineer, The C. & A. Odlin Company, Ltd., Cable St., Wellington, New Zealand.
- UPP, CHARLES B.** (A'30), Engineer, Radio Engineering Department, Westinghouse Lamp Company, Bloomfield, N.J.
- USSELMAN, GEORGE L.** (A'20), Engineer, Research and Design Division, RCA Communications, Inc., Rocky Point, L.I., N.Y.
- UYEDA, HIROYUKI** (A'35), Rikugun Kagaku Kenyusho, 4, Hyakuninmachi, Yodobashi-Ku, Tokyo, Japan. For mail: 31, Koyodocho, Nakano-Ku, Tokyo, Japan.
- UZMANN, J. GEORGE** (A'25-M'26), Engineer, Micamold Radio Corporation, 1087 Flushing Ave., Brooklyn, N.Y. For mail: 15 Pembroke Ct., Rockville Centre, L.I., N.Y.
- V**
- VAIL, LESLIE G.** (A'28), Orient, N.Y.
- VALENTINE, RUSSELL D.** (A'27), 201-13 38th Ave., Bayside, L.I., N.Y.
- VALENZUELA, ENRICO** (A'36), Proprietor, Radio Elettro Meccanica, Marino Turchi 14, Napoli, Italy. For mail: Via G. Bonito 33, Napoli, Italy.
- VANACORE, THOMAS** (A'28), 550 Fort Washington Ave., New York, N.Y.
- VAN ANTWERP, MAX C.** (A'26), Transmission Man, American Telephone and Telegraph Company, 214 N. Main St., Rockford, Ill. For mail: Box 36, Pecatonica, Ill.
- VANCE, DONALD H.** (A'36), Electronic Equipment Corporation, 1000 Mermaid Ave., Chestnut Hill, Philadelphia, Pa.
- VANCE, HAROLD C.** (M'30), District Manager, Engineering Products Division, RCA Manufacturing Company, Inc., 589 E. Illinois St., Chicago, Ill. For mail: 4816 Washington St., Downers Grove, Ill.
- VANDEN MEERSCHÉ, A. J.** (A'31), Instructor, University of Ghent, Ghent, Belgium. For mail: St. Pieters Aalstraat 20, Ghent, Belgium.
- VAN DER BIJL, HENDRIK J.** (M'17-F'28), Chairman, Electricity Supply Commission, South African Iron and Steel Industries Corporation, Ltd., "Escom House," Rissik St., Johannesburg, South Africa. For mail: Box 1091, Johannesburg, South Africa.
- VANDERHOOF, JUDSON** (A'35), Master Technical Sergeant, U. S. Marine Corps, Parris Island, S.C. For mail: Box 343, U. S. Marine Barracks, Parris Island, S.C.
- VANDERPOEL, FLOYD L.** (A'12), Litchfield, Conn.
- VAN DER POOL, BALTH** (M'20-F'29), Parklaan 24, Eindhoven, Netherlands.
- VAN DOEREN, CHARLES A.** (A'29), Engineer, Electrical Research Products, Inc., 2011-A Jackson St., Dallas, Tex. For mail: 1348 N. Denver Ave., Tulsa, Okla.
- VAN DYCK, ARTHUR F.** (A'13-M'19-F'25), Engineer in Charge, RCA License Laboratory, Radio Corporation of America, 711 Fifth Ave., New York, N.Y. For mail: 14 Martin Rd., Yonkers, N.Y.
- VAN DYKE, KARL S.** (A'15-M'26), Professor of Physics, Scott Laboratory, Wesleyan University, Middletown, Conn.
- VAN DYKE, WILLIAM D.** (A'36), Engineer, RCA Manufacturing Company, Inc., 15-2, RCA Victor Division, Camden, N.J. For mail: 306 Cooper St., Camden, N.J.
- VANEK, LAWRENCE J.** (A'28), Service Department Foreman, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio. For mail: 113 W. University Ave., Cincinnati, Ohio.
- VAN GUNDY, CLARENCE G.** (A'36), Radio Laboratories, 1515 Grand Ave., Kansas City, Mo. For mail: 6401 Peery, Kansas City, Mo.
- VAN LOAN, CULLEN G.** (A'25), Engineer, Sound Engineering Company, Fourth and State Sts., La Crosse, Wis. For mail: Box 461, La Crosse, Wis.
- VAN MEEL, GERARD M.** (A'31), Manager, Van Meel Radio, Brederodestraat, 155, Antwerp, Belgium.
- VAN NIMAN, R. T.** (J'25-A'28), 7221 S. San Francisco St., Chicago, Ill.
- VAN OSDOL, ROBERT L.** (A'36), Owner, Van Osdol Radio Sales and Service, 204 E. Main St., Morrison, Ill.
- VAN SANT, FRANKLIN T.** (A'36), Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 1806 Delaware Ave., Wilmington, Delaware.
- VAN THIEL, JAN** (A'36), National Hotel, Jackson, Calif.
- VAN VOORST, MARION** (A'33), Captain, Charlestown Armory, Boston, Mass.
- VAN WHY, FORBES W.** (A'24-M'28), Re-

- ceiving Engineer, Mackay Radio and Telegraph Company, 22 Battery St., San Francisco, Calif. For mail: Box 84, San Mateo, Calif.
- VARLEY, W. E. C.** (A'31), Engineer, British Broadcasting Corporation, Broadcasting House, London, W., England. For mail: 179, Trinity Rd., London, S.W. 17, England.
- VARTANIAN, ARTAK A.** (A'35), Chief Engineer, Amtorg Trading Corporation, 261 Fifth Ave., New York, N.Y. For mail: Apt. 22-D, 789 St. Marks Ave., Brooklyn, N.Y.
- VAUGHAN, BAKER W.** (A'36), Laboratory Assistant, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 2422 Kenwood Ave., Indianapolis, Ind.
- VEAZIE, EDMUND A.** (A'31), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 395 Hudson St., New York, N.Y.
- VECCHIACCHI, FRANCESCO** (A'35), Dottore in Fisica, Professore di Radio-tecnica, Rezio, Politecnico di Milano, Milano, Italy. For mail: 18 Via Monteverde, Milano, Italy.
- VECCHIALI, FERNAND D. J.** (A'36), Engineer, C. G. M. P. Pathe Freres, 55 Boulevard de la Republique, Chatou, Seine et Oise, France. For mail: 108 Avenue Albert 1er, Rueil, Seine-et-Oise, France.
- VEDY, L. G.** (A'30), 18 Grosvenor Ave., Wallington, Surrey, England.
- VEHLING, ROBERT H.** (A'35), General Traffic Supervisor, Western Union Telegraph Company, 60 Hudson St., New York, N.Y. For mail: c/o J. J. Welch, Western Union Telegraph Company, 60 Hudson St., New York, N.Y.
- VENN, WALTER M.** (A'33), 136 Selhurst Rd., South Norwood, London, England.
- VENNES, HAROLD J.** (M'26), Special Products Engineer, Northern Electric Company, Ltd., 1261 Shearer St., Montreal, Que., Canada.
- VERDAM, NICHOLAS H.** (M'21), Radio Engineer, Sweelinckplein 45, The Hague, Netherlands.
- VERMAN, LAL C.** (A'28), Research Officer, Industrial Research Bureau, Government Test House, Alipore, Calcutta, India.
- VERNON, BASIL H.** (A'24), Second Engineer, North Regional Studios, British Broadcasting Corporation, Broadcasting House, Piccadilly, Manchester, England. For mail: "Haddon," Highfield Rd., Wood La., Timperley, Cheshire, England.
- VEVERKA, RUDOLF E.** (A'30), Rudy's Radio Service, 3071 S. 32nd St., Omaha, Neb.
- VIGURS, REGINALD F.** (A'36), Radio Engineer, Radio Transmission Equipment, Ltd., 111 Charing Cross Rd., London, W.C., England. For mail: 131, Pettits La., Gidea Park, Essex, England.
- VILLAFANE, OSVALDO** (S'34), Bench Chemist, The Fajardo Sugar Company of Puerto Rico, Fajardo, Puerto Rico. For mail: Central Igualdad, Mayaguez, Puerto Rico.
- VINCENT, ALMON M.** (A'36), 510 Customhouse, San Francisco, Calif.
- VINOGRADSKY, BORIS** (A'34), Ordgeonikidze Radio Factory, Balshaja Tatarskaja 35, Moscow, U.S.S.R. For mail: Lushnetskaja ulitsa 17, Moscow, U.S.S.R.
- VOGEL, CHARLES P.** (A'34), Development Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 808 S. 15th St., Newark, N.J.
- VOGT, L. EDWARD** (A'36), Tap Selector, William Flaccus Oak Leather Company, 1228 River Ave., N.S., Pittsburgh, Pa. For mail: 1940 W. Homestead St., Mt. Troy, N.S. Pittsburgh, Pa.
- VOLK, JOSEPH A.** (A'32), Engineer, KSD, 12th and Olive Sts., St. Louis, Mo. For mail: 3943 Meramec St., St. Louis, Mo.
- VOLLKOMMER, WILLIAM A.** (A'32), Supervisor, WOX, New York Telephone Com-
- pany, 101 Willoughby St., Brooklyn, N.Y. For mail: 75 Munro Blvd., Valley Stream, L.I., N.Y.
- VON ALVENSLEBEN, GERO** (S'36), Student, College of Engineering, University of Washington, Seattle, Wash. For mail: 3879-44th Ave., N.E., Seattle, Wash.
- VON ARDENNE, MANFRED** (J'27-A'29), Radio Engineer, Jungfernstieg 19, Berlin-Lichterfelde-Ost, Germany.
- VON BAUDISSIN, JOSEF** (A'36), Factory Superintendent, Lear Developments, Inc., 125 W. 17th St., New York, N.Y. For mail: 546 Ovington Ave., Brooklyn, N.Y.
- VON DOHLEN, HENRY W., JR.** (A'36), Radio Operator, WRUF, Gainesville, Fla.
- VON OHLEN, F. D.** (A'33), Traffic Manager, Hearst Radio, Inc., Box 191, Redwood City, Calif.
- VORIE, IMMOKENT N.** (A'31), Development and Research Engineer, Colonial Radio Corporation, 254 Rano St., Buffalo, N.Y. For mail: R.F.D. 1, 154 Commodore Ave., Tonawanda, N.Y.
- VORIS, DON L.** (A'36), Radio Technician, Boeing Aircraft Company, Seattle, Wash. For mail: Bellevue, Wash.

W

- WADA, JACK C.** (A'32), Service Manager, Kawai Sales Company, Ltd., Lihue, T.H.
- WADE, CECIL F. N.** (M'36), St. Hilary, London Rd., Portsmouth: England.
- WADE, DAVID** (J'25-A'29), Serviceman, Canadian Marconi Company, Ltd., 1017 William St., Montreal, Que., Canada. For mail: 7237, Lasalle Blvd., Verdun, Que., Canada.
- WADSWORTH, CARL A.** (A'30), Mechanical Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 817 Rankin Ave., Schenectady, N.Y.
- WADSWORTH, HERBERT A.** (A'35), Engineer-in-Charge, WMAL, National Broadcasting Company, 712-11th St., N.W., Washington, D.C. For mail: 1900 Lamont St., N.W., Washington, D.C.
- WAGENER, WINFIELD G.** (A'29), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- WAGNER, HERBERT M.** (S'32-A'34), Electrical Research Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- WAGNER, KARL W.** (F'27), Professor, Technische Hochschule, Berlin, Germany. For mail: Nymphenburger Strasse, Berlin-Schöneberg, 11, Germany.
- WAH, CHARLES Y.** (A'36), Clerk, Lion Hardware Company, 666 King St., Seattle, Wash.
- WAINOLA, ALLEN J.** (S'36), Student, Polytechnic College of Engineering, 13th and Madison St., Oakland, Calif. For mail: 1219 Dwight Way, Berkeley, Calif.
- WAITE, SAMUEL A.** (A'22), Engineer, Sound Department, Twentieth Century-Fox Film Corporation, Beverly Hills, Calif. For mail: 219 N. Palm Dr., Beverly Hills, Calif.
- WALD, DAVID** (A'36), President, Pierce Airo, Inc., 510 Sixth Ave., New York, N.Y.
- WALDO, GEORGE V.** (A'36), Instructor in Physics, Alabama Polytechnic Institute, Auburn, Ala. For mail: 452 W. Magnolia Ave., Auburn, Ala.
- WALKER, CHESTER L.** (A'36), Radio Engineer, United American Bosch Corporation, 3664 Main St., Springfield, Mass. For mail: 64 Federal St., Springfield, Mass.
- WALKER, GEORGE D.** (A'36), Lecturer, Mathematics and Radio Communication, Witwatersrand Technical College, Eloff St., Johannesburg, South Africa. For mail: 7 Kerry Rd., Parkview, Johannesburg, South Africa.
- WALKER, GEORGE S. D.** (A'31), Wireless

WAL-WAT

- Operator, British Wireless Marine Service, Marconi Offices, Electra House, Victoria Embankment, London, W.C. 2, England. For mail: Ballymacuss, Kinsale, Irish Free State.
- WALKER, HAROLD (A'30)**, Research Laboratory, Philadelphia Storage Battery Company, Philadelphia, Pa. For mail: 1343 St. Vincent St., Philadelphia, Pa.
- WALKER, NOLAN S. (A'29)**, Chief Engineer, Ohio Broadcasting Company, 319 Tuscarawas St., Canton, Ohio. For mail: East Sparta, Ohio.
- WALKER, ROSS B. (A'36)**, Radio Operator, Radio Section, Ontario Forestry Branch, Toronto, Ont., Canada. For mail: 65 Oxford St., Guelph, Ont., Canada.
- WALKER, THOMAS H. (A'34)**, Transformer Designer, Foster Engineering Company, Apex Works, South Wimbledon, London, S.W. 19, England. For mail: 73 Daybrook Rd., Merton Park, London, S.W. 19, England.
- WALKER, VERL G. (A'31)**, Owner, Verle G. Walker, 205 W. Jackson St., Medford, Ore.
- WALL, LEAVELL D. (A'27)**, Carrier Attendant, Toll Department, Southwestern Bell Telephone Company, Auditorium Circle, San Antonio, Tex. For mail: 1531 Schley Ave., San Antonio, Tex.
- WALLACE, ALEXANDER T. (A'23)**, 75 The Mall, Southgate, London, N. 14, England.
- WALLACE, DONALD C. (A'25)**, Manufacturers Representative, 4214 Country Club Dr., Long Beach, Calif.
- WALLACE, GEORGE A. (A'29)**, Associate Professor of Electrical Engineering, McGill University, Montreal, Que., Canada.
- WALLACE, GORDON S. (A'17)**, Toll Supervisor, New England Telephone and Telegraph Company, Rm. 708, 125 Milk St., Boston, Mass. For mail: 15 Bethwell Rd., Brighton 35, Mass.
- WALLACE, H. E. (A'36)**, Route 4, Burlington, N.C.
- WALLACE, JAMES D. (A'29)**, Assistant Physicist, Radio Division, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- WALLACE, JAMES W. (A'32)**, Chief Engineer, Puget Sound Broadcasting Company, Inc., Rust Bldg., Tacoma, Wash. For mail: 3008 N. 22nd, Tacoma, Wash.
- WALLACE, JOHN T. (A'36)**, Field Engineer, RCA Manufacturing Company, Inc., 111 N. Canal, Chicago, Ill. For mail: 4705 N. Artesian Ave., Chicago, Ill.
- WALLACE, MARCEL (A'30-M'33)**, Consulting Engineer, Etablissements, Audiola 5, 7 Rue Ordener, Paris, 18^e, France.
- WALLACE, P. H. (A'30)**, Electrical Engineer, Kingman Electrical Service, Box 451, Kingman, Ariz.
- WALLACE, ROBERT M. (A'34)**, Chief Engineer, WSPA, Spartanburg, S.C.
- WALLER, JAMES L., JR. (S'36)**, Meter Department, Oklahoma Gas and Electric Company, Shawnee, Okla. For mail: 414 N. Market St., Shawnee, Okla.
- WALLIS, CYRIL T. (A'36)**, Engineering Department, Delco Appliance Corporation, Lyell Ave., Rochester, N.Y. For mail: 110 Wildmere Rd., Rochester, N.Y.
- WALLS, HOY J. (M'36)**, Radio Engineer, U. S. Department of Labor, Washington, D.C. For mail: 6503 Georgia St., Chevy Chase, Md.
- WALMSLEY, THOMAS (M'26)**, Assistant Staff Engineer, British Post Office Engineering Department, Armour House, Aldersgate St., London, E.C. 1, England.
- WALTER, HERMAN J. (A'35)**, 750 Whitmore Rd., Detroit, Mich.
- WALTER, JOHN C. (A'30-M'35)**, Engineer, Transmitter Section, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 214 Morgan Ave., Collingswood, N.J.
- WALTON, ERNEST T. S. (A'34)**, Fellow, Trinity College, Dublin, Irish Free State.
- WALZ, RICHARD F. (A'36)**, Chief Engineer, Transmitter Equipment Manufacturing Company, Inc., 130 Cedar St., New York, N.Y. For mail: 1116 Putnam Ave., Plainfield, N.J.
- WANG, PAO HO (A'34)**, Engineer, Shanghai Telegraph Office, Shanghai, China.
- WANG, TSCHAU-JEN (A'33)**, Dean, Military School for Communications, For mail: Fu-hou-kang 58, Nanking, China.
- WANG, TWEN-SHANG (A'35)**, Engineer, China Radio Corporation, 345 Rue de Zikawei, Shanghai, China. For mail: 190-9 Yen-ping Rd., Shanghai, China.
- WANG, WEI YUAN (S'36)**, Student, Chiao-Tung University, Shanghai, China.
- WANNAMAHER, WILLIAM H., JR. (A'36)**, Standards Laboratory Assistant, Philadelphia Storage Battery Company, Ontario and C Sts., Philadelphia, Pa. For mail: 437 W. School La., Germantown, Philadelphia, Pa.
- WARD, G. PEARSON (A'36)**, 322 S. Jefferson, Springfield, Mo.
- WARD, ZANGWILL (A'30)**, Director, Sian Broadcasting Station, Sian, China, Radio Engineer, Central Broadcasting Administration, Sian, China.
- WARDELL, WILLIAM L. C. (A'32)**, Technical Employee, American Telephone and Telegraph Company, 819 Telephone Bldg., 1010 Pine St., St. Louis, Mo.
- WARDLE, PAUL G. (A'31)**, Designer, Electric and Musical Industries, Ltd., Hayes, Middx., England. For mail: 17 Mortimer Rd., London, W. 13, England.
- WARDLOW, CHARLES A. (A'36)**, Proprietor, Wardlow Electric Service, 459 Atlantic Ave., Freeport, L.I., N.Y. For mail: Box 12, Freeport, L.I., N.Y.
- WARE, PAUL (A'17)**, Engineer, P. R. Mallory and Company, Indianapolis, Ind. For mail: Spink Arms Hotel, Indianapolis, Ind.
- WAREING, HERBERT F. (A'22-M'31)**, Radio Engineer, City of Milwaukee, Police Department, Radio Bureau, 1747 N. 12th St., Milwaukee, Wis. For mail: 4547 N. 21st St., Milwaukee, Wis.
- WARIN, MAURICE P. (A'34)**, Chief Engineer, Etablissement Grammont Lampes Radiofotes, 160 Route d'Heyrieux, Lyon, France. For mail: 8 Place Aristide Briand, Lyon, France.
- WARING, JOHN T. (A'35)**, Wright Products Company, Inc., 476 Broadway, New York, N.Y. For mail: 1514 Benson St., Bronx, N.Y.
- WARNE, VEARN J. (A'36)**, Wholesale Radio Parts Salesman, Radio Television Supply Company, 1701 S. Grand Ave., Los Angeles, Calif. For mail: 3700 Meier St., Venice, Calif.
- WARNER, HENRY J. (M'28)**, Technical Officer, Air Ministry, Royal Aircraft Establishment, Farnborough, Hants., England. For mail: "Ruhtra," Elm Grove Rd., S. Farnborough, Hants., England.
- WARNER, JOHN C. (A'19-M'26-F'33)**, Vice President in Charge of RCA Radiotron Division, RCA Manufacturing Company, Inc., Harrison, N.J.
- WARNER, KENNETH B. (A'18-M'22-F'36)**, Managing Secretary and Editor, American Radio Relay League, 38 LaSalle Rd., West Hartford, Conn. For mail: 282 Fern St., West Hartford, Conn.
- WARNER, SYDNEY E. (A'30)**, Chief Engineer, WIXBS, *Waterbury Republican and American*, Waterbury, Conn. For mail: Box 208, Waterbury, Conn.
- WARRINER, CHARLES H. (J'33-A'36)**, Engineering Department, Columbia Broadcasting System, Wrigley Bldg., Chicago, Ill.
- WARSHAW, JULIUS (S'35)**, Development Engineer, Brush Development Company, E. 40th and Perkins Sts., Cleveland, Ohio. For mail: 2680 Noble Rd., Cleveland Heights, Ohio.
- WATANABE, TOSHIJI (A'32)**, Kawanishi Kakai Seisakusho, Ltd., 5, 1-chome, Nada-

- yama-Dori, Hayashidaku, Kobe, Japan.
- WATERMAN, FRANK N.** (A'12-M'15), St. Paul Bldg., 220 Broadway, New York, N.Y.
- WATERMAN, WILLIAM** (A'31), Radio Engineer, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J. For mail: 25 Crestmont Ter., Collingswood, N.J.
- WATERS, JAMES S.** (A'28), Assistant Professor of Electrical Engineering, Rice Institute, Houston, Tex.
- WATKINS, EDWARD K. C.** (A'34), Employee, Sun Newspapers, Ltd., Christchurch, New Zealand. For mail: 174 Baker St., New Brighton, Christchurch, New Zealand.
- WATKINS, JAMES O.** (A'36), Station Manager, Mackay Radio and Telegraph Company, R.F.D. 2, Box 157, Half Moon Bay, Calif.
- WATSON, GEORGE H.** (A'19), Sales Technician, The Gramophone Company, Ltd., 108 Clerkenwell Rd., London, E.C. 1, England. For mail: 6 Bridgeway, Hillingdon, Uxbridge, Middx., England.
- WATSON, HERBERT M.** (A'31), Technical Representative, C. R. Alexander, 1119 Macdonald Ave., Richmond, Calif. For mail: 3622 Clinton Ave., Richmond, Calif.
- WATSON, JAMES E.** (A'36), 57 Sherwood Ave., Toronto, Ont., Canada.
- WATSON, PAUL E.** (A'28), Chief Radio Engineer, Signal Corps Laboratories, Fort Monmouth, N.J. For mail: 1040 Norwood Ave., Elberon, N.J.
- WATSON, RICHARD D.** (A'32), Inspector, Radio Research Company, Ninth and Kearny Sts., N.E., Washington, D.C. For mail: 3342 Eighteenth St., N.W., Washington, D.C.
- WATTS, D. E.** (A'27), Radio Development, General Electric Company, Bldg. 89, Schenectady, N.Y.
- WATTSON, HARRY B.** (A'29), Research Engineer, Rangertone, Inc., 201 Verona Ave., Newark, N.J. For mail: Rutherford, N.J.
- WAUD, EUGENE C.** (A'28), Engineer, New York Fire Insurance Rating Organization, Buffalo Division, 840 Marine Trust Bldg., Buffalo, N.Y. For mail: 235 Huntington Ave., Buffalo, N.Y.
- WAXLER, BEN** (A'36), Chief Engineer, David Bogen Company, 626 Broadway, New York, N.Y. For mail: 1643 Clay Ave., Bronx, N.Y.
- WAYLAND, RUSSELL J.** (A'36), Chief Radioman, U.S.S. *Waters 115*, San Diego, Calif.
- WEALE, DERRICK A.** (A'36), Assistant, Engineering Department, Royal Borough of Kensington, Town Hall, Kensington, London, W. 8, England. For mail: 6 Chestlton Rd., Fulham, London, S.W. 6, England.
- WEAVER, CHARLES H.** (S'35), Graduate Student Engineer, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. For mail: 901 Hill Ave., Wilkinsburg, Pa.
- WEAVER, CHESTER E.** (A'30), Department of Water and Power, City of Los Angeles, Calif. For mail: 1518 S. Van Ness Ave., Los Angeles, Calif.
- WEAVER, WILLIS N.** (A'32), Radio Engineer, York Broadcasting Company, 13 S. Beaver St., York, Pa. For mail: R. D. 1, York, Pa.
- WEBB, A. LEONARD C.** (A'32), Managing Director, Rola Company Party, Ltd., 81 City Rd., South Melbourne, S.C. 4, Australia.
- WEBB, CHARLES B. N.** (A'33), Radio Operator, International Marine Radio Company, Ltd., Connaught House, Aldwych, London, W.C. 2, England. For mail: 8 Aycliffe Rd., Shepherds Bush, London, W. 12, England.
- WEBB, J. S.** (A'17), Associate Professor, Department of Radio Engineering, University of Minnesota, Minneapolis, Minn. For mail: 520 Thurston Ave., Ithaca, N. Y.
- WEBB, JAMES H.** (A'27), Principal, British School of Telegraphy, Ltd., British Radio Engineering College, 179 Clapham Rd., London, S.W. 9, England.
- WEBB, WILBUR L.** (A'35), Radio Engineer, Radio Research Company, Kearney and Ninth Sts., N.E., Washington, D.C. For mail: 625 Cecil Ave., Riverdale, Md.
- WEBBER, FREDERICK G.** (A'36), Production Engineer, F. W. Sickles Company, 300 Main St., Springfield, Mass. For mail: 151 Dartmouth St., Holyoke, Mass.
- WEBER, LUTHER J.** (A'36), Communication Engineer, Meissner Manufacturing Company, Mount Carmel, Ill. For mail: 222 E. Eighth St., Mount Carmel, Ill.
- WEBER, RENNIE I.** (A'28), Radio Engineer, Zenith Radio Corporation, 3640 Iron St., Chicago, Ill. For mail: 2738 N. Moody Ave., Chicago, Ill.
- WEBSTER, EDWARD M.** (A'30), Principal Engineer, Federal Communications Commission, Rm. 5319, New Post Office Bldg., Washington, D.C.
- WEBSTER, HUGH C.** (A'35), Lecturer in Biophysics, Physics Department, University of Queensland, Brisbane, Queensland, Australia.
- WEBSTER, ROBERT** (A'31), Launt House, Carlton Rd., Worksop, Notts., England.
- WEBSTER, WARREN G.** (A'35), Engineer-in-Charge of Tests, General Radio Company, 30 State St., Cambridge, Mass.
- WECKEL, WILSON E.** (A'36), 2118 Tuscarawas St.; W., Canton, Ohio.
- WEDIG, FRANK L., JR.** (A'36), Operator, Measurement Booth, Engineering Department, Crosley Radio Corporation, 1329 Arlington St., Cincinnati, Ohio. For mail: 1769 Dale Rd., Cincinnati, Ohio.
- WEEKS, PAUL T.** (A'19-M'28), 31 Edmunds Rd., Wellesley Hills, Mass.
- WEESE, RODOLPH** (A'30-M'31), Managing Director, Quadrant Carbon and Metal Products, Ltd., Cumberland Rd., Stanmor, Middx., London, England.
- WEIBLE, NORMAN R.** (A'30), Radioman, American Telephone and Telegraph Company, Ocean Gate, N.J. For mail: 120 Frazer Ave., Collingswood, N.J.
- WEIBLER, CARLETON T.** (A'29), Chief Engineer, Speaker Division, Operadio Manufacturing Company, N. 11th Ave. and Cedar St., St. Charles, Ill. For mail: 410 S. Seventh St., St. Charles, Ill.
- WEIGEL, RICHARD C.** (A'27), Manager, Radio Department, Stough and Lucas, 141 W. Market St., York, Pa. For mail: 308 Carlisle Ave., York, Pa.
- WEIL, WILLIAM S., JR.** (S'36), Student, Lehigh University, Bethlehem, Pa. For mail: 6814 McCallum St., Philadelphia, Pa.
- WEILAND, CHRISTIAN F. VAN L.** (A'29), Associate Editor, Engineering Index, Inc., 33 W. 39th St., New York, N.Y. For mail: 260 Seaman Ave., New York, N.Y.
- WEINBERG, SIDNEY** (A'36), Engineer in Charge of Production, United Scientific Laboratories, 510 Sixth Ave., New York, N.Y. For mail: 24 Bay 31st St., Brooklyn, N.Y.
- WEINBERGER, JULIUS** (A'13-F'25), Economist, Radio Corporation of America, License Division Laboratory, 711 Fifth Ave., New York, N.Y. For mail: 19 Central Dr., Bronxville, N.Y.
- WEINER, MAX J.** (A'31), Chief Engineer, WNEW, 501 Madison Ave., New York, N.Y. For mail: 466 Windsor Rd., Wood-Ridge, N.J.
- WEINSTEIN, DAVID D.** (J'36), Salesman, Radio Department, Southwest Radio, 1708 W. 63rd St., Chicago, Ill. For mail: 5230 Drexel Ave., Chicago, Ill.
- WEIR, IRVIN R.** (A'25), Radio Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: Box 464, Schenectady, N.Y.
- WEISE, RICHARD C.** (A'31), Radio Operator, Pennsylvania Shipping Company, 260

WEI-WHE

- S. Broad St., Philadelphia, Pa. For mail: 835 N. Newkirk St., Philadelphia, Pa.
- WEISS, HOWARD M.** (S'36), Student, Case School of Applied Science, Cleveland, Ohio. For mail: 2752 Hampshire Rd., Cleveland Heights, Ohio.
- WEISSMANTEL, FRED A.** (A'33), Radio Operator, KOU, Southern California Telephone Company, 433 S. Olive St., Los Angeles, Calif. For mail: 2644 Live Oak St., Walnut Park, Calif.
- WELDON, JAMES O.** (A'26), Chief Engineer, XEAW-XERA, Del Rio, Tex. For mail: Box 707, Del Rio, Tex.
- WELKER, J. WILLARD** (S'32-A'35), Welker Radio Service, 29 Beverly Pl., Dayton, Ohio.
- WELLENDORF, JOSEPH J.** (A'36), Maintenance and Construction, Fest Equipment, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 32 W. Sixth St., Emporium, Pa.
- WELER, DONALD A.** (A'35), Chief Engineer, WISN, Hearst Radio, Inc., 123 W. Michigan St., Milwaukee, Wis. For mail: 709 E. Juneau Ave., Milwaukee, Wis.
- WELLER, WILLIAM C.** (A'35), Chief Engineer, WPDH, Police Radio Department, 2 S.W. 11th St., Richmond, Ind. For mail: 226 N.W. Fifth St., Richmond, Ind.
- WELLS, HARRY W.** (A'36-M'36), Radio Engineer, Scientific Observer, Department of Terrestrial Magnetism, Carnegie Institution, of Washington, 5241 Broad Branch Rd., N.W., Washington, D.C.
- WELLS, JOHN M.** (A'26), Vice President in Charge of Research, American Optical Company, Southbridge, Mass.
- WELLS, LAWRENCE V.** (A'29), Owner, Radio Service Company, 308 S. Capitol Ave., Lansing, Mich. For mail: 325 Smith Ave., Lansing, Mich.
- WELLS, MARTIN M.** (A'36), Radio Engineer, Crosley Radio Corporation, Arlington St., Cincinnati, Ohio. For mail: 1304 Hill Ave., Mount Healthy, Cincinnati, Ohio.
- WELLS, W. BRUCE** (A'28), Bureau of Engineering, Rm. 2305, Navy Department, Washington, D.C.
- WELLS, WILFRID E.** (A'36), Principal, Universal School of Telegraphy, 97a, Renshaw St., Liverpool, Lancs., England.
- WELLS, WILFRID J. M.** (A'36), Research Engineer, Marconi Wireless Telegraph Company, Ltd., Chelmsford, Essex, England. For mail: 10 Highfield Rd., Chelmsford, Essex, England.
- WELLS, WILLIAM J.** (A'36), Engineer, Jackson Distributing Company, 1122 W. Jackson Blvd., Chicago, Ill. For mail: 401 Lodge La., Lombard, Ill.
- WELSH, FRED E.** (A'29), Advertising Designer, 44 Fenway, Boston, Mass.
- WELSH, ROBERT R.** (A'30), Chief Engineer, RCA Victor Company, Ltd., of Canada, Montreal, Que., Canada.
- WELSH, WILLIAM T.** (A'36), Tube Development Engineer, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 513 Wood St., Emporium, Pa.
- WELSHER, CARL E.** (A'26), Service Inspector, Electrical Research Products, Inc., 250 W. 57th St., New York, N.Y. For mail: 632 William St., Meadville, Pa.
- WENDELL, EDWARD N.** (A'26-M'33), Radio Development Engineer, Les Laboratoires L.M.T., Avenue Breteuil 46, Paris VII^e, France.
- WENDROW, RAPHAEL** (A'36), Radio Mechanic, 88 Eloff St., Johannesburg, South Africa. For mail: 14 Paul Nel St., Hillbrow, Johannesburg, South Africa.
- WENDT, KARL R.** (A'36), Research Department, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J.
- WERNER, GEORGE H.** (A'36), Service Manager, Serlin Stores Corporation, 1419 Broadway, Detroit, Mich. For mail: 1285 Rade-macher Ave., Detroit, Mich.
- WERNER, WILLIAM K.** (S'36), Student, California Institute of Technology, Pasadena, Calif. For mail: 3113 Broadway, Huntington Park, Calif.
- WERSEN, DAVID T.** (A'36), Radio Instructor, National Schools, 4006 S. Figueroa St., Los Angeles, Calif. For mail: 4226 S. Figueroa St., Los Angeles, Calif.
- WERTHEIMER, SAMUEL M.** (A'35), Design Engineer, Birnbach Radio Company, Inc., 145 Hudson St., New York, N.Y.
- WERTLI, ALFRED** (A'35), Engineer, Brown Boveri Company, Baden, Switzerland. For mail: Nidelbadstrasse 25, Zurich 2, Switzerland.
- WESSELMAN, EUGENE** (A'27), Engineer, Stewart-Warner Corporation, 1826 Diversey Pkwy., Chicago, Ill.
- WEST, GLENN E.** (M'29), Chief Radio Engineer, State of Illinois, Bureau of State Police, Capitol Bldg., Springfield, Ill. For mail: 2056 S. State St., Springfield, Ill.
- WEST, HERBERT L.** (A'36), 3645 N. Fifth St., Philadelphia, Pa.
- WEST LLOYD E.** (A'27-M'37), Engineer, Tube Application Section, Hygrade Sylvania Corporation, Emporium, Pa. For mail: 228 W. Allegheny Ave., Emporium, Pa.
- WEST, WILLIAM H.** (J'23-A'26-M'32), Vice President, WTMV, Mississippi Valley Broadcasting Company, Inc., Broadview Hotel, East St. Louis, Ill.
- WEST, WILLIAM P.** (A'36), Engineer, in Charge of Electrical Communications, Franklin Institute, 20th and Parkway, Philadelphia, Pa. For mail: 522 Arbutus St., Mt. Airy, Philadelphia, Pa.
- WESTMAN, HAROLD P.** (J'24-A'25-M'30), Secretary, Institute of Radio Engineers, Inc., 330 W. 42nd St., New York, N.Y. For mail: 105 Chestnut St., Hempstead Gardens, L.I., N.Y.
- WESTON, FRANCIS B.** (J'30-A'31), Draftsman, General Electric Company, Boston Ave., Bridgeport, Conn. For mail: 527 William St., Bridgeport, Conn.
- WESTON, JOHN L.** (A'26), Hancock, N.H.
- WESTON, LAWRENCE B.** (A'36), Chief Engineer, KFOX, Nichols and Warinner, Inc., 220 E. Anaheim St., Long Beach, Calif. For mail: 211 Belmont Ave., Long Beach, Calif.
- WETH, MAX** (A'35), Director, Tubes Department, Osram K.G., Sickingenstr 71, Berlin N.W. 87, Germany.
- WEY, RAYMOND J.** (A'36), Research Engineer, Research Laboratory, Electroflo Meters Company, Ltd., Park Royal, London, N.W. 10, England. For mail: 66 Elers Rd., Ealing, London, W. 13, England.
- WHALE, GORDON S.** (A'36), Principal and Proprietor, Wireless College, Colwyn Bay, North Wales.
- WHANNEL, RAYMOND L.** (A'27), 1544 W. Cook St., Springfield, Ill.
- WHEELER, CARSON M.** (A'28), Engineer, Federal Telegraph Company, 200 Mount Pleasant Ave., Newark, N.J. For mail: 25 Valley Rd., Mountain Lakes, N.J.
- WHEELER, CHARLES H. J.** (A'30), Engineer-in-Charge British Broadcasting Corporation, Moorside Edge Transmitting Station, Slaithwaite, Nr. Huddersfield, Yorks., England.
- WHEELER, E. F.** (A'27), Engineer-in-Charge, British Broadcasting Corporation, Droitwich Transmitting Station, Nr. Droitwich, Worcs., England.
- WHEELER, FREDERICK** (J'29-A'35), Engineer, WKY, Oklahoma City, Okla. For mail: 2108 N. Bitten, Oklahoma City, Okla.
- WHEELER, HAROLD A.** (A'27-M'28-F'35), Radio Engineer, Hazeltine Service Corporation, 209-71-26th Ave., Bayside, L.I., N.Y. For mail: 18 Melbourne Rd., Great Neck, L.I., N.Y.

- WHEELER, HARVEY T. (J'27-A'29), Technical Supervisor, KPRC, Houston Post, Polk and Dowling Sts., Houston, Tex. For mail: 628 Harvard St., Houston, Tex.
- WHEELER, LYNDE P. (F'28), Chief, Technical Information Section, Federal Communications Commission, Washington, D.C.
- WHELAN, DOW O. (M'36), Proprietor, Dowca Engineering Service, 107 Watchung Ave., Plainfield, N.J.
- WHISTLER, JOHN P. (A'32), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- WHITE, CHARLES F. (S'35), Draftsman, U. S. Department of Interior, Bureau of Reclamation, Friant, Calif. For mail: 3026 Belmont Ave., Fresno, Calif.
- WHITE, CLARENCE J., JR. (A'32), Chief Engineer, Callaway Mills, LaGrange, Ga. For mail: 520 Park Ave., LaGrange, Ga.
- WHITE, DANIEL B. (A'36), First Lieutenant, U. S. Air Corps, Wright Field, Dayton, Ohio.
- WHITE, EDWIN L. (A'24-M'31), Senior Radio Engineer, Federal Communications Commission, Washington, D.C. For mail: 6804 Meadow La., Chevy Chase, Md.
- WHITE, FREDERICK E., JR. (A'36), Student, College of the City of New York, New York, N.Y. For mail: Apt. 6D, 445 W. 153rd St., New York, N.Y.
- WHITE, HUGH D. (A'32), Owner, Wireless and Electrical Stores, 107 Harwoods Rd., Watford, Herts., England.
- WHITE, JAMES D., JR. (J'34-A'35), Assistant Manager, Design and Production Department, Audio Equipment and Manufacturing Company, Box 1195, Tampa, Fla. For mail: 6760 Elizabeth Ave., Tampa, Fla.
- WHITE, NATHANIEL (A'36), Assistant Radio Engineer, War Department, Munitions Bldg., Washington, D.C. For mail: 711-19th St., N.W., Washington, D.C.
- WHITE, RAY H. (A'36), 1614 Lincoln Ave., Alameda, Calif.
- WHITE, ROBERT F. (A'30), Radio Operator, Globe Wireless, Ltd., 29 Broadway, New York, N.Y. For mail: Globe Wireless, Box 382, Garden City, L.I., N.Y.
- WHITE, ROBERT L. (S'36), Student, Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn, N.Y. For mail: 77 Linden Blvd., Brooklyn, N.Y.
- WHITE, S. YOUNG (M'36), Circuit Design, 24-02-40th Ave., Long Island City, L.I., N.Y. N.Y.
- WHITE, W. RALPH (A'35), Vice President, Pan American Radio, Inc., 1809 N.E. Second Ave., Miami, Fla.
- WHITE, WILLIAM C. (A'15-M'25), Engineer, Vacuum Tube Engineering Department, General Electric Company, 1 River Rd., Schenectady, N.Y.
- WHITEHEAD, EDWARD D. (A'35), Engineering Department, Pye Radio, Ltd., Radio Works, Cambridge, England.
- WHITEHEAD, JESSE C. (A'25), Radio Engineer, Hammarlund Manufacturing Company, 424 W. 33rd St., New York, N.Y. For mail: Apt. 3A, 1006 Caton Ave., Brooklyn, N.Y.
- WHITEHOUSE, JOSEPH E. (A'25), Resident Engineer, Stations WLW-WSAI, Crosley Broadcasting Stations, Mason, Ohio.
- WHITELOCK, LELAND D. (A'30), Research Engineering, Research Department, Union Switch and Signal Company, Swissvale, Pa.
- WHITLOCK, FRED W. (A'36), Research Physicist, Western Cartridge Company, East Alto, Ill. For mail: 709 W. Elk St., Freeport, Ill.
- WHITMAN, VERNON E. (A'31), Radio Engineer, Hazeltine Service Corporation, 209-71-26th Ave., Bayside, L.I., N.Y.
- WHITMER, ROBERT M. (A'29), Department of Physics, University of Michigan, Ann Arbor, Mich.
- WHITNEY, ALEXANDER (A'32), Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 6829 N. Ninth St., Philadelphia, Pa.
- WHITEMORE, LAURENS E. (A'16-M'25-F'27), Special Radio Representative, American Telephone and Telegraph Company, 195 Broadway, New York, N.Y.
- WHITEN, SYLVESTER (A'31), Engineer, Pacific Telephone and Telegraph Company, 140 New Montgomery St., San Francisco, Calif.
- WHITTIER, ELLERTON W. (A'18), Department Head, The Foxboro Company, Foxboro, Mass. For mail: 38 Marion Ave., Norwood, Mass.
- WHITTON, RAYMOND H. (A'35), Engineer, Engineering Department, Amalgamated Wireless Australasia, Ltd., 554 Parramatta Rd., Ashfield, Sydney, N.S.W., Australia. For mail: 189 Connells Pt. Rd., Hurstville, Sydney, N.S.W., Australia.
- WICKERSHEIM, LYLE W. (A'19), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 11 Buttonwood Rd., Essex Falls, N.J.
- WICKIZER, GILBERT S. (A'28), Radio Engineer, RCA Communications, Inc., 140 Moriches Rd., Riverhead, L.I., N.Y. For mail: 131 Brook St., Riverhead, L.I., N.Y.
- WICKS, FRANK W. (A'19), Chief Instructor, British School of Telegraphy, 179 Clapham Rd., London, S.W. 9, England. For mail: 13 Cambridge Rd., Bromley, Kent, England.
- WIDELL, E. GIDEON (M'26), Research Chemist, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- WIESNER, JEROME B. (S'36), Student, University of Michigan, Ann Arbor, Mich. For mail: 4710 Greenfield Ave., Dearborn, Mich.
- WIGGINS WALLACE S. (A'31), Chief Engineer, Radio Station KVOE, Santa Ana, Calif. For mail: 1847 S. Norwalk Blvd., Whittier, Calif.
- WILBUR, DONALD A. (A'36), Assistant Professor, Department of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N.Y.
- WILBUR, EDWIN C. (A'26), Field Engineer, National Broadcasting Company, 30 Rockefeller Plaza, New York, N.Y. For mail: 17 Purcell St., West New Brighton, S.I., N.Y.
- WILBY, EDWARD W. (A'33), RCA License Laboratory, 711 Fifth Ave., New York, N.Y. For mail: 220 Demorest Ave., West New Brighton, S.I., N.Y.
- WILCOX, BROCK B. (A'36), Transmission Engineer, Bell Telephone Company of Canada, 1205 Beaver Hall Bldg., Montreal, Que., Canada. For mail: 4515 Mayfair Ave., Montreal, Que., Canada.
- WILCOX, G. M. (M'21), Professor of Physics, Armour Institute of Technology, 33rd and Federal Sts., Chicago, Ill. For mail: 5225 Ingleside Ave., Chicago, Ill.
- WILCOX, JAY V. (A'31), President, Wilcox Electric Company, 1014 W. 37th St., Kansas City, Mo.
- WILD, SIDNEY J. (A'36), Field Engineer, RCA Manufacturing Company, Inc., Camden, N.J. For mail: 545 Valle Vista Ave., Oakland, Calif.
- WILD, W. HERBERT (A'36), Radio Service Engineer, c/o Polliack and Company, Ltd., Box 1185, Pretoria, South Africa.
- WILDER, MARSHALL P. (A'28), Engineer, National Union Radio Tubes, State St., Newark, N.J. For mail: 55 Kendall St., Maplewood, N.J.
- WILDES, KARL L. (A'24), Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass.

WIL-WIL

- WILEY, JOSEPH L. G. (A'36), Final Vibrator Inspector, P. R. Mallory and Company, Inc., 3029 E. Washington St., Indianapolis, Ind. For mail: 4414 E. New York St., Indianapolis, Ind.
- WILKENS, BERNARD T. (A'36), Chief Engineer, WKBN Broadcasting Corporation, 17 N. Champion St., Youngstown, Ohio.
- WILKENS, WILLIAM B. (A'36), Radio Engineer, Hazeltine Service Corporation, 210th St. and 26th Ave., Bayside, L.I., N.Y. For mail: 61-40 Saunders St., Rego Park, L.I., N.Y.
- WILKIE, HARRY (A'29), Assistant Radio Engineer, U. S. Army Signal Corps, Aircraft Radio Laboratory, Wright Field, Dayton, Ohio.
- WILKINS, ARNOLD F. (A'30), Research Engineer, Air Ministry, Bawdsey Research Station, Bawdsey Manor, Woodbridge, Suffolk, England.
- WILKINSON, ALLAN E. (A'36), Telephone Engineer, Bell Telephone Company of Canada, 76 Adelaide St. W., Toronto, Ont., Canada. For mail: 53 Triller Ave., Toronto, Ont., Canada.
- WILKINSON, LYMAN G. (A'36), Supervisor, Parts Department, Sears, Roebuck and Company, 3913 S. Wentworth Ave., Chicago, Ill. For mail: 300 Blythe Rd., Riverside, Ill.
- WILLARD, GERALD W. (A'31), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- WILLIAMS, ALBERT J., JR. (A'30), Development Engineer, Leeds and Northrup Company, 4901 Stenton Ave., Philadelphia, Pa.
- WILLIAMS, CARADOC (A'36), Technical Assistant, British Air Ministry, Royal Aircraft Establishment, Farnborough, Hants., England.
- WILLIAMS, CHARLES E. (J'15-A'17-M'24), Radio Engineer, Puget Sound Navy Yard, Bremerton, Wash. For mail: 2340 Delmar Dr., Seattle, Wash.
- WILLIAMS, CHARLES H. (A'29), Assistant Radio Engineer, U. S. Naval Research Laboratory, Bellevue, Anacostia, D.C.
- WILLIAMS, ELWYN C. (S'36), Student, University of Minnesota, Minneapolis, Minn. For mail: 531 Walnut St., S.E., Minneapolis, Minn.
- WILLIAMS, ERIC S. B. (A'36), President and Chief Engineer, HCRB, Ecuador Broadcasting Company, Casilla 92, Guayaquil, Ecuador.
- WILLIAMS, EVERARD M. (S'36), Student, Yale School of Engineering, New Haven, Conn. For mail: R.R. 1, Wallingford, Conn.
- WILLIAMS, FREDERIC C. (A'36), University Lecturer, Electrotechnics Department, Victoria University, Manchester, England. For mail: The Oaks, Romiley, Cheshire, England.
- WILLIAMS, HIRAM A. (A'33), Engineering Department, Stackpole Carbon Company, St. Marys, Pa.
- WILLIAMS, HOLLIE C. (A'36), Transmission Engineer, Ohio Bell Telephone Company, Rm. 1932, 750 Huron Rd., Cleveland, Ohio.
- WILLIAMS, HOWARD T. (A'35), Inspector, Radiomarine Corporation of America, 75 Varick St., New York, N.Y. For mail: 331-63rd St., Brooklyn, N.Y.
- WILLIAMS, JAMES K. (A'28), Test and Production Supervisor, Stromberg Carlson Telephone Manufacturing Company of Canada, 211 Geary Ave., Toronto, Ont., Canada. For mail: 97 Close Ave., Toronto, Ont., Canada.
- WILLIAMS, LAURENCE P. (A'31-M'33), Electrician in Charge of Construction, Tropical Radio Telegraph Company, 1238 Bartholomew St., New Orleans, La.
- WILLIAMS, N. H. (A'30), Professor of Physics, East Physics Bldg., University of Michigan, Ann Arbor, Mich. For mail: 1020 Olivia Ave., Ann Arbor, Mich.
- WILLIAMS, PAUL A. (A'36), Technician, KYA, Hearst Radio, Inc., Hearst Bldg., Third and Market Sts., San Francisco, Calif. For mail: 716 Masonic Ave., San Francisco, Calif.
- WILLIAMS, RALPH R. (A'31), Radio Service for Tuna Fishing Fleet, Box 351, San Diego, Calif.
- WILLIAMS, ROBERT L. (J'33-A'34), Secretary-Treasurer, Radio Service Engineers, Inc., 107 Seventh St., Lynchburg, Va. For mail: R.R. 2, Box 332, Lynchburg, Va.
- WILLIAMS, ROGER V. (A'32), Lieutenant, U. S. Army, March Field, Riverside, Calif.
- WILLIAMS, WALTER R. (A'36), Radio Testman, General Electric Company, Bldg. 89, Schenectady, N.Y. For mail: 1031 Helderberg Ave., Schenectady, N.Y.
- WILLIAMSON, DONALD E. (A'35), Research Physicist, Physicists Research Company, 337 S. Main, Ann Arbor, Mich.
- WILLIAMSON, JOHN F. (A'35), Treasurer and Engineer, Barker and Williamson, Ardmore, Pa. For mail: 715 Cricket Ave., Ardmore, Pa.
- WILLIAMSON, RAYMOND H. (A'31), Radio Transmitter Engineer, General Electric Company, 1 River Rd., Schenectady, N.Y. For mail: 24 Glen Ave., Scotia, N.Y.
- WILLIS, ELLSWORTH D. (A'26), Radio Instructor, Boys' Vocational School, 400 N. Pennsylvania Ave., Lansing, Mich.
- WILLIS, F. H. (A'26), Bell Telephone Laboratories, Inc., Rm. 634, 463 West St., New York, N.Y.
- WILLIS, FREDERICK C. (A'20), Member of Technical Staff, Electrical Research Products, Inc., 250 W. 57th St., New York, N.Y. For mail: Passaic Ave., R.F.D., West Caldwell, N.J.
- WILLOUGHBY, ERIC O. (A'36), Radio Engineer, Paterson, Symons and Company, Collyer Quay, Singapore, Straits Settlements.
- WILLS, REGINALD J. (A'36), Junior Partner, Wills Brothers, Electrical and Radio Engineers, 25 Lower Bore St., Bodmin, Cornwall, England. For mail: 8 Beacon Hill, Bodmin, Cornwall, England.
- WILLSON, ABNER R. (A'22), Manager, Radio and Refrigerating Department, North Coast Electric Company, Seattle, Wash. For mail: 8055-14th Ave., N.E., Seattle, Wash.
- WILMOTTE, RAYMOND M. (M'29), Consultant, 41 Park Row, New York, N.Y.
- WILSON, C. T. R. (A'24), Assistant Engineer, Marconi Beam Receiving Station, Canadian Marconi Company, Ltd., Yamachiche, Que., Canada.
- WILSON, CHARLES C. (A'36), Electrical Draftsman, Electrical Engineering Department, Newport News Shipbuilding and Dry Dock Company, Washington Ave. at 41st St., Newport News, Va. For mail: 125-33rd St., Newport News, Va.
- WILSON, DAVID M. (A'36), Illinois Bell Telephone Company, 212 W. Washington St., Chicago, Ill. For mail: 1340 E. 48th St., Chicago, Ill.
- WILSON, DONALD B. (A'31), Engineer, Snap-Tite Clamp Company, 110 W. 14th St., New York, N.Y. For mail: 127 W. 96th St., New York, N.Y.
- WILSON, J. HASBROUCK (S'34), Radio Receiver Engineering Section, General Electric Company, Bridgeport, Conn. For mail: 242 Bond St., Bridgeport, Conn.
- WILSON, JAMES C. (A'30), President, Wilson Institutes, Ltd., 863 Bay St., Toronto, Ont., Canada.
- WILSON, JAMES R. (M'31), Vacuum Tube Development Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: Mountain Lakes, N.J.
- WILSON, M. DEAN (A'36-M'37), Radio Tube Engineer, Hygrade Sylvania Corpora-

- tion, Emporium, Pa. For mail: 520 Vine St., Emporium, Pa.
- WILSON, PERCY (A'30), Principal, Board of Education, Whitehall, London, England. For mail: 3 Sheridan Rd., Merton Park, London S.W. 19, England.
- WILSON T. LAMONT (J'35-A'36), Radio Technician, KSL, Radio Service Corporation of Utah, KSL Bldg., Salt Lake City, Utah. For mail: 1199 Laird Ave., Salt Lake City, Utah.
- WILSON, THOMAS J. (A'36), Radio Technician, Fargo Wilson Wells Radio Laboratory, Pocatello, Idaho. For mail: 434 W. Bonneville, Pocatello, Idaho.
- WILSON, WILLIAM (M'26-F'28), Assistant Director of Research, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- WILSON, WILLIAM P. (A'27), Research Engineer, British Broadcasting Corporation, 42 Nightingale Sq., London, S.W. 12, England.
- WILSON, WILLIAM R. (S'33-A'37), Canadian Marconi Company, Factory, Trenton and Canora, Mount Royal, Que., Canada.
- WINANS, PAUL V. (A'31), Receiving Engineer, RCA Communications, Inc., Riverhead, N.Y. For mail: 57 Moriches Rd., Riverhead, N.Y.
- WINCHEL, HENRY T. (A'36), Radio Engineer, Eastern Air Lines, Miami Springs, Fla. For mail: 53 E. 13th St., Hialeah, Fla.
- WINCHELL, ALFRED M. (J'25-A'27), Radio Serviceman, Lewis Ave., Wolcott, Conn. For mail: R.R. 1, Waterbury, Conn.
- WINCHELL, WALTER H. (A'35), Radio Engineer, Audio Research, Inc., 105 E. 16th St., New York, N.Y. For mail: 137 Berkeley Pl., Brooklyn, N.Y.
- WINFIELD, WILLIAM S. (A'34), Development Engineer, Colonial Radio Corporation, 254 Rano St., Buffalo, N.Y. For mail: 715 Woodland Dr., Kenmore, N.Y.
- WINFREE, ROBERT W. (S'36-A'37), Electrical Engineer, Engineering Department, Georgia Power Company, Electric Bldg., Atlanta, Ga. For mail: R.R. 1, Chamblee, Ga.
- WING, ARTHUR K., JR. (J'28-A'30), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 9 Chatham St., Chatham, N.J.
- WINKLER, CHARLES W. (A'32), Chief Engineer, KFAB-KFOR, Central States Broadcasting Company, Ninth and P Sts., Lincoln, Neb. For mail: 3811 J St., Lincoln, Neb.
- WINKLER, MARION R. (A'36), Engineer, General Electric X-ray Corporation, Chicago, Ill. For mail: 417 N. Ridgeland Ave., Oak Park, Ill.
- WINLUND, EDMOND S. (S'34), 105 Seward Pl., Schenectady, N.Y.
- WINNEGAR, WILLIAM A. (A'27), Program and Facsimile Engineer, RCA Communications, Inc., 28 Geary St., San Francisco, Calif. For mail: 3233 Octavia St., San Francisco, Calif.
- WINSLOW, THOMAS P. (A'36), Partner, Winslow Engineering Company, 200 Pennsylvania Ave., Hillside, N.J.
- WINTERBOTTOM, WILLIAM A. (A'15-M'28), Vice-President and General Manager, RCA Communications, Inc., 66 Broad St., New York, N.Y.
- WINTRINGHAM, WILLIAM T. (A'26), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- WIRKLER, WALTER H. (A'36), Engineer, Ottawa Radio Company, Ottawa, Ill. For mail: Box 13, Ottawa, Ill.
- WISE, CLARENCE E. (A'35), Broadcast Station Operator, Radio Stations WOWO and WGL, Fort Wayne, Ind.
- WISE, ROGER M. (A'26-M'30), Chief Engineer, Sylvania Products Company, Emporium, Pa. For mail: 220 Allegany Ave., Emporium, Pa.
- WISE, W. HOWARD (M'32), Engineer, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- WISNER, FRED L. (A'27), Associate Radio Engineer, U. S. Navy, Headquarters, Eleventh Naval District, San Diego, Calif. For mail: 1346-30th St., San Diego, Calif.
- WITKOWSKI, JOSEPH F. (A'23), Principal, School of Telephone, Telegraph, and Radio, International Correspondence Schools, Scranton, Pa.
- WITTLIG, PAUL F. (A'35), Broadcasting Technician, Columbia Broadcasting System, 485 Madison Ave., New York, N.Y. For mail: 470 W. 24th St., New York, N.Y.
- WITTY, ROY (A'34), Junior Engineer, Research Department, Metropolitan Vickers Electrical Company, Ltd., Trafford Park, Manchester, England. For mail: 64 Victoria Rd., Stretford, Manchester, England.
- WITTY, W. M. (A'28), Transmitter Sales, RCA Manufacturing Company, Inc., 2211 Commerce St., Dallas, Tex.
- WOEHLING, JOHN G. (A'34), Engineer, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J. For mail: 87 Roosevelt Ave., East Orange, N.J.
- WOLBERG, LOUIS (S'32-A'35), Student, Rensselaer Polytechnic Institute, Troy, N.Y. For mail: 31 Bogart Ter., Albany, N.Y.
- WOLCOTT, C. FREDERICK (J'26-A'28-M'36), In Charge of Radio Engineering, Noblitt-Sparks Industries, Inc., Columbus, Ind.
- WOLCOTT, WOLFRED E. (A'36), Clerk, G. R. Kinney Company, Inc., Utica, N.Y. For mail: 717 South St., Utica, N.Y.
- WOLF, BENJAMIN (A'13-M'15), Inspector-in-Charge, Federal Communications Commission, Central Monitoring Station, Grand Island, Neb.
- WOLF, BOYD A. (A'36), Technical Engineer, Willamette Radio Service, Box 1, Oakridge, Ore. For mail: Oakridge, Ore.
- WOLF, LESTER J. (A'24), 152 E. Pine St., Audubon, N.J.
- WOLFF, IRVING (A'27), Physicist, RCA Manufacturing Company, Inc., RCA Victor Division, Camden, N.J.
- WOLFF, STANLEY (A'35), 807 Riverside Dr., New York, N.Y.
- WOLK, NOLAN I. (S'36), Engineering Student, College of the City of New York, New York, N.Y. For mail: 321 E. 93rd St., Brooklyn, N.Y.
- WOLL, CHARLES F. (A'36), Process Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 4920 City Ave., Philadelphia, Pa.
- WOO, E. L. (A'35), Radio Engineer, Headquarters of Army, Kwangtung, China. For mail: c/o Mr. Tryphon Ku, *China Weekly Review*, 160 Avenue Edward Seventh, Shanghai, China.
- WOOD, HERBERT B. (A'35), Radio Transmission Engineer, Standard Telephones and Cables, Australasia, Ltd., Botany Rd., Alexandria, Sydney, Australia. For mail: 225 Old South Head Rd., Bondi, N.S.W., Australia.
- WOOD, J. ALBERT, JR. (A'35), Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. For mail: 3 Arlington St., Cambridge, Mass.
- WOOD, RAYMOND A. (A'31), Engineer-in-Charge, RCA Communications, Inc., Box 209, Huntington Beach, Calif.
- WOOD, RUSSELL H. (A'36), 218 Fourth Ave., Greenport, L.I., N.Y.
- WOOD, WILLIAM F. (A'30), Field St., R.R. 1, Naugatuck, Conn.
- WOODCOCK, NORMAN A. (A'14), Manager and Secretary, Huddersfield Mutual Plate Glass Insurance Company, Ltd., 12 Kings Head Bldgs., Huddersfield, England. For mail: 8 Richmond Ave., Huddersfield, England.
- WOODHEAD, HAROLD C. (A'28), Assist-

WOO-YAK

- ant Engineer-in-Charge, Post Office, Oxford Radio Station, Lefield, Oxford, England.
- WOODRUFF, ALBERT E.** (A'26), Physicist, Associated Electric Laboratories, Inc., 1033 W. Van Buren St., Chicago, Ill. For mail: 614 S. Cuyler Ave., Oak Park, Ill.
- WOODRUFF, EUGENE C.** (M'29), Professor of Electric Railways and Radio, Penn State College, State College, Pa. For mail: 234 W. Fairmount Ave., State College, Pa.
- WOODS, ALLEN A.** (A'36), Sales Engineer, Radio Division, Stackpole Carbon Company, St. Marys, Pa. For mail: 643 Roscoe St., Chicago, Ill.
- WOODS, CECIL H.** (A'36), Technical Assistant, Air Ministry, Royal Aircraft, Establishment, Farnborough, Hants., England. For mail: "Quetta," 128, Ship La., Nr. Farnborough, Hants., England.
- WOODS, GORDON** (A'34), Radio and Electrical Engineer, 38 Lyndhurst Ave., Tolworth, Surrey, England.
- WOODS, LESLIE** (M'35), Research Department, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa.
- WOODS, T. DE WITT** (A'29), Operator-Clerk, KGOG, Federal Barge Lines, Str. James W. Good, Foot of N. Market St., St. Louis, Mo. For mail: Box 282, McGregor, Iowa.
- WOODS, WILLIAM A.** (A'30), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y. For mail: 405 W. 23rd St., New York, N.Y.
- WOODWARD, BRUCE J.** (A'26), Radio Service, Burcher's Electrical Store, 513 S. Main St., Honesdale, Pa.
- WOODWARD, CLAUDE** (A'34), Radio Engineer, 2 Wattle Grove, Moreland N. 13, Melbourne, Victoria, Australia.
- WOODWARD, JOHN D.** (A'36), Communications Department, United Air Lines Transport Corporation, 5936 S. Cicero Ave., Chicago, Ill. For mail: United Air Lines Transport Corporation, Municipal Airport, Oakland, Calif.
- WOODWARD, JOHN D.** (A'36), Field Engineering Supervisor, WGAR, Hotel Statler, Cleveland, Ohio.
- WOODWARD, PERCY J.** (M'16), Engineer-in-Charge, Cable and Wireless, Ltd., Beam Wireless Station, Dorchester, Dorset, England.
- WOODWARD, VICTOR M.** (A'28), Radio Operator, Radiomarine Corporation of America, 75 Varick St., New York, N.Y.
- WOODWARD, WILLIAM R.** (S'34-A'36), Student, Harvard Law School, Cambridge, Mass. For mail: Perkins Hall 28, Oxford St., Cambridge, Mass.
- WOODWORTH, FREDERICK B.** (A'29-M'36), Member of Technical Staff, Radio Department, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- WOODYARD, JOHN R.** (S'33-A'35), Box 1290, Stanford University, Calif.
- WOOLDRIDGE, ALLEN C.** (A'30), Transmitter Design Engineer, Philco Radio and Television Corporation, Tioga and C Sts., Philadelphia, Pa. For mail: 3523 Shelmire Ave., Philadelphia, Pa.
- WOOLVERTON, ROBERT B.** (A'13-M'13-F'15), Captain, Signal Corps, U. S. Army, Assistant Signal Officer, Seventh Corps Area, Federal Office Bldg., Omaha, Neb.
- WORCESTER, JOSEPH A., JR.** (A'36), Radio Development Engineer, General Electric Company, Bridgeport, Conn. For mail: Rm. 316, Y.M.C.A., Bridgeport, Conn.
- WOREL, FRANK** (A'27), Chief Toll Testman, Michigan Bell Telephone Company, 323 E. Washington St., Ann Arbor, Mich. For mail: 721 Dewey, Ann Arbor, Mich.
- WORK, HANS R.** (A'36), Managing Director, O/U Radio Elektrotehnika Tehas (RET), Reimanni 9, Tallinn, Estonia.
- WORKMAN, WALTER B.** (A'36), Engineer, WJR, Good Will Station, Inc., 2800 Fisher Bldg., Detroit, Mich. For mail: R.R. 1, Wyandotte, Mich.
- WORRELL, HOWARD S.** (A'26), Engineer, Metallurgical Laboratories, Inc., 1116 W. Montgomery Ave., Philadelphia, Pa.
- WORTHEN, CHARLES E.** (A'28-M'34), Engineer, General Radio Company, 30 State St., Cambridge, Mass.
- WORTLEY-TALBOT, JOHN R.** (A'31), Doctor, Broadlands House, Churston Ferrers, Devon, England.
- WRIGHT, A. J., JR.** (A'36), Radio Service Engineer, Hugo, Okla.
- WRIGHT, ALEXANDER** (A'35), Assistant Maintenance Engineer, British Broadcasting Corporation, London Television Station, Alexandra Palace, London, England. For mail: 62 Bourne View, Greenford, Middx., England.
- WRIGHT, DELMAR** (A'31), Communications Engineer, TWA, Inc., Municipal Airport, Kansas City, Mo. For mail: 11 E. 53rd Ter., Kansas City, Mo.
- WRIGHT, J. WARREN** (A'23), Radio Division, Bureau of Engineering, Navy Department, Washington, D.C.
- WRIGHT, OLIVER** (A'26), Chief Radioman, American Telephone and Telegraph Company, Box D, Lawrenceville, N.J.
- WRIGHT, PAUL B.** (S'34), Transmission Man, American Telephone and Telegraph Company, 56 S. State St., Salt Lake City, Utah. For mail: 1369 Kensington Ave., Salt Lake City, Utah.
- WRIGHT, SUMNER B.** (A'36), Member of Technical Staff, Bell Telephone Laboratories, Inc., 180 Varick St., New York, N.Y.
- WRIGHT, SYDNEY R.** (A'24-M'28), Chief Sales Engineer, Duobler Condenser Company, Ltd., Ducon Works, Victoria Rd., North Acton, London, W. 3, England. For mail: Tummel, Main Ave., Moor Park, Northwood, Middx., England.
- WROCKLOFF, GEORGE F., JR.** (A'35), c/o Xairon University, Cincinnati, Ohio.
- WU, CHING-HUAN** (A'32), Physics Department, National University of Shantung, Tsingtau, China.
- WU, IEU-LIANG** (S'35), Massachusetts Institute of Technology, Cambridge, Mass. For mail: M.I.T. Dormitories, Cambridge, Mass.
- WUERFEL, ROBERT P.** (M'34), Chief Engineer, International Radio, Fourth and Williams Sts., Ann Arbor, Mich.
- WUNDERLICH, GEORGE F.** (A'36), Engineer, Heintz and Kaufman, Ltd., South San Francisco, Calif. For mail: 649 Homer Ave., Palo Alto, Calif.
- WYBRANDS, KAREL R. G. M.** (A'34), Manager, Chief of Technical Department, Laboratoire W. D. Radiotechnique and Electro-mécanique, 28 rue Albouy, Paris 10°, France. For mail: 36 rue aux Fées, Viarmes, S.&O, France.
- WYCKOFF, RALPH D.** (M'29), Geophysicist, Gulf Research and Development Company, Houston, Tex. For mail: Box 2100, Houston, Tex.
- WYLES, DAVID G.** (A'20-M'23), Radio Sales Manager, Philips Lamps, Australasia, Ltd., Philips House, 69-73 Clarence St., Sydney, N.S.W., Australia. For mail: 36 Burra Rd., Artarmon, N.S.W., Australia.
- WYNN, J. CLARENCE** (A'36), Manager, Service Department, Prizer Electrical Company, Pottstown, Pa. For mail: R.R. 1, Spring City, Pa.
- WYNNE, WALTER M.** (A'24), Naval Officer (Retired), 151-68th St., Brooklyn, N.Y.

Y

- YAGI, HIDEITSUGU** (M'16-F'24), Professor of Applied Physics, Faculty of Science, Osaka Imperial University, Osaka, Japan.
- YAKOVLEV, A.** (A'30), Engineer, Allunion Electrical Corporation, Maroseika, Moscow,

- U.S.S.R. For mail: Olginskaja, 12, app. 19, Leningrad 21 (Lesnoi), U.S.S.R.
- YAMAGUCHI, USABURO** (A'28), Radio Engineer, Japan Wireless Telegraph Company, Ltd, Nissin Seimei-kan, 2-2, Otemachi, Tokyo, Japan.
- YAMINS, HYAM G.** (A'35), Engineer, Raytheon Production Corporation, 55 Chapel St., Newton, Mass. For mail: 29 Marlboro St., Newton, Mass.
- YAROSLAWSKI, ADAM B.** (J'36), 246 King St., Preston, Ont., Canada.
- YEH, YUNG CHING** (A'35), 18, Tong Chieng Rd., Nanking, China.
- YERIAN, CARLOS S.** (A'30), Radio Engineer, Radio Transmitting Engineering Department, General Electric Company, 1 River Rd., Schenectady, N.Y.
- YODER, LEO E.** (A'29), Engineer, WCAE, Inc., Pittsburgh, Pa. For mail: 438 Wilcox St., Carnegie, Pa.
- YODER, RAYMOND S.** (A'25), Electrical Engineer, Galvin Manufacturing Corporation, 847 W. Harrison St., Chicago, Ill. For mail: 1549 Schreiber, Chicago, Ill.
- YOKELA, H. E.** (A'36), Receiving Engineer, R.C.A.C., Box 111, Inverness, Calif.
- YOKOYAMA, EITARO** (M'17), Director and Chief Engineer, Japan Wireless Telegraph Company, Nissin Bldg., Kojimachi-ku, Tokyo, Japan. For mail: 1621 Arajiku 2-chome, Ohmori-ku, Tokyo, Japan.
- YOKOYAMA, TETSUMI** (A'28), The Broadcasting Corporation of Japan, Saiwai Bldg., Uchisaiwai-cho, Kojimachi-ku, Tokyo, Japan.
- YOLLES, JACK** (A'29), Associate Radio Engineer, U. S. War Department, Aviation Radio Laboratory, Wright Field, Dayton, Ohio. For mail: 729 Grand Ave., Dayton, Ohio.
- YONEZAWA, SHIGERU** (A'33), Engineer, Radio Section, Direction General of Telegraph and Telephone Engineering, Ministry of Communications, Kojimachi-ku, Tokyo, Japan. For mail: 1140 Nakanobumachi, Ebara-Ku, Tokyo, Japan.
- YOSHIO, IMAMURA** (A'34), Station JOSK, Nippon Hosokyokai, Kokura-Hosokyoku, Kokura, Japan.
- YOSHIOKA, HIDEO** (A'36), Engineer, Tokyo Musen Denki Company, Ltd., Shimomaru-ko, Kamata, Tokyo, Japan. For mail: 15 Isarago, Shiba, Tokyo, Japan.
- YOUNG, ARTHUR J.** (A'36), Radioslavia A.S., Novovpocanska, 1424, Praha-Liben, Czechoslovakia.
- YOUNG, CHARLES J.** (A'35), Radio Development Engineer, RCA Manufacturing Company, Inc., Camden, N.J.
- YOUNG, CHARLES S.** (A'29), Inductive Co-Ordination Engineer, Pennsylvania Power and Light Company, Allentown, Pa. For mail: 204 S. Fulton St., Allentown, Pa.
- YOUNG, DANA A.** (A'30), Serviceman, 914 Ellsworth Ave., Columbus, Ohio.
- YOUNG, JOHN L. H.** (A'34), Exchange Engineer, Southern Bell Telegraph and Telephone Company, 820 Poydras St., New Orleans, La.
- YOUNG, JOHN W.** (A'36), Radio Engineer, Bureau of Engineering, U. S. Navy, Box M, Balboa, Canal Zone. For mail: Box 35, Balboa, Canal Zone.
- YOUNG, KENNETH A.** (A'36), Assistant Engineer, Hughes Brothers Manufacturing Company, Seward, Neb. For mail: 411 N. Third St., Seward, Neb.
- YOUNG, LEO C.** (A'19-M'29), Radio Engineer, Naval Research Laboratory, Bellevue, Anacostia, D.C. For mail: 12 Grove St., Hyattsville, Md.
- YOUNG, OWEN D.** (M'22-F'28), Chairman of the Board, General Electric Company, 570 Lexington Ave., New York, N.Y.
- YOUNG, SUMNER B.** (J'16-A'19), Partner, Prendergast, Flannery, and Young, 705 First National-Soo Line Bldg., Minneapolis, Minn.
- YOUNGSTROM, NELS C.** (A'26), Member of Technical Staff, Bell Telephone Laboratories, Inc., 463 West St., New York, N.Y.
- YUNKER, EDWIN A.** (A'36), Assistant Professor of Physics, Oregon State College, Corvallis, Ore.
- YURT, F. X.** (A'30), Proprietor, Supreme Radio Shop, 543 Washington St., Brighton, Mass. For mail: 93 Goodnough St., Brighton, Mass.

Z

- ZÁČEK, AUGUST** (M'29), Director of Institute of Experimental Physics, Charles' University, Prague II., U Karlova 5, Czechoslovakia.
- ZANDONINI, ELIZABETH M.** (A'28), Assistant Physical Scientific Aide, National Bureau of Standards, Washington, D.C. For mail: 3633 Everett St., N.W., Washington, D.C.
- ZATORSKY, ERNEST F.** (A'25), Mixer in Charge of Sound Department, Jam Handy Picture Service, 2900 E. Grand Blvd., Detroit, Mich. For mail: 19212 Pennington Dr., Detroit, Mich.
- ZEAMANS, HAROLD R.** (A'12), Attorney-at-Law, 103 Park Ave., New York, N.Y.
- ZEHR, NICHOLAS J.** (A'27), Plant Engineer, KWK, Thomas Patrick, Inc., Hotel Chase, St. Louis, Mo. For mail: 1538 Bradford Ave., St. Louis, Mo.
- ZEIDLIC, WILLIAM J.** (A'29), Service Engineer, Electrical Research Products, Inc., 2011 A. Jackson St., Dallas, Tex. For mail: 5008 Vickery Blvd., Dallas, Tex.
- ZEIGER, LOUIS B.** (A'30), Electrical Engineer, Simplex Electric Products Company, 4515-12th Ave., Brooklyn, N.Y.
- ZEIGLER, THOMAS W.** (A'36), 19 Elmwood Ave., Charleston, S.C.
- ZENDER, RAYMOND G.** (A'33), Sales Manager, Lenz Electric Manufacturing Company, 1751 N. Western Ave., Chicago, Ill.
- ZENNECK, JONATHAN A. W.** (M'13-F'14), Professor of Experimental Physics, Institute of Technology, Munich, Germany. For mail: Georgenstr. 9, Munich, Germany.
- ZENTGRAF, JOHN A., JR.** (A'32), Senior Public Accountant, W.S. Hurst, C.P.A., 315 Stephen Gerard Bldg., Philadelphia, Pa. For mail: 2747 Morris Rd., Ardmore, Pa.
- ZERN, REBER T.** (A'30), Instructor, Drexel Institute, 32nd and Chestnut Sts., Philadelphia, Pa. For mail: R.D. 1, Norristown, Pa.
- ZIMA, C. LADISLAV** (S'36), Student, College of the City of New York, New York, N.Y. For mail: 1678 Appleton Ave., Bronx, N.Y.
- ZIMMERMAN, PHILIP R.** (A'36), Chief Radio Electrician, U. S. Navy, Box 3133, Honolulu, T.H.
- ZIMMERMAN, ROBERT F.** (A'28), Police Radio Operator WPDM, City of Dayton, 15 E. Monument Ave., Dayton, Ohio. For mail: 267 Park Dr., Dayton, Ohio.
- ZOTTU, PAUL D.** (A'31), Research and Development Engineering, RCA Manufacturing Company, Inc., RCA Radiotron Division, Harrison, N.J.
- ZUEV, VITALY V.** (A'28), Chief of Technical Communication Department, Philips S.A.E. Company, 1451, Rivadavia, Buenos Aires, Argentina. For mail: Moreno 970, Buenos Aires, Argentina.
- ZURIAN, PHILIP D.** (A'36), Chief Engineer, Press Wireless, Inc., Box 296, Hicksville, L.I., N.Y. For mail: 187 First St., Hicksville, L.I., N.Y.
- ZWEIFEL, FRED A.** (S'35), Student, Stevens Institute of Technology, Hoboken, N.J. For mail: 141-33rd St., Union City, N.J.
- ZWICKER, HOWARD H.** (A'31), Radio Operator, Radiomarine Corporation of America, 470 Atlantic Ave., Boston, Mass. For mail: 5228 Oakland St., Philadelphia, Pa.
- ZWORYKIN, VLADIMIR K.** (M'30), Director, Electronic Research Laboratories, RCA Manufacturing Company, Inc., Camden, N.J.

CATALOG OF MEMBERSHIP, 1936

(Corrected to February 27, 1937)

Arranged Geographically

UNITED STATES

ALABAMA

Auburn
Waldo, G. V. (A)
Dothan
Spencer, S. W. (A)
Escatawpa
Sporna, J. (A)
Fairhope
Ness, D. N. (A)
Maxwell Field
Finter, C. V. (A)
Mobile
Kelly, R. P. (A)
Montgomery
Rives, T. C. (M)
Sparhawk, G. H. (A)
Trum, A. D. (A)
Selma
Roberson, A. M. (A)

ARIZONA

Holbrook
Dargie, D. A. (A)
Kingman
Wallace, P. H. (A)
Phoenix
Grigg, J. W. (A)
Paul Spur
Holland, W. E. (F)
Winslow
Shaw, C. E. (A)

ARKANSAS

Batesville
Griffin, F. T. (S)
Fayetteville
Davis, J. W. (S)
Little Rock
Beem, R. M. (A)
Texarkana
Mims, M. P. (A)

CALIFORNIA

Alameda
Angus, G. W. (A)
Daniels, H. H. (A)
Larime, L. H. (A)
White, R. H. (A)
Alhambra
Gould, L. K. (A)
Jeffords, R. D. (A)
Swilt, F. T. (A)
Altadena
Axtell, H. B. (A)
Bradshaw, R. C. (A)
Hull, R. W. (A)
Johnson, P. F. (M)
Stuedle, E. C. (A)
Anaheim
Howard, L. W. (A)

Bakersfield
Jarvis, L. P. (A)
Baldwin Park
Martin, O. F. (A)
Baxter
Lindsey, W. F. (A)
Belmont
Clark, R. W. (A)
Berkeley
Bartholomew, L. (A)
Bennett, R. (A)
Cornes, R. W. (S)
Daspit, L. R. (A)
Davis, D. D. (A)
Glessner, J. M. (A)
Greves, G. L. (A)
Halloran, A. H. (M)
Heinrich, M. A. (A)
Henning, C. I. B. (A)
Henry, F. M. (A)
Jones, F. C. (A)
Lambert, E. G. (S)
Mather, N. W. (S)
Peterson, N. J. (S)
Randall, R. D. (A)
Reukema, L. E. (A)
Rice, A. R. (A)
Scott, H. J. (A)
Shima, R. (S)
Tibbets, D. R. (A)
Wainola, A. J. (S)
Beverly Hills
Gioga, P. (A)
Stanton, R. S. (A)
Waite, S. A. (A)
Bishop
Rudolph, E. (A)
Bolinas
Case, M. D. (A)
Macconco, F. J. (A)
Park, C. W. (A)
Slater, F. R. (A)
Tanck, H. (A)
Burbank
Clark, J. H. (A)
Goldsmith, L. T. (A)
Levinson, N. (M)
Burlingame
Eldred, W. N. (A)
Compton
Orr, F. H. (A)
Coronado
Garard, E. A. (A)
Hargis, D. A. (A)
Culver City
Burns, G. A. (A)
Kimball, H. R. (A)
Daggett
Griffith, M. H. (A)
Eagle Rock
Sprague, G. M. (A)
El Monte
Krantz, C. H. (A)

Fresno
Moore, L. T. (A)
Simpson, H. J. (A)
White, C. F. (S)
Gardena
Harrington, K. D. (S)
Glendale
Haas, P. (A)
Newcomb, R. D. (A)
Nolan, A. B. (A)
Read, G. W. (A)
Scoville, R. R. (A)
Tate, J. W. (J)
Half Moon Bay
Watkins, J. O. (A)
Hollywood
Albin, F. G. (A)
Anson, C. T. (A)
Blackburn, J. F. (A)
Brooke, R. O. (A)
Denechaud, R. G. (A)
Dreher, C. (F)
Hansen, E. H. (M)
Heineman, J. T. (A)
Hilliard, J. K. (M)
Johnson, F. L. (S)
Ludlum, W. F. (A)
McFarlane, M. D. (A)
Moore, M. E. (A)
Mueller, W. A. (A)
Rhodes, L. G. E. (A)
Sawyer, G. E. (A)
Teel, W. D. (A)
Huntington Beach
Wood, R. A. (A)
Huntington Park
Mestas, R. (A)
Werner, W. K. (S)
Inglewood
Underwood, E. G. (A)
Inverness
Canfield, N. A. (A)
Hall, E. M. (A)
Moorhead, G. H. (A)
Spiegel, L. (A)
Yokela, H. E. (A)
Jackson
Thiel, J. V. (A)
Kingsburg
Anderson, S. C. (S)
La Canada
Benioff, H. (A)
La Habra
Strupp, E. J. (A)
Long Beach
Berustein, H. E. (A)
Hall, F. W. (A)
McDowell, L. W. (A)
Pierce, E. H. (A)
Rector, E. M. (S)
Tapp, J. E. (A)
Thompson, J. W. (S)
Wallace, D. C. (A)
Weston, L. B. (A)

CALIFORNIA

- Los Altos
Miller, H. C. (A)
- Los Angeles
Armagost, H. C. (A)
Astorga, L. T. (A)
Birlenbach, S. (A)
Blasier, H. E. (A)
Bowles, T. C. (A)
Brace, F. R. (A)
Brockway, D. C. (A)
Brockway, W. W. (A)
Bryan, W. J. (A)
Bucknell, W. H. (S)
Chesney, A. P. (A)
Coe, E. W. (A)
Cole, F. H., Jr. (A)
Cook, R. O. (A)
Cunningham, E. W. (S)
Curran, G. W. (A)
Daily, C. R. (A)
de Forest, L. (F)
Eastman, F. F. (A)
Estep, C. R. (A)
Everett, F. A. M. (A)
Farran, D. (A)
Flickinger, J. H. (A)
Fox, B. M. (A)
Grammes, R. W. (A)
Grove, H. G. (A)
Haralson, B. J. (A)
Hare, R. J. (A)
Harmon, W. S. (A)
Hart, R. H. (M)
Hawkins, J. N. A. (A)
Hill, H. F. (A)
Hund, A. (F)
Jones, C. B. (A)
Kennedy, D. (A)
Kennedy, F. M. (A)
Lewis, V. F. (A)
Lindsay, W. W., Jr. (M)
Lipschutz, B. (A)
Lockhart, R., Jr. (A)
Logan, D. C. (A)
Loukota, D. H. (A)
Lubcke, H. R. (M)
Manderfeld, E. C. (A)
Merrals, F. N. (S)
Miller, B. F. (A)
Miller, C. E. (A)
Moore, R. M. (A)
Noe, M. W. (A)
Partello, Lt. Comdr.
Partello, M. C. (A)
Partridge, A. J. (A)
Paul, B. (A)
Richards, W. S. (A)
Riggs, C. A. (A)
Rowe, V. G. (A)
Schreiber, E. H. (M)
Silent, H. C. (A)
Silva, W. (A)
Simmons, E. E., Jr. (A)
Slyfield, C. O. (A)
Thistlewhite, R. (A)
Weaver, C. E. (A)
Wersen, D. T. (A)
- Lynwood
Miller, F. A. (A)
- March Field
Maier, O. C. (A)
- Martinez
Kramer, F. S. (S)
- Menlo Park
Koerner, C. T. (A)
- Mill Valley
Behringer, D. S. (S)
- Napa
Streich, R. J. (A)
- North Hollywood
Farnsworth, H. D. (A)
- Oakland
Aiello, J. (A)
Black, L. J. (A)
Bollaert, R. (S)
Braun, G. B. (A)
Brodie, A. H. (A)
Child, V. E. (S)
Clark, O. (S)
Forster, A. G. (A)
Gaines, B. R. (A)
Harbidge, E. A. (J)
Kellogg, W. D. (A)
Mangelsdorf, F. B. E. (A)
McLeod, G. R. (S)
McKay, W. M. (A)
Mole, J. E. (S)
Moore, R. E. (A)
Nourse, M. S. (S)
Okada, K. (S)
Penther, C. J. (A)
Schlueter, E. A. (A)
Summers, J. W. (A)
Wild, S. J. (A)
Woodward, J. D. (A)
- Olympia
Kaufman, A. W. (A)
- Ontario
Butler, A. G. (A)
- Pacific Palisades
Dodge, R. M. (A)
- Palm Springs
Dine, F. E. (A)
- Palo Alto
Elliott, H. F. (M)
Frink, F. W. (A)
Fuller, L. F. (F)
Green, I. L. (A)
Hoehn, F. M. (A)
Julien, I. F. (M)
Kaar, J. M. (A)
Rohner, A. J. (A)
Scofield, P. F. (M)
Sharp, J. M. (A)
Storms, H. O. (A)
Tinney, F. B. (A)
Triplett, R. W. (A)
Wunderlich, G. F. (A)
- Pasadena
Alcock, R. W. (J)
Bacon, W. L. (A)
Bertram, S. (A)
Breitwieser, C. J. (A)
Brown, H. C. (A)
Hadley, C. F. (S)
Hopkins, R. E. (A)
Hopper, F. L. (A)
Howes, E. T. (A)
MacKeown, S. S. (M)
Meyer, R. G. H. (A)
Moore, R. M. (A)
Mueller, C. R. (S)
Nestler, W. W. (S)
Nirkirk, T. E. (A)
Peterson, G. (A)
Phillips, N. V. (A)
Rypinski, M. C. (M)
Shultise, Q. M. (A)
- Petaluma
Klebanoff, J. H. (S)
Sales, J. P. (A)
- Piedmont
Chick, A. J. (S)
- Point Reyes
Oates, T. L. (A)
Reid, I. H. (A)
- Redwood City
Barnes, R. B. (A)
Litton, C. V. (A)
Milcs, P. D. (A)
Von Ohlen, F. D. (A)
- Rice
Miller, G. R. (A)
- Richmond
Watson, H. M. (A)
- Rivera
Barlow, R. G. (A)
- Riverside
Williams, R. V. (A)
- Roscoe
McGarry, J. (A)
- Sacramento
Bowman, C. S. (A)
Jeffers, L. M., Jr. (A)
Semoni, A. J. (A)
- San Anselmo
Cherry, C. E. (A)
- San Bernardino
Thorne, H. A. (A)
- San Bruno
Ekstrand, P. A. (A)
Murray, D. A. (A)
- San Carlos
McAulay, W. H. (A)
- San Diego
Burnett, W. W. L. (A)
Dodge, F. R. (A)
Doig, J. H. (A)
Dorband, E. F. (A)
Dugan, P. F. (A)
Ferreira, F. (A)
Hieronymus, J. (A)
Jackson, R. (A)
Martin, W. H. (A)
McBride, A. C., Jr. (A)
Meloaan, J. R. (A)
Nelson, J. D. (A)
Ogg, G. R. (A)
Pitts, H. L. (M)
Stone, J. S. (F)
Taylor, W. T. (A)
Wayland, R. J. (A)
Williams, R. R. (A)
Wisner, F. L. (A)
- San Francisco
Ames, E. K. (S)
Baldwin, R. S. (A)
Benson, F. S. (A)
Bradley, J. T. (M)
Brown, E. L. (A)
Cole, C. H. (A)
Cona, L. S. (A)
Cone, D. I. (A)
Cormack, A. N. (A)
Croninger, K. B. (J)
Cully, L. D. (A)
Daily, H. C. (A)
Danforth, R. S. (A)
Dietsch, R. C. (S)
Fass, S. J. (A)
Foley, J. H. (A)
Friermuth, V. J. (A)
Gary, L. A. (A)
Greaves, V. F. (F)
Hanscom, W. W. (M)
Hartwick, F. C. (A)
Hatch, R. I. (A)
Held, H. E. (A)
Hewlett, W. R. (S)
Hildgedick, W. C. (A)
Hobrecht, J. P. (S)
Hoffman, S. O. (A)
Hortig, F. J. (A)

CALIFORNIA

- Hussey, W. J. (A)
 Hyne, A. D. (S)
 Kaufman, J. (A)
 Kerkhof, L. M. (A)
 Kirkland, R. D. (A)
 Lowe, C., Jr. (A)
 McLaughlin, H. R. (S)
 Metcalf, H. E. (M)
 Morrison, A. C. (A)
 Nikonenko, P. V. (A)
 O'Brien, M. P. (A)
 Parkhurst, E. L. (A)
 Powell, L. H. (A)
 Reese, J. S. (A)
 Sandfort, M. (A)
 Schoenfeld, E. H. (A)
 Schulz, P. C. (A)
 Skinner, C. R. (A)
 Sloan, F. V. (M)
 Soderquist, C. J. (A)
 Sphar, C. H. (A)
 Stagnaro, J. A. (A)
 Stewart, J. A. (A)
 Towne, A. E. (A)
 Vincent, A. M. (A)
 Whitten, S. (A)
 Williams, P. A. (A)
 Winnegar, W. A. (A)
- San Gabriel
 Ashbrook, R. B. (A)
- San Jose
 Engwicht, H. (A)
 Gillmeister, F. W. (A)
 Kelliher, J. E. (A)
 Quement, F. J. (A)
- San Leandro
 McKinley, H. W. (A)
- San Marino
 Grimes, W. F. (A)
 Mason, C. W. (A)
- San Mateo
 Lebedeff, G. M. (A)
 Van Why, F. W. (M)
- San Pedro
 Boland, J. N., (A)
 Booth, H. A. (A)
 Cooke, N. M. (A)
 Homsy, J. H. (A)
 Johnson, V. (A)
 Martin, R. L. (A)
 Seidl, F. A. (A)
 Thomas, W. M. (A)
 Trapeur, R. E. (A)
 Tucker, D. P. (A)
- San Rafael
 Peterson, I. (A)
- Santa Barbara
 Moody, R. C. (A)
- Santa Clara
 Kusich, E. A. (A)
- Santa Monica
 Hall, H. N. (A)
- Santa Paula
 Briggs, L. G. (A)
 Teague, D. S., Jr. (S)
- South Gate
 Kiernan, E. F. (A)
- South Pasadena
 Korntved, G. W. (A)
 Pitzer, R. L. (S)
- South San Francisco
 Heintz, R. M. (F)
- Stanford University
 Blanchard, H. P. (S)
 Hall, N. I. (A)
 Sumerlin, W. T. (S)
- Terman, F. E. (F)
 Woodyard, J. R. (A)
- Stockton
 Hamma, T. G. (A)
- Sutter Creek
 Snyder, W. G., Jr. (A)
- Turlock
 Johnson, W. E. (S)
- Vallejo
 Cattell, G. W. (A)
 Miller, J. R. (S)
- Venice
 Warne, V. J. (A)
- Walnut Park
 Weissmantel, F. A. (A)
- Waterman
 Morrin, T. H. (S)
- Whittier
 Wiggins, W. S. (A)
- Wilmington
 Skov, J. I. (A)
- COLORADO**
- Boulder
 Cartwright, R. V. (A)
- Colorado Springs
 Hathaway, C. E. (A)
 Schnell, L. J. (A)
- Denver
 Grove, W. C. (A)
 Heiser, E. S. (A)
 Jensen, R. R. (A)
 Moritz, B. E., Jr. (A)
 Owen, R. H. (A)
 Pyle, W. D. (A)
- Durango
 Masterson, B. J. (A)
- Silverton
 Matthews, H. (A)
- CONNECTICUT**
- Ansonia
 Kulikowski, E. F. (A)
- Bridgeport
 Baker, W. R. G. (F)
 Bard, H. B., Jr. (S)
 Barhydt, C. R. (A)
 Beckmann, A. (A)
 Bishop, N. (A)
 Brockman, F. C. (A)
 Coykendall, J. C. (A)
 Dome, R. B. (A)
 Fyler, G. W. (A)
 Goldman, S. (A)
 Kaar, I. J. (M)
 Moe, R. E. (A)
 Tietzworth, F. W. (A)
 Weston, F. B. (A)
 Wilson, J. H. (S)
 Worcester, J. A., Jr. (A)
- Fairfield
 Bachman, W. S. (A)
- Hamden
 McNamara, F. T. (A)
- Hartford
 Bennett, J. S. (A)
 Sanders, E. R. (A)
- Kensington
 Edgerly, A. H. (A)
- Litchfield
 Vanderpool, F. L. (A)
- Manchester
 Reinartz, J. L. (M)
- Meriden
 Lorenz, H. F. (A)
- Middletown
 Cady, W. G. (F)
 Van Dyke, K. S. (M)
- Milford
 Spaulding, F. E., Jr. (A)
- Naugatuck
 Wood, W. F. (A)
- New Haven
 Clements, S. E. (S)
 Millard, A. M. (A)
 Porter, R. W. (S)
 Smith, F. S. (A)
 Sohor, P. H. (M)
 Turner, H. M. (M)
- Niantic
 Pattee, J. R. (A)
- Nichols
 Nelson, W. H. (A)
- Norwalk
 Jarvis, K. W. (F)
- Norwich
 Libby, L. L. (S)
- Old Greenwich
 Thomas, W. A., 3rd (A)
- Springdale
 Cowan, E. J. (A)
- Stamford
 Friend, H. H. (A)
- Stonington
 Nuesse, L. W. (A)
- Storrs
 Noble, D. E. (A)
- Stratford
 Austin, K. B. (A)
 Cottrell, McK. (A)
 Fox, F. J. (A)
 Manke, A. G. (A)
 Molzen, C. F. (A)
 Maynard, J. E. (A)
 Roder, H. (M)
 Shofstall, N. F. (A)
- Taftville
 Cocker, H. (A)
- Wallingford
 Williams, E. M. (S)
- Waterbury
 Stevens, C. R. (A)
 Warner, S. E. (A)
 Winchell, A. M. (A)
- West Hartford
 Coe, R. S. (A)
 Doolittle, F. M. (M)
 Ferry, R. N. (S)
 Handy, F. E. (A)
 Hebert, A. A. (M)
 Warner, K. B. (F)
- Westport
 Hanson, O. B. (M)
 Perry, W. A. (A)
- Wethersfield
 Carini, L. F. B. (A)
- DELAWARE**
- New Castle
 Taylor, E. A. (A)
- Wilmington
 Casey, K. K. V. (A)

GEORGIA

Snyder, J. G. (A)
 Tatnall, J. S. (A)
 Van Sant, F. T. (A)

DISTRICT OF
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Anacostia

Armstrong, R. W. (A)
 Arnold, P. N. (A)
 Beard, D. C. (A)
 Fetsch, J. T., Jr. (A)
 Gebhard, L. A. (A)
 Gunn, R. (A)
 Haire, A. F. (A)
 Hromada, J. C. (A)
 Johannessen, H. R. (A)
 Miller, H. R. (A)
 Moore, A. H. (A)
 Owens, R. B. (M)
 Rieger, W. (A)
 Smith, H. L. (A)
 Taylor, A. H. (F)
 Wallace, J. D. (A)
 Williams, C. H. (A)

Bennings

Curtis, W. F. (A)

Chevy Chase

Diamond, H. (M)

Takoma Park

Aurynger, J. J. (A)
 Johnson, E. A. (A)

Washington

Allman, F. L. (A)
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 Backus, C. D. (M)
 Bailey, S. L. (M)
 Baker, T. S. (A)
 Barron, J. H. (M)
 Bates, J. F., Jr. (A)
 Bender, L. B. (M)
 Biser, M. H. (A)
 Bower, W. E. (A)
 Brown, T. H. (A)
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 Burgess, W. B. (M)
 Burke, D. J., Jr. (A)
 Caldwell, L. G. (M)
 Casanova, R. (A)
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 Chambers, J. A. (M)
 Clark, R. L. (A)
 Clarke, A. S. (A)
 Codel, M. (A)
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 Colvin, R. (A)
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 Cottrell, A. (A)
 Craven, T. A. M. (F)
 Crawford, D. M. (A)
 Culver, R. H. (A)
 Davis, C. L. (M)
 Davis, G. C. (A)
 Davis, T. McL. (M)
 Dellinger, J. H. (F)
 Dingley, E. N., Jr. (A)
 Dorsey, H. G. (F)
 Dow, J. B. (M)
 Forster, K. L. (A)
 Furth, F. R. (A)
 Garrison, M. M. (M)
 George, W. D. (A)
 Gillett, G. D. (F)
 Gilliland, T. R. (A)
 Girard, E. J. (M)
 Gough, J. H. (A)
 Goulett, W. B. (A)
 Guthrie, F. P. (M)
 Hall, E. L. (A)
 Hamm, J. L. (A)
 Harding, L. M. (A)

Harrison, A. E. (A)
 Hastings, H. F. (A)
 Heaton, V. E. (A)
 Heatwole, E. P. (A)
 Highleyman, R. (M)
 Hinemon, J. H., Jr. (A)
 Holt, L. J. (A)
 Hooper, S. C. (A)
 Hull, D. R. (A)
 Hull, M. I. (A)
 Hunt, C. M. (A)
 Hyland, L. A. (A)
 Jackson, W. E. (M)
 Jacocks, T. B. (A)
 Jansky, C. M., Jr. (F)
 Kaufman, J. (M)
 Kear, F. G. (M)
 Kinley, C. B. (A)
 Kirby, S. S. (A)
 Lane, R. F. (S)
 Lapham, E. G. (A)
 Lee, W. J. (M)
 Linger, R. A. (A)
 Loftin, E. H. (M)
 Lohnes, G. M. (S)
 Loucks, P. G. (A)
 Lovejoy, E. W. (M)
 Maddox, C. H. (M)
 Marriner, A. W. (A)
 McIlwraith, C. G. (A)
 McNary J. C. (M)
 Mickey, L. (A)
 Mirrick, C. B. (M)
 Moulton, T. S. (A)
 Meyers, G. B. (A)
 Neely, G. M. (A)
 Norton, K. A. (A)
 Ould, R. S. (A)
 Page, R. M. (A)
 Pennaroli, M. (A)
 Perkins, O. D. (A)
 Petterson, W. N., Jr. (A)
 Pierce, J. F. (A)
 Pirtle, J. H. (A)
 Poast, LaV. M. (A)
 Powell, E. L. (M)
 Redington, E. B. (A)
 Rietzke, E. H. (M)
 Ring, A. D. (A)
 Rohrich, G. J. (A)
 Segal, P. M. (M)
 Sherman, W. K. (A)
 Smith, J. E. (M)
 Soukaras, K. M. (A)
 Spittle, S. E. (A)
 Sprayberry, F. L. (A)
 Stahl, B. E. (A)
 Stansfield, J. O. (A)
 Stewart, J. D. (M)
 Stewart, R. B. (M)
 Stillwell, R. R. (A)
 Struthers, F. W. (A)
 Taylor, M. (S)
 Terrell, W. D. (F)
 Teunisson, J. F. (A)
 Wadsworth, H. A. (A)
 Watson, R. D. (A)
 Webster, E. M. (A)
 Wells, H. W. (M)
 Wells, W. B. (A)
 Wheeler, L. P. (F)
 White, N. (A)
 Wright, J. W. (A)
 Zandonini, E. M. (A)

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Lampkin, G. F. (A)

Coconut Grove

Brake, P. (A)
 Hoselton, F. B. (A)

Coral Gables

Larson, L. W. (A)

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Bailey, R. D. (S)
 Duncan, F. B. (A)
 Von Dohlen, H. W., Jr. (A)

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Allston, W. F. (A)
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 Winchel, H. T. (A)

Lake Worth

Graves, A. C. (A)

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Borton, F. W. (A)
 Cameron, J. R. (A)
 Clark, W. R. (A)
 Corrigan, C. J. (A)
 Gilbert, J. C. (A)
 Harpley, D. (A)
 Jones, E. J. (A)
 McKee, C. W. (A)
 Scott, M. C., Jr. (A)
 Smith, G. M. (A)
 White, W. R. (A)

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Dunham, J. S. (A)
 Jensen, J. O. (A)

Miami Springs

Stevens, S. (A)

Palatka

Peterson, T. R. (A)

St. Petersburg

Link, L. J. (A)

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Orr, H. R. (A)

Tampa

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 White, J. D., Jr. (A)

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Atlanta

Akerman, B. (A)
 Baker, R. W. (A)
 Caulfield, T. D. (A)
 Coe, J. C. (A)
 Coleman, G. A. (A)
 Daugherty, C. F. (A)
 Fowler, N. B. (A)
 Gerks, I. H. (A)
 Haeger, J. R. (J)
 Holey, W. J. (A)
 Owen, C. H. (A)
 Owens, W. B. (S)
 Parkins, F. A. (A)
 Ratliff, W. H., Jr. (S)
 Reesor, D. A. (A)
 Reid, H. L. (A)
 Stephens, H. W. (A)
 Thornton, H. P. (A)
 Trammell, R. D. (A)
 Turner, G. S. (M)

Chamblee

Winfree, R. W. (A)

Commerce

Hood, S. (A)

Decatur

Bangs, P. C. (A)

Jonesboro

Heely, O. H. (A)

La Grange

White, C. J., Jr. (A)

Macon

Elder, R. K. (A)
 Preston, J. G. (A)

Quitman

Underwood, F. C., Jr. (A)

GEORGIA

Savannah

Carlson, C. O. (A)

Statesboro

Blitch, I. D. (A)
Jones, W. L., Jr. (S)

IDAHO

Idaho Falls

Taylor, R. L. (A)

Moscow

Byrne, M. E. (S)
Carsrow, C. G. (A)

Nampa

Martin, C. S. (A)

Pocatello

Wilson, T. J. (A)

Wallace

Heuser, E. R. (A)

ILLINOIS

Bellwood

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Berwyn

Burns, E. E. (A)
Komm, P. M. (A)
Novy, J. F. (A)
Prentiss, J. G. (A)
Schnell, W. J. (A)

Canton

Ingersoll, W. P. (A)

Centralia

Duncan, D. C. (A)

Charleston

Stoddert, T. M. (A)

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Andres, L. J. (M)
Andrew, V. J. (M)
Andrews, E. F. (A)
Argento, H. F. (A)
Armstrong, H. W. (A)
Beusman, R. M. (A)
Bowen, J. L. (A)
Braun, W. C. (A)
Bridgman, F. K. (A)
Brittin, F. L. (M)
Brunner, R. R. (A)
Buckthal, E. P. (A)
Canon, H. B. (A)
Cantonwine, C. R. (A)
Carlson, E. C. (A)
Carter, A. J. (M)
Clausing, L. M. E. (A)
Clough, K. (A)
Corcoran, A. E. (A)
Crossett, E. C. (A)
Crossley, A. (M)
Devine, W. F. (A)
DeWeese, H. W. (A)
Donaldson, R. J. (A)
Eltgroth, G. V. (A)
Fasulo, J. C. (A)
Fetterman, D. M. (A)
Fischer, A. J. (A)
Forbes, A. C. (M)
Forsberg, O. J. (A)
Fortington, W. H. (M)
Fox, J. E. (A)
Frank, C. W. (A)
Fritzel, J. A. (A)
Giese, R. C. (M)
Glover, R. P. (A)
Goode, K. H. (A)
Gorbunoff, A. (A)
Gray, D. (A)
Gray, K. (A)
Hanik, P., Jr. (A)
Hansen, L. S. (A)

Hansen, W. H. (A)

Harris, S. G. (A)
Hassel, K. E. (M)
Hathaway, J. F. (A)
Hayes, H. D. (M)
Hermann, W. F. (A)
Herrick, R. H. (A)
Hilliard, W. P. (A)
Hoag, J. B. (M)
Hucke, H. M. (A)
Hutchens, R. D. (A)
Huxtable, C. K. (A)
Inman, J. F. (A)
Jackson, C. H. (A)
Jacob, F. N. (A)
Johnson, J. K. (M)
Johnston, E. L. (A)
Jones, M. R. (A)
Kadell, H. W. (A)
Kadri, S. S. (A)
Kayner, H. J. (A)
Kealy, D. (J)
Kelsey, E. L. (A)
Keogh, R. J. (A)
Klein, N. E. (A)
Knowles, H. S. (A)
Kohler, E., Jr. (A)
Kramer, A. W. (A)
Lair, J. R. (A)
Larsen, C. J. (M)
Leidy, W. J. (A)
Levenberg, M. H. (A)
Levin, S. (A)
Lichtman, S. W. (A)
Luttgens, H. C. (A)
Mages, M. (A)
Maki, G. J. (A)
Manatt, J. H. (J)
Marks, M. (A)
Marquardt, M. F. (A)
Marshall, C. E. (A)
Martens, R. L. (A)
Martin, G. I. (M)
McGinley, J. C. (A)
McFilton, DeW. (A)
McMahon, R. J. (A)
McMaster, A. J. (A)
Meinhard, H. M. (A)
Michal, L. V. (A)
Mills, E. E. (A)
Miron, V. C. (A)
Mitchell, D. H. (A)
Monderer, B. A. (S)
Mueller, E. L. (A)
Murray, F. H. (A)
Nordhaus, C. H. (A)
Novak, J. J. (A)
Offner, F. F. (A)
O'Pink, B. F. (A)
Patelke, R. A. (A)
Paul, G. S. (A)
Petry, C. A. (A)
Petzing, E. W. (A)
Plotts, E. L. (A)
Remde, J. (A)
Rennick, J. L. (A)
Richie, S. M. (A)
Riddell, O. A. (A)
Rodriguez, A. E. (A)
Roe, D. J. (A)
Rose, J. K. (A)
Ross, K. B. (A)
Scaruffi, J. (J)
Scales, L. B. (A)
Schnell, F. H. (M)
Schoenwolf, F. L. (M)
Schor, F. W. (A)
Schradler, W. A. (A)
Schreyer, T. E. (A)
Scott, E. H. (M)
Sear, A. W. (A)
Silver, M. (A)
Six, W. E. (A)
Skinner, C. F. (A)
Slugodzki, L. K. (A)
Smith, A. B. (M)

Smith, E. F. (M)

Smith, P. S. (A)
Smythe, E. H. (M)
Starrett, J. S. (A)
Stein, H. A. (A)
Stone, C. H. (M)
Streich, F. W. (A)
Stromatt, F. C. (A)
Swank, W. B. (S)
Thorson, W. G. (A)
Thrun, A. G. (A)
Tucker, J. P. (A)
Tulauskas, L. (A)
Turner, J., Jr. (A)
Turnquist, L. (A)
Van Niman, R. T. (A)
Wallace, J. T. (A)
Warriner, C. H. (A)
Weber, R. I. (A)
Weinstein, D. D. (J)
Wesselman, E. (A)
Wilcox, G. M. (M)
Wilson, D. M. (A)
Woods, A. A. (A)
Yoder, R. S. (A)
Zender, R. G. (A)

De Kalb

Pries, L. F. (A)

Des Plaines

Bottorff, P. A. (A)
Gunther, W. J. (A)

Downers Grove

Allen, J. (A)
Beard, C. E. (A)
Courchene, H. B. (A)
Davis, E. J. (A)
Eddy, W. L. (S)
Johnson, A. R. (A)
Moffett, LeR., Jr. (A)
Vance, H. C. (M)

East St. Louis

West, W. H. (M)

Elgin

Kadow, A. C. (A)
Myers, C. J. (A)

Elmhurst

Kranz, H. E. (M)
Lindsay, W. R. (A)
Squires, E. G. (A)
Trout, E. D. (A)

Evanson

Chalberg, H. W. A. (J)
Manly, H. P. (A)

Forest Park

McCarthy, F. M. (A)

Fort Sheridan

Benfer, E. L. (A)

Freeport

O'Connell, G. (A)
Whitlock, F. W. (A)

Flossmoor

Falknor, F. B. (M)

Glenview

Burnham, E. (A)
Hansen, T. A. (A)
Pond, R. F. (J)

Great Lakes

Hogg, W. S., Jr. (M)

Harrisburg

Schonert, K. E. (A)

Hinckley

Jackson, W. C. (S)

Hinsdale

Doyle, E. J. (A)

- Joliet
Sandretto, P. C. (A)
- Kenilworth
Lahman, W. C. (A)
- La Grange
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Mellor, W. N. (A)
- Lockport
Carter, O. M. (A)
- Lombard
Wells, W. J. (A)
- Morrison
Van Osdol, R. L. (A)
- Mount Carmel
Carduner, W. (A)
Weber, L. J. (A)
- Mount Prospect
Gustafson, G. E. (A)
- Oak Park
Kenney, M. W. (M)
Pye, H. C. (A)
Robinson, G. D. (A)
Spicer, F. D. (S)
Stover, A. R., Jr. (A)
Winkler, M. R. (A)
Woodruff, A. E. (A)
- Ottawa
Wirkler, W. H. (A)
- Pecatonica
Van Antwerp, M. C. (A)
- Pekin
McGarvey, H. R. (A)
- Peoria
Planck, R. M. (A)
Shalkhauser, E. G. (M)
- Rantoul
Allen, F. G. (A)
Kuhlman, P. W. (A)
Richard, C. W. (M)
- Riverside
Wilkinson, L. G. (A)
- Rockford
Bullen, C. V. (A)
Hand, C. A. (A)
- Rock Island
Palmer, P. S. (A)
- St. Charles
Alford, H. W. (A)
Anderson, C. A. (A)
McCraigh, J. F. (A)
Weibler, C. T. (A)
- South Chicago
Kahn, L. (A)
- Springfield
Ring, E. F. (A)
West, G. E. (M)
Whannel, R. L. (A)
- Tuscola
Spies, M. C. (A)
- Urbana
Brown, H. A. (M)
Knipp, C. T. (M)
Reich, H. J. (A)
Tykociner, J. T. (M)
- Villa Park
Fernandez, D. T. (A)
- Waukegan
Ball, I. D. (A)
Herrmann, A. A., (A)
- Western Springs
Scott, K. L. (A)
- Wheaton
Fettweis, C. P. (A)
Mathews, G. D. (A)
Reber, G. (A)
- Wilmette
Klapperich, A. J. (A)
Orner, R. J. (A)
Polydoroff, W. J. (M)
- Winnetka
Brown, J. E. (M)
- Zion
Jacker, E. W. (A)
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English, R. R. (S)
Love, B. E. (A)
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Achatz, R. V. (A)
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Ramsey, R. R. (M)
- Carmel
Brown, W. E. (A)
- Columbus
Andres, P. G. (A)
Baker, J. M. (A)
Booth, E. C. (A)
Crouch, J. (A)
Dougherty, R. (A)
Irwin, B. H. (A)
Mason, H. J. (A)
Patterson, W. M. (A)
Perry, W. R. (A)
Wolcott, C. F. (M)
- Crawfordsville
Doyel, L. C. (A)
- Crown Point
Hamilton, G. H. (A)
Murphy, E. J. (A)
- Elkhart
Schuck, O. H. (A)
- Evansville
Moutoux, E. G. (A)
- Fort Wayne
Ambrose, P. J. (S)
Cornell, J. I. (M)
Dreisbach, R. H. (A)
Fischer, F. W. (A)
Freimann, F. (A)
Gilder, J. A. (S)
Jones, R. B. (A)
Koonz, J. C. (A)
Kowalski, C. A. (S)
Palguta, E. M. (S)
Ratts, B. H. (A)
Schaaf, R. H. (A)
Toy, E. S. (S)
Wise, C. E. (A)
- Fulton
Gray, F. E. (M)
- Gary
Shirk, K. C. (A)
- Hope
Miller, F. (A)
- Indianapolis
Arvin, M. J. (A)
Audritsh, Z. E. (A)
Aust, R. J. (A)
Batts, R. L. (A)
Boji, L. D. (A)
Buhl, W. T. (A)
Carpenter, G. W. (A)
Curry, A. A. (A)
DeVoe, L. M. (A)
Ealy, J. W. (A)
Earl, E. O. (A)
- Frankel, M. (M)
French, B. V. K. (M)
Garstang, W. W. (M)
Glassman, G. H. (A)
Goetz, L. R. (A)
Guthiel, C. M. (A)
Lewis, R. O. (A)
MacNabb, V. C. (A)
Mallory, H. R. (A)
Musser, C. W. (A)
Nichols, J. L. (A)
Passow, E. B. (A)
Peck, G. V. (A)
Reager, A. M. (A)
Rinehart, B. H. (A)
Rosser, T. N. (A)
Schwarzenbach, E. E. (A)
Slater, I. M. (A)
Smith, B. J. (A)
Vaughan, B. W. (A)
Ware, P. (A)
Wiley, J. L. G. (A)
- Kendallville,
Trowbridge, B. (S)
- Kokomo
Archer, S. W. (A)
Hobbs, M. (A)
Marlow, W. C., Jr. (A)
Farkhurst, A. F. (M)
Schwarz, B. A. (M)
- La Porte
Marshall, E. L. (A)
- Marion
Hilligoss, D. R. (A)
- New Haven
Goodnow, A. C. (A)
- Oxford
Bloom, G. (A)
- Richmond
Timmons, F. E. (A)
Weller, W. C. (A)
- Rushville
Cox, W. (A)
- Terre Haute
Crozier, W. D. (A)
Michael, D. F. (A)
Moench, H. A. (A)
- Tipton
Gaiser, M. W. (A)
- Valparaiso
Hershman, J. B. (A)
Hoyt, C. F. (A)
Packman, M. E. (A)
- West Lafayette
Aiken, C. B. (M)
Bernstein, J. R. (S)
Cheng, C. C. (S)
Ebel, A. J. (A)
Liu, I. L. (S)
Lutz, S. G. (A)
Reedy, P. H. (S)
- IOWA
- Algonia
Rising, V. K. (S)
- Ames
Harder, R. B. (S)
Plummer, W. B. (S)
Stewart, W. E. (A)
- Cedar Rapids
Beetham, R. B. (A)
Collins, A. A. (A)
Hauser, P. D. (S)
Smith, M. S. (A)
- Corydon
Dillaplain, V. L. (J)

IOWA

- Council Bluffs
Bullock, M. W. (A)
- Des Moines
Pierce, F. W. (A)
Rissler, H. D. (A)
Stauffer, R. E. (A)
- Hartley
Grotewohl, H. D. (A)
- Independence
Stevens, C. B. (A)
- Iowa City
Griffith, P. E. (A)
Huston, O. H. (A)
Potter, J. L. (A)
- McGregor
Woods, T. DeW. (A)
- Shenandoah
English, W. K. (A)
- Stuart
Nielsen, H. A. (A)
- Winfield
Hahn, J. H. (A)

KANSAS

- Ellis
Harrison, L. A. (A)
- Emporia
Miller, R. F. (A)
- Fort Leavenworth
Buckley, M., Jr. (A)
McClelland, H. M. (M)
- Leavenworth
Hageman, O. C. (A)
- Manhattan
Schumann, F. (A)
Peery, W. E. (A)
- Ottawa
Putnam R. E. A. (A)
- Sabetha
Evans, R. L. (S)
- Salina
Mitchell, W. R. (A)
- Topeka
Burns, L. V. (A)
Cook, J. W. (A)
Troeglen, K. (A)
- Wichita
Byers, H. O. (A)
Hollister, H. (A)

KENTUCKY

- Covington
Jacobs, Y. (S)
Topmiller, C. H. (A)
- Fort Thomas
Kolo, R. E. (A)
- Louisville
Hudson, W. E. (A)
- Ludlow
Reynolds, D. J. (A)
- Owensboro
Bain, G. W. (A)
Biver, C. J. (A)
Knouse, J. J. (A)
- Prestonsburg
Davis, R. B. (A)
- South Newport
Richards, A. P. (M)

LOUISIANA

- Alexandria
Curtis, P. E. (A)
- Baton Rouge
Parkinson, T. (A)
- New Orleans
Adler, L. E. (A)
Amis, S. W. (A)
Bloom, J. D., Jr. (A)
Bowman, D. W. (A)
Clemmons, W. A. (A)
Courtenay, J. A. (A)
Cronvich, J. A. (S)
Deiler, T. G. (M)
Du Treil, L. J. N. (M)
Ellingson, H. J. (A)
Lehde, P. E. (F)
Nebe, H. G. (A)
Peirce, G. H. (A)
Pendergrass, F. L. (A)
Williams, L. P. (M)
Young, J. L. H. (A)
- Shreveport
Antony, W. E. (A)
Garrett, E. D. (A)
Neil, W. L. (A)

MAINE

- Bangor
Creamer, W. J., Jr. (A)
Hodgkins, R. W. (A)
- Brewer
Lawson, N. H. (A)
- Brunswick
Little, N. C. (A)
- Kittery
Remick, E. C. (A)
- Newcastle
Martin, D. (A)
- Orono
Crabtree, K. G. (A)
Matchett, W. E. (S)
Roberts, E. L. (A)
- Portland
Collins, L. R. (A)
Kenneson, H. C. (S)
Robbins, I. L. (A)
- South Portland
Stuckert, E. M. (A)

MARYLAND

- Aberdeen
Hodge, A. H. (A)
- Annapolis
Bailey, W. B. (A)
Ciet, G. R. (A)
Howard, D. G. (A)
Ryan, C. M. (A)
- Anneslie
Kreis, A. L. (A)
- Baltimore
Allen, J. E. (A)
Bassford, S. W., Jr. (A)
Campbell, W. H. (M)
Cooke, G. W. (A)
Eckels, A. E. (A)
Ellert, C. A. (A)
Gerhold, N. S. (A)
Graf, H., Jr. (A)
Hamburger, F., Jr. (A)
Hannah, G. M. (A)
Houston, G. P., 3rd. (A)
Krebs, W. N. (A)
Lange, E. H. (A)
Miller, J. P. (A)
Plummer, W. E. (M)

- Ridenour, W. S. (A)
Stout, G. P. (A)

- Bethesda
Asserson, R. (M)
Cohen, L. (F)
Stanton, H. E. (A)
- Betterton
Haynes, J. M. (A)
- Chevy Chase
Berkner, L. V. (M)
Jett, E. K. (A)
Kelley, G. W., Jr. (A)
Walls, H. J. (M)
White, E. L. (M)
- Curtis Bay
Dillow, A. P. (A)
- Dundalk
McKeel, P. D. (A)
- Edgemoor
Drury, P. O. (A)
- Hyattsville
Lyon, H. H. (A)
Young, L. C. (M)
- Laurel
Brady, L. R. (A)
- Lynthicum Heights
Brian, J. M. (A)
- Rockville
Meyers, A. H. (A)
- Riverdale
Webb, W. L. (A)
- Salisbury
Powell, L. D. (A)
- Silver Spring
Davies, G. L. (M)
Terrell, R. L. (A)
Quaintance, L. C. (A)
Thomsen, P. H. (A)
- Somerset
Brady, J. B. (M)
- Stoneleigh
Sterling, G. E. (M)
- Takoma Park
Morris, T. W. (A)
Sutherland, J. A. (A)
- Washington Grove
Seaton, S. L. (A)
- Waterbury
Bless, R. H. (J)
- MASSACHUSETTS
- Arlington
Bacon, D. H. (A)
Chute, D. H. (A)
Dallin, E. B. (M)
Hall, W. N. (A)
- Arlington Heights
Gregson, R. L. (S)
Lansom, H. W. (F)
- Atlantic
Brown, G. W. (A)
Heap, S. S. (A)
- Auburndale
Clapp, J. K. (F)
Morehouse, W. B. (M)
- Beach Bluff
Krahl, W. L. (M)
- Belmont
Anthony, A. W., Jr. (A)
Clayton, J. M. (M)
Cobine, J. D. (A)

MASSACHUSETTS

- Dolbear, B. L. (M)
 Grant, L. E. (A)
 Lane, H. M. (M)
 Levan, J. D. (A)
 McElroy, P. K. (F)
- Beverly**
 Biggs, O. H. (A)
 Carnahan, C. W. (A)
 O'Neill, G. D. (A)
 Porter, R. G. (A)
- Boston**
 Baird, H. S. (A)
 Beakes, W. E. (M)
 Cabot, G. E. (M)
 Cifre, J. S. (A)
 Coomes, E. A. (A)
 Cumming, L. G. (A)
 de Mars, P. A. (M)
 Gemmill, F. O. (S)
 Greene, L. C. (A)
 Griffith, M. H. (A)
 Hallenstein, N. A. (A)
 Hastings, T. M., Jr. (A)
 Hayes, H. V. (A)
 Henry, J. M. (A)
 Hildebrand, J. G., Jr. (A)
 Kenny, M. (A)
 Mauran, J. (A)
 Morris, G. W. (A)
 Myer, D. A. (A)
 Oberg, R. O. (A)
 Palmer, R. T. (A)
 Putnam, J. P. (A)
 Rines, D. (A)
 Rulon, M. C. (S)
 Van Voorst, M. (A)
 Welsh, F. E. (A)
- Brighton**
 Rockwood, A. C. (M)
 Wallace, G. S. (A)
 Yurt, F. X. (A)
- Brockton**
 Mac Adam, M. L. (M)
 Nye, J. H. (J)
 Sampson, E. J. F. (A)
- Brookline**
 Cabot, S. (M)
 Harvey, C. A. (A)
 Mac Adam, W. K. (S)
 Ready, W. A. (A)
 Rogers, W. S. (A)
 Shermond, R. C. (M)
- Cambridge**
 Adams, J. C. (S)
 Altman, F. J. (S)
 Anderson, W. C. (A)
 Barrow, W. L. (A)
 Batchelder, L. (A)
 Beranek, L. L. (S)
 Bousquet, A. G. (A)
 Bowles, E. L. (M)
 Buckingham, S. A. (A)
 Cady, C. A. (A)
 Chaffee, E. L. (F)
 Chang, C. H. (S)
 Chang, H. (S)
 Dawes, H. H. (A)
 Eastham, M. (F)
 Fahnestock, H., Jr. (A)
 Farmer, D. E. (S)
 Fletcher, R. H. (A)
 Gager, F. M. (A)
 Griffith, B. W. (S)
 Hall, H. H. (A)
 Hall, W. M. (A)
 Hickman, R. W. (A)
 Horton, J. W. (F)
 Hunt, F. V. (A)
 Ireland, F. (A)
 Jervis, E. R. (A)
 Karplus, E., (A)
 Kennelly, A. E. (F)
 Kerr, D. E. (S)
- King, H. F. (A)
 LaForge, L. H., Jr. (S)
 Lewis, F. D. (S)
 Lewis, G. A. (S)
 Maximoff, B. S. (S)
 Mooney, V. J. (S)
 Morris, F. G., Jr. (S)
 Nute, P. R. (A)
 Packard, L. E. (S)
 Pepperberg, L. E. (S)
 Peterson, A. P. G. (S)
 Phillips, H. B. (M)
 Pierce, G. W. (F)
 Richmond, H. B. (F)
 Robinson, E. B. (A)
 Selvidge, H. (A)
 Shaw, H. S. (F)
 Shepherd, J. E. (A)
 Stetson, H. T. (A)
 Thiessen, A. E. (M)
 Tucker, C. E. (M)
 Tuttle, D. F., Jr. (S)
 Tuttle, W. N. (A)
 Webster, W. G. (A)
 Wildes, K. L. (A)
 Wood, J. A., Jr. (A)
 Woodward, W. R. (A)
 Worthen, C. E. (M)
 Wu, I. L. (S)
- Chestnut Hill**
 Pitts, F. D. (A)
- Chicopee Falls**
 Atwood, B. E. (A)
 Biernacki, F. L. (A)
 Burnside, C. J. (A)
 Evans, W. C. (M)
 Gregory, S. D. (A)
 Kinn, T. P. (A)
 Kinsman, W. D. (A)
 Scheer, F. H. (A)
- Cohasset**
 Gagnebin, W. B. (A)
- Danvers**
 Goldsmith, O. B. (A)
 McCarthy, H. J. (A)
- Dorchester**
 Clarke, R. S. (A)
 Dufourd, A. J. (S)
- Fall River**
 Bowen, H. C. (A)
- Foxboro**
 Ouimet, V. E. (A)
- Gloucester**
 Hammond, J. H., Jr. (M)
- Great Barrington**
 Barkley, H. F. (A)
- Hamilton**
 Dane, F. W. (M)
- Hingham**
 Harris, C. C. (M)
 Phelps, R. E. (A)
 Pratt, F. (A)
- Holliston**
 Garceau, L. (A)
- Holyoke**
 Webber, F. G. (A)
- Hyannis**
 Hatch, E. (A)
- Hyde Park**
 Gould, W. B., 3rd. (A)
- Leominster**
 Cialdea, G. M. (A)
- Lexington**
 Cook, J. H. (S)
 Pilkington, E. J. (A)
 Sinclair, D. B. (A)
- Longmeadow**
 Booth, J. D. (A)
 Brackett, O. A. (M)
 Cohen, M. (A)
 Filgate, J. T. (M)
- Lowell**
 Landry, L. H. (A)
- Lynn**
 Bauer, P. S. (A)
 Meader, R. B. (M)
 Rich, G. C. (A)
- Malden**
 Millen, J. (A)
- Mansfield**
 Dean, L. W. (A)
- Marion**
 Backus, C. H. (A)
- Mattapan**
 Rothberg, J. (A)
- Medford**
 Barnes, J. L. (A)
 Harrison, J. R. (A)
- Melrose**
 Hubbard, B. R. (A)
 Jepson, W. F. (A)
- Millis**
 Elmore, J. H. (A)
- Milton**
 Bradshaw, D. B. (A)
 Hoard, N. F. (A)
 Pear, C. B., Jr. (A)
- Nahant**
 Dick, R. T. (A)
- Needham**
 Keim, J. D. (A)
- Newton**
 Briggs, T. H., Jr. (A)
 Colby, C. C., Jr. (A)
 Lowery, W. E. (A)
 Mueller, C. W. (A)
 Nelson, J. R. (M)
 Yamins, H. G. (A)
- Newtonville**
 Dillaby, E. F. (A)
- North Weymouth**
 Hollis, H. H. (A)
 Imlach, G. (A)
- Norwood**
 Whittier, E. W. (A)
- Osterville**
 Chesbro, A. L. (A)
- Oxford**
 Browning, E. A. (A)
- Revere**
 Gelardi, M. (A)
- Roslindale**
 Gross, F. A. (A)
- Rowley**
 Hoopes, T. T. (A)
- Salem**
 Allen, G. D. (A)
 Bacon, F. S., Jr. (S)
 Ellithorn, H. E. (A)
 Hartwell, H. G. (A)
 Heins, H. (A)
 Poor, W. E. (A)
 Porter, R. H. (A)
 Swan, R. A., Jr. (A)
- Siasconset**
 Holden, H. H. (A)

MASSACHUSETTS

- Somerville
Hisamoto, M. (A)
Kolster, C. C. (M)
Rockwell, S. A. (A)
- Southbridge
Wells, J. M. (A)
- South Lancaster
Jones, G. E. (A)
- South Weymouth
Fisher, A. B. (A)
- Springfield
Bassett, E. D. (A)
Benson, S. E. (A)
Blanchard, D. E. (A)
Bond, M. E. (A)
Boyd, B. (A)
Cahalan, E. T. (A)
Curtis, L. F. (M)
Cushing, T. F. (A)
Fratar, F. J. (A)
Freck, R. H. (A)
Garvey, E. (A)
Harmon, R. N. (A)
Holt, H. W. (A)
Hutcheson, J. A. (M)
Johnson, P. K. (A)
Keeler, C. E. (A)
Lee, R. (A)
Little, D. G. (F)
Lyman, J. R. (S)
Madsen, C. J. (A)
Parker, W. H., Jr. (A)
Walker, C. L. (A)
- Swampscott
Curtis, K. V. (A)
- Taunton
Tracy, J. B., Jr. (A)
- Waltham
Anderson, H. G. (A)
- Watertown
Burke, C. T. (M)
Field, R. F. (M)
Henderson, F. C. (A)
King, P. B., Jr. (A)
McGaughey, P. C. (A)
- Wellesley
McDowell, L. S. (M)
- Wellesley Farms
Hills, C. E., Jr. (A)
- Wellesley Hills
Eager, M. (A)
Weeks, P. T. (M)
- West Falmouth
Moore, J. (A)
- West Medford
Ayer, J., Jr. (S)
- Weston
Lyman, F., Jr. (A)
- West Springfield
Sateren, M. G. (A)
- Winchester
Browning, G. H. (M)
Page, N. C. (A)
- Winter Hill
Scott, H. H. (M)
- Worcester
Godfrey, J. S. (A)
Newell, H. H. (M)
- Gebhardt, P. B. (A)
Holland, L. N. (M)
Huang, S. (S)
Kraus, J. D. (A)
Morton, J. A. (A)
Whitmer, R. M. (A)
Williams, N. H. (A)
Williamson, D. E. (A)
Worel, F. (A)
Wuerfel, R. P. (M)
- Battle Creek
Roof, R. B. (A)
- Bay City
Carpenter, R. H. (A)
- Birmingham
Stahl, T. H., Sr. (A)
- Charlotte
Gay, P. S. (A)
Schultz, F. V. (A)
- Dearborn
Jinks, C. C. (A)
Wiesner, J. B. (S)
- Detroit
Abfalter, H. F. (S)
Adams, R. A. (A)
Armer, A. A. (A)
Bascom, E. R. (A)
Bradley, F. W. (A)
Buchanan, A. B. (M)
Carter, G. W. (M)
Chereton, A. B. (A)
Clark, E. H. (A)
Coates, A. L. (A)
Curtis, R. P. (A)
Davis, C. (A)
Denstaedt, E. C. (M)
Dudeck, P. H. (A)
Dymond, C. W. (A)
Eisen, C. G. (S)
Firestone, S. (A)
Fitzner, B. J. (A)
Frater, G. E. (S)
Friedenthal, A. (A)
Gates, H. A. (M)
Grove, G. A. (A)
Hart, A. D. (S)
Hayes, E. A. (A)
Hess, H. M. (A)
Hoffman, W. R. (A)
Kaserman, F. S. (A)
Katz, L. (S)
King, L. E. (S)
Lebarre, S. D. (A)
Lee, E. H. I. (M)
Leist, L. G. (A)
Lemieux, C. J. (A)
Manning, S. R. (A)
McLennan, M. A. (A)
Osborne, R. L. (A)
Outzen, A. N. (A)
Putnam, E. T. (A)
Roggenbuck, R. A. (S)
Roush, F. H. (A)
Russ, J. A. (A)
Scanlan, R. J. (A)
Schaefer, R. J. (A)
Seielstad, H. D. (A)
Shepley, L. (A)
Shimkus, A. T. (S)
Smeby, L. C. (A)
Tomchuck, J. (A)
Walter, H. (A)
Werner, G. H. (A)
Zatorsky, E. F. (A)
- Grand Rapids
Davis, R. L. (A)
- Hastings
Branch, R. (A)
- Highland Park
Byerlay, H. LeR. (M)
Gould, H. S. (A)
Hubbard, W. B. (A)
Stinson, R. C. (A)
- Holland
De Waard, R. (A)
Tysse, H. L. (A)
- Jackson
Atkins, C. E. (A)
Freeman, S., Jr. (A)
Guyton, J. H. (A)
Jelen, M. J. (A)
Knubbe, H. H. (A)
Morris, L. P. (A)
Nielsen, H. V. (A)
- Kalamazoo
Fetzer, J. E. (M)
Rector, E. W. (A)
- Lansing
McCormick, C. (A)
Wells, L. V. (A)
Willis, E. D. (A)
- Lincoln Park
Lawrence, S. C. (S)
- Marquette
Chudyk, A. B. (S)
- Muskegon
Fonger, C. I. (A)
Garcia, S. C. (A)
Hewitt, C. T. (A)
Krivitzky, G. (A)
- Oxford
Capron, E. S. (A)
- Port Huron
Thrun, R. S. (J)
- Royal Oak
Albiston, A. W. (A)
Frincke, P. O. (A)
Leedy, C. E. (A)
- Three Rivers
Perkins, M. L. (A)
- Wyandotte
Clark, R. K. (A)
Moore, J. B. (A)
Workman, W. B. (A)
- Ypsilanti
Augustus, L. M. (A)
- MINNESOTA
- Anoka
Collier, G. X. M. (A)
Sather, O. J. (S)
- Baudette
Gjelhaug, J. A. (A)
- Duluth
Cosandey, C. J. (A)
Naslund, R. S. (A)
Ross, R. H. (A)
- Eveleth
Lowell, P. (A)
- Fergus Falls
Haagenson, A. (A)
- Minneapolis
Boese, W. C. (S)
Braun, C. M. (A)
- MICHIGAN
- Ann Arbor
Buhl, W. T. (A)
Campbell, G. R. (A)
Chapman, F. W. (S)
Firestone, F. A. (A)
- Ferndale
Griva, E. J. (A)
- Flint
Fallain, F. D. (A)
Neilson, N. S. (A)
- Gaylord
Shannon, C. E. (S)

NEW JERSEY

- Distad, M. (A)
 Findley, L. K. (S)
 Hartig, H. E. (A)
 Henrici, C. R. (S)
 Iversen, I. V. (A)
 Jacobsen, G. K. (A)
 Jenkins, A. F. (S)
 Knox, M. E. (A)
 McKnew, W. H. (A)
 Melloh, A. W. (A)
 Sigford, J. V. (S)
 Silliman, R. M. (S)
 Tynan, T. E. (A)
 Williams, E. C. (S)
 Young, S. B. (A)
- Northfield
 Culver, C. A. (M)
 Jensen, M. O. (A)
- Owatonna
 Hager, F. M., Jr. (S)
- St. Paul
 Abramovich, M. N. (S)
 Carr, L. H. (A)
 Coil, N. B. (A)
 Edwards, H. W. (A)
 French, E. C. (A)
 Janes, C. W. (A)
 Seils, H. A. (A)
 Skifter, H. R. (M)
- Waseca
 Johnson, E. F. (A)
 Olander, L. W. (A)
 Newhouse, A. B. (A)
- Willmar
 Scott, H. M. (A)
- MISSISSIPPI
- Greenwood
 Fausett, F. (M)
 Milborne, S. C. (A)
- Hattiesburg
 Davidson, C. E. (A)
- MISSOURI
- Cape Girardeau
 Hirsch, O. C. (A)
- Independence
 Moler, A. R. (A)
- Joplin
 Butterfield, H. G., Jr. (A)
 Stark, R. J. (A)
- Kansas City
 Burns, C. P. (A)
 Cook, F. W. (A)
 Fouts, A. L. (A)
 Goldenberg, H. E. (A)
 Johnson, W. D. (A)
 Maitland, A. (A)
 Martin, K. H. (A)
 McCurdy, R. G. (A)
 McDonnell, W. J. (A)
 Miller, W. (A)
 Morgan, H. K. (A)
 Schilling, J. T. (A)
 Sigmon, L. C. (A)
 Van Gundy, C. G. (A)
 Wilcox, J. V. (A)
 Wright, D. (A)
- Milan
 Montgomery, B. E. (S)
- Normandy
 Landwehr, I. H. (S)
- North Kansas City
 Turner, C. G. (A)
- Richmond
 Basham, R. (A)
- Rolla
 Frame, F. H. (A)
- St. Joseph
 Koch, J. W. (A)
- St. Louis
 Alcorn, E. B. (A)
 Boskamp, J. B. (A)
 Cloyd, L. W. (A)
 Coe, R. L. (A)
 Cummings, G. M. (A)
 Dickman, K. W. (S)
 Emmerich, C. M. (A)
 Fillmore, F. A. (A)
 Forst, J. A. (A)
 Goodberlet, E. F. (A)
 Groetke, E. A. (A)
 Rekart, A. F. (A)
 Volk, J. A. (A)
 Wardell, W. L. C. (A)
 Zehr, N. J. (A)
- Springfield
 Bauer, F. (A)
 Moss, T. L. (A)
 Ward, G. P. (A)
- University City
 Glasgow, R. S. (M)
 Racen, F. (A)
- Warrensburg
 Bondurant, J. E. (S)
- MONTANA
- Anaconda
 Antonich, P. L. (A)
 Smith, D. E. (A)
- Butte
 Sprague, B. R. (A)
- Great Falls
 Edwards, R. B. (A)
 Parker, J. E. (A)
- Miles City
 Bunn, C. F. (J)
- Shelby
 Stimps, J. R. (A)
- Tishomingo
 Markille, R. G. (S)
- NEBRASKA
- Clay Center
 Price, M. A. (A)
- Falls City
 Chesley, A. D. (A)
- Grand Island
 Anderson, A. (A)
 Graham, H. U. (A)
 Jensen, G. L. (A)
 Renton, R. I. (A)
 Wolf, B. (M)
- Kearney
 Beshore, P. S. (A)
- Lincoln
 Dalton, B. J. (J)
 Harvey, H. C. (A)
 Jensen, J. C. (M)
 Kimberly, H. D. (A)
 Norris, F. W. (M)
 Winkler, C. W. (A)
- McCook
 Coleman, H. E. (A)
- North Platte
 Flebbe, W. E. (A)
- Omaha
 Anderson, J. S. (A)
 Herold, J. L. (A)
 Kotera, W. J. (A)
- Meile, J. W. (A)
 Myers, A. F. (A)
 Veverka, R. E. (A)
 Woolverton, R. B. (F)
- Seward
 Young, K. A. (A)
- NEVADA
- Ecowawe
 Barton, C. G. (A)
- Reno
 Greulich, R. A. (S)
 Sandorf, I. J. (A)
- NEW HAMPSHIRE
- Gorham
 Dodge, J. B. (A)
- Concord
 Evans, C. B. (A)
- Exeter
 Bent, A. E. (A)
- Hancock
 Weston, J. L. (A)
- Manchester
 Rattigan, J. H. (A)
 Stauffer, R. W. (A)
- Seabrook Beach
 Pickard, G. W. (F)
- NEW JERSEY
- Asbury Park
 Rose, C. F. P. (A)
- Atlantic City
 Flett, W. J. (A)
 Strockbine, J. (A)
- Audubon
 Conklin, J. W. (A)
 Morton, G. A. (A)
 Pettengill, G. W. (A)
 Sanders, R. C., Jr. (S)
 Smalts, F. W. (A)
 Wolf, L. J. (A)
- Bayonne
 Brady, J. S. (A)
 Mack, E. J. (A)
- Belleville
 Olsen, E. U. (A)
- Berlin
 Salati, O. M. (S)
- Beverly
 Grimes, D. (M)
- Bloomfield
 Burley, F. E. (A)
 Fuller, F. L. (A)
 Hamilton, H. G. (A)
 Hamvas, L. U. (A)
 Mitchell, C. D. (M)
 Moran, W. G. (A)
 Somers, B. A. (A)
 Upp, C. B. (A)
- Bogota
 Montllor, J. A. (J)
- Boonton
 Albert, W. H. (A)
 Ballantine, S. (F)
 Boesche, F. W. (A)
 Cook, L. (A)
 Cordell, P. C. (A)
 Drake, F. H. (M)
 Ferris, M. (M)
 Haas, J. G. (A)
 Hull, L. M. (F)
 Loughlin, W. D. (F)

NEW JERSEY

- Redington, J. H. (A)
Snow, H. A. (A)
- Bound Brook**
Slezkinsky, G. N. (A)
Stair, D. N. (A)
- Caldwell**
Eberhard, L. E. (A)
Hotopp, A. H., Jr. (M)
- Camden**
Ackerman, M. J. (A)
Adler, B. (A)
Albrecht, H. D. (A)
Anderson, P. A. (M)
Artzt, M. (A)
Batsel, M. C. (F)
Boerner, T. J. (A)
Braden, R. A. (A)
Brail, S. L. (A)
Brandt, M. M. (A)
Carlson, W. L. (A)
Clement, L. M. (F)
Coroniti, S. C. (A)
Creager, F. L. (A)
Cummings, J. J. (A)
Dickey, E. T. (M)
Eaton, T. T. (A)
Engel, F. H. (M)
Engstrom, E. W. (A)
Epstein, D. W. (A)
Fredericks, J. E. (A)
Friel, F. J., Jr. (A)
Gerber, P. D. (A)
Gibbs, W. D. (A)
Goodling, G. G., Jr. (A)
Gubin, S. (A)
Hargrave, W. A. (A)
Harrower, J. C. (A)
Hoch, A. L. (A)
Jones, E. T. (M)
Jones, L. F. (A)
Joyner, A. A. (A)
Karns, M. E. (A)
Koch, W. R. (A)
Landon, V. D. (M)
Levine, I. B. (M)
Lyndon, W. L. (A)
Maloff, I. G. (F)
Massa, F. (A)
Orr, R. W. (A)
Osborn, P. H. (A)
Phillips, L. B. (A)
Pollack, D. (S)
Reeber, H. E. (A)
Rettenmeyer, F. X. (M)
Schaevitz, H. (S)
Schrader, H. J. (A)
Selby, E. O. (A)
Slaybaugh, C. W. (S)
Sussman, H. (A)
Tolson, W. A. (M)
Van Dyke, W. D. (A)
Wendt, K. R. (A)
Wolff, J. (A)
Young, C. J. (A)
Zworykin, V. K. (M)
- Cedar Grove**
Holborn, F. (M)
Nuner, J. F., Jr. (A)
- Chatham**
Kuthe, H. K. (A)
Peterson, A. C., Jr. (A)
Tyson, B. F. (S)
Wing, A. K., Jr. (A)
- Collingswood**
Barton, L. E. (M)
Bedford, A. V. (A)
Beers, G. L. (M)
Clark, E. L. (A)
Cochran, S. W. (A)
Curtiss, A. N. (A)
Davis, R. J. (A)
Gihring, H. E. (A)
- Gluyas, T. M., Jr. (S)
Hollahan, W. E. (A)
Kentner, C. D. (A)
Kozanowski, H. N. (A)
Lindner, H. G. (A)
Peterson, D. W. (S)
Poch, W. J. (A)
Potter, E. H. (A)
Pratt, D. (A)
Richards, H. J. (A)
Turner, A. H. (A)
Walter, J. C. (M)
Waterman, W. (A)
Weible, N. R. (A)
- Cranford**
Buzalski, T. J. (A)
Fulmer, J. W. (A)
Laube, H. W. (A)
Pulley, L. A. (A)
- Deal**
Dale, G. V. (A)
Decino, A. (A)
Eberhardt, G. M. (A) -
Ferrell, E. B. (M) -
Friis, R. W. (A) -
Goodall, W. M. (A)
Hunt, L. E. (M)
Kerwien, A. E., Jr. (A) -
Kirchner, R. J. (A)
Schelleng, J. C. (F) -
Schlaack, N. F. (A) -
Shaw, R. C. (A)
Sowers, N. E. (A)
Sterba, E. J. (A) -
- East Orange**
Bemis, I. S. (A)
Borgeson, C. A. (A)
Butt, H. R. (A)
Curtis, R. C. (A)
Duncan, R. D., Jr. (M)
Gawler, H. C. (M)
Grant, H. A., Jr. (A)
Haefl, A. V. (A)
Hensel, W. G. (A)
Hiller, H. E. (A)
MacAlpine, W. W. (A)
Miller, G. A. (A)
Pearce, C. J. (A)
Peet, E. C. (A)
Pickard, R. W. (A)
Spencer, M. C. (A)
Tuell, R. (A)
Wuchling, J. G. (A)
- Elberon**
Watson, P. E. (A)
- Elizabeth**
Bolton, S. W. (A)
Brick, F. R., Jr. (M)
Cohen, S. (M)
Engel, A. L. (A)
Feindel, A. (A)
Harkins, P. B. (A)
- Englewood**
Amend, A., Jr. (S)
Fink, D. G. (A)
McConnel, W. G. (A)
- Erlton**
Noble, H. V. (M)
Smith, J. P. (A)
- Essex Fells**
Wickersheim, L. W. (A)
- Fanwood**
Todd, H. C. (A)
- Gillette**
Morse, J. E. (A)
- Glassboro**
Snyder, R. L. (A)
- Glen Ridge**
Dart, H. F. (M)
- Deal, H. B. (M)
Kelley, E. K. (A)
Potter, C. R. (A)
Stanton, S. W. (A)
- Glen Rock**
Clark, L. E. (A)
- Great Notch**
Budelman, F. T. (A)
- Guttenberg**
Pramshefer, T. W. (A)
- Grantwood**
Eichorn, C. W. (S)
- Haddonfield**
Baker, I. R. (M)
Blodgett, E. D. (A)
Brokaw, C. A. (A)
Brown, G. H. (A)
Burrill, C. M. (M)
Chittick, K. A. (A)
Coleman, J. B. (M)
Conron, W. H. (A)
Cummings, B. R. (M)
Diehl, W. F. (F)
Fernsler, G. L. (A)
Flaherty, M. (A)
Haydock, J. G., Jr. (A)
Holmes, R. S. (A)
Kell, R. D. (A)
LaPort, E. A. (M)
Murray, A. F. (M)
Newton, H. D. (A)
Rochford, J. P. (M)
Sadenwater, H. (M)
Serrell, R. (A)
Smith, L. C. (A)
Sutherland, E. F. (A)
Terrell, J. A. (A)
Thomas, G. G. (A)
Tilden, M. W. (A)
Trouant, V. E. (A)
Tucker, W. E. (A)
- Haddon Heights**
Allen, H. E. (M)
Graham, M. L. (A)
Oman, N. J. (A)
Rays, H. E. (A)
Scheldorf, R. D. (A)
Smith, J. C. (A)
Stocker, A. C. (A)
Stone, F. B. (A)
- Harrison**
Ayer, R. B. (A)
Borden, C. C. (A)
Burnap, R. S. (A)
Brunet, M. (M)
Burnett, C. E. (A)
Burnside, D. G. (A)
Carroll, M. J. (A)
Clark, T. H. (A)
De Vore, H. B. (A)
Ferris, W. R. (M)
Gibbons, D. R. (A)
Haller, C. E. (A)
Hampshire, R. A. (A)
Hansen, R. K. (A)
Harris, W. A. (A)
Headrick, L. B. (A)
Henry, T. I. (A)
Herold, E. W. (A)
Hirlinger, A. J. F. (A)
Ians, H. A. (A)
James, W. M. (A)
Johnson, H. W. (A)
Jones, M. C. (A)
Judd, F. V. H. (A)
Kauzmann, A. P. (A)
Kilgore, G. R. (A)
Law, R. R. (A)
Lederer, E. A. (M)
Miller, J. M. (F)
Nergaard, L. S. (A)
Nesslage, C. F. (A)

NEW JERSEY

- North, D. O. (A)
 Orth, R. T. (A)
 Perkins, T. B. (A)
 Ritter, E. W. (M)
 Rose A. (A)
 Rose, G. M., Jr. (A)
 Salzberg, B. (A)
 Schafer, E. W. (A)
 Schooley, A. H. (A)
 Shackelford, B. E. (M)
 Shrader, T. M. (M)
 Stinchfield, J. M. (A)
 Swedlund, L. E. (A)
 Thompson, B. J. (M)
 Townsley, F. W. (A)
 Wagener, W. G. (A)
 Wagner, H. M. (A)
 Warner, J. C. (F)
 Widell, E. G. (M)
 Zottu, P. D. (A)
- Hightstown**
 Chasin, G. (A)
 Rapp, W. F., Jr. (J)
- Hillside**
 Winslow, T. P. (A)
- Hoboken**
 Hazeltine, A. (F)
 McAdie, C. H. (S)
 Roters, H. C. (A)
 Stempel, W. M. (A)
- Interlaken**
 Burrows, C. R. (A)
- Irvington**
 Knochel, W. J. (A)
 Mommo, E. J. (A)
- Jersey City**
 Bacon, C. W. (S)
 Benin, Z. (A)
 Bernard, J. L., Jr. (A)
 Blanc, V. (A)
 Boyajeau, J. A., Jr. (S)
 Bremer, H. A. (A)
 Perkins, G. C. (A)
 Samuelson, C. D. (A)
 Swensen, J., Jr. (A)
- Kearny**
 Taylor, T. (A)
- Lakewood**
 Bartolf, H. P. (A)
- Lawrenceville**
 Dayton, B. L. (A)
 Wright, O. (A)
- Leonia**
 Graf, C. A. (A)
 Hoth, D. F. (S)
- Lincoln Park**
 Nordstrom, B. H. (A)
- Little Falls**
 Farnsworth, D. W., (A)
- Little Silver**
 Lowry, L. R. (A)
 Ohl, R. S. (M)
- Livingston**
 Bareiss, M. (M)
 Ports, E. G. (M)
- Long Branch**
 Cooper, W. H. (A)
 Goodwin, E. A. (A)
 Harris, H. (A)
- Madison**
 Caughey, W. K. (A)
 de Coutouly, G. C. (A)
 Felch, E. P. (A)
 Manning, C. T. (M)
 Phelps, W. A. (A)
- Magnolia**
 Banca, M. C. (A)
- Manasquan**
 Skirrow, J. F. (M)
- Maplewood**
 Burns, G. K. (A)
 Cunningham, F. W. (M)
 Darrow, L. H. (A)
 Kline, F. S. (A)
 Pidgeon, H. A. (M)
 Wilder, M. P. (A)
- Matawan**
 Leach, H. B. (A)
- Merchantville**
 Castor, A. H. (A)
 Craig, P. M. (A)
 Douthit, MacL.L. (A)
 Eiselein, J. E. (A)
 Fitzsimons, F. (A)
 Harris, F. M. (A)
 Hauck, V. D. (A)
 Hopkins, A. R. (M)
 McKechnie, J. S. (A)
 More, C. C. (A)
 Paschon, H. E. (A)
 Patterson, E. B. (M)
 Petry, G. F. (A)
 Roe, J. H. (A)
 Sims, W. H., Jr. (A)
 Thompson, L. E. (A)
 Trafton, D. C. (A)
- Millburn**
 Janda, H. A. (S)
 Morris, R. M. (A)
- Montclair**
 Carson, W. G. (A)
 Charton, P. W. (A)
 Coon, C. E. (A)
 de Long, O. A., Jr. (A)
 Hinch, A. J., Jr. (A)
 Mourontseff, I. E. (A)
 Sprague, V. G. (A)
- Moorestown**
 Ballentine, E. C. (M)
- Morristown**
 Foster, D. E. (M)
 Leoser, T. S. (M)
 Morrison, H. (A)
- Mountain Lakes**
 Osterland, E. H. (A)
 Parkes, A. W., Jr. (A)
 Wheeler, C. M. (A)
 Wilson, J. R. (M)
- Mountain View**
 Tiffany, J. M. (A)
- Mount Ephraim**
 McKinney, R. S. (A)
- Netcong**
 Reichard, W. C. (A)
- Newark**
 Backer, L. A. (A)
 Brettell, G. A., Jr. (S)
 Browning, S. D. (A)
 Byrne, P. F. (A)
 Chun, H. H. (A)
 Crosby, R. (A)
 Eells, M. M. (A)
 Erstad, J. (A)
 Glauber, J. J. (A)
 Goodwin, W. N., Jr. (M)
 Hardwick, A. H. (M)
 Hooven, M. D. (A)
 Kandoian, A. G. (A)
 Lamb, F. X. (A)
 March, P. S. (A)
 Merrill, H. M. (A)
 Miller, J. H. (M)
 Morelock, O. J., Jr. (A)
- Peters, J. L. (A)
 Romander, H. (A)
 Royden, G. T. (F)
 Smith, H. I. (A)
 Vogel, C. P. (A)
- New Brunswick**
 Kahn, L. (A)
 Kennedy, E. D. (A)
- North Arlington**
 Johnson, H. C. (A)
 Meier, W. L. (A)
 Sumpter, P. B. (A)
- North Bergen**
 Campbell, A. G. (A)
- Nutley**
 Barlow, W. A. (S)
 Curtis, L. B. (A)
- Oakhurst**
 Schafer, J. P. (M)
- Oaklyn**
 Banks, C. R. (A)
 Boswell, J. R. (A)
 Dyson, H. R. (A)
 Flodman, L. J. (A)
 Flory, L. E. (A)
 Fowler, L. T. (A)
 Gleason, H. H. (M)
 Harvey, R. L. (A)
 Priebe, F. K. (A)
 Short, D. W. (A)
 Teaf, J. H. (A)
- Oceanport**
 Cole, R. I. (A)
 Hessel, J. (A)
 Inslerman, H. E. (A)
 Murphy, W. H. (M)
 Noyes, R. H. (A)
- Oradell**
 Brackett, H. H. (A)
- Orange**
 Dunning, O. M. (A)
 Jacobus, H. R. (A)
- Palisade**
 Doersam, P. D. (S)
 Marsden, B. (A)
- Passaic**
 Berger, H. C. (A)
 Post, G. W. (A)
- Paterson**
 Bleil, F. J. (A)
- Penns Grove**
 (Douglass, W. A. (A)
- Pitman**
 Hoffman, W. H. (A)
- Plainfield**
 Boise, E. B. (A)
 Cumming, K. N. (M)
 Haggmann, N. (A)
 Siegelin, C. O. (A)
 Thompson, E. H. (S)
 Walz, R. F. (A)
 Whelan, D. O. (M)
- Pompton Plains**
 Mayberry, R. J. (A)
- Princeton**
 Cooper, J. C., Jr. (A)
 Roberts, W. VanB. (F)
- Rahway**
 Gibson, R. D. (A)
- Red Bank**
 Beck, A. C. (A)
 Bruce, E. (M)
 Crawford, A. B. (A)
 Englund, C. R. (F)
 Feldman, C. B. (A)

NEW JERSEY

Hollywood, J. M. (A)
 Jansky, K. G. (M)
 King, A. P. (A)
 Mumford, W. W. (A)
 Pierce, N. J. (A)
 Ring, D. H. (A)
 Sharpless, W. M. (A)
 Southworth, G. C. (M)

Ridgefield Park
 Koechel, W. P. (A)
 Smith, A. E. (A)

Ridgewood
 Bondy, H. A. (A)
 Cahill, W. J. (A)
 Replegle, D. E. (M)
 Smith, T. A. (A)

River Edge
 Ennis, F. T. (A)

Riverton
 Beegle, D. H. (S)
 Little, D. S. (A)

Roselle
 Peterson, J. N. (A)

Roselle Park
 McNicol, D. (F)

Rumson
 Friis, H. T. (F)

Runnemede
 Demmer, A. H. (A)

Rutherford
 Bailey, W. F. (A)
 Gage, D. H. (M)
 Handler, H. (S)
 Kannenberg, W. F. (A)
 Schwerin, P. (M)
 Wattson, H. B. (A)

Salem
 McCloskey, J. D. (J)
 Morton, R. S. (A)

Somerdale
 Morgan, J. M. (A)

South Orange
 Curtis, A. M. (M)
 Field, W. T. (A)
 Miller, H. J. (M)
 Stanwick, C. A. (A)

South Plainfield
 Bailey, W. M. (M)

Summit
 Lamb, J. M. (A)
 Richards, P. A. (A)
 Rockwood, G. H., Jr. (A)
 Schmit, D. F. (A)

Teaneck
 O'Brien, W. J. (A)
 Shelby, R. E. (M)

Tuckerton
 Munzer, L. F. (A)
 Thropp, C. H. (A)

Union
 Edwards, J. B. (A)

Union City
 Braun, H. C. (S)
 Zweifel, F. A. (S)

Upper Montclair
 Du Mont, A. B. (F)
 Godley, F. F. (A)
 Hitchcock, R. C. (M)

Verona
 Butler, H. R. (A)
 Morrison, G. K. (A)
 Perkins, W. M. (M)
 Spitzer, E. E. (A)

West Caldwell
 Willis, F. C. (A)

West Collingswood
 Henderson, R. A. (A)
 Perry, S. V. (A)

Westfield
 Greis, W. K. (A)
 Hanson, F. E. (A)

Westmont
 Anderson, L. J. (A)
 Bainbridge, A. S. (A)
 Fredendall, G. L. (A)
 Gottier, T. L. (A)
 Grundmann, G. L. (A)
 Hubbard, B. L. (A)
 Pulley, A. A. (A)
 Trainer, M. A. (A)

West New York
 Thomas, W. E. (A)

West Orange
 Bain, J. C. (A)
 Edison, T. M. (A)
 Kispagha, A. W. (M)
 Martin, DeL. K. (M)
 Olesen, H. L. (M)
 Shangraw, C. C. (M)

Westville
 Demuth, G. W. (A)

Westwood
 Otto, E. D. (A)

Whippany
 Doherty, W. H. (M)
 Goss, F. A. (A)
 Kuzela, E. V. (A)
 Olmstead, N. C. (A)
 Robinson, A. L. (A)
 Smith, P. H. (A)

NEW MEXICO

Albuquerque
 Mallory, R. R. (S)

Santa Fe
 Remley, H. L. (A)

Tucumcari
 Martin, J. L. (A)

NEW YORK

Albany
 Marsh, P. F. (A)
 Mingsins, C. R. (A)
 Smith, H. E. (A)
 Snyder, N. (M)
 Wolberg, L. (A)

Annandale-on-Hudson
 Hughes, H. K. (A)

Baldwin, L.I.
 Egoif, R. S. (A)
 Fortin, P. R. (A)

Batavia
 Nodine, W. I. (A)

Beacon
 Ritchie, A. V. (A)

Bellerose, L.I.
 Peterman, W. G. (A)
 Speicher, J. D. (A)

Bellmore, L.I.
 Glaser, E. M. (A)

Binghamton
 Gilbert, L. H. (A)
 Nichols, H. J. (A)

Brighton
 Balling, A. W. (A)
 Esten, P. W. (A)

Bronxville
 Elliott, D. A. (A)
 Hendricks, P. S. (A)
 Lord, R. (A)
 Weinberger, J. (F)

Buffalo
 Andriatch, N. D. (A)
 Bennett, P. A. (A)
 Bruch, R. (A)
 Burbank, J. (A)
 Cron, G. C., Jr. (M)
 Croysdill, W. T. (A)
 Cutting, F. (F)
 Gasparovitch, S. (A)
 Giovanini, F. (A)
 Hector, L. G. (A)
 Hoffman, K. B. (A)
 Huber, C. W. (A)
 Johnson, J. A. (A)
 Kingsley, R. J. (A)
 Koontz, K. K. (A)
 Korts, H. G. (A)
 Neelon, W. J. (A)
 Pacholke, F. (A)
 Roy, E. H. (A)
 Schmidt, F. W., Jr. (A)
 Seeman, W. F. (A)
 Smith, F. J. (A)
 Taylor, J. L. (A)
 Telaar, T. J. (A)
 Waud, E. C. (A)

Canandaigua
 Goering, R. A. (A)
 Thompson, J. M. (A)

Canton
 Priest, W. C. (A)

Cedarhurst, L.I.
 Mercier, A. E. (A)

Clarendon
 Allis, B. A. (A)

Coldwater
 O'Brien, J. C. (A)

Congers
 Christman, C. J. (A)

Corning
 Guyer, E. M. (A)
 Taubert, W. H. (A)

Delmar
 Denny, W. B. (S)

East Aurora
 Andrews, R. W. (A)

Eggertsville
 Forbes, H. C. (M)

Endwell
 Tholstrup, H. (A)

Floral Park, L.I.
 Densham, R. S. (A)

Freeport, L.I.
 Barone, S. A. (A)
 Thompson, R. G. (A)
 Wardlow, C. A. (A)

Garden City, L.I.
 Dunn, L. J. (M)
 Henny, K. (M)
 White, R. F. (A)

Garrison
 Gordon, M. K., Jr. (A)

Grahamsville
 Condren, J. M., Jr. (S)
 Gillette, K. G. (A)

- Great Neck, L.I.
Lewis, H. M. (M)
Wheeler, H. A. (F)
- Greenport, L.I.
Boerum, H. S. (A)
Wood, R. H. (A)
- Hartsdale
Engelhardt, G. B. (A)
Smith, S. B. (M)
- Hempstead, L.I.
Akre, R. O. (A)
Pell, W. F., Jr. (A)
Pfautz, C. E. (A)
- Hempstead Gardens, L.I.
Westman, H. P. (M)
- Hicksville, L.I.
Zurian, P. D. (A)
- Hurley
Kent, G. C. (A)
- Ithaca
Atwood, J. B. (A)
Moeder, W. D. (A)
Smith, H. G. (A)
Sohn, H. (A)
Webb, J. S. (A)
- Kenmore
Cameron, J. A. (A)
Noel, L. S. (A)
Schultz, A. F. (A)
Smith, G. G. (A)
Tittle, H. C. (A)
Winfield, W. S. (A)
- Larchmont
Blasi, E. A. (A)
Nilson, A. R. (M)
- Laurelton, L.I.
Glaser, M. (A)
Lurie, E. M. (A)
- Leroy
Lapp, R. S. (A)
- Lockport
Connette, T. W. (A)
Fiedler, L. (A)
- Lynbrook, L.I.
Fedotoff, N. V. (A)
Kaiser, H. (A)
Maresca, J. F. (A)
- Macedon
Thistlethwaite, W. G. (A)
- Malverne, L.I.
Callahan, J. L. (M)
- Manhasset, L.I.
Cawein, M. (M)
- Massapequa, L.I.
Baumach, E. L. (A)
- Medina
Stanko, E. (A)
- Middletown
Callender, E. R. (A)
- Mineola, L.I.
Phillipps, R. J. (A)
- Monsey
Muller, F. (M)
- Mount Vernon
Dorschug, H. A. (A)
Ferres, A. M. (A)
Gati, B. (A)
Kahn, E. C. (A)
Mullen, W. C. (A)
Podell, S. (A)
Stone, C. G., Jr. (A)
Stromeyer, C. F. (A)
- New City
Doellner, LeR. J. (A)
- New Rochelle
Felix, E. H. (M)
Kelly, C. M., Jr. (A)
- New York
(Includes Bronx and Manhattan. For New York City see also Brooklyn, Queens, and Staten Island which follow.)
Adams, I. J. (M)
Adamson, A. A. (S)
Affel, H. A. (A)
Alexander, L. (A)
Amy, E. V. (M)
Anderson, C. N. (F)
Anderson, H. L. (S)
Ansley, A. C. (A)
Appel, H. W. (A)
Armstrong, E. H. (F)
Arnold, J. W. (A)
Arnsen, L. (M)
Ashby, A. L. (A)
Atkin, R. (A)
Atwood, S. (A)
Aull, W., Jr. (M)
Ayer, O. G. (A)
Babcock, S. M. (A)
Bagnall, V. B. (A)
Bailey, A. (F)
Bailey, A. B. (A)
Bair, R. S. (M)
Balsley, J. R. (A)
Barkley, W. J. (M)
Barlow, D. S. (A)
Batcheller, A. (M)
Batchelor, J. C. (A)
Beal, R. R. (A)
Beins, J. K. (A)
Berhalter, J. J. (A)
Betts, P. H. (A)
Beverage, H. H. (F)
Biber, L. R. (A)
Binns, J. R. (A)
Black, D. M. (A)
Black, K. C. (M)
Black, W. L. (M)
Blackmar, A. E., Jr. (A)
Blackwell, O. B. (F)
Block, W. S., Jr. (A)
Boehme, H. O. (M)
Boghossian, W. H. (S)
Bomberger, D. C. (S)
Borst, J. M. (A)
Bose, J. H. (A)
Bostwick, L. G. (A)
Bown, R. (F)
Boymel, B. (A)
Brenner, B. (A)
Brooks, T. A. (A)
Brown, D. S. (A)
Brown, W. A. R. (A)
Bruggeman, J. T. (A)
Brunn, R. B. (A)
Budenbom, H. T. (A)
Bullard, W. R. (A)
Burghard, G. E. (M)
Burton, E. T. (A)
Busch, W. R. (A)
Buttner, H. H. (M)
Byrnes, I. F. (A)
Caldwell, O. H. (M)
Campbell, C. H. (A)
Campbell, R. D. (A)
Capen, W. H. (M)
Carlebach, W. M. (A)
Carlton, R. C. (A)
Carson, J. R. (M)
Case, H. M. (A)
Case, N. P. (M)
Cassell, J. L. (A)
Chaffee, J. G. (A)
Chamberlain, A. B. (M)
Chipp, R. D. (A)
Christides, S. C. (A)
Chu, Q. Y. (A)
Coggeshall, I. S. (M)
Cohan, E. K. (M)
Cohn, H. (M)
Coles, F. A. (A)
Colpitts, E. H. (F)
Cousins, V. M. (A)
Cowan, F. A. (M)
Crawford, J. D. (A)
Crews, F. H. (A)
Crosby, G. L. (M)
Custer, C. J. (A)
Deakin, G. (A)
Dean, C. E. (M)
de Friesse, F. C. (A)
Demarest, C. S. (M)
Desnoes, A. B. (A)
Diehl, C. W., Jr. (A)
Dietrich, F. (A)
Dietzsch, C. G. (A)
Dietsze, E. (A)
Dinsdale, A. (M)
Donald, D. D. (A)
Donovan, W. E. (A)
Downing, H. L. (A)
Dubilier, W. (F)
Dudley, B. (A)
Dudley, H. W. (M)
Duncan, R. S. (A)
Dunlap, O. E., Jr. (M)
Dunn, G. (F)
Dunning, J. R. (A)
Durkee, L. (A)
Duttera, W. S. (A)
Dyer, J. N. (A)
Eaves, A. J. (M)
Ekstrom, E. J. (A)
Elmendorf, C. H. (S)
Engel, G. C. (A)
Evenschied, L. (F)
Evans, H. W. (S)
Everett, L. C. (M)
Facey, J. W. (A)
Farrand, C. L. (F)
Fay, C. E. (A)
Filmer, W. L. (A)
Finch, W. G. H. (M)
Fischer, H. B. (A)
Fischer, L. O. (A)
Fitch, W. A. (A)
Flomenbaum, H. (A)
Fossati, L. R. (A)
Frank, E. W. (A)
Fredendall, B. F. (A)
Freeman, R. H. (A)
Gannett, D. K. (M)
Gay, J. E. (A)
Geoghegan, E. D. A. (A)
Gerstein, M. G. (A)
Ghirardi, A. A. (M)
Giannini, G. M. (A)
Gilbert, J. J. (A)
Gilman, G. W. (A)
Glass, M. S. (A)
Goldmark, P. C. (A)
Goldsmith, A. N. (F)
Graham, F. H. (A)
Green, C. B. (A)
Green, E. I. (M)
Greengard, J. E., Jr. (A)
Greenstein, P. (A)
Griffiths, C. M. (A)
Groselose, S. K. (A)
Grosselinger, W. H. (A)
Grover, H. G. (M)
Gruetzke, C. P. (A)
Grumman, F. W. (A)
Guild, B. (M)
Gutshall, R. W. (A)
Guy, R. F. (M)
Halligan, C. W. (A)
Hammerich, H. A. (A)
Hanley, J. F. (A)
Harley, J. B. (A)
Harnett, D. E. (M)
Harrison, P. W. (A)

NEW YORK

- Harry, W. R. (S)
 Hart, H. C. (A)
 Hartley, R. V. L. (F)
 Hartman, C. D. (A)
 Hatfield, L. N. (A)
 Heberlein, A. A. (A)
 Hedburg, C. A. (S)
 Hefele, J. R. (A)
 Heins, J. L. (A)
 Heising, R. A. (F)
 Hemberger, E. F., Jr. (A)
 Herber, J. C. (A)
 Hight, S. C. (A)
 Hiller, N. H. Jr. (A)
 Hintz, R. T. (A)
 Hodges, A. R. (A)
 Hogan, J. V. L. (F)
 Hopfenberg, J. A. (A)
 Horle, L. C. F. (F)
 Horn, C. W. (F)
 Horne, C. F., Jr. (A)
 Hornung, J. L. (M)
 Houck, H. W. (M)
 Hovgaard, O. M. (M)
 Howe, W. C. (A)
 Howell, C. A. (A)
 Howell, W. J. (M)
 Hubbard, F. A. (A)
 Huchberger, A. P. (A)
 Hudack, J. M. (A)
 Hutcheson, G. C. (A)
 Ingram, S. B. (A)
 Isele, H. A. (A)
 Israel, D. D. (M)
 James, V. N. (A)
 Janke, H. A. (M)
 Jean, R. P. (A)
 Jensen, A. G. (M)
 Jewett, F. B. (F)
 Johnson, E. S. (A)
 Johnson, E. O. (A)
 Johnstone, W. M. (A)
 Jolliffe, C. B. (F)
 Kalb, R. M. (A)
 Kalv, P. D. (A)
 Kammerer, F. W. (A)
 Keller, A. C. (A)
 Kelly, M. J. (M)
 Kennedy, W. A. (A)
 Kimball, C. N. (A)
 King, K. L. (A)
 Kleinkauf, J. D. (A)
 Klinke, H. O. (A)
 Knapp, J. F. (A)
 Knoop, W. A. (A)
 Koerner, L. F. (A)
 Kohler, H. W. (A)
 Kolster, F. A. (F)
 Korper, G. W., Jr. (A)
 Kranz, F. W. (A)
 Kreuzer, B. (A)
 Krauth, E. A. (A)
 Kuhn, A. S. (A)
 Kunc, F. (A)
 Kunins, M. K. (A)
 Lack, F. R. (A)
 Ladner, H. (A)
 Lakatos, E. (A)
 Lane, F. A. (A)
 Langdon, G. G. (A)
 Langley, R. H. (F)
 Lawrence, W. L. (A)
 Lawsine, L. (A)
 Lebel, C. J. (A)
 Lenigan, T. E. (A)
 Lent, W. C. (M)
 Leslie, F. (A)
 Levin, S. A. (A)
 Levy, A. K. (A)
 Levy, L. (A)
 Lewis, E. H. (A)
 Lewis, G. H. (M)
 Lindsay, M. H. A. (A)
 Llewellyn, F. B. (A)
 Lodge, W. B. (A)
 Logan, M. A. (A)
 Long, M. B. (A)
 Looney, H. C. (A)
 Loughren, A. V. (M)
 Loynes, O. H. (A)
 Lynch, A. H. (M)
 MacDonald, W. A. (M)
 Mamarchev, D. (A)
 Manley, E. (A)
 Marrison, W. A. (M)
 Marshall, R. W. (S)
 Martin, H. B. (A)
 Marx, F. L. (A)
 Mason, W. P. (A)
 Mathes, R. E. (A)
 Mayer, E. E. (F)
 McCann, T. A., 3rd (A)
 McCutchen, B. S. (F)
 McElrath, G. (M)
 McGirr, W. P. (A)
 McIntosh, F. H. (M)
 McLagan, D. R. (A)
 McMaster, L. L., Jr. (A)
 McNally, J. O. (A)
 McSweeney, R. (A)
 Mendenhall, H. E. (A)
 Meyer, H. W. (A)
 Mezger, G. (A)
 Milinowski, A. S., Jr. (A)
 Miller, D. H. (A)
 Miller, R. A. (A)
 Mills, J. (F)
 Milnor, J. W. (M)
 Misenheimer, H. N. (M)
 Mitchell, I. A. (A)
 Morrison, J. F. (M)
 Muller, J. H. (A)
 Nakamura, T. (M)
 Nekut, A. G. (J)
 Nelson, E. L. (M)
 Nimmcke, F. E. (A)
 Neville, T. P. (A)
 Newhouse, R. C. (A)
 Nicely, R. N. (A)
 Nicholides, E. C. (A)
 Nichols, L. C. (A)
 Nickerson, F. W. (A)
 Nielsen, J. E. (A)
 Nisley, P. H. (A)
 Nordahl, J. G. (A)
 Norton, F. R. (A)
 O'Donohue, J. P. (A)
 Osborne, H. S. (M)
 Ostrolenk, S. (A)
 Oswald, A. A. (F)
 Overmiller, C. M. (A)
 Pacent, L. G. (F)
 Padrusch, J. J. (J)
 Pannill, C. J. (F)
 Parker, C. V. (S)
 Parker, O. B. (M)
 Parker, R. D. (A)
 Patorno, G. E. (A)
 Pavlow, N. (A)
 Pease, R. M. (M)
 Pegram, G. B. (A)
 Penick, D. B. (A)
 Peterson, E. (M)
 Peterson, L. C. (A)
 Pfeffer, N. (A)
 Phelan, T. H. (A)
 Pierce, J. R. (S)
 Pierrepont, J. J. (A)
 Piety, R. G. (A)
 Polkinghorn, F. A. (A)
 Poole, R. E. (M)
 Poppele, J. R. (A)
 Porter, B. H. (A)
 Potter, R. K. (M)
 Potts, J. H. (A)
 Pratt, H. (F)
 Price, H. S. (M)
 Purcell, R. H. (A)
 Ransom, G. B. (A)
 Rau, D. S. (A)
 Reid, R. J. (A)
 Reiling, P. A. (A)
 Roach, A. E. (F)
 Reynolds, J. L. (A)
 Riddle, E. R. (A)
 Rider, J. F. (A)
 Ridgway, J. L. (A)
 Riesenkonig, H. (A)
 Robbins, L. R. (M)
 Rose, A. F. (M)
 Rossi, R. J. T. (A)
 Rumpel, C. H. (A)
 Russell, J. B., Jr. (A)
 Ryan, F. M. (M)
 Salzberg, A. (A)
 Sampson, H. E. (A)
 Samuel, A. L. (A)
 Sargeant, C. E. (A)
 Sarnoff, D. (F)
 Saunders, H. M. (A)
 Schechter, J. (A)
 Schenke, K. P. (A)
 Schlicher, K. G. (A)
 Schmied, J. W. (A)
 Schneider, R. E. (A)
 Schneider, W. A. (M)
 Schnell, N. (A)
 Scholz, C. E. (M)
 Schottland, F. D. (A)
 Schuetz, R. F. (M)
 Secombe, W. T. (A)
 Secor, H. W. (A)
 Seger, L. (A)
 Seibert, J. L. (A)
 Senauke, A. (M)
 Shackleton, S. P. (M)
 Shannon, J. H. (M)
 Sharp, W. O. (A)
 Sherman, J. B. (A)
 Shore, H. (M)
 Shute, E. R. (M)
 Sievers, E. S. (A)
 Silberstein, R. (A)
 Simon, E. J. (F)
 Simon, W. C. (M)
 Slade, B. (A)
 Slater, F. L. (A)
 Smack, J. C. (A)
 Smith, A. Z. (A)
 Smith, G. L. (A)
 Smith, J. W. (A)
 Smith, K. D. (A)
 Smith, M. T. (M)
 Snow, W. B. (A)
 Sonkin, D. (M)
 Speed, R. B. (A)
 Spence, P. W. (A)
 Sprague, C. A. (M)
 Stansel, F. R. (M)
 Stone, E. W. (F)
 Strieby, M. E. (M)
 Swain, R. R. (A)
 Sweeney, C. P. (A)
 Synnott, B. (A)
 Talmey, P. (A)
 Taussig, C. W. (A)
 Taylor, C. H. (F)
 Taylor, E. R. (A)
 Taylor, E. G. (M)
 Taylor, S. G. (M)
 Taylor, W. H. (M)
 Theremin, L. (A)
 Thieblemont, A. H. (A)
 Thomas, E. R. (A)
 Thompson, A. C. (A)
 Thomson, H. M. (A)
 Tierney, W. L. (M)
 Tinus, W. C. (M)
 Toth, A. (A)
 Tower, O. W. (M)
 Towner, J. (A)
 Turner, A. (A)
 Ulrich, V. K. (S)
 Vanacore, T. (A)
 Veazie, E. A. (A)
 Vehling, R. H. (A)
 Wald, D. (A)
 Waring, J. T. (A)
 Waterman, F. N. (M)
 Waxler, B. (A)
 Weiland, C. F. V. L. (A)

NEW YORK

Wertheimer, S. M. (A)
 Whistler, J. P. (A)
 White, F. E., Jr. (A)
 Whittemore, L. E. (F)
 Willard, G. W. (A)
 Willis, F. H. (A)
 Wilmotte, R. M. (M)
 Wilson, D. B. (A)
 Wilson, W. (F)
 Winterbottom, W. A.
 (M)
 Wintringham, W. T. (A)
 Wise, W. H. (M)
 Wittlig, P. F. (A)
 Wolff, S. (A)
 Woods, W. A. (A)
 Woodward, V. M. (A)
 Woodworth, F. B. (M)
 Wright, S. B. (A)
 Young, O. D. (F)
 Youngstrom, N. C. (A)
 Zeamans, H. R. (A)
 Zima, C. L. (S)

BROOKLYN

Ackerlind, E. (A)
 Auerbach, I. (A)
 Becken, E. D. (A)
 Bernstein, C. M. (A)
 Bower, J., Jr. (A)
 Brimberg, I. (A)
 Castle, D. H. (A)
 Chernow, M. (A)
 Conviser, H. (A)
 D'Agostino, V. F. (A)
 Day, G. (A)
 De Mann, W. A. (A)
 De Myer, H. (A)
 Dreyer, J. F., Jr. (A)
 Ensmann, B. (A)
 Evans, P. H. (F)
 Fishberg, S. L. (A)
 Florez, H. (A)
 Greibach, E. H. (A)
 Haas, M. J. (A)
 Hall, R. E. (A)
 Hare, M. L. (A)
 Hart, G., III (J)
 Hesse, H. R. (A)
 Holetz, A. C. (A)
 Hutchinson, H. P. (A)
 Jones, C. B. (A)
 Kalish, A. (A)
 Kaplowitz, M. (A)
 Kinney, G. F. (A)
 Kirdahy, E. (A)
 Kovacs, S. (A)
 Kurrelmeyer, B. (M)
 Kurtz, J. A. (A)
 Levine, H. (A)
 Likel, H. C. (A)
 Lush, W. G. (M)
 Marcuvitz, N. (S)
 Marriott, R. H. (F)
 Mazyck, E. H. (A)
 Mazzola, J. R. (A)
 McLaughlin, T. J. (A)
 Miller, M. L. (A)
 Morton, A. R. (M)
 Moseley, F. L. (A)
 Mucher, G. J. (A)
 Nagy, A. W. (A)
 Nestor, J. (J)
 Oliver, G. E. (M)
 Patrone, E. F. (A)
 Pekin, H. T. (S)
 Reinecke, B. V. (A)
 Ringel, A. (M)
 Rojas, F. R. (A)
 Rosenbaum, A. H. (A)
 Rosenbaum, I. (A)
 Rothenberg, S. M. (A)
 Salzman, D. (A)
 Santos, A. (A)
 Schiffman, S. (A)
 Schumacker, A. L. (A)

Silver, B. L. (A)
 Skinker, M. F. (A)
 Stobbe, J. A. (A)
 Stromwall, C. W. (A)
 Talley, D. (A)
 Testan, P., Jr. (A)
 Tuckerman, L. P. (M)
 Vartanian, A. A. (A)
 Von Baudissin, J. (A)
 Weinberg, S. (A)
 White, R. L. (S)
 Whitehead, J. C. (A)
 Williams, H. T. (A)
 Winchell, W. H. (A)
 Wolk, N. I. (S)
 Wynne, W. M. (A)
 Zeiger, L. B. (A)

QUEENS

ASTORIA, L.I.
 Brady, W. (A)
 Graham, W. A. (A)
 Miller, E. C. (A)
 Simmons, R. A. (A)
 Soukup, J. E. (A)
 BAYSIDE, L.I.
 Fultz, M. E. (A)
 Goodale, E. D. (A)
 Lyons, W. (A)
 Richardson, A. G. (M)
 Valentine, R. D. (A)
 Whitman, V. E. (A)
 BELLAIRE, L.I.
 Shea, R. F. (M)
 FLUSHING, L.I.
 Barber, A. W. (A)
 Caumont, A. F. (A)
 Farrington, J. F. (F)
 Hana, T. C. (A)
 Hopkins, E. J. (A)
 Huff, J. L. (A)
 Lebert, A. W. (A)
 Scofield, R. W. (A)
 Taylor, P. H. (A)
 Toth, E. (A)
 Troxler, L. J., Jr. (A)
 FOREST HILLS, L.I.
 Bonanno, J. L. (A)
 Canavaciol, F. E. (M)
 Finnigan, C. W. (A)
 Gentsch, M. F. (A)
 Oram, D. K. (A)

HOLLIS, L.I.
 Caputo, N. J. (A)
 Srebroff, C. M. (M)
 JACKSON HEIGHTS, L.I.
 Burroughs, G. S. (A)
 Connor, G. C. (A)
 Darwin, F. A. (S)
 Heindel, H. J. (A)
 Hickman, C. N. (A)
 Kelley, L. A. (A)
 Mead, P. R. (A)
 Monfort, R. A. (A)
 Neiman, W. E. (A)
 Rankin, J. A. (A)

JAMAICA, L.I.
 Stellwagen, F. W. (A)

LITTLE NECK, L.I.
 de Neuf, D. K. (A)
 Kunicky, B. F. (A)
 Schultes, M. F. (A)

LONG ISLAND CITY, L.I.
 Dinga, E. W. (A)
 Martin, L. (M)
 Thompson, S. T. (A)
 White S. Y. (M)

OZONE PARK, L.I.
 Hansen, E. L. (A)
 Kahn, A. (A)

QUEENS VILLAGE, L.I.
 Gaydos, G. J. (A)
 Joss, E. T. (A)
 Sypher, E. L., Jr. (A)

REGO PARK, L.I.
 Gunther, F. A. (M)
 Wilkens, W. B. (A)

RICHMOND HILL, L.I.
 Jacobs, F. (A)
 Leyh, W. D. (A)

ST. ALBANS, L.I.
 Batcher, R. R. (M)
 McDougall, J. A. (S)

WHITESTONE, L.I.
 Holzer, T. E. (A)
 Lederhaus, H. W. (A)

WOODHAVEN, L.I.
 Culmone, F. T. (A)

WOODSIDE, L.I.
 Gamble, W. T. (A)
 Lyle, A. E. (M)
 Reuman, W. H. (A)

STATEN ISLAND
 Reynolds, W. W. (A)

NEW DORP, S.I.
 Hoffman, R. W. (A)
 Ligh, C. (M)
 Nelson, C. F. (M)

RANDALL MANOR, S.I.
 Rodwin, G. (A)

WEST NEW BRIGHTON, S.I.
 Wilby, E. W. (A)
 Wilbur, E. C. (A)

Niagara Falls
 Dovec, B. A. (A)
 Lidbury, F. A. (A)
 Rogers, K. E. (A)

North Pelham
 Cockaday, L. M. (M)
 Siebert, G. W., Jr. (A)

North Tarrytown
 Akin, R. M. (A)

North Tonawanda
 Christensen, A. B. (A)
 Hayslett, LaM. E. (A)
 Manning, F. W. (A)
 Riggs, J. H. (A)
 Schmidt, F. M. (A)

Norwich
 Huntley, K. L. (A)

Nyack
 Ames, J. T. (A)

Oceanside, L.I.
 Dreyer, H. W. (M)

Orient
 Vail, L. G. (A)

Ossining
 Rappaport, M. (A)

Pearl River
 Baker, C. I. (M)

Pelham Manor
 Secley, S. W. (A)

Point Pleasant
 Moxon, A. W. (A)

NEW YORK

Port Chester

Darling, A. I. (A)
Fingerle, W., Jr. (S)

Port Jefferson, L.I.

Carter, P. S. (A)
Dow, O. E. (A)
Hansell, C. W. (M)
Lindenblad, N. E. (M)

Port Washington, L.I.

Hafner, G. M. (A)

Potsdam

Maylott, C. F. (A)

Poughkeepsie

Mahler, R. J. (A)
Northrop, P. A. (A)
Underhill, G. H. (A)

Richfield Springs

Täber, I. D. (A)

Riverdale-on-Hudson

Baum, D. C. (S)
Freed, J. D. R. (F)

Riverhead, L.I.

Bond, E. F. (A)
Braaten, A. M. (A)
Crosby, M. G. (A)
George, R. W. (A)
Goddard, D. R. (A)
Katzin, M. (A)
Lindow, L. L. (A)
MacLean, K. G. (A)
Moore, J. B. (A)
Peterson, H. O. (M)
Rundquist, E. C. (A)
Saphir, F. (A)
Schock, R. E. (A)
Schoenborn, F. J. W. (A)
Trevor, B. (A)
Wickizer, G. S. (A)
Winans, P. V. (A)

Rochester

Anderson, R. S. (A)
Angevine, O. L., Jr. (A)
Bellor, W. F. (A)
Biggar, R. A. (A)
Boberg, C. P. (S)
Brown, H. A. (A)
Bullis, O. F. (A)
Clarke, M. H. (A)
Cotter, W. F. (A)
Craih, J. F. (S)
Du Bridge, L. A. (A)
Fisher, H. F. (A)
Gordon, H. E. (A)
Hanover, E. A. (A)
Henderson, K. L. (A)
Huntington, M. B. (A)
Karker, E. C. (A)
Klumb, H. J. (A)
Lawrence, H. E. (A)
Lowry, C. A. (M)
Manson, R. H. (F)
McCanne, L. (A)
Misener, G. C. (A)
Ruth, R. A. (A)
Schoen, A. L. (A)
Sullivan, R. (A)
Wallis, C. T. (A)

Rockville Center, L.I.

Cardwell, A. D. (A)
Harper, A. E. (M)
Hinnens, F. A. (F)
Leuteritz, H. C. (A)
Uzmann, J. G. (M)

Rocky Point, L.I.

Clifton, B. S. Y. (M)
Finch, J. L. (M)
Goldstine, H. E. (A)
Kroger, F. H. (F)
Martin, C. A. (S)

McKesson, L. J. (A)
Peterson, L. E. (A)
Usselman, G. L. (A)

Rome

Fitch, J. A. (A)

Roosevelt, L.I.

Adachi, W. Y. (A)

Sayville, L.I.

Hart, F. A. (A)
Sprague, R. M. (A)

Scarsdale

Appel, J. H., Jr. (A)
Fearing, J. L. (A)

Schenectady

Alexanderson, E. F. W. (F)

Andrews, P. D. (M)
Bartelink, E. H. B. (A)
Broughton, W. G. (A)
Brown, T. G. (S)
Brown, W. W. (M)
Crosby, H. M. (A)
Darlington, E. S. (A)
David, W. R. (A)
De Walt, K. C. (A)
Dickinson, T. M. (A)
Drayer, R. W. (S)
Elwood, E. S. Jr. (S)
Fick, C. G. (A)
Ford, W. A. (M)
Fritschel, P. G. (S)
Goodhue, W. W. (A)
Graf, A. W. (A)
Grover, F. W. (M)
Henyan, G. W. (A)
Howard, S. B. (S)
Jensen, R. C. (A)
Johnson, T. Jr. (M)
Junkin, L. H. (A)
Larson, R. W. (A)
Lattemann, W. (A)
Leeds, L. M. (A)
Marvin, H. B. (M)
Mayer, F. (A)
Mead, H. S., Jr. (A)
Meahl, H. R. (A)
Metcalfe, G. F. (A)
Michel, P. C. (A)
Muchow, A. J. (A)
Norgaard, D. E. (S)
Patterson, F. G. (A)
Pennoyer, R. T. (A)
Pike, O. W. (M)
Powles, F. T. (A)
Priest, C. A. (A)
Reynolds, F. M. (A)
Rice, C. W. (F)
Rust, W. F., Jr. (S)
Scheldorf, M. W. (A)
Schwenker, A. H. (A)
Smith, H. A. (A)
Smith, R. L. (A)
Summerhayes, H. R., Jr. (A)

Taylor, I. P. (A)
Taylor, L. A. (A)
Thomas, H. P. (A)
Tripp, A. B. (A)
Wadsworth, C. A. (A)
Watts, D. E. (A)
Weir, I. R. (A)
White, W. C. (M)
Williams, W. R. (A)
Winlund, E. S. (S)
Yerian, C. S. (A)

Scotia

Beggs, J. E. (A)
Caldwell, P. G. (A)
Clarke, V. J. (A)
Cook, E. D. (A)
Hahn, W. C. (A)
Leibing, J. K. (A)
Williamson, R. H. (A)

Snyder

Osborne, F. H. (A)

Southampton, L.I.

Homer, E. C. (A)
Miller, J. Z. (A)

Spring Valley

Knaack, F. E. (A)

Stafford

Sheffer, O. N. (A)

Stewart Manor, L.I.

Dewhirst, T. P. (A)

Syracuse

Mullin, L. A. (A)
Randall, D. P. (A)
Smith, K. B. (A)
Steates, E. F. (A)

Tonawanda

Bauer, H. G. (A)
Best, T. A. Jr. (A)
Vorie, I. N. (A)

Troy

Banker, J. R. (S)
Christaldi, P. S. (S)
Harris, H. D. (A)
Hayward, J. W. (S)
Lavender, R. W. (S)
Stoker, W. C. (A)
Stucky, J. B. (S)
Wilbur, D. A. (A)

Tuckahoe

Chinn, H. A. (M)

Tuxedo Park

Loomis, A. L. (M)

Utica

Wolcott, W. E. (A)

Valley Stream, L.I.

Vollkommer, W. A. (A)

Water Mill, L.I.

Corwith, H. P. (M)

Waverly

Sosnoski, W. J. (A)

Westbury, L.I.

Eldredge, E. E. (A)

West Hempstead, L.I.

Kilmer, T. W., Jr. (A)

West Point

King, C. J., Jr. (A)

White Plains

Barnes, I. C. (A)
Griggs, E. V. (A)
Lamarque, J. W. (A)

Williamsville

Fund, S. R. (A)
Hopkins, N. S. (A)

Wolcott

Harrison, W. M. (A)

Yonkers

Campbell, J. A. (A)
Craig, A. G. (A)
Grand, J. (A)
Howard, E. J. (A)
Kidd, G. B. (A)
Lieb, J. S. (A)
Looney, L. A. (A)
Peterson, R. L. (A)
Ryunson, C. R., Jr. (A)
Sefton, E. F. (A)
Seitz, F. A. (A)
Van Dyck, A. F. (F)

NORTH CAROLINA

Ashville

Brimley, A. H. (A)

- Burlington
Wallace, H. E. (A)
- Charlotte
Rosekrans, P. (A)
- Durham
Dalton, R. A. (A)
Seceley, W. J. (A)
- Fort Bragg
Poteet, D. P. (A)
- Greensboro
Marteena, J. M. (A)
- Raleigh
Hulick, H. H. (A)
Smith, C. McR., Jr. (A)
- Washington
Jowdy, M. (A)
- Wilmington
Peebles, N. A. (A)
- Wilson
Cavenaugh, C. D. (A)
- NORTH DAKOTA
- Elgin
Denk, W. E. (A)
- Fargo
Hetland, J. M. (A)
- Grand Forks
O'Brien, E. J. (A)
- OHIO
- Akron
Aitkenhead, J., Jr. (A)
Bosomworth, G. P. (A)
Curtis, J. O. (A)
Dinger, H. E. (A)
Smith, P. C. (A)
- Athens
Green, D. B. (A)
- Barberton
Austin, A. O. (F)
Foraker, C. M. (S)
Snyder, E. B. (M)
- Bedford
Jerome, W. R. (A)
- Berlin Heights
Kenyon, H. S. (A)
- Blanchester
Saville, H. F. (A)
- Blue Ash
Chapman, R. T. (A)
- Brecksville
Bennett, M. T. (A)
- Canton
Phillips, W. M. (A)
Weckel, W. E. (A)
- Cheviot
Felix, C. G. (A)
Lepple, H. (A)
- Cincinnati
Aughenbaugh, W. K. (A)
Baylor, A. D. (A)
Booth, R. M., Jr. (A)
Brauer, H. H. (S)
Brester, W. A. (S)
Bussard, E. J. H. (M)
Crosley, P., Jr. (M)
Davis, G. A. (A)
Dieringer, F. A. (A)
Foster, A. P. (A)
Freeman, R. L. (A)
Graef, R. P. (S)
- Grinstead, C. E. (S)
Hoffman, R. (A)
Hultberg, C. A. (M)
Kierulff, W. E. (M)
Kilgour, C. E. (M)
Knoblauch, A. F. (A)
Kolks, R. H. (A)
Lehnhoff, R. G. (A)
Lockwood, E. C. (A)
Luhn, C. W. (A)
Marshall, C. J. (A)
McDonald, J. M. (A)
Osterbrock, W. C. (A)
Peterson, C. W. (M)
Platts, G. F. (A)
Raabe, V. (S)
Rock, J. B. (M)
Rockwell, R. J. (M)
Silver, J. F. (A)
Stephen, H. W. (A)
Tyzzer, H. J. (A)
Vanek, L. J. (A)
Wedig, F. L., Jr. (A)
Wells, M. M. (A)
Wrockloff, G. F., Jr. (A)
- Clayton
Jones, C. C. (A)
- Cleveland
Ackerman, E. K. (A)
Akers, W. F. (A)
Auld, D. G. (S)
Banfer, K. J. (A)
Benkelman, G. F. (A)
Bowditch, F. T. (A)
Brooke, A. W. (S)
Canady, D. R. (A)
Carment, J. M. (A)
Caskey, H. B. (A)
Chatterton, L. N. (A)
David, B. W. (M)
Dorn, H. P. (A)
Dutton, C. E. (A)
Eberle, W. H. (A)
Engholm, B. A. (M)
Fill, J. (A)
Fletcher, E. S. (M)
Gove, E. L. (M)
Hineline, H. D. (M)
Hunt, L. W. (A)
Jones, M. S. (A)
Knife, W. J. (A)
Koeblitz, B. H. (A)
La Marsh, J. E. (S)
Leonard, E. S. (A)
Marsal, P. A. (A)
McMahon, A. (A)
Meola, L. K. (A)
Mohl, J. F. (A)
Okeson, H. B. (A)
Ostrander, R. S. (A)
Pacanovsky, G. J. (S)
Pierce, R. M. (A)
Plakadis, A. P. (A)
Pruitt, W. C. (A)
Reynolds, C. B., Jr. (A)
Roohk, H. V. (A)
Seletzky, A. C. (A)
Smith, S. E. (A)
Williams, H. C. (A)
Woodward, J. D. (A)
- Cleveland Heights
Snyder, R. E. (A)
Warshaw, J. (S)
Weiss, H. M. (S)
- Columbus
Beer, R. M. (A)
Bidlack, C. S. (A)
Everitt, W. L. (M)
Fanley, E. J. (S)
Higgy, R. C. (A)
McClelland, A. C. (A)
Miller, G. A. (S)
Moore, W. M. (A)
Prehn, L. D. (S)
- Renner, D. S. (A)
Roberts, S. (A)
Shaw, R. Mac K. (A)
Spangenberg, K. (A)
Stasz, C. E. (A)
Young, D. A. (A)
- Convoy
Hoelle, L. C. (A)
- Cuyahoga Falls
Farrington, R. A. (S)
- Dayton
Apple, R. C. (A)
Barbulesco, C. D. (M)
Beugen, A. A. (A)
Boes, W. W. (A)
Bossard, G. L. (M)
Bunting, T. R. (M)
Drake, R. L. (A)
Eaton, W. G. (M)
Eckert, C. C. (A)
Gallay, H. (A)
Goldstein, M. K. (A)
Haller, G. L. (M)
Hallman, L. B., Jr. (A)
Hendricks, L. A. (A)
Herson, J. L. (A)
Hoffstetter, G. E. (A)
Kilheffer, L. D. (A)
Koucherkavich, T. A. (A)
Lyman, R. P. (M)
McClurg, G. H. (A)
Parker, A. P. (A)
Retter, C. T. (A)
Richmond, L. P. (A)
Roddy, V. S. (A)
Taylor, P. B. (A)
Welker, J. W. (A)
White, D. B. (A)
Wilkie, H. (A)
Yolles, J. (A)
Zimmerman, R. F. (A)
- Deshler
Brown, M. H. (S)
- East Cleveland
Beasley, I. E. (A)
Hill, J. S. (A)
Shipman, C. H. (A)
- East Sparta
Walker, N. S. (A)
- Fairfield
Hill, G. (F)
Magee, E. E. (A)
- Greentown
Myers, W. D. (A)
- Hamilton
Staeger, S. A. (A)
- Ironton
Loftis, H. J. (A)
- Lakewood
Fox, R. A. (A)
Greene, F. M. (A)
Grostick, G. E. (A)
Hamman, G. B. (A)
Hanson, E. C. (A)
Kibler, P. J. (S)
Sibila, K. F. (S)
Stoffel, L. L. (A)
- Lebanon
Leydorf, G. F. (A)
Stocker, H. C. (A)
- Lorain
Heisner, D. A. (A)
- Mason
Duncan, R. S. (A)
Whitehouse, J. E. (A)
- Massillon
Schwab, C. B. (A)

OHIO

Medina
Hammerschmidt, A. L.
(S)

Miamitown
Gieringer, C. K. (A)

Middletown
Butts, R. S. (S)

Minerva
Rue, H. E. (S)

North Canton
De Moss, G. N. (A)

North Lima
Goodwin, W. J. (A)

Osborn
Guest, W. T. (A)

Oxford
Damm, R. M. (A)

Parma
Smith, C. E. (A)

Pitsburg
Erisman, R., Jr. (S)

Salem
Erwin, R. W. (A)

Sandusky
Brindle, T. A. (A)

South Euclid
Ryder, J. D. (A)

Springfield
Byram, F. C. (A)
Ebert, H. J. (A)

Stuebenville
Harris, R. P. (A)

Toledo
Biebesheimer, W. B. (S)
Bitter, A. R. (A)
Brennecke, C. G. (A)
Neuert, H. L. (A)
Pilzecker, A. (A)
Stringfellow, W. M. (A)

Vandalia
Rucker, F. (A)

Van Wert
Conley, W. H. (S)

Warren
Humphrey, S. M. (A)
Pew, R. K. (A)

Westerville
Nafzger, L. H. (A)

Woodsfield
Flichman, G. E. (A)

Yellow Springs
Carr, D. L. (S)

Youngstown
Makinson, G. E. (A)
Wilkins, B. T. (A)

Zanesville
Arnold, R. M. (A)

OKLAHOMA

Ardmore
Holaday, D. F. (A)

Duncan
Meszaros, W. A. (A)

Enid
Reeves, J. R. (A)

Hugo
Wright, A. J., Jr. (A)

Oklahoma City
Challenger, A. P. (A)

Herrmann, F. (A)
Lovell, H. J. (A)
McKinney, E. G. (A)
Sears, G. D. (A)
Wheeler, F. (A)

Shawnee
Waller, J. L., Jr. (S)

Tulsa
Born, W. T. (A)
Carpenter, H. (A)
Floyd, F. M. (A)
Green, W. G. (A)
Peters, L. J. (A)
Probert, E. (A)
Sheaffer, C. F. (A)
Stinson, L. W. (A)
Van Doeren, C. A. (A)

OREGON

Beaver Creek
Stone, L. N. (A)

Corvallis
Albert, A. L. (A)
Feikert, G. S. (A)
Yunker, E. A. (A)

Klamath Falls
Anderson, H. C. (A)

Medford
Walker, V. G. (A)

Myrtle Point
Cutler, K. W. (A)

Oakridge
Wolf, B. A. (A)

Portland
Belleville, L. M. (A)
Bookwalter, L. S. (A)
Clark, K. G. (A)
Deardorff, R. W. (A)
Meissner, E. R. (A)
O'Day, M. (A)
Paul, B. R. (A)
Simson, A. G. (A)
Singleton, H. C. (A)

Salem
Patton, W. R. (A)
Poujade, D. G. (A)

PENNSYLVANIA

Abington
Pressley, J. H. (F)

Aldan
Earle, R. P. (A)

Allentown
Brown, H. J. (A)
Hilliard, W. E. (A)
Taylor, R. R. (A)
Young, C. S. (A)

Altoona
Findley, J. D., Jr. (S)

Ardmore
Williamson, J. F. (A)
Zentgraf, J. A., Jr. (A)

Bala Cynwyd
Bean, N. S. (A)

Bethlehem
Craig, P. H. (A)
Formhals, W. H. (A)
Frey, A. R. (A)
Harper, R. E. (A)
Hoyler, C. N. (A)
Knutson, H. C. (A)
Seyfert, S. S. (M)

Bradford
Francis T. C. (A)

Carnegie
Stark, R. E. (A)
Yoder, L. E. (A)

Central City
Sponeybarger, J. O. (A)

Chester
Rapagnani, P. A. (A)

Drexel Hill
Sharples, A. R. (A)

Duquesne
Murcek, S. J. (A)

Easton
King, R. W. P. (A)

East Pittsburgh
Chubb, L. W. (M)
Hanna, C. R. (M)
Osborn, W. O. (A)

Edgewood
Poole, L. C. (A)

Elkins Park
Anderson, E. C. (M)
Herr, B. R. (A)

Emporium
Acheson, M. A. (M)
Aackman, H. E. (M)
Armstrong, W. M. (A)
August, N. P. (A)
Bair, H. A. (A)
Baldwin, A. V. (M)
Bateman, F. M. (A)
Bennett, R. G. (A)
Brunner, G. W. (A)
Burns, M. D. (A)
Campbell, R. E. (A)
Campbell, V. H. (A)
Carlson, R. F. (A)
Carter, E. F. (F)
Cunningham, S. M. (A)
Cunningham, W. S. (A)
Ehlers, H. A. (A)
Elliott, W. A. (A)
Erickson, P. W. (A)
Espersen, G. A. (A)
Gannon, T. P. (A)
Goodwin, V. D. (A)
Graham, V. M. (F)
Gunnell, G. T. (A)
Hayward, J. B. (A)
Herrick, W. W. (A)
Hoffman, M. C. (A)
Imboden, G. I. (A)
Ishler, H. K. (A)
Johnston, B. R. (A)
Jones, W. R. (M)
Jordan, A. D. (A)
Kahl, M. I. (M)
Kaplawka, G. A. (A)
Keen, A. W. (A)
Keim, D. Y. (A)
Kievit, B. (M)
Klinesiver, G. H. (A)
Mahaffey, G. N. (A)
Melzer, H. (A)
Merkle, R. S. (A)
Miller, C. F. (A)
Miller, J. A. (A)
Mueller, W. P. (A)
Myers, H. W. (A)
Orr, M. J. (A)
Ostrum, S. (A)
Ottmiller, W. H., Jr. (A)
Overmier, E. E. (A)
Palmater, R. E. (A)
Palmer, R. N. (M)
Pomfrett, J. M. (A)
Ratchford, H. L. (A)
Raudenbush, C. (A)
Rishell, G. L. (A)
Schneider, E. J. (A)
Smith, C. R. (A)
Smithgall, H. E., Jr. (A)

PENNSYLVANIA

Somers, O. M. (J)
 Steen, J. R. (M)
 Stringfellow, G. O. (A)
 Toner, W. C. (A)
 Wellendorf, J. J. (A)
 Welsh, W. T. (A)
 West, L. E. (M)
 Wilson, M. D. (M)
 Wise, R. M. (M)

Emsworth
 McConnell, R. A. (S)

Erie
 Crawford, R. D. (A)
 Minnium, B. B. (A)
 Pfeiffer, J. T. (A)
 Raub, L. A. (A)

Flourtown
 Ellsworth, W. C. (M)

Fort Washington
 Schantz, J. S. (A)

Fullerton
 Bachman, E. J. (A)

Glenside
 Leonard, A. A. (A)

Harrisburg
 Detweiler, J. E. (A)
 Drumheiser, A. W. (A)

Haverford
 Bruning, J. M. (A)
 Rittenhouse, L. H. (A)

Highland Park
 Crapp, G. L. (A)

Honesdale
 Woodward, B. J. (A)

Irwin
 Brook, A. (A)

Jenkintown
 Miller, A. C. (A)

Johnstown
 Underhill, C. R., Jr. (A)

Kingston
 Love, R. G. (J)

Lancaster
 Stauffer, J. L. (A)

Langhorne
 Newbold, W. H. (A)

Lebanon
 Stupp, R. W. (A)

Lemoyne
 Smiley, W. A. (A)

Meadville
 Welscher, C. E. (A)

Media
 Packard, C. A. (A)

Merion
 Dohan, W. R. (A)

Mount Lebanon
 Shafer, W. L. (A)

Narberth
 Bates, C. W. (A)
 Brazee, G. T. (A)
 Montgomery, A. P. (A)

New Castle
 Martin, N. A. (A)

Norristown
 Place, S. W. (A)
 Sands, W. F. (A)
 Zern, R. T. (A)

Oakmont
 Muffly, G. (A)

Perkasie
 Moyer, L. K. (A)

Philadelphia
 Adams, J. J. (A)
 Airston, A. J. (A)
 Albright, R. B. (A)
 Apker, C. L. (A)
 Barbier, W. H. (S)
 Bartlett, M. C. (A)
 Bauer, B. (A)
 Bechler, W. C., Jr. (A)
 Behr, L. (A)
 Bell, R. A. (A)
 Bell, J. S. (A)
 Benner, H. S. (A)
 Bevitt, W. D. (A)
 Bloomenthal, S. (A)
 Bowley, R. J. (A)
 Brainerd, J. G. (A)
 Brolly, A. H. (M)
 Brown, R. D., Jr. (A)
 Bruce, G. B. (A)
 Chambers, C. C. (A)
 Clark, C. F. (A)
 Closson, L. E. (A)
 Cohen, A. B. (A)
 Cooper, D. T. (S)
 Craven, C. L. (A)
 Crowley, J. F. (A)
 Dempster, B. (A)
 Dunn, J. C. (A)
 Earnshaw, D. P. (A)
 Eby, J. B. (A)
 Ellis, W. G. (M)
 Emerson, K. H. (A)
 Erkin, H. A. (A)
 Farnsworth, P. T. (M)
 Feldstein, M. A. (A)
 Filderman, J. (A)
 Flack, S. G. (A)
 Fraenckel, V. H. (A)
 Francis, O. T. (A)
 Freedman, H. J. (A)
 Freeland, E. C. (A)
 Gerlach, G. G. (A)
 Gerstle, J. (A)
 Gilbert, W. E. (A)
 Gillen, J. J. (A)
 Gilmer, J. E. (A)
 Godsho, A. P. (A)
 Gohn, C. T. (A)
 Grinditch, W. H. (M)
 Guinan, J. J. (A)
 Hagerty, G. E. (A)
 Hamilton, S. (A)
 Head, G., Jr. (A)
 Hervey, J. P. (A)
 Hoffman, J. (S)
 Hooper, G. A. (A)
 Hopwood, A. M., Jr. (A)
 Johnston, E. R. (A)
 Keachie, J. H. (A)
 Kearney, L. E. (A)
 Kinnier, D. (A)
 Konkle, P. J. (A)
 Kurdziel, J. F. (A)
 Lakatos, L. L. (A)
 Leitch, J. G. (M)
 Lenhart, G. R., Jr. (A)
 Lev, S. N. (A)
 Ludwig, S. C., Jr. (A)
 Lyman, H. J. (A)
 Marble, F. (A)
 Marsh, W. E. (A)
 Marshall, B. T. (A)
 Matthews, A. C. (A)
 McIlwain, K. (A)
 Mevius, J. C. (A)
 Miller, C. E. (A)
 Miller, H. G. (M)
 Mouradian, H. (A)
 Munton, J. D. (A)
 Mural, F. (A)
 Murri, J. (A)

Parker, W. N. (A)
 Payne, J. F., Jr. (A)
 Podolsky, L. (A)
 Robinson, H. A. (M)
 Rosencrans, C. A. (A)
 Rowe, C. R. (M)
 Sanders, E. W. (A)
 Saunders, W. P. (A)
 Schantz, J. D. (A)
 Senior, D. B. (A)
 Senn, G. F. (S)
 Shankweiler, R. G. (A)
 Shaw, R. F. (S)
 Sleeper, G. E., Jr. (A)
 Smith, D. B. (A)
 Smith, N. F., Jr. (A)
 Somers, F. J. (A)
 Spielman, S. C. (A)
 Stec, C. L. (A)
 Stewart, F. F., Jr. (S)
 Tarpley, R. E. (A)
 Teller, J. C. (S)
 Thomas, H. E. (A)
 Travis, C. (A)
 Tuska, C. D. (A)
 Walker, H. (A)
 Weil, W. S., Jr. (S)
 Weise, R. C. (A)
 West, H. L. (A)
 Whitney, A. (A)
 Williams, A. J., Jr. (A)
 Woll, C. F. (A)
 Woods, L. (M)
 Woodriddle, A. G. (A)
 Worrell, H. S. (A)
 Zwicker, H. H. (A)

CHESTNUT HILL
 Maxwell, J. F. (A)
 Vance, D. H. (A)

FOX CHASE
 MacFadden, W. C. (A)
 Merman, J. C. (A)
 Thompson, M. L. (A)

FRANKFORD
 Schnitzer, B. E. (A)

GERMANTOWN
 Applegarth, A. R., Jr. (A)
 Benge, J. R. (A)
 Brothers, J. T. (A)
 Fisher, R. S. (A)
 Miles, W. F. (S)
 Wannamaker, W. H., Jr. (A)

LAWNDALE
 Trumpy, J. W. (A)

MOUNT AIRY
 Bingley, F. J. (M)
 Ehret, C. D. (F)
 McDowell, A. P., Jr. (A)
 West, W. P. (A)

WEST PHILADELPHIA
 Caulton, C. O. (A)
 Frenz, H. J. (A)

Pittsburgh
 Allen, J. G. (M)
 Barton, J. P. (A)
 Baudino, J. E. (A)
 Baumgarten, F. A. (A)
 Bensley, J. T. (J)
 Clement, P. F. (A)
 Douglass, R. H. (A)
 Gabler, R. T. (A)
 Goodboy, G. O. (A)
 Gorham, R. C. (A)
 Griffith, R. T. (A)
 Hamilton, G. L. (A)
 Jackson, A. H. (A)
 Krause, C. K. (A)
 Lazich, B. (A)
 Lerza, F. F. (S)
 Overholt, R., Jr. (A)

PENNSYLVANIA

- Schultz, L. J. (A)
 Shreve, A. F. (A)
 Staubitz, E. J. (A)
 Stoddard, R. N. (A)
 Sunnergren, A. P. (A)
 Terven, L. A. (M)
 Vogt, L. E. (A)
- Pottstown
 Mellon, R. E. P. (A)
- Quakertown
 Afferbach, E. K. (A)
 Leibe, F. A. (A)
- Reading
 Landis, H. O. (A)
 Liesman, F. J. (A)
- Ridgway
 Deichman, G. A. (A)
- Rosemont
 Forstall, E. L. (A)
- Rutledge
 Clapp, R. G. (A)
- St. Marys
 Abbott, H. W. (A)
 Andrews, L. D. (A)
 Bachman, C. H. (A)
 Bowie, R. M. (M)
 Dehlinger, W. (A)
 Fink, G. A. (A)
 Herrick, G. G. (A)
 Hoffman, E. J. (A)
 Hoffman, R. R. (M)
 Larson, E. P. (A)
 May, M. S. (A)
 Moore, W. R. (A)
 Pierson, I. S. (A)
 Williams, H. A. (A)
- Scranton
 Dolph, S. E. (A)
 Mack, D. W. (A)
 Witkowski, J. F. (A)
- Sharon
 Rankin, S. A. (A)
- Smethport
 Biever, F. H. (A)
- Spring City
 Wynn, J. C. (A)
- Springfield
 Morgan, R. T., Jr. (A)
- State College
 Woodruff, E. C. (M)
- Stony Creek Mills
 Hornberger, J. E. (A)
- Swarthmore
 Hayes, R. S. (A)
 McKenzie, A. A. (A)
- Swissvale
 Bossart, P. N. (A)
 Whitelock, L. D. (A)
- Tarentum
 Porter, H. F. (A)
- Tyrone
 Kearney, H. B. (A)
- Upper Darby
 Gengenbach, A. W. (A)
 Kirk, W. C. (A)
 Latsha, M. P. (A)
 Marsten, J. (M)
 Neily, J. W. (S)
- Villanova
 Bueche, H. S. (A)
- Wayne
 Smith, A. H. R. (A)
- Warren
 Gruninger, J. E. (A)
- West Chester
 Comfort, H. F. (A)
- Wilkes-Barre
 Shuster, E. F. (A)
- Wilkesburg
 Bartlett, C. O. (S)
 Davis, S. I. (A)
 Hughes, E. T. (A)
 Lund, A. O. (A)
 Mag, A. (A)
 Place, W. P. (A)
 Roake, W. C. (A)
 Sutherlin, L. (M)
 Ulrey, D. (A)
 Weaver, C. H. (S)
- York
 Lever, P. R. E. (A)
 Weaver, W. N. (A)
 Weigel, R. C. (A)

TEXAS

- Nashville
 Campbell, J. S. (A)
 De Witt, J. H., Jr. (A)
- Albany
 Codrington, J. H. (A)
- Amarillo
 Gooch, C. S. (A)
- Austin
 Jones, H. W. (S)
- Baytown
 Cornelius, L. W. (A)
- Beaumont
 Bush, C. R. (A)
 Grenader, P. (A)
 Rainwater, B. V. (A)
- Brenham
 Lenert, R. H., Jr. (A)
- College Station
 Dillingham, H. C. (A)
 Jackson, W. M. (A)
- Corpus Christi
 Lockhart, H. B. (A)
- Dallas
 Blett, E. B. (A)
 Chapman, A. B. (A)
 Crabtree, A. E. (A)
 Cullum, A. E., Jr. (A)
 Flynn, R. M. (A)
 Jacobson, L. (A)
 McDermott, E. (A)
 Newton, W. W. (A)
 Paslay, LeR. C. (A)
 Penn, W. D. (A)
 Rich, F. L. (A)
 Sullivan, J. R. (A)
 Tucker, D. J. (A)
 Witty, W. M. (A)
 Zeidlik, W. J. (A)
- Del Rio
 Cammack, W. R. (A)
 Weldon, J. O. (A)
- Eagle Pass
 Branch, W. E. (M)
 Stroebel, J. C., Jr. (M)
- El Paso
 Gemets, E. L. (A)
 Talbot, E. P. (A)
- Fort Worth
 Adams, R. E. (A)
 Applegate, H. E. (A)
 Benzon, C. G. (A)
 Berg, A. A. E. (A)
 Currie, W. O. (A)
 Tinsley, A. B. (A)
- Galveston
 McCabe, L. L. (M)
- Grapevine
 Peterson, D. A. (A)
- Houston
 Bailey, H. M. (A)
 Caplan, R. S. (A)
 Dupree, E. M. (M)
 Gardner, D. H. (A)
 Honnell, P. M. (A)
 Ide, J. M. (A)
 Johnston, T. F. (A)
 Kannenstine, F. M. (A)
 Klipsch, P. W. (A)
 McConnell, H. E. (A)
 Muzzey, D. S., Jr. (A)
 Waters, J. S. (A)
 Wheeler, H. T. (A)
 Wyckoff, R. D. (M)

RHODE ISLAND

- East Providence
 Andrews, H. L. (A)
- Newport
 Harvey, J. M. (M)
- Pawtucket
 Cumerford, A. S. (A)
- Providence
 Dandreta, W. (A)
 Huddy, F. S. (A)
 Saxl, I. J. (M)
- Woonsocket
 Teachman, A. E. (A)

SOUTH CAROLINA

- Bradley
 Mayer, I. S. (S)
- Charleston
 Zeigler, T. W. (A)
- Clemson College
 Tingley, F. T. (A)
- Parris Island
 Vanderhoof, J. (A)
- Spartanburg
 Wallace, R. M. (A)

SOUTH DAKOTA

- Pierre
 Craig, R. B. (A)
 Gull, R. A. (A)
- Vermillion
 Rawlins, R. E. (S)

TENNESSEE

- Chattanooga
 George, E. E. (A)
 Staples, E. S. (A)
 Thurnauer, H. (A)
- Knoxville
 Adcock, S. E. (A)
 Epperson, J. B. (A)
 Sharpe, M. O. (A)
- Lebanon
 Smith, G. G. (S)
- Memphis
 Parker, J. C. (A)
 Slavick, H. W. (A)

Laredo
Meza, J. O. (A)
Rojas, A. H. (A)

Lufkin
Saxon, M. (A)

Marshall
Lea, N. J. (A)

Monroe City
Smith, M. H. (S)

Overton
Hull, F. K. (A)

Pasadena
Meyer, J. M. (A)

Plano
Hays, H. D. (A)

San Antonio
Barragan, M. B. (A)
Hallam, J. T. (A)
Snyder, G. H. (A)
Wall, L. D. (A)

Sourlake
Daniels, T. E. (A)

Waco
Jackson, F. P. (A)

UTAH

Ogden
Cozzens, W. D'O. (A)

Salt Lake City
Baldwin, J. M. (A)
Cox, F. V. (A)
Groves, W. E. (A)
Pack, E. G. (M)
Stevenson, R. S. (A)
Wilson, T. L. (A)
Wright, P. B. (S)

VERMONT

Northfield
Howes, D. E. (A)

Rutland
Davis, A. F. (A)

Windsor
Osgood, R. E. (A)

VIRGINIA

Alexandria
Bloch, I. (A)
Dowie, J. A. (M)
Greenleaf, S. A. (A)

Arlington
Peterson, C. U. (A)
Stokes, H. S. (A)

Blacksburg
Murray, W. A. (A)

Charlottesville
Harrison, C. W., Jr. (A)

Ciarendon
Johnson, A. E. (A)

Langley Field
Messer, H. G. (A)

Lynchburg
Williams, R. L. (A)

Newport News
Behner, H. C. (M)
Wilson, C. C. (A)

Norfolk
Grether, J. L. (A)
Ruhsenberger, J. R. (A)

Portsmouth
Baart, J. C. (A)

Quantico
Brandis, L. J. (A)
Kozakewicz, B. J. (A)

Richmond
Eubank, R. N. (A)

Roanoke
Avery, R. D. (A)

WASHINGTON

Bellevue
Voris, D. L. (A)

Blaine
Myers, J. S. (S)

Bremerton
Bowers, R. W. (A)
Kitchin, H. W. (M)

College Place
Kretschmar, G. G. (A)

Coulee Dam
Herr, M. D. (A)

Harrington
Coombs, W. C. (A)

Kent
Hart, A. H. (A)

Naches
Allan, F. S. (A)

Palouse
Bockmier, C. F. (A)

Pullman
Lickey, H. F. (A)

Seattle
Bach, R. O. (A)
Eastman, A. V. (M)
Estes, F. B. (A)
Foster, N. H. (A)
Frost, N. (S)
Guptill, H. R. (S)
Harned, G. C. (A)
Herndon, L. C. (M)
Holtan, C. H. (A)
Hurlbut, H. C. (A)
Johnson, O. K. (S)
Kiebert, M. P. (A)
Kistler, R. E. (A)
Larson, G. C. (S)
Larson, H. K. (S)
Libby, T. M. (M)
Mason, H. F. (A)
Mendenhall, G. G. (A)
Mizell, M. H. (A)
Paterson, J. M. (S)
Price, H. J. (A)
Renfro, H. E. (A)
Roberts, R. H. (A)
Ross, J. D. (A)
Scott, E. D. (A)
Shepard, W. D. (A)
Taylor, A. R. (A)
Tibbals, L. (S)
Tolmie, J. R. (M)
Von Alvensleben, G. (S)
Wah, C. Y. (A)
Williams, C. E. (M)
Willson, A. R. (A)

Spokane
Dunnigan, F. A. (A)
Green, W. L. (A)
Prince, F. W. (A)
Storms, H. J. (A)
Trowbridge, H. M. (A)

Tacoma
Cole, B. R. (M)
Fisher, R. C. (A)
Picken, J. C., Jr. (A)
Wallace, J. W. (A)

Tekoa
Allison, G. P. (S)

White Swan
Freeland, C. (A)

WEST VIRGINIA

Bluefield
Henderson, W. D. (S)

Charleston
Goddard, J. B. (A)
Shaw, H. B., Jr. (A)

Fairmont
Mason, J. W., III (S)

Huntington
Steeley, J. D. (A)

Institute
Evans, J. C. (A)

Morgantown
Colwell, R. C. (M)
Friend, A. W. (A)

Parkersburg
Kirk, J. W., Jr. (S)

Wheeling
Boundy, G. G. (A)

WISCONSIN

Brookfield
Haag, M. W. (A)

Eau Claire
Nelson, O. B. (A)

Horicon
Pahl, H. H. (A)

La Crosse
Leeman, A. (A)
Rhode, E. A. (A)
Van Loan, C. G. (A)

Madison
Austin, O. C. (A)
Bennett, E. (F)
Buchanan, O. R. (A)
Kelley, W. V. (A)
Knopow, J. J. (S)
Koehler, G. (A)

Manitowoc
Scholten, C. H. (A)

Milton Junction
Creutz, J. (A)

Milwaukee
Cordes, E. L. (A)
Eckert, F. A. (A)
Fritschel, H. G. (A)
Gainer, W. P. (A)
Gellerup, D. W. (A)
Hjermstad, H. U. (A)
Holman, H. M. (A)
Kaetel, H. C. (A)
Kruse, C. C. (A)
Matthias, L. H. (A)
Naughton, G. J. (A)
Oetting, O. W. A. (M)
Pfeifer, J. W. (A)
Richardson, M. S. (A)
Sauer, H. C. (A)
Stoeckle, E. R. (M)
Thomas, M. W. (A)
Wareing, H. F. (M)
Weller, D. A. (A)

Racine
Alusic, J. (A)
Bell, A. LeR. (A)
Tuttle, LeR. H. (A)

Superior
Bridges, W. C. (A)

WISCONSIN

Waukesha
Hebal, W. H. (A)

West Allis
Keller, O. (A)

WYOMING

Cheyenne
Dyer, W. E. (A)
Hungerford, N. (A)

Rawlins,
Seaverson, O. I. (A)

Rock Springs
Bainbridge, R. M. (A)

ALASKA

Bramhall, E. H. (A)
Daigle, A. A. (A)
Gleason, R. J. (A)
Hoke, V. L. (A)
Mason, D. P. (A)

ARABIA

Nicholls, G. K. (A)

ARGENTINA

Buenos Aires
Arnaud, J. P. (A)
Benjamin, M. (A)
Beshgetoor, R. V. (A)
Calvelo, J. P. (S)
Del Pozo, L. D. (A)
Grant, I. C. (A)
Guaragna, L. F. (A)
Hayes, G. W. (A)
Lafon, J. B. (A)
Meier, J. G. (A)
Noizeux, P. J. (A)
Penin, R. L. (A)
Simpson, L. C. (A)
Stevens, A. M. (F)
Suarez Scasso, C. A. (A)
Tarzian, S. (A)
Tenac, J. C. (A)
Zuev, V. V. (A)

ASCENSION ISLAND

Bruce, J. R. (A)

AUSTRALIA

NEW SOUTH WALES

Bushby, T. R. W. (A)
Cradick, R. L. (A)
Craggs, H. H. (A)
Freeman, A. C. (A)
Green, A. L. (A)
Hicks, G. J. (A)
Huey, R. M. (A)
Hynes, F. M. B. (A)
Jones, C. R. (A)
Martin, A. F. (A)
Menon, G. J. (A)
O'Donnell, A. L. (A)
Phillips, F. A. (A)
Ryan, A. J. (A)
Slade, C. W. (A)
Smith, A. C. (A)
Wood, H. B. (A)
Wyles, D. G. (M)

Sydney

Baird, W. R. (A)
Bean, L. P. R. (M)
Brooker, V. M. (M)
Builder, G. (A)

Chittock, K. H. (A)
Court, T. F. (A)
Cross, C. E. (A)
Dobbie, L. G. (A)
Fisk, E. T. (F)
Graham, L. B. (A)
Hooke, L. A. (M)
Kennell, R. J. W. (M)
MacLurcan, C. D. (A)
Mallinson, W. D. (A)
Martin, B. C. (A)
Martyn, D. F. (A)
Maynard, F. S. (A)
McDonald, A. S. (M)
Mingay, O. F. (M)
Moore, E. J. T. (M)
Munro, G. H. (A)
Norville, C. H. (A)
Parish, H. C. (A)
Scott, A. W. (A)
Smith, F. L. (M)
Stirk, F. J. (A)
Thom, F. W. P. (M)
Whittorn, R. H. (A)

QUEENSLAND

Burmester, O. C. (A)
Elliott, F. E. (A)
Ross, S. J. (M)
Webster, H. C. (A)

SOUTH AUSTRALIA

Haussen, M. J. (A)

TASMANIA

Jebb, T. K. (A)
Tuck, H. P. (A)

VICTORIA

Badenach, R. M. (A)
Cherry, R. O. (A)
Clyne, E. M. (A)
Collins, R. J. (A)
Glover, G. A. J. (A)
Grace, A. (A)
Hooper, E. M. (A)
Kerr, A. D. (A)
McCulloch, G. R. (A)
McKenzie, A. J. (A)
Sweeney, W. M. (M)
Woodward, C. (A)
Webb, A. L. C. (A)

WESTERN AUSTRALIA

Curedale, R. G. (A)
Greer, N. C. (A)
Hayman, W. G. I. (A)

AUSTRIA

Filipowsky, R. (S)
Klaus, E. (A)
Szekely, A. (A)

BELGIUM

Bernaert, A. L. J. (A)
Braillard, R. (F)
Embrechts, A. C. (A)
Vanden Meersche, A. J.
(A)
Van Meel, G. M. (A)

BOLIVIA

Powell, A. E. (A)

BRAZIL

Rio de Janeiro
Armstrong, L. H. (A)
Borges, V. A. (A)
Cavalcanti, A. P. (A)

de Medeiros, L. A. (A)
de Oliveira, A. M. (M)
de Sales, F. M., Jr. (A)
Hill, J. H. (A)
Lima, A. C. (A)
Pareto, J. V. (A)
Pinto, O. D. (A)
Schulman, L. (A)

São Paulo

De Mello, W. (A)
Jones, L. Y., Jr. (A)
Mello, G. H. (A)

BRITISH HONDURAS

Smith, E. L. (A)

BRITISH WEST INDIES

BARBADOS

Archer, T. A. (A)

JAMAICA

Grinan, J. F. (M)
Guilfoyle, T. J. (M)

ST. KITTS

Stewart, C. J. (J)

TRINIDAD

Fung, J. H. (A)

CANADA

(See also Maritime
Provinces)

ALBERTA

Clayton, W. P. (A)
Field, P. A. (A)
McLachlin, A. D. (A)
Mitchell, A. M. (A)
Thomas, C. W. (A)

BRITISH COLUMBIA

Geluch, A. (A)
Gilbert, G. (A)
Hings, D. L. (A)
McCallum, B. C. (A)
Mellor, S. J. (A)
Rose, F. W. (A)

Vancouver

Bain, J. R. (A)
Bunn, E. (A)
Hawkins, L. S. (M)
Irvine, B. (A)
Jackson, A. (A)
Kitchin, J. E. (A)
Marriott, J. S. (A)
Mayne, L. F. (A)
McLeish, C. W. (S)
Tupper, B. R. (A)

MANITOBA

Burneski, A. D. (A)
Millar, J. P. (A)
Salton, L. V. (M)
Sheffield, A. G. (A)
Smith, O. (A)

ONTARIO

Anderson, J. F. (A)
Crofts, C. T. (A)
Crowe, F. C. (A)
Daly, E. (A)
Doan, G. F. (A)
Ellis, A. B. (A)
Foster, G. L. (A)
Graham, B. (A)
Jordan, E. C. (S)

DENMARK

Kelterborn, W. H. (A)
 Little, W. C. (A)
 Marsland, S. (A)
 Metzler, S. J. (A)
 Mott, H. E. (A)
 Olson, E. (A)
 Parsons, A. B. (A)
 Pollock, C. A. (A)
 Pounsett, F. H. R. (A)
 Richardson, W. G. (A)
 Robinson, C. A. (A)
 Rose, S. (A)
 Rowland, L. J. (A)
 Santo, R. E. (S)
 Scott, C. A. (A)
 Shane, W. A. (A)
 Smith, B. F. (A)
 Thomson, J. M. (A)
 Tremblay, E. C. (J)
 Underwood, C. (A)
 Walker, R. B. (A)
 Yaroslowski, A. B. (J)

Ottawa

Cahoon, R. D. (A)
 Cumming, J. E. (A)
 Edwards, C. P. (F)
 Field, G. S. (A)
 Henderson, J. P. (M)
 Laurie, W. L. (A)
 Merriman, H. O. (A)
 Olive, G. W. (A)
 Ruedy, R. (A)
 Rush, W. A. (F)
 Smith, H. M. (A)
 Steel, W. A. (M)
 Taber, H. E. (A)

Toronto

Ainsworth, A. L. (M)
 Armstrong, D. (A)
 Baldwin, C. O. (A)
 Baranovsky, C. (S)
 Bayley, A. K. (A)
 Bayly, B. DeF. (M)
 Bowers, E. J. (A)
 Boyd, J. W. G. (A)
 Caton, W. A. (A)
 Choat, W. F. (A)
 Christie, J. B. (A)
 Claridge, R. E. (A)
 Clark, B. (A)
 Clements, M. (A)
 Cumming, A. A. (A)
 Daugharty, G. B. (A)
 Dawson, H. S. (A)
 Dean, H. B. (A)
 Eales, J. W. (A)
 Ford, J. S. (A)
 Geiger, D. G. (A)
 Hackbusch, R. A. (M)
 Harris, E. (A)
 Hobbs, F. B. (A)
 Hurlbut, A. L. (A)
 Irwin, G. J. (A)
 Klingelhoefter, R. H. (A)
 Knap, H. B. (A)
 Kohl, W. H. (A)
 Leslie, J. M. (A)
 Linton, W. R. (A)
 Longstaffe, J. R. (A)
 Mogridge, J. N. (A)
 Norris, A. G. (A)
 Paisley, S. R. (A)
 Pollock, A. (A)
 Potter, N. M. (A)
 Poulter, R. C. (A)
 Price, L. M. (A)
 Rogers, E. S. (M)
 Toby, A. S. R. (A)
 Watson, J. E. (A)
 Wilkinson, A. E. (A)
 Williams, J. K. (A)
 Wilson, J. C. (A)

QUEBEC

Acton, E. H. (A)

Aston, J. P. (A)
 Beaulieu, W. R. (A)
 Bird, C. H. R. (A)
 Clarke, J. L. (A)
 Dion, A. J. (A)
 Dix, G. (A)
 Farmer, E. W. (A)
 Frenette, C. (A)
 Hodgson, E. (A)
 Jaderholm, H. W. (A)
 Linklater, T. B. (A)
 Marceau, J. P. (A)
 McWilliam, E. A. (A)
 Moore, W. H. (A)
 Ratchford, W. J. (A)
 Wade, D. (A)
 Wilson, C. T. R. (A)
 Wilson, W. R. (A)

Montreal

Andresen, S. (A)
 Baily, F. A. A. (A)
 Barrow, F. A. (A)
 Bennett, G. S. (A)
 Campbell, J. A. (A)
 Chauvin, S. B. (A)
 Conroy, J. M. (A)
 Cooper, S. J. (A)
 Desaulniers, R. R. (A)
 East, L. A. W. (A)
 Fawcett, G. M. (A)
 Fisher, C. B. (A)
 Goldin, H. C. (A)
 Hammond, R. E. (A)
 Hicks, B. C. (A)
 Kruming, A. O. (A)
 Marcotte, J. (A)
 McLean, M. D. (S)
 Nichols, W. A. (A)
 Oxley, A. B. (M)
 Payne, L. S. (M)
 Patience, A. M. (M)
 Prinsky, H. B. (A)
 Sharp, V. (A)
 Short, H. M. (M)
 Sillitoe, S. (A)
 Simons, F. W. (A)
 Smith, F. A. (A)
 Soucy, C. I. (A)
 Spencer, L. (M)
 Thompson, J. H. (A)
 Vennes, H. J. (M)
 Wallace, G. A. (A)
 Welsh, R. R. (A)
 Wilcox, B. B. (A)

SASKATCHEWAN

Erickson, R. A. (A)
 Haggerty, A. S. (A)
 Stevenson, G. (A)

CANAL ZONE

Arps, M. W. (A)
 Byer, E. D. (A)
 Tarr, L. H. (A)
 Young, J. W. (A)

CEYLON

Jayasekera, D. P. (A)

CHILE

Brito, A. R. (M)

CHINA

(See also Hong Kong)
 Bocharoff, G. M. (A)
 Bong, T. (A)
 Chen, S. (A)
 Chen, T. K. (A)
 Chen, Z. Y. (S)
 Chien, F. C. (A)
 Chu, K. T. (A)
 Chung, T. T. (A)

Deane, T. Y. (A)
 Eoyang, T. T. (S)
 Hsu, A. L. (S)
 Hsu, C. L. (A)
 Jen, C. K. (A)
 King, Y. C. (A)
 Knipp, A. R. (M)
 Kong, Y. (A)
 Lee, S. M. (A)
 Mao, Y. Y. (S)
 Nee, S. (A)
 Sanborn, J. W. (A)
 Ting, C. Y. (S)
 Wang, T. J. (A)
 Ward, Z. (A)
 Wu, C. H. (A)
 Yeh, Y. C. (A)

Shanghai

Brown, N. D. (A)
 Chang, S. T. (S)
 Chang, T. C. (M)
 Chen, Z. M. (S)
 Chien, T. P. (A)
 Chu, H. C. (A)
 Chu, M. C. (A)
 Ede, F. C. (A)
 Everett, L., Jr. (A)
 Fang, T. (S)
 Fedoroff, L. N. (A)
 Hung, M. Y. (A)
 Jeang, B. T. (A)
 Lo, T. Z. (A)
 Loo, T. C. (A)
 Lor, P. L. (J)
 Miao, T. V. (A)
 Shen, S. Z. (A)
 Spagnoletti, P. H. (A)
 Tsao, Z. C. (A)
 Tsia, H. L. (A)
 Wang, P. H. (A)
 Wang, T. S. (A)
 Wang, W. Y. (S)
 Woo, E. L. (A)

COLOMBIA

Jaramillo, R. (M)
 Shire, L. E. (A)

COSTA RICA

Carazo, L. A. (A)
 Carranza, J. J. (M)

CUBA

Chisholm, E. E. (A)
 Cobas, R. I. (J)
 Godinez, S. H. (A)

CYPRUS

Dennis, F. L. (A)

CZECHOSLOVAKIA

Ficek, F. (A)
 Siegel, E. (M)
 Strnad, J. (A)
 Svoboda, J. (M)
 Young, A. J. (A)
 Zacek, A. (M)

DENMARK

Morch, V. H. (A)
 Pedersen, G. V. C. (A)
 Poulsen, V. (F)
 Rybner, J. C. F. (A)
 Schou, C. (A)
 Steffensen, J. F. J. (A)

Copenhagen

Bramsløv, G. E. (A)
 Christensen, J. P. (A)

DENMARK

Christiansen, E. L. (A)
Hellstrom, G. A. (A)
Jorgensen, L. (A)
Kjeldsen, T. F. (A)
Pedersen, M. P. (A)
Pedersen, P. O. (F)
Svenningsen, K. (A)

EAST INDIES

SUMATRA

Lytle, T. M. (A)

ECUADOR

Williams, E. S. B. (A)

EGYPT

De Barro, F. (A)
Mathias, E. L. A. (A)
Sheiha, A. M. (A)

ENGLAND

BERKSHIRE

Barton, F. S. (F)
Chandler, C. K. (A)
Hoddinott, J. K. (A)
Simmonds, E. J. (M)

BUCKINGHAM

Diver, F. G. (A)
Dobell, H. (M)
Lett, F. T. (A)
Slow, E. C. (A)
Thompson, J. L. (A)

CAMBRIDGE

Appleton, E. V. (F)
Carter, C. J. (M)
Piddington, J. H. (A)
Ratcliffe, J. A. (A)
Turner, L. B. (A)
Whitehead, E. D. (A)

CHANNEL ISLANDS

Foot, G. H. (S)

CHESHIRE

Noden, J. (A)
Stamford, N. C. (M)
Vernon, B. H. (A)
Williams, F. C. (A)

CORNWALL

Hopwood, C. H. (A)
Wills, R. J. (A)

DERBY

Hulme, A. B. (A)

DEVON

Maxey, H. J. (A)
Pressler, W. C. (A)
Short, H. E. (A)
Wortley-Talbot, J. R. (A)

DORSET

Dawes, R. M. (M)
Musselwhite, W. E. (A)
Richens, J. R. (A)
Woodward, P. J. (M)

DURHAM

Hall, N. (A)
Roberts, G. N. (A)

ESSEX

Amey, S. H. (A)
Benham, W. E. (A)
Bradfield, G. (A)
Budden, G. H. (A)
Bulgin, A. F. (M)
Ditcham, W. T. (M)
Dawe, F. W. (A)
Dyson, G. N. (A)
Ewen, M. E. (A)
Fielding, T. J. (A)
Forster, H. J. (A)
Green, E. (A)
Harries, J. H. O. (A)
Herczeg, A. (A)
Hodgson, A. D. (A)
Ladner, A. W. (A)
Lancaster, E. S. (A)
Lassman, H. H. (A)
Lea, N. (A)
Leonard, S. L. (A)
Mercer, C. J. (M)
Murphy, F. M. G. (A)
O'Donovan, D. E. (A)
Ong, H. Y. (A)
O'Neill, R. F. (A)
Parkin, T. D. (A)
Robb, F. G. (A)
Robertson, N. C. (A)
Scott-Taggart, J. (F)
Shore, A. (A)
Smith, S. B. (M)
Straw, F. W. (A)
Vigurs, R. F. (A)
Wells, W. J. M. (A)

GLOUCESTER

Sheppard, J. A. (A)
Tozer, B. L. (S)

HAMPSHIRE

Bartlett, A. C. (A)
Borgars, S. J. (A)
Catt, J. E. (M)
Challans, B. W. S. (A)
Chapman, J. P. J. (A)
Cole, W. A. (A)
Dockree, G. E. (A)
Jones, A. R. (A)
Newnham, L. E. (A)
Ogg, J. G. (M)
Pritchard, W. H. (A)
Rowland, E. S. (A)
Stewart, J. (A)
Taylor, A. O. (A)
Wade, C. F. N. (M)
Warner, H. J. (M)
Williams, C. (A)
Woods, C. H. (A)

HERTFORD

Amis, F. H. (M)
Bond, D. H. T. (A)
Clarke, G. E. (A)
Findell, A. H. (A)
Hall, D. L. (A)
Murphy, F. (A)
Richardson, W. D. (A)
Saltmarsh, B. (A)
Stanesby, H. (A)
Taylor, W. (A)
White, H. D. (A)

KENT

Binyon, B. (M)
Bradford, R. W. (A)
Brigham, C. E. (M)
Gibson, W. T. (A)
Goodchild, F. D. (A)
Jones, A. B. (A)
Minter, R. W. (M)
Partridge, N. G. (A)
Powers, S. J. (A)
Scroggie, M. G. (A)

Thwaites, H. J. (A)
Turle, E. H. (M)
Wicks, F. W. (A)

LANCASHIRE

Anderson, A. G. (A)
De Wardt, R. G. (M)
Evans, Y. W. P. (M)
Hall, A. (M)
Hemmerdinger, C. A. (A)
Leach, H. (A)
Leech, T. D. (A)
Morris, A. (A)
Percival, W. R. (A)
Simpson, A. V. (M)
Smith, W. A. (A)
Taylor, R. H. (M)
Thomsett, H. S. (A)
Wells, W. E. (A)
Witty, R. (A)

LEICESTER

Atkinson, C. T. (A)

LINCOLN

Frankis, E. E. (A)
Harrison, P. L. (A)
Pales, F. A. (A)

LONDON

Adorjan, P. (A)
Alway, E. J. (A)
Andersen, R. C. (A)
Armstrong, F. X. J. (A)
Beck, A. H. W. (S)
Bedford, L. H. (M)
Beebe, R. D. (S)
Beer, H. G. (A)
Bowden, H. F. (A)
Briggs, L. A. (M)
Burgess, A. G. (A)
Burnett, E. F. (A)
Carter, F. C. (A)
Clark, F. E. T. (A)
Coates, C. (A)
Cohen, I. J. (A)
Collings, R. H. P. (A)
Cook, A. (A)
Crampton, W. J. (M)
D'Arcy, N. W. (A)
de Burgh, D. H. (M)
de Laszlo, S. P. (M)
Denman, R. P. G. (A)
Dorrington, W. H. (A)
Dowsett, H. M. (M)
Dunkley, E. J. (A)
Duran, J. (A)
Dyson, A. A. (A)
Eckersley, P. P. (F)
Edes, N. H. (A)
Elliott, B. C. (A)
Ellen, R. G. (A)
Gambrell, H. W. (M)
Gee, H. T. P. (A)
Gill, A. J. (M)
Godfrey, F. E. (A)
Gootnick, S. (A)
Gracie, J. A. (A)
Griffiths, W. H. F. (M)
Hamilton, D. (A)
Harris, P. W. (M)
Harrison, K. W. (A)
Heaton-Armstrong, L. J. (A)
Hickson, P. W. (A)
Hughes, L. E. C. (A)
Humphrey, H. C. (A)
Hurren, S. A. (A)
Jefferson, S. (A)
Johnson, D. H. (A)
Jones, I. C. A. (A)
Kaye, J. B. (A)
Keeling, C. H. (A)
Kirke, H. L. (M)

FRANCE

Klein, R. H. (M)
 Knight, S. G. (A)
 Knox, J. B. (A)
 Landmann, A. (A)
 Lawrence, E. (A)
 Lee, A. G. (F)
 Lemon, C. G. (A)
 Love, H. J. (A)
 Lyons, C. L. (M)
 Madgwick, G. (M)
 Marconi, G. (F)
 McLean, F. C. (A)
 McMichael, L. (F)
 Mercer, J. F. W. (S)
 Merdler, L. R. (A)
 Meyer, L. W. (M)
 Mirk, D. B. (M)
 Mole, J. H. (S)
 Nancarrow, F. E. (M)
 Oxley, R. F. (A)
 O'Reilly, C. (A)
 Osmond, C. E. (A)
 Petersen, T. G. (A)
 Picken, W. J. (A)
 Pocock, H. S. (M)
 Pollard, B. S. (A)
 Prince, H. S. (A)
 Price, R. J. C. (A)
 Radford, E. R. (A)
 Reid, D. G. (A)
 Rhys-Jones, J. E. (A)
 Rickard, C. E. (M)
 Robb, J. G. (M)
 Roberts, R. S. (A)
 Robinson, D. M. (A)
 Robinson, F. H. V. (A)
 Rolfe, R. G. (A)
 Rymer, J. J. (A)
 Schaffer, P. (A)
 Schwarz, H. F. (A)
 Searle, R. F. J. (A)
 Shorter, D. E. L. (A)
 Slee, J. A. (F)
 Smyth, C. N. (A)
 Stott, H. T. (A)
 Strong, C. E. (M)
 Struthers, G. A. (M)
 Tanton, J. H. (A)
 Thompson, F. S. (A)
 Tingle, R. (M)
 Troutbeck, W. H. (A)
 Twiss, A. R. (M)
 Tyrer, A. R. (A)
 Varley, W. E. C. (A)
 Venn, W. M. (A)
 Walker, T. H. (A)
 Wallace, A. T. (A)
 Walmsley, T. (M)
 Wardle, P. G. (A)
 Weale, D. A. (A)
 Webb, C. B. N. (A)
 Webb, J. H. (A)
 Weese, R. (M)
 Wey, R. J. (A)
 Wilson, P. (A)
 Wilson, W. P. (A)

MIDDLESEX

Barnard, R. M. (A)
 Bayley, C. J. (A)
 Baxter, H. W. (A)
 Bennington, T. W. (A)
 Booth, C. F. (A)
 Brown, W. J. (M)
 Chadder, E. G. (A)
 Connell, W. H. (A)
 Cooper, J. A. (A)
 Cooper, W. H. B. (A)
 Emery, E. J. (M)
 Fayers, A. A. (A)
 Ferguson, R. A. (A)
 Griffiths, P. E. A. (M)
 Howse, H. A. G. (M)
 Jackson, H. E. A. (A)
 Lea, G. (A)
 Lunt, C. (A)

McNeill, G. T. (A)
 Megaw, E. C. S. (A)
 Montgomery, A. W. (M)
 Mumford, A. H. (A)
 Nottage, W. H. (A)
 Oliphant, W. D. (A)
 Rapson, E. T. A. (A)
 Singh, W. K. (A)
 Starr, C. H. (A)
 Summerfield, J. L. (A)
 Toombs, R. (A)
 Watson, G. H. (A)
 Wright, A. (A)
 Wright, S. R. (M)

MONMOUTH

Cam, F. A. (A)

NORTHAMPTON

Calver, F. N. (M)

NORTHUMBERLAND

Bowman, A. (A)
 Challands, A. C. (A)
 Quinn, J. R. (A)
 Swanson, J. W. M. (A)
 Thew, C. L. (A)

NOTTINGHAM

Litchfield, G. A. (A)
 Pinnock, L. W. J. (A)
 Scotney, R. (A)
 Webster, R. (A)

OXFORD

Moore, R. C. (A)
 Moullin, E. B. (M)
 Woodhead, H. C. (A)

SHROPSHIRE

Faulkner, H. (M)
 Mitchell, A. R. (A)

SOMERSET

Hawkeswood, A. E. (A)
 Humphreys, H. F. (M)
 Mainstone, A. E. (A)
 Scott, P. R. (A)

STAFFORD

Brown, W. F. (A)
 McDonald, D. M. (A)
 Norman, F. A. (A)
 Parsons, D. R. (A)

SUFFOLK

Bainbridge-Bell, L. H. (A)
 Larnder, H. (A)
 Parry, R. C. (A)
 Rayment, K. I. (A)
 Squires, M. (A)
 Townsend, F. T. G. (M)
 Wilkins, A. F. (A)

SURREY

Agate, C. S. (M)
 Baxter, C. (M)
 Carpenter, R. E. H. (M)
 Clark, R. G. (A)
 Cobb, F. A. (M)
 Coursey, P. R. (A)
 Coutts, S. A. (A)
 Crawford, C. G. (A)
 Dorte, P. N. (A)
 Drewry, E. R. (A)
 Dupree, F. H. (M)
 Elford, E. N. (A)
 Elwell, C. F. (F)
 Forbes, F. D. (A)

Gabriel, R. P. (A)
 Gutteridge, L. W. (A)
 Hall, R. C. (A)
 Jeffcock, J. P. (A)
 Lane, C. V. (A)
 Lewis, H. A. (A)
 MacKenzie, D. G. (A)
 Moon, J. L. (A)
 Robinson, D. D. (A)
 Smith, M. C. (A)
 Thompson, A. E. (M)
 Tompsett, F. J. (A)
 Vedy, L. G. (A)
 Woods, G. (A)

SUSSEX

Anderson, J. L. D. (A)
 Blackburne, A. F. N. (A)
 Thorpe, S. M. (A)

WARWICK

Bewick, W. (A)
 Greig, J. (A)
 Hollinghurst, F. (A)
 Kinman, T. H. (M)
 Lovelock, R. T. (A)
 Moore, J. T. (A)
 Panton, R. (A)
 Parkinson, W. R. (A)
 Sharp, S. (A)
 Sweeney, R. F. (A)

WESTMORELAND

Dougherty, J. B. (A)

WORCESTER

Dew, W. E. (A)
 Graham, A. (A)
 Herdman, T. L. (A)
 Hartwright, J. F. (A)
 Mansell, L. H. (M)
 Stead, C. (A)
 Wheeler, E. F. (A)

YORK

Airton, L. W. (A)
 Almond, R. (A)
 Pooler, E. (A)
 Dale, J. (A)
 Fennessy, F. H. (A)
 Gautby, H. R. B. (A)
 Hardy, C. (A)
 Horn, C. O. (A)
 Instrall, R. C. (A)
 Kitching, F. O. (A)
 Mainwaring, W. (A)
 Moules, J. W. (A)
 Potter, M. (A)
 Rawling, G. I. (A)
 Russell, M. W. G. (M)
 Shaw, S. C. (A)
 Turvey, H. C. (A)
 Wheeler, C. H. J. (A)
 Woodcock, N. A. (A)

ESTONIA

Work, H. R. (A)

FEDERATED
MALAY
STATES

Singh, H. (A)
 Stubbs, W. (A)
 Soares, J. B. (A)

FRANCE

Amiot, J. L. (A)
 Bussat, R. M. A. (A)
 Clavier, A. G. (M)

FRANCE

de Bellescize, H. J. J.
M. (M)
Grossin, H. (A)
Haubert, A. (A)
Kraemer, G. I. (M)
Lagasse, A. C. (M)
Maget, R. V. (A)
Rullier, A. (A)
Satizelle, S. R. (A)
Sklar, H. L. (A)
Tarel, G. (A)
Vecchiali, F. D. J. (A)
Warin, M. P. (A)

Paris

Berche, P. (A)
Bethenod, J. F. J. (A)
Cheftel, A. M. (M)
de Bagneux, R. (A)
de Bozas, G. DuB. (A)
Deloraine, E. M. (M)
de Mare, J. (M)
Fabricant, P. (A)
Gavoret, G. (A)
Gerten, N. (A)
Gray, R. E. (A)
Hoffman, R. B. (A)
Kahn, P. O. (A)
Labin, E. (A)
Levy, L. (M)
Salles, G. (A)
Ulrich, E. H. (M)
Wallace, M. (M)
Wendell, E. N. (M)
Wybrands, K. R. G. M.
(A)

FRENCH SOMALILAND

Franchette, F. (A)

FRIENDLY ISLANDS

Land, J. R. (M)

GERMANY

Barkhausen, H. (F)
Lehr, R. (A)
Lübcke, E. K. W. (M)
Mögel, H. I. (M)
Shih, T. (A)
Zenneck, J. A. W. (F)

Berlin

Gothe, A. (A)
Kofes, A. (M)
Meissner, A. (F)
Moser, W. (A)
Riepka, H. C. (M)
Rothe, H. (M)
von Ardenne, M. (A)
Wagner, K. W. (F)
Weth, M. (A)

GREECE

Pezopoulos, K. (A)

GUAM

Jorgenson, A. A. (A)
Keesey, E. R. (A)

HAWAIIAN ISLANDS

Branch, L. W. (M)
Janitschke, E. O. (A)
Slavin, S. (A)
Thornton, J. P. (A)
Wada, J. C. (A)

Honolulu

Alverson, J. G. (A)

Balch, J. A. (M)
Beach, A. R. (A)
Bradshaw, L. (A)
Clark, G. W. (A)
Eller, W. H. (A)
Fabius, A. (A)
Miyake, I. (A)
Murai, F. H. (A)
Nakamoto, W. H. (A)
Takase, R. H. (A)
Zimmerman, P. R. (A)

HONDURAS

Aymar, E. (A)
King, W. M. (A)

HONG KONG

Chung, W. Y. (A)
Morris, R. P. (M)

HUNGARY

Alker, T. F. (M)
Babits, V. A. (M)
Czeglédy, G. A. (A)
Detsky, C. F. (A)
Lendvai, D. (A)

INDIA

Baliga, B. V. (A)
Baxter, D. C. (A)
Bharucha, J. H. (A)
Chacko, M. V. (A)
Chakradeo, L. M. (A)
Chetty, W. P. (A)
Garudachar, T. K. (A)
Gidh, S. G. (A)
Goyder, C. W. (A)
Hawes, R. N. (M)
Joshi, K. D. (A)
Kantebet, S. R. (M)
Kaul, J. (A)
Kamat, V. Y. (A)
Kanitkar, G. C. (A)
Khandhar, J. P. (A)
Major, D. S. (A)
Mukerji, S. N. (A)
Mulleneux, H. J. (A)
Murthy, T. V. R. (A)
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Pal, M. V. (A)
Pardhy, B. T. (A)
Phatak, R. K. (A)
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(A)
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Rao, H. V. (A)
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Rao, P. V. (A)
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Shroff, T. R. (A)
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Thacker, M. S. (A)
Verman, L. C. (A)

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Bulow, V. A. M. (A)
Rashduni, H. D. (A)
Rifaat, T. (A)

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FREE STATE

Egan, M. C. (A)
Ferguson, J. D. (M)

Kennedy, M. F. (A)
Murphy, P. J. (A)
Neligan, S. (A)
Walker, G. S. D. (A)
Walton, E. T. S. (A)

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Kusunose, Y. (A)
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Tobiyama, K. (A)
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Ueno, S. (A)
Uyeda, H. (A)
Yamaguchi, U. (A)
Yokoyama, E. (M)
Yokoyama, T. (A)
Yonezawa, S. (A)
Yoshioka, H. (A)

KENYA COLONY

Leathes, W. H. B. De M. (A)
Murray, J. W. (A)

LATVIA

Akmentins, A. (A)
Feldman, N. (A)
Jukna, R. (A)

LITHUANIA

Gabriunas, K. A. (A)

MALTA

Galea, R. F. (A)
Gregory, D. E. (A)
Swinney, E. (A)

MANCHUOKUO

Kurose, I. (A)
Suzuka, M. (A)

MARITIME PROVINCES

NEW BRUNSWICK
LaPorte, J. M. (A)

NOVA SCOTIA

Carter, R. D. (A)
Martlieu, C. H. O. (A)
O'Brien, F. G. (A)
Sutherland, A. (A)

PRINCE EDWARD ISLAND

Adams, J. Q. (A)

MEXICO

Bruce, J. H. (A)
Cuesta, N., Jr. (A)
de Perez, J. (A)
Fernandez, M. A. (A)
Hard, J. M. B. (A)
Islas, F. L. (A)
Muzquiz Carranza, G. (A)
Reuthe, G. (M)

NETHERLANDS

Bloemsmaj, J. (A)
Blom, P. (A)
Bouman, H. J. J. (A)
Breimer, S. H. (A)
de Graaff, A. (A)
Gibas, H. A. S. (A)
Huizinga, S. M. (A)
Hummeling, W. G. A. M. (A)
Rens, H. (A)
Roorda, J., Jr. (A)
Schotel, G. (M)
Severs, J. (A)
van der Pol, B. (F)
Verdam, N. H. (M)

NEW ZEALAND

Baxendale, J. (A)
Brent, H. C. (M)
Buchanan, D. W. (A)
Clarkson, T. R. (A)
Connan, W. J. (A)
Firth, E. T. (A)
Fletcher, H. B. (A)
Gibbs, R. J. (A)
Glasse, R. B. (A)
Hansen, I. C. (A)
Hart, G. C. (A)
Henderson, B. G. (A)
Hunter, B. F. (A)
Jack, R. (A)
Laird, J. N. (J)
Macedo, F. J. (A)
McEwen, K. D. (A)
McLennan, R. A. (M)
Orbell, R. J. (A)
Paulson, E. J. (A)
Perry, P. N. M. (A)
Robinson, R. R. (A)
Rubenstein, S. J. (A)

Ruscoe, C. R. (A)
Russell, C. R. (M)
Ryland, A. (A)
Smith, J. R. (A)
Snelgar, I. J. H. (A)
Svendsen, A. V. (A)
Turner, W. G. (A)
Undrill, E. (A)
Watkins, E. K. C. (A)

NICARAGUA

Macy, S. A. (A)

NORWAY

Flood, S. W. (A)

PALESTINE

Margalith, A. (A)

PARAGUAY

Schoemaker, J. P. (A)

PERU

Anderson, L. N. (A)
Hansen, E. (A)
Pedersen, A. A. (A)
Robertson, J. J. C. (A)

PHILIPPINE ISLANDS

Grey, J. M. (A)
Grupe, E. (A)
Lechman, O. (A)
Morris, H. B. (A)
Morse, L. R. (A)
Neimo, P. J. (A)
Oclassen, F. J. (A)

POLAND

Groszkowski, J. (M)
Lewinski, C. (A)
Mathieu, G. A. (F)
Modrak, P. (A)
Plebanski, J. (M)
Rabecki, W. (A)
Rzymowski, E. K. (A)
Sokolcow, D. M. (M)

PORTO RICO

Behr, F. J. (F)
General, J. (A)
Kenrick, G. W. (F)
Marti, H. (S)
Sanchez, R. (S)
Soler, J. (A)
Villaflora, O. (S)

PORTUGAL

Borges, F. B. (A)
Tishshaw, H. S. (M)

PORTUGUESE EAST AFRICA

Gordinho, T. J. (A)

RUMANIA

Konteschweller, M. (A)
Petrasco, E. (A)

SCOTLAND

SCOTLAND

Allan, E. J. (A)
 Beveridge, J. A. (M)
 Birch, A. (A)
 Bird, R. J. (M)
 Flett, J. (A)
 Knowles, J. G. (A)
 MacFarlane, G. G. (S)
 Miller, J. C. (A)
 Ramsay, J. F. (A)
 Smith, S. J. (A)
 Thomson, W. B. (A)

SIAM

Aram, P. (M)

SOUTH AFRICA

Anolick, J. O. B. (A)
 Blinkhorn, K. (A)
 Dunbar, J. (A)
 Dunning, C. (A)
 Filmer, N. L. (A)
 Gibson, M. (A)
 Goetz, M. (A)
 Hendry, J. S. (A)
 Heyes, O. (A)
 Hutchinson, M. (A)
 Johnston, J. J. F. W. (A)
 Kos, S. F. (M)
 Osborn, E. W. (A)
 Patrick, P. E. (A)
 Perrow, F. A. P. (M)
 Southern, B. E. (A)
 Wild, W. H. (A)

Johannesburg

Beard, R. G. (A)
 Bozzoli, G. R. (A)
 Duff, W. A. (A)
 England, R. G. W. (A)
 Houghton, H. W. (A)
 Kucera, F. L. (A)
 Levington, A. (A)
 Pfau, W. (A)
 Toeplitz, W. (A)

Troost, N. (A)
 van der Bijl, H. J. (F)
 Walker, G. D. (A)
 Wendrow, R. (A)

SPAIN

Alonso, J. (A)
 Cuervo, L. S. (A)
 de Urgoiti, R. M. (A)
 Fernandez, J. De P. (A)
 Oliva Llamusi, F. (M)
 O'Neill, H. N. (A)
 Pelaez, D. C. (A)
 Riu, A. M. (A)
 Rodriguez, A. A. (A)

STRAITS SETTLEMENTS

Carson, A. H. (M)
 Macintosh, J. (A)
 Marshall, J. A. (A)
 Martin, W. M. (A)
 Sutherland, J. G. A. (M)
 Willoughby, E. O. (A)

SWEDEN

Brigge, G. A. (A)
 Elmquist, T. (A)
 Granqvist, C. E. (A)
 Hök, C. G. M. (A)
 Kruse, O. S. N. (A)
 Lemoine, A. S. (A)
 Lofgren, E. O. (A)
 Lundwall, B. H. (A)
 Nilsson, G. A. (A)
 Rydbeck, O. E. H. B. (A)
 Stannow, J. C. (A)
 Sterky, H. K. A. (A)

SWITZERLAND

Anselmi, S. C. (A)
 Baumann, K. (A)

Blochinger, J. S. (A)
 Christeler, A. (A)
 Gautschi, W. (A)
 Guggenheim, S. (A)
 Nicole, A. (A)
 Stroh Schneider, W. (A)
 Tank, F. (A)
 Wertli, A. (A)

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Ball, G. F. (A)

TURKEY

Onder, A. K. (A)

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Garcia, L. A. (A)
 Primavesi, J. C. (A)
 Schaffner, C. L. (A)

U.S.S.R.

Arshinoff, S. (A)
 Bashenoff, V. I. (M)
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 Kacourine, S. N. (A)
 Nudeh, A. (A)
 Vinogradsky, B. (A)
 Yakovlev, A. A. (A)

VENEZUELA

Franks, W. E. (A)
 Imle, J. F. (A)
 Lopez, A. L. (A)

WALES

Cross, A. (A)
 Eyton, W. T. (A)
 Oliver, C. J. (A)
 Partridge, J. A. (A)
 Pearce, W. J. (A)
 Whale, G. S. (A)

ANALYSIS OF MEMBERSHIP BY GRADES

Fellows	134
Members	637
Associates	4098
Juniors	34
Students	293
Total	5196

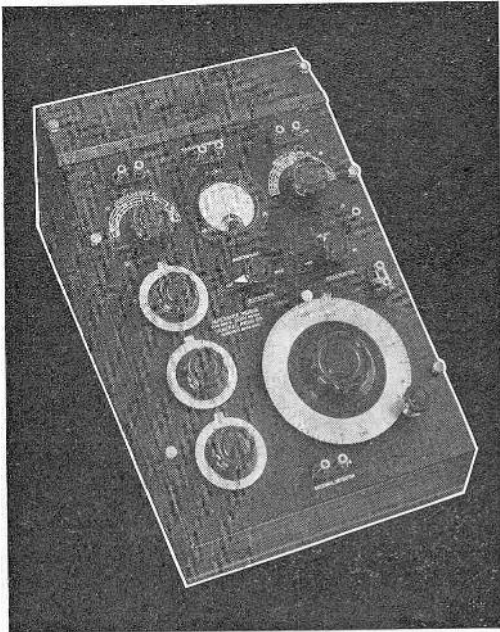
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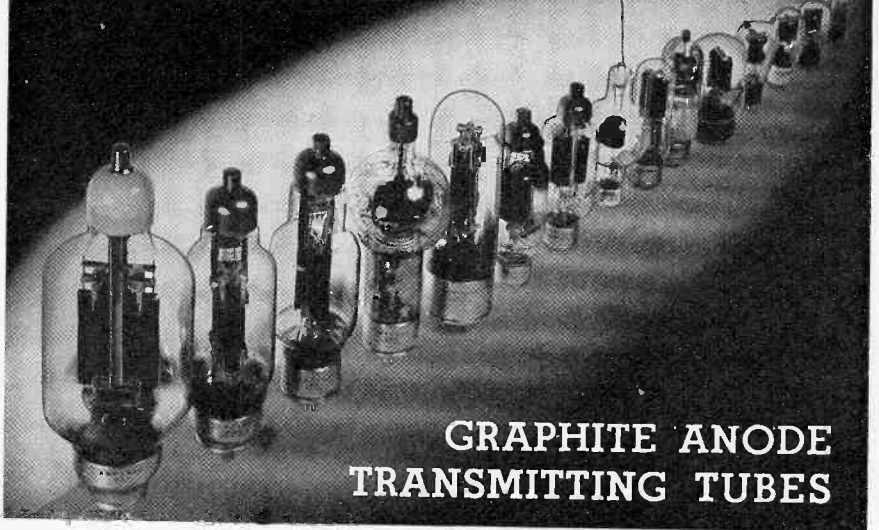


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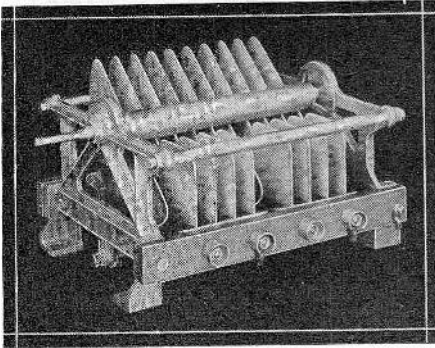
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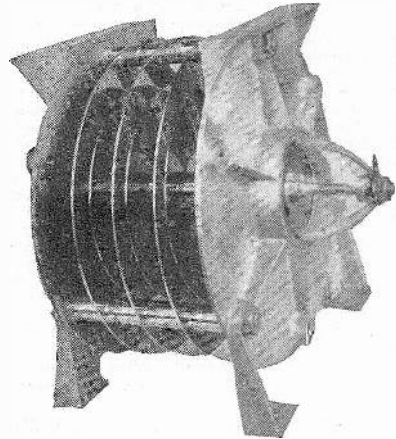
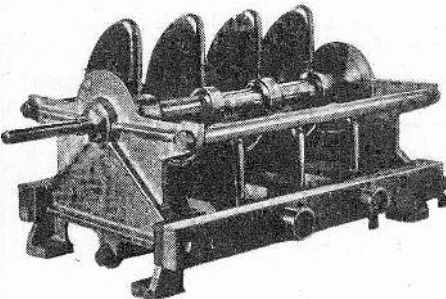
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Plates $\frac{1}{8}$ " thick, buffed and highly polished—edges rounded
Material—
Solid brass rotors, stators and tie rods
End Plates Heavy cast aluminum
Airgap $\frac{1}{2}$ "
Radius of Rotor Plates $\frac{5}{8}$ "
Peak Flashover Voltage 10,000 volts
Insulation General Electric Mycalex
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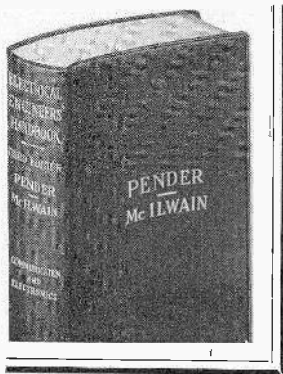


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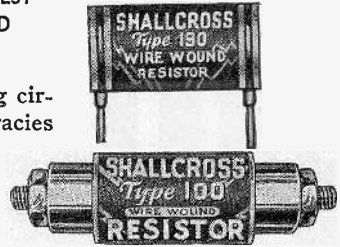
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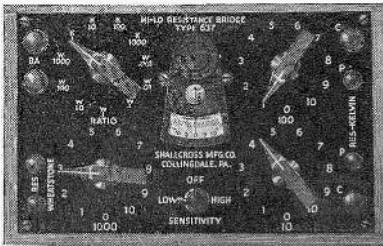
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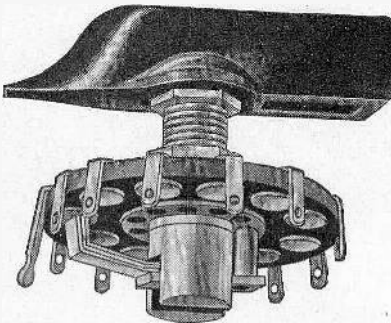


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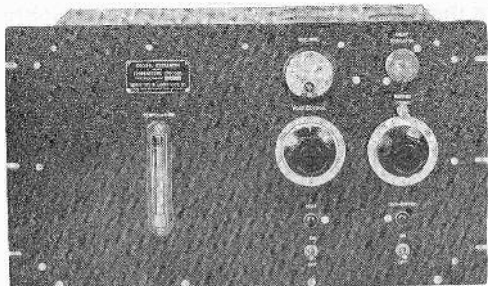
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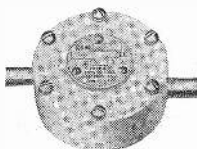
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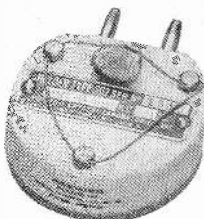
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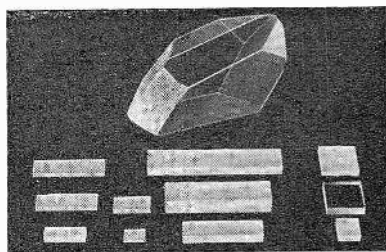


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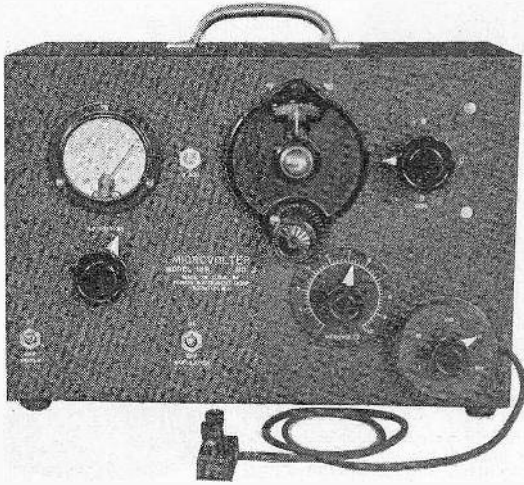
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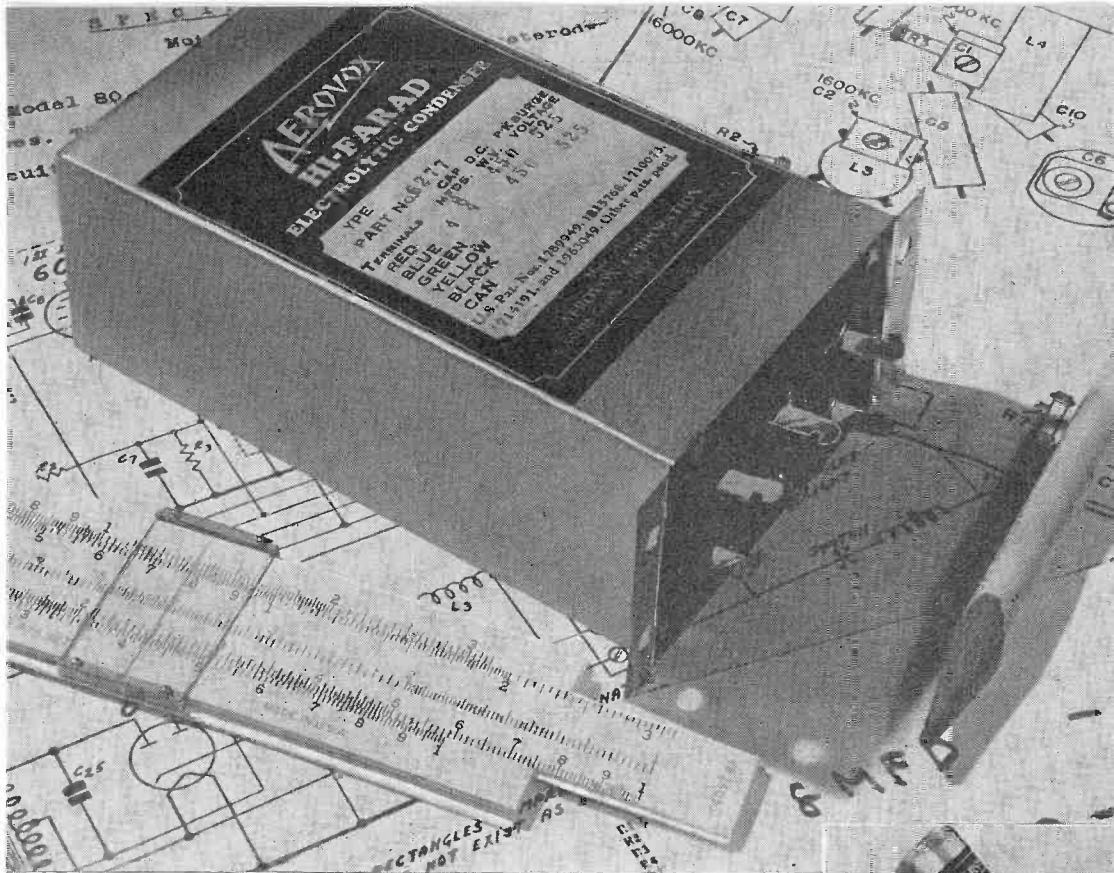
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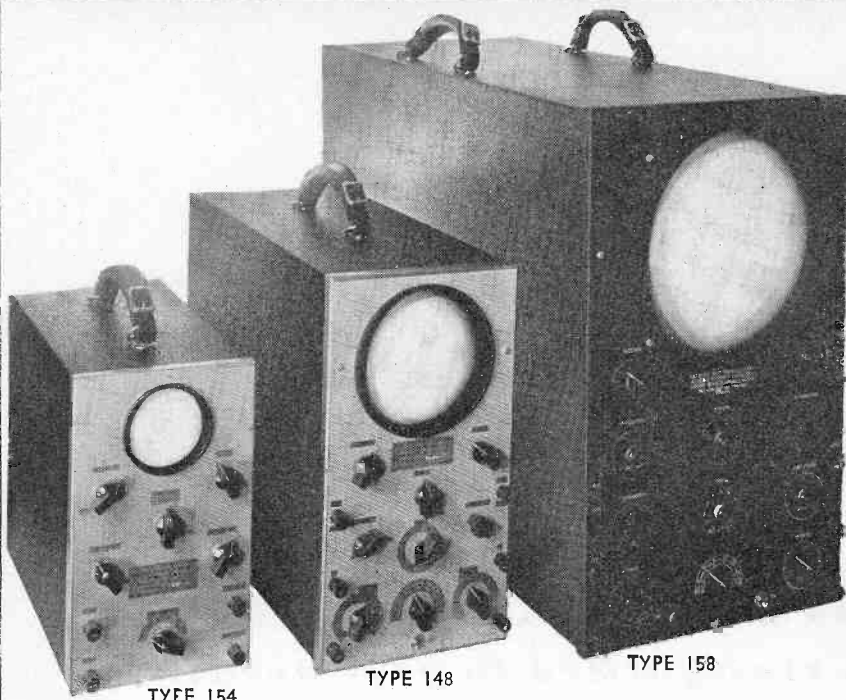
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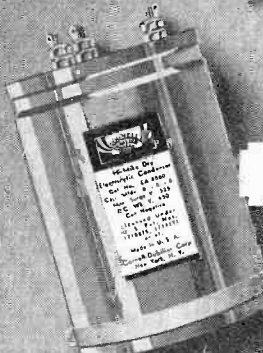
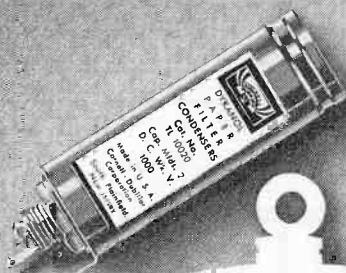
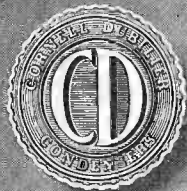
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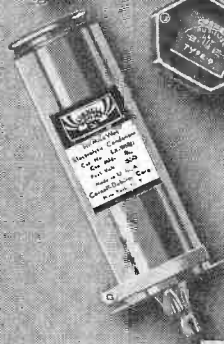
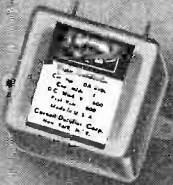
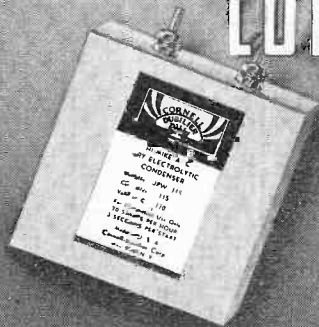
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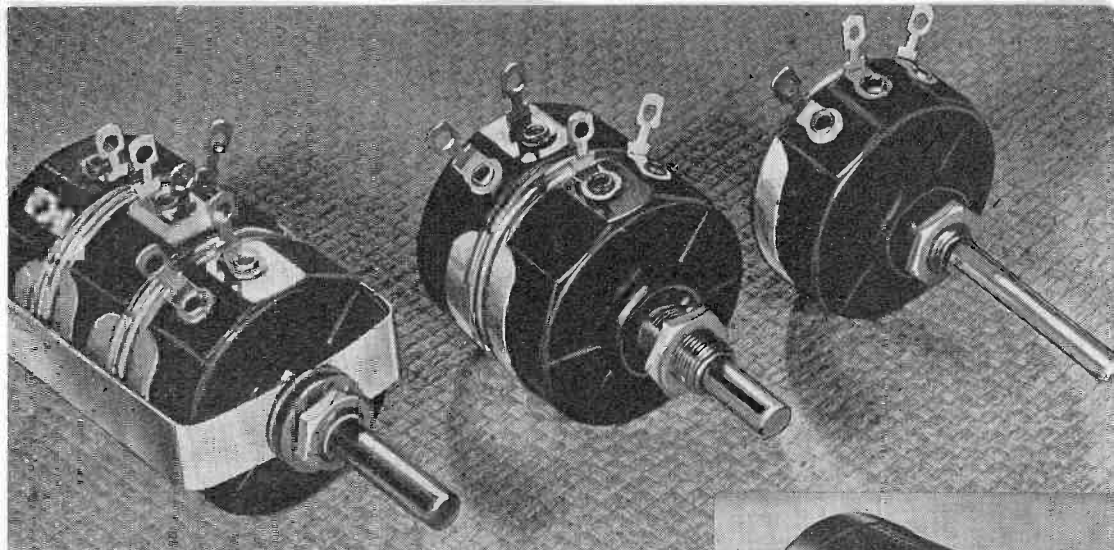
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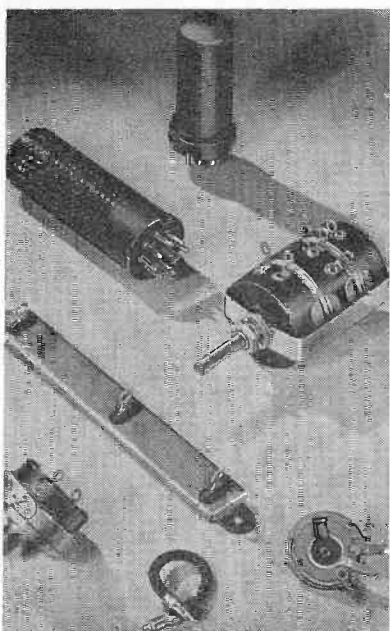
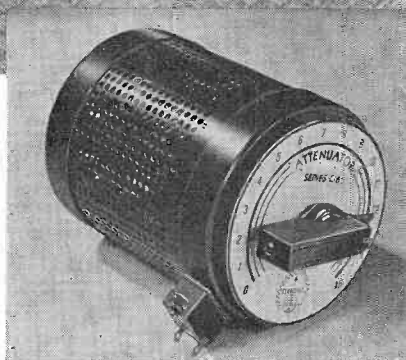
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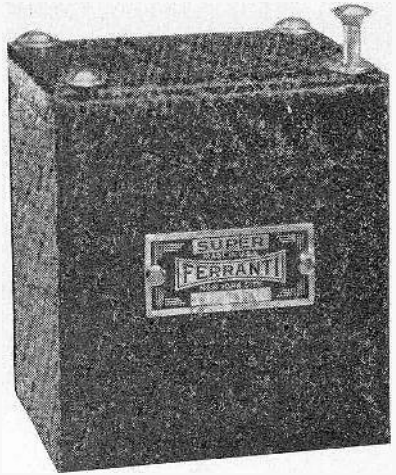
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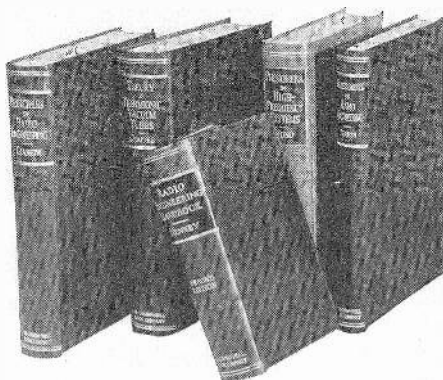


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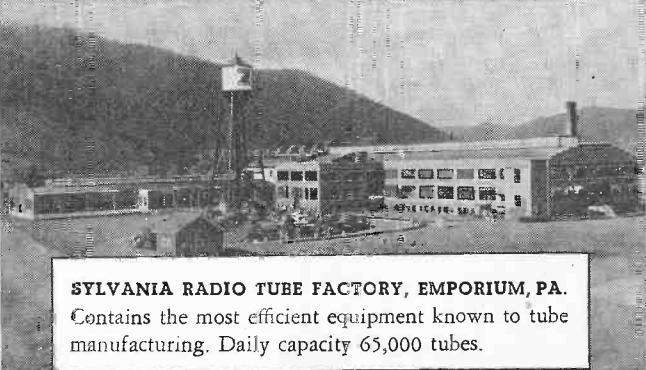
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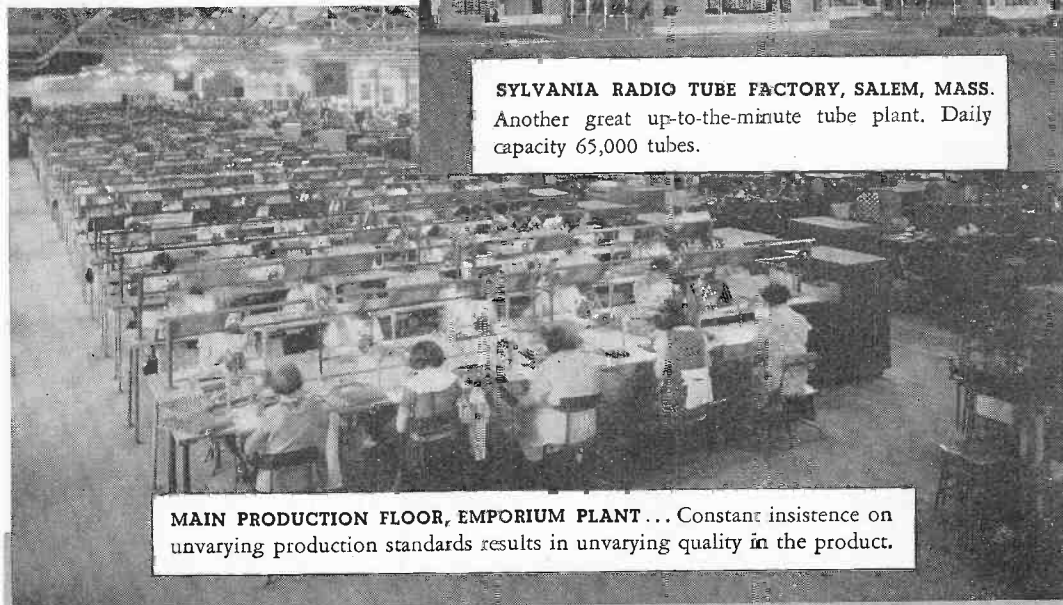
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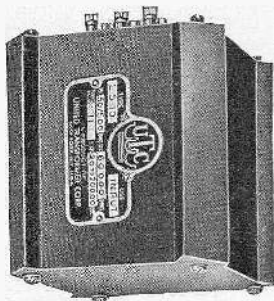


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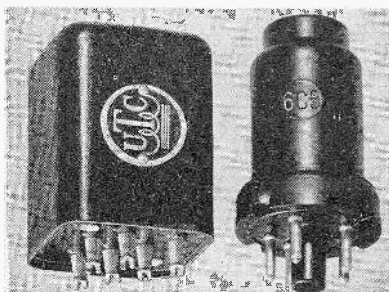
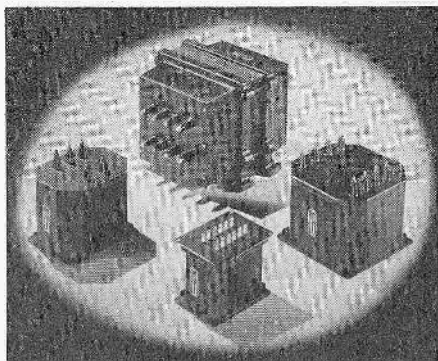


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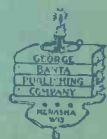
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