

# MUSICAL DIRECTORS

## Indiana

Elkhart, WTRC.....Margaret Lantz  
 Fort Wayne, WOWO.....Guy Fitzsimmons  
 Hammond, WJOB.....J. Gibb Springs  
 Indianapolis, WFBI.....Walter H. Reuleaux  
 WIBC.....Walter Jackson  
 WIBC.....Jean Williams  
 WISH.....Margaret Pryce  
 Muncie, WLBC.....June Johnson  
 South Bend, WHOT.....Orville Foster  
 WSBT.....Harlan Hogan  
 Terre Haute, WBOW.....Leo J. Baxter  
 West Lafayette, WBAA.....Nancy Holdbrook

## Iowa

Ames, WOI.....Edward Wegener  
 Boone, KFQQ.....Lydia Smalits  
 Burlington, KBUR.....Mary Mangold  
 Cedar Rapids, Waterloo, WMT.....Maureen Canavan  
 Davenport, WOC.....George Sontag  
 Decorah, KWLC.....Helen Trilhus  
 Des Moines, WHO.....Don Hovey  
 Dubuque, WKBB.....Ethel M. Carpenter  
 Marshalltown, KFJB.....T. LaValley  
 Shenandoah, KFNF.....Perry Douthit  
 KMA.....Mabel McFarland  
 Sioux City, KSCJ.....Miriam Corkhill  
 KTRI.....Bernie Mahr  
 Waterloo, KXEL.....George Timm

## Kansas

Coffeyville, KGGF.....Ozzie Osborne  
 Emporia, KTSW.....Rosalee Askew  
 Garden City, KTUL.....Frances Ewing  
 Great Bend, KVGB.....Ray Beals  
 Kansas City, CKKN.....Milan Mahale  
 Topeka, WIBW.....Mrs. Maude Shreffler  
 Wichita, KFBI.....F. E. Markwell  
 KPH.....Wayne Euchner

## Kentucky

Ashland, WCMI.....Jean Thompson  
 Bowling Green, WLBJ.....Ida M. Sadler  
 Hopkinsville, WHOP.....Katherine Peden  
 Lexington, WLAP.....Lowry Kohler  
 Louisville, WAVE.....Earle Keller  
 WGRC.....J. Bertram Harmon  
 WHAS.....Robert Hutsell  
 WINN.....Claude Fraul

## Louisiana

Lafayette, KVOL.....Mae D. Thibodeaux  
 Monroe, KMLB.....Mrs. Marjorie Watson  
 New Orleans, WDSU.....James Forsyth  
 WWL.....Irvine Vidacovich  
 Shreveport, KRMD.....Elizabeth Alford  
 KWKH.....Howard Langfitt

## Maine

Bangor, WABL.....Harold Dorr  
 WLBZ.....Norman Lambert  
 Lewiston, WCOU.....Marion P. Louisfell  
 Portland, WOSH.....Norman Ayre

## Maryland

Baltimore, WBAL.....Joseph C. Miller  
 WCOA.....Robert P. Inla  
 WCBM.....Jack V. Rohr  
 WTH.....James T. Mahoney  
 Frederick, WFMD.....Joe Johnson  
 Salisbury, WBOC.....Russell Yohe

## Massachusetts

Boston, WBZ.....A. Rakov  
 WEEL.....F. E. Bellizia  
 WHDH.....E. M. Knabe  
 WNAC.....Bobby Norris  
 WORL.....Bob Perry  
 Holyoke, WHYN.....Jay Heitin

Lawrence, WLAW.....Joe Nichols  
 Springfield, WBZA.....A. Rakov  
 Worcester, WAAB.....Robert Pooley  
 WTAG.....Dol Brissette

## Michigan

Bay City, WBCM.....L. H. DeRemer  
 Detroit, WJBK.....Pete Angel  
 WJLB.....Herbert Mertz  
 WJR.....Sam Benavio  
 WJR.....Paul LaVoie  
 WWJ.....Mischa Kottler  
 WNYZ.....Benny Kite  
 Flint, WFDF.....Billy Geyer  
 Grand Rapids, WOOD.....Sandy Meek  
 Ironwood, WJMS.....Laura Johnson  
 Ludington, WKLA.....Peter A. Mars  
 Muskegon, WKBZ.....Al Vredveld  
 Port Huron, WHLS.....Lyle Patterson  
 Traverse City, WTCM.....Don Mullen

## Minnesota

Duluth, WEBC.....John Kleive  
 Mankato, KYSM.....Maurice Piche  
 Minneapolis, WCCO.....Wallace Olson  
 WDGY.....Walter W. Rudd  
 WLB.....Donald Ferguson  
 WLOL.....Verne Rooney  
 WTCN.....Michael Coscio  
 Northfield, WCAL.....Oscar R. Overby  
 Rochester, KROC.....Cal Smith  
 St. Paul-Minneapolis, WMIN.....Helene Negard  
 KSTP.....Leonard Leigh  
 Winona, KWNO.....M. J. Leu

## Mississippi

Clarksdale, WROX.....Hugh W. Smith  
 Greenville, WJPR.....Martha de Gravelles  
 Gulfport, WGCM.....Len Campbell  
 Jackson, WSLI.....Mrs. George Philp  
 McComb, WSKB.....Julia D. Blumenstock  
 Natchez, WMIS.....Harry K. Barth  
 Tupelo, WELO.....Thurman Enlon

## Missouri

Columbia, KFRR.....Dorothy Jacques  
 Hannibal, KHMO.....Maxine Dierking  
 Joplin, WMBH.....Stella Lukens  
 Kansas City, KCKN.....Milan Mahale  
 KCMO.....Gene Moore  
 KMBC.....P. Hans Flath  
 WHB.....Willie Ganz  
 Poplar Bluff, KWOC.....Marjorie Studer  
 Springfield, KRTS.....M. Dale Thurman  
 St. Joseph, KFEO.....Edward Moore  
 St. Louis, KFEO.....Gerhard Schroth  
 KWK.....Karl Hohengarten  
 KXOK.....Robert W. Swain  
 WEW.....Ralph Stein

## Montana

Billings, KGHL.....Harry Turner  
 Kalispell, KGEZ.....Oliver G. Coburn

## Nebraska

Grand Island, KMMJ.....Dave Rogers  
 Kearney, KGFV.....Peg Biber  
 Lincoln, KFAB.....Alene McKinney  
 KFOR.....John Cox  
 North Platte, KODY.....Jack Wells  
 Omaha, KBON.....Ernest S. Priesman  
 KOLL.....Teresa Bredar  
 WOW.....Stanley Rucker

## New Hampshire

Manchester, WFEA.....Roger Barrette  
 WMUR.....Bertram Colter  
 Portsmouth, WHEB.....Robert Athern

# MUSICAL DIRECTORS

## New Jersey

Atlantic City, WFPG.....Edgar A. Sweet  
 Bridgeton, WSNJ.....Lowell C. Ayars  
 Jersey City, WHOM.....Joseph DeLuca  
 Newark, WAAAT.....Gus Steck  
 Trenton, WTNJ.....Walter Lewis  
 WTTM.....Dean Andrews

## New Mexico

Albuquerque, KOB.....John Lowe  
 Hobbs, KWEW.....Gertrude Dimpel

## New York

Albany, WABY.....Carl Miller  
 WOKO.....Carl Miller  
 Auburn, WMBO.....Dorothy Bolin  
 Binghamton, WNBF.....W. J. Gillen  
 Brooklyn, WLIB.....Eddy Brown  
 Buffalo, WBEN.....Sinclair "Bob" Armstrong  
 WBNY.....Arthur Crosson  
 WEBR.....Irving Shire  
 Elmira, WENY.....Harry S. Springer  
 Ithaca, WHCU.....John H. Deal  
 Jamestown, WJTN.....Charles R. Trautner  
 New York, WBNX.....Fred Mendelshon  
 WEAF.....Frank Black  
 WEVD.....Nicholas Saslavsky  
 WHN.....Don Albert  
 WINS.....Henry Sylvern  
 WJZ.....Paul Whiteman  
 WMCA.....Jerry Sears  
 WNEW.....Merle Pitt  
 WNYC.....Herman Neuman  
 WOR.....Alfred Wallenstein  
 WOV.....Paul Romeo  
 WQXR.....Leon Barzin  
 Niagara Falls, WHLD.....Harold Bradley  
 Ogdensburg, WSJ B.....Flo Beach Rowe  
 Rochester, WHEC.....Ken Sparnon  
 WSAY.....Vila P. Brown  
 Schenectady, WGY.....Frank Glenn  
 WGY.....Edward A. Rice  
 WSNY.....Eleanor Clements  
 Syracuse, WAGE.....Thelma Jean McNeill  
 WSYR.....Murray Bernthal  
 Troy, WTRY.....E. W. Rossell  
 Utica, WIBX.....Walter Griswold  
 Watertown, WWNY.....Harriette I. Dunbar  
 White Plains, WFAS.....Randall Kaler

## North Carolina

Burlington, WBBS.....William Sandefur  
 Charlotte, WBT.....L. Larry Walker  
 Durham, WDNC.....Mildred Alexander  
 Goldsboro, WGBR.....Margaret Long  
 Greensboro, WGBG.....Stan Conrad  
 WBIG.....Margaret Banks  
 Raleigh, WRAL.....L. J. Morris  
 Washington, WRRF.....Mary Miller  
 Wilson, WGTM.....Ed Cox

## North Dakota

Bismarck, KFYZ.....C. F. Dirlam  
 Fargo, WDAY.....Dick Hall

## Ohio

Akron, WAKR.....Stanley N. Schultz  
 Ashtabula, WCA.....Mary Pavolino  
 Canton, WHBC.....Martin Alexander  
 Cincinnati, WCKY.....Charles Mautthe  
 WCPQ.....Eugene T. Hocter  
 WKRC.....Gladys Lee  
 WLW.....Milton Weiner

Cleveland, WGAR.....Walberg Brown  
 WHK.....Willard Pott  
 WJW.....Donald Kayler  
 Columbus, WBNS.....Geer Parkinson  
 WHKC.....Abram Ruvinsky  
 WOSU.....Mrs. Ann Charles  
 Dayton, WHIO.....Henry Lange  
 WING.....Charles Reeder  
 Findlay, WFIN.....Barbara J. Tyner  
 Mansfield, WMAN.....Earl Black  
 Marion, WMRN.....Carol Whirrett  
 Portsmouth, WPAV.....Dorothy Page  
 Toledo, WSPD.....Gene L. Williams  
 WTOL.....Marke Cunningham  
 Youngstown, WFMJ.....Col. L. R. Boals  
 WKBN.....Dwight Merriman

## Oklahoma

Ardmore, KVSO.....Dolly Dutton  
 Bartlesville, KWON.....Martha Boucher  
 Enid, KCRG.....Esther Ehrlich  
 Lawton, KSWO.....M. K. Wells  
 Norman, WNAD.....Mrs. Gerald Hollman  
 Oklahoma City, KOMA.....Mickey Reynolds  
 KTOK.....Jean Knight Paxton  
 WKY.....Allan Clark  
 Tulsa, KOME.....Alfred Fox  
 KTUL.....Glenn Hardman  
 KVOO.....Joe O'Neil

## Oregon

Albany, KWIL.....Nancy Fisher  
 Coos Bay, KOOS.....Margaret Anderson  
 Corvallis, KOAC.....Cynthia Blood  
 KOAC.....Richard E. Fuson  
 Portland, KALE.....John Emmel  
 KEX.....Abe Berecovitz  
 KGW.....Abe Berecovitz  
 KOIN.....Red Dunning

## Pennsylvania

Dubois, WCED.....Les Ryder  
 Erie, WERC.....Milton Munn  
 WLEU.....Anthony Conti  
 Grove City, WSAJ.....Prof. Stanley Seiple  
 Harrisburg, WHP.....David Shoop  
 Philadelphia, KYW.....Clarence Fuhrman  
 WCAU.....Elliott Lawrence  
 WCAU.....Jane Read  
 WDAS.....Joseph Schreibman  
 WFIL.....Norman Black  
 WIBG.....Eric Wilkenson  
 WIP.....Joseph Frassetto  
 WPEN.....Joseph Franzosi  
 Pittsburgh, KDKA.....Bernie Armstrong  
 WCAE.....Bob Rhodes  
 WJAS.....Lee Kelton  
 WWSW.....Homer Ochenhirt  
 Reading, WEEU.....E. L. Hoffmaster  
 Uniontown, WMBS.....Sullivan Sages  
 Washington, WJPA.....Ellen Jane Smith  
 Wilkes Barre, WBAX.....Phil Cusiek  
 WBRE.....L. Savitt  
 York, WSBA.....Harold Shutz

## Rhode Island

Pawtucket, WFCI.....Arthur Paquette  
 Providence, WEAN.....Salvatore Fransosi  
 WJAR.....Earl J. Shean  
 WPRO.....Edwin F. Drew

## South Carolina

Charleston, WCSC.....Hilda Edwards  
 WCSC.....Louise Wilkins  
 WTMA.....Alicia Rhett  
 Columbia, WCOS.....Elsie Lou Maas  
 WIS.....Lillian Pitts

• • • **MUSICAL DIRECTORS** • • •

Florence, WOLS.....Raymond Caddell  
 Greenville, WFBC.....Virginia Kelly  
 WMRC.....H. Merrills Lewis  
 Spartansburg, WSPA.....Corinne Kearse  
 Sumter, WFIG.....T. Douglas Young

•  
**South Dakota**

Rapid City, KOTA.....John E. Simpson  
 Sioux Falls, KELO.....Ted West  
 Yankton, WNAX.....Rex Hayes

•  
**Tennessee**

Chattanooga, WAPO.....William Krug  
 WDEF.....Jean Van Arsdale  
 WDDO.....William Krug  
 Jackson, WTJS.....James Allen  
 Knoxville, WNOX.....Jerry Collins  
 WROL.....Harry Nides  
 Memphis, WMPS.....Charles Von Kannon  
 Nashville, WLAC.....Charles Nagy  
 WSIX.....Manny Davis  
 WSM.....Beasley Smith

•  
**Texas**

Amarillo, KGNC.....Frances Jensen  
 Austin, KNOW.....Allan Ezell  
 Beaumont, KRIC.....Mary B. Campbell  
 Corpus Christi, KEYS.....J. L. Scoggin  
 KWBU.....Clopton Winifred  
 Dallas, KRLD.....Hyman Charninsky  
 WRR.....Ted Parrino  
 El Paso, KROD.....H. Arthur Brown  
 Fort Worth, WBAP.....Gene Baugh  
 KFJZ.....Frances Kay  
 KGKO.....Al Bowman  
 Houston, KPRC.....Fred Gibbons  
 KTRH.....Edward Fritsch  
 Lubbock, KFYO.....James H. Stiff  
 Port Arthur, KPAC.....Michael Gardner  
 San Antonio, KMAC.....Edmund Barker  
 Vernon, KVWC.....John Allen  
 Waco, WACO.....Mary Holliday  
 Weslaco, KRGV.....R. C. Watkins  
 Wichita, KWFT.....Mrs. Lillie Mae Comiskey

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**Utah**

Ogden, KLO.....Earl G. Donaldson  
 Salt Lake City, KDYL.....Bob Reese  
 KUTA.....Jessie Seamons Taylor

•  
**Vermont**

Burlington, WCAX.....Blanche Crippen  
 Danville, WBTM.....Jacqueline Jones

•  
**Virginia**

Fredericksburg, WFVA.....Hal Weiss  
 Martinsville, WMVA.....Barbara Harding  
 Norfolk, WTAR.....Henry C. Whitehead  
 Richmond, WRNL.....Conrad Rianhard  
 WMBG.....J. Skinnell  
 Roanoke, WDBJ.....Eve Ninger  
 WSLs.....Mavis Taylor Overstreet  
 Suffolk, WLPm.....James R. Pond

•  
**Washington**

Aberdeen, KXRO.....Gladys Bailey  
 Seattle, KIRO.....Max Dolin  
 Spokane, KFPY.....Arthur Zepp  
 KGA.....Earl H. Shinkoskey  
 Tacoma, KMO.....Clementine Wacala  
 Walla Walla, KUJ.....Ruth Denning  
 Yakima, KTYW.....E. J. Hamilton

**West Virginia**

Charleston, WCHS.....Leah Perry Sloman  
 WGKV.....Al Stein  
 Fairmont, WMMM.....DeWitt Wyatt  
 Huntington, WSAZ.....Phyllis Vickers  
 Welch, WBRW.....Bob Kelton  
 Wheeling, WKWK.....F. Oliver Edwards  
 WVVA.....Robert Nesbitt

•  
**Wisconsin**

Janesville, WOLO.....Martha Shorten  
 Madison, WHA.....Frederick Fuller  
 WIBA.....Leon Persison  
 Milwaukee, WEMP.....Elmer Ihrke  
 WISN.....E. Krebs  
 WTMJ.....Maurice Kipen  
 Oshkosh, WOSH.....Marjorie Hilliard  
 Racine, WRJN.....Orson White  
 Sheboygan, WHBL.....Glen James  
 Wausau, WSAU.....Laverne Peterson  
 Wisconsin Rapids, WFHR.....Mrs. Joseph Liska

•  
**Wyoming**

Cheyenne, KFBC.....Dick Lane  
 Rock Springs, KVRs.....Carmen Meageath

•  
**Puerto Rico**

Ponce, WPAB.....Domingo Colon Suris  
 San Juan, WIAC.....Jose Raul Ramirez  
 WKAQ.....Joaquin A. Bursat

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**CANADA**  
**Alberta**

Grand Prairie, CFGP.....Jack Ferguson  
 Calgary, CFAC.....Geoffrey Waddington  
 Edmonton, CFRN.....G. M. Reid

•  
**Manitoba**

Winnipeg, CKRC.....Cy Cairns

•  
**Nova Scotia**

Halifax, CHNS.....Anna Watt

•  
**Ontario**

Kingston, CKWS.....Gordon MacKenzie  
 North Bay, CPOH.....Lu Mitchell  
 Owen Sound, CFOS.....Marie Keenan  
 Pembroke, CHOV.....Miss Betty Tomlison  
 CHEX.....Helen Hallihan  
 Stratford, CJS.....Charles Trethewey  
 Toronto, CJRB.....W. Armour  
 CKEY.....Bruce Tremeeer

•  
**Prince Edward Island**

Charlottetown, CFCY.....Mrs. Flora Rogers

•  
**Quebec**

Hull, CKCH.....Aurele Groulx  
 Montreal, CBF.....J. J. Gagnier  
 CBM.....J. J. Gagnier  
 CFCF.....H. H. Hewetson  
 CKAC.....Paul-Emil Corbeil  
 Quebec, OHRC.....Ant Merceier  
 CKCV.....Paul Lepage  
 Regina, CKCK.....George Fairfield



In meeting  
the challenge of the future,  
*Western Electric*  
equipment leads the way

War's end will bring a challenge to everyone. To those identified with communications and transportation, faster, better interchange of ideas and goods will be the order of the day.

We at Western Electric—with our 75-years heritage of leadership in communications equipment—believe we are peculiarly qualified to accept this challenge.

In world-wide telephony, broadcasting, aviation, marine and mobile radio—in every field where sound-transmission apparatus plays a part—Western Electric has led and will continue to lead the way. In these fields as well as in television, Western Electric will play a dominant part in the future.

*To speed Victory, buy more War Bonds—and keep them!*



# THE TECHNICAL SIDE



*Equipment Men Eye the Peace*



*Instantaneous Recordings  
A Brief History*



*Radio Manufacturers Association*



*Chief Engineers of Stations  
in United States and Canada*

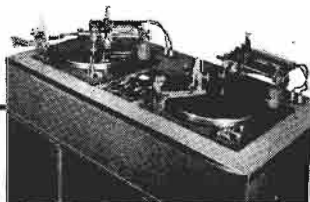


*Consulting Engineers*



*Radio Equipment Manufacturers*

# Serving a Great Industry...



RADIO today is a major force in our national life. We turn to radio for information and instruction, for inspiration and for pleasure. Radio speaks to all ages and all degrees of men. It fills our homes with the beauty of music, the tonic of laughter, the brightness of truth. Radio is everyman's window on the world, an indispensable factor in the culture of America.

To serve such a great industry is both a privilege and a responsibility. For ten years, PRESTO has enjoyed that privilege, has been keenly aware of the responsibility. As the world's largest manufacturers of sound recording equipment and discs, we have striven to serve the radio industry as faithfully and with as high integrity as the radio industry has served the American people.

## *...and a great nation at war*

PRESTO sound recorders are being used today to train Army and Navy personnel; to bring music and news to our front-line troops; to counteract enemy propaganda the world over. In addition, the PRESTO plant

has become a major supplier of electronic equipment for the armed forces. In these ways, and to the limit of our ability, PRESTO is contributing to our war effort.

# PRESTO

RECORDING CORPORATION

242 WEST 55th STREET, NEW YORK 19, N. Y.

WALTER P. DOWNS LTD., *In Canada*

WORLD'S LARGEST MANUFACTURERS OF INSTANTANEOUS SOUND RECORDING EQUIPMENT AND DISCS

# EQUIPMENT MEN EYE THE PEACE

By H. N. Willets

Commercial Contract Service Manager, Radio Division, Western Electric Co.

THE full resources of the Western Electric Company, in peacetime the manufacturing and supply unit of the Bell System and a leading factor in the production of radio broadcasting equipment, are now centered on the production of communications and allied electronic equipment for the prosecution of the war. The company has become the nation's largest supplier of communications and electronic equipment to the Armed Forces.

## War Production

Up to a recent month, for example, Western Electric had produced more than 5,000,000 military telephones and 300,000 sound powered telephones for war. It has been particularly active in the production of carrier telephone apparatus, a first cousin of radio. This includes some 55,000 miles of so-called Spiral-4 cable and associated carrier terminal equipment. In addition the company has delivered \$19,000,000 of "C" carrier systems whose terminal and intermediate equipment are housed in trunks with removable front and back covers especially for war purposes. The type "C" carrier sends three telephone conversations simultaneously over one circuit.

## Additional Figures

Other war production figures of interest include 2,652,000 miles of wire in exchange cable of various sizes, 848,000 miles of wire in toll cable, 583,827 airplane radio receivers, 414,836 airplane radio transmitters, 33,101 combination airplane radio receivers and transmitters, 1,247,422 headsets for aviators and tank crews, 1,365,244 microphones, huge quantities of Radar, gun directors, control apparatus, switchboards and teletype-writers, including many adapted for radio. But for sheer numerical magnitude, perhaps no production record of the company compares with that of its quartz crystal output. As of the first of the year Western Electric's five crystal shops had completed and shipped some 12,000,000 crystals!

The above figures provide but a partial index to Western Electric's war business

as nearly half of it is now the manufacture of restricted equipments.

## Peacetime Job Ahead

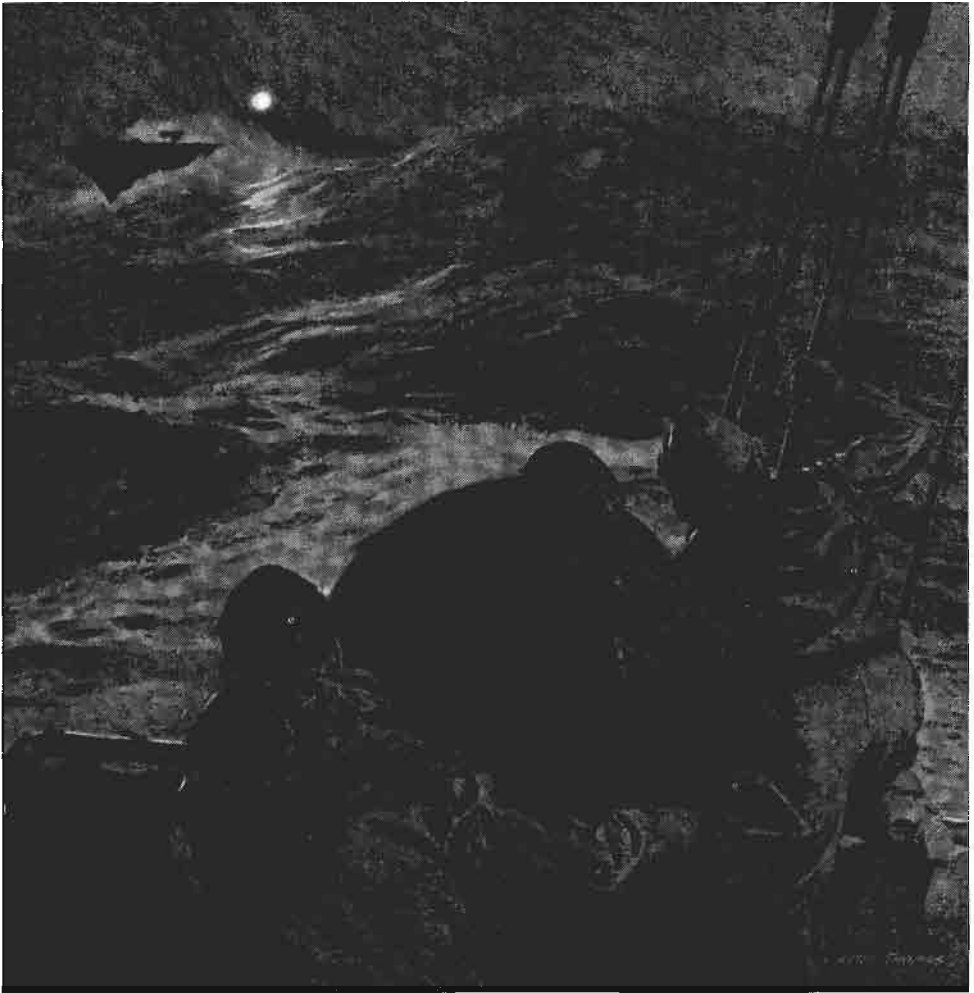
Although its production at present is concerned solely with winning the war, Western Electric has not forgotten the peacetime job which lies ahead. F. R. Lack, vice-president in charge of the company's Radio Division, announced last year Western Electric's intention to participate actively in postwar television. On that occasion he called attention to the company's huge production of both frequency and amplitude modulated radio equipment for the military. He said that the company intended to manufacture television broadcasting equipment after the war and to initiate an active program of television development as soon as war conditions permit. Distribution of this equipment, he said, will be undertaken by the Graybar Electric Co.

Other indications of the company's continuing interest in the broadcasting and allied industries is given by the resumption during the year of the Western Electric publication, "Pick-Ups," now called "Western Electric Oscillator." Its initial issue, late in the year, carried significant articles on FM, the military applications of broadcasting techniques and a particularly revealing feature entitled "A. T. & T. Plans for Television."

Perhaps Western Electric's present policy is best summed up by a statement made last year by Mr. Lack before the annual meeting of the FMBI:

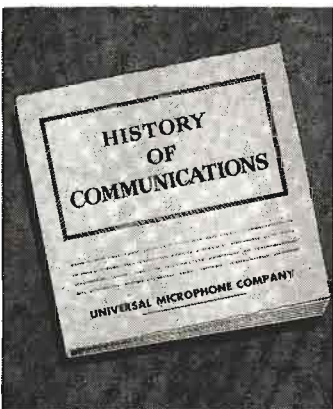
## Policy Outlined

"I am happy to say that we have nothing new to show you and nothing new to talk about. I am happy because I do not have to tell a soldier named Joe, who needed a radio very badly last month, that we could not deliver it because we diverted some engineers and some shop people to building the model of a new super-doooper FM equipment to show you and thus strengthen our postwar position. I am sorry that I can't tell you when we will be able to talk. But then, no one can tell me when the war will be over."



*History of Communications. Number Twelve of a Series*

## COMMUNICATION BY THE BLINKER



The Blinker, an adaptation of the Heliograph with its own source of light, has been found invaluable for night and day Naval Communications. While limited by "line-of-sight" transmission and the elements of weather, it has been an aid to our cautious convoys during "radio silence."

When Victory is ours and the days of "radio silences" are gone forever, private citizens again will have electronic voice communication equipment for their yachts and other pleasure craft. With the release of civilian radio bands Universal will again offer the many electronic voice components for use in marine craft.

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# INSTANTANEOUS RECORDINGS

*By Ralph C. Powell*  
*Sales Manager, Presto Recording Corp.*

THE commercial development of instantaneous recording started with the introduction of the coated disc in 1934 by the Presto Recording Corporation. Prior to that time recordings had been made on celluloid and sheet aluminum by an embossing process and such recordings were suitable for reference and filing, but not of sufficiently good quality to be used for reproduction of programs on the air.

It was not until the Spring of 1936 that the coated disc and the recording equipment with which it was used were developed to a point where instantaneous recordings could actually be broadcast with a quality comparable to live studio programs.

## Accepted as Adjunct

The acceptance of instantaneous recording as an adjunct to radio station operation is in a large part due to outstanding news events which were recorded for broadcasting. Among the earliest was the broadcast of conversations between Professor Jean Piccard during his stratosphere balloon flight which took place in Detroit on October 23, 1934.

Charlie Atwater, along with other NBC engineers, set up recording equipment at the scene of the balloon ascension to record the transmissions from a small radio transmitter in the balloon. The ascension took place at 6:30 a.m. and recordings were made until the time of the maximum ascent of the balloon, which was over 50,000 feet above the earth's surface. The recordings were later broadcast by a number of stations.

Another dramatic event which was brought to the radio audience through the medium of recording was the Hindenburg disaster which occurred on May 6, 1937, at Lakehurst, N. J. Herbert Morrison, announcer, and Charley Nehlson, engineer, of WLS, Chicago, had conceived the idea of bringing recording equipment to the hangar at Lakehurst to record interviews with celebrities who were among the passengers of the first commercial trans-Atlantic flight of a lighter-than-air ship.

The Hindenburg, after being delayed for twelve hours by adverse winds, finally arrived at Lakehurst at 7:23 p.m. on the evening of May 6th, and had just

come into position for over the field with the crew lowering the mooring lines when there was a sudden burst of flame from the stern of the ship, followed by violent explosion.

Herbert Morrison gave one of the most dramatic accounts of the tragedy ever heard in the history of broadcasting and Nehlson managed to keep the recording equipment in operation in spite of the numerous explosions which often caused the cutter to jump off the disc.

The recordings were flown to the National Broadcasting Co. in New York for transmission over the wire lines to WLS. Officials of NBC were so impressed by the account that a rule of ten years' standing was set aside and the recordings broadcast through all of the stations of the NBC network.

## Presidential Speeches

One of the first instances of recording a presidential speech occurred when President Roosevelt made an address at Roanoke Island commemorating the 350th anniversary of the birth of Virginia Dare. At the presidential request the speech was recorded by WBT for the archives. Today all presidential speeches are recorded for re-broadcast to the larger radio audiences during the evening.

Other historic recordings followed, among them the Abdication Speech of King Edward VIII, recorded from the broadcast of the British Broadcasting System and rebroadcast here over the networks. During the war the Canadian Broadcasting Corporation Overseas News Service has been recording interviews with Canadian servicemen on the many battle fronts and transmitting the disc recorded material by shortwave to the CBC network stations in Canada.

During the past six years over 500 U. S. broadcasting stations have become engaged regularly in the production of instantaneous recordings since it provides the only means for unscrambling the present crowded program schedules. Radio stations having recording facilities have made investments running from \$600.00 to several thousands dollars, depending upon the program activity and the frequency with which the programs are required.



*Our Meat....*

*choice cuts*

*no beefs*

**P I C T O R I A L**

PHOTO ENGRAVING COMPANY, INC.  
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The revenue from delayed broadcasts pays for itself many times each year. Technical developments in recording equipment have made it possible for stations to produce recordings which cannot be distinguished from live studio programs, except for the transcription announcement required by FCC regulations.

Since 1936 the Federal Communications Commission has used recording equipment at their various monitoring stations for the study of fading and interference conditions among AM broadcasting stations. Recently the FCC recorded the signals of an FM station, presumed to have a range of 50 to 60 miles at a point over 1000 miles away, proving the existence of sky wave transmission in the 40 to 50 megacycle channels. These recordings formed a basis for the FCC proposal that FM stations be shifted to the higher frequencies.

Date lines of any newspaper during wartime have shown leading press associations, as well as the FCC, daily recording broadcasts of enemy propaganda originating in Tokyo and Berlin and occupied countries.

#### Development in Equipment

Developments in recording equipment have been along numerous lines depending upon the user's requirements. In 1937 Presto placed on the market an inexpensive portable home recorder which revived an interest that had been dormant since the days of the RCA pre-grooved discs introduced in the late twenties. By 1940 at least 50 prominent radio set manufacturers were offering combination radios which included in addition to the radio receiver an automatic record changer and a recording mechanism that permitted making records either from a microphone or "off the air." Inexpensive discs were developed for home use and recording became a hobby with hundreds of thousands of set owners. An unusual commentary on public interest was the well known comic strip, "Pa's Son-in-Law," which appeared in the N. Y. Herald Tribune and other papers on June 6, 1937.

This interest has appeared in another form during wartime. When military preparations first started, the United Service Organizations installed sound recorders in their various clubhouses located near army training camps to enable servicemen to send recorded messages to their families and friends. The Pepsicola Company has extended the same service to outposts on the foreign battle fronts.

Recording studios in operation in all of the larger cities are now providing a service for those who wish to send recorded replies back to the men and women in service. Many radio stations were at one time making recordings at army training camps for local interest programs.

The commercial airlines have found it a necessity to record all plane to ground conversations from airliners to principal airports so that they may review reports of unexpected weather or operating conditions or events leading up to an accident.

#### Wire Recordings

Magnetic wire and tape recording are receiving considerable attention at the present time. The advantages of magnetic recording are several. In the first place there is no material cost of operation. Recordings may be made on the magnetic material and played back for transcribing. The wire is then rewound and, as it is recorded a second time, the previous sound is "erased" from the wire just before the application of the new recording. Such recorders are available either for recording a short message lasting a minute or two on an endless steel tape or fifteen or twenty minutes continuously on a wire passing between two reels similar to motion picture film. Magnetic recorders are not seriously affected by shock or vibration and have, therefore, found uses on the battle fronts where recordings are made under actual battle conditions. The tonal range of present commercial magnetic recorders is suitable for reproduction of intelligible speech only, variations in the wire speed during recording and reproduction making it unsatisfactory for musical reproduction. These faults will undoubtedly be eliminated in postwar magnetic recorders, but there is a further disadvantage that it is difficult to find any particular portion of the sound recording without playing back other parts leading up to it and while the tape may be speeded up for rewinding to reduce the time required to return to the start of the recording, there is a definite limit to the safe speed at which a wire four thousands of an inch in diameter can be rewound.

Post-war developments already announced include magnetic recording facilities in home radio sets. A magnetic juke-box to be installed in the dashboard of automobiles and high quality disc recorders capable of recording 15 minute continuous programs from the home radio.

# Radio Manufacturers Association

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# Chief Engineers

*Of Stations in United States and Canada  
As of January 1, 1945*

**U**NDoubtedly, radio's real man behind the gun is the chief engineer of the station. Charged with keeping the outlet on the air come hurricane, power failure or overworked equipment, in fact what-have-you, the engineer proceeds to make the best of what he has and does a highly commendable job of it. Manpower drainage has hit him hard, but the station must broadcast as per schedule, and nowhere in the world does the technical side of broadcasting operate so efficiently as in the United States. Apart from this responsibility, the engineer keeps abreast of the times as to FM and television.

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 President.....S. I. Cole  
 Sales Manager.....Charles Golenpaul

**PRODUCTS:** Capacitors, paper, electrolytic and mica, for transmitting, receiving and electronic applications, including paper, oil and wax-impregnated, moulded-mica, bake-lite-cased and ceramic-cased-mica capacitors; carbon and wire-wound resistors; electrolytics for filter circuits, motor-starting and industrial applications.

**Airadio, Inc.**

Melrose Avenue & Barry Place,  
 Stamford, Conn.

President.....Joseph B. Cobrain  
 Vice-President.....Hubert L. Shortt  
 Vice-President.....Leo Jacobson  
 Vice-President.....John T. Filgate  
 Commercial Mgr.....Walter Gustavson  
 Chief Engineer.....Donald Basim  
 Credit Manager.....V. R. Kilbooy  
 Purchasing Agent.....Morris Bloom  
 Production Manager.....J. R. Logan  
 Export Manager.....Walter Gustavson  
 Service Manager.....H. Gregory Shea  
**PRODUCTS:** Radio and electronic equipment and accessories.

**Airdesign & Fabrication, Inc.**

241 Fairfield Avenue, Upper Darby, Pa.  
 Phone: Allegheny 5050

President & Chief Engineer..L. E. Pamphilon  
 Plant Superintendent.....W. R. Keenly  
 Vice-President & Treasurer....W. C. Faust  
 Chief Engineer.....D. W. Jensen  
 Sales Manager.....R. L. Clark  
 Purchasing Agent.....L. R. Dieterich

**PRODUCTS:** Transformers—power, audio, reactors, tuned filters, for all communications equipment.

**Allen-Bradley Co.**

136 W. Greenfield Ave., Milwaukee, Wis.  
 Phone: MITchell 5151

President.....Harry L. Bradley  
 Vice-President & General Manager  
   F. F. Loock

**PRODUCTS:** Fixed and variable composition resistors.

**The Alliance Manufacturing Co.**

Mahoning Rd., Alliance, O.  
 Phone: 6237

President.....Owen L. Lewis  
 General Manager.....R. F. Doyle  
 Treasurer.....R. F. Doyle  
 Secretary.....Mrs. Lorraine Reynolds  
 Chief Engineer.....Emmor V. Schneider  
 Purchasing Agent.....R. W. Hobbs  
 Sales Manager.....John Bentia  
 Personnel Director.....A. V. Boerner

**PRODUCTS:** Phonograph motors, record changer motors, recording motors, 1/2 h.p. and 1/100 h.p. D.C. motors.

### **American Condenser Co.**

4410 Ravenswood Ave., Chicago 40, Ill.

Phone: Longbeach 1386

General Manager.....I. Menschik  
Chief Engineer.....H. C. Kreinick  
Purchasing Agent.....F. C. Friedly  
Office Manager.....Miss Lee Kumin

PRODUCTS: Transmitting condensers, electrolytic condensers, ignition condensers, by-pass condensers, telephone condensers.

### **American Microphone Co.**

1915 S. Western Ave., Los Angeles, Calif.

Phone PA 1161

General Manager.....F. A. Yarbrough

PRODUCTS: Microphones.

### **American Microphone & Telephone Co.**

1220 Glendon Ave., Los Angeles, Calif.

President.....C. W. Evans  
Supt., Intercommunicating Equipment

M. E. Harris

Foreman, Microphone Dept. ....O. B. Carrier

PRODUCTS: Microphones, intercommunicating telephones, talk-back equipment, amplifiers.

### **Amertype Recordgraph Corporation**

350 Madison Ave., New York 17, N. Y.

Phone: Vanderbilt 6-3236

PRODUCTS: Sound Recording Instruments for Radio Stations, 2-Way Telephone Conversations Where Authorized, Radio Interception and Monitoring.

### **Amperex Electronic Corp.**

79 Washington St., Brooklyn, N. Y.

Phone Cumberland 6-4430

Vice-Pres.-Sales Manager.....S. Norris

PRODUCTS: Transmitting Tubes for communication.

### **Amplifier Co. of America**

398 Broadway, New York 13, N. Y.

CAnal 6-7612

General Manager.....N. M. Haynes  
Chief Engineer.....A. C. Shaney  
Sales Manager.....H. S. Manney

PRODUCTS: Electronic equipment, Regulated Power Supplies, Amplifiers, Transformers, Filter Networks.

### **Amy, Aceves & King, Inc.**

11 West 42nd St., New York 18, N. Y.

Phone Longacre 5-6622

President.....Ernest V. Amy  
General Manager.....Frank King

PRODUCTS: Antenna Systems, Radio Transmitters and Receivers.

### **Andrea Radio Corp.**

43-20 34th Street, Long Island City, N. Y.

Phone: Stillwell 4-4754

President.....F. A. D. Andrea

PRODUCTS: Receiving sets, television sets.

### **Audak Company**

500 Fifth Ave., New York, N. Y.

Phone LA 4-3723

Contact.....Geo. V. Sullivan

BRANCH OFFICES: All key cities.  
PRODUCTS: Microdyne Pickups, Cutting Heads, and Acoustic Instruments.

### **Audio Devices, Inc.**

444 Madison Ave., New York 22, N. Y.

Phone: PLaza 3-0973

President.....Wm. C. Speed

Vice-President.....Bryce Haynes

Treasurer.....N. K. Hoskins

Research Engineer.....E. J. Franck

PRODUCTS: Instantaneous acetate recording blanks, all types of cutting and playback styli, audiodisc chipchaser, audio devices, sound effects kit and audiodisc recording blanks.

### **The Audio-Tone Oscillator Company**

237 John Street, Bridgeport 3, Connecticut

Phone: Bridgeport 5-3173 and 5-3174

President.....W. Robert Dresser

Chief Engineer.....W. Robert Dresser

Production Mgr.....George Nichols, Jr.

Sales Manager.....Romeo Tetrault

PRODUCTS: Audio-tone graphic recording instruments, audio-frequency test records, power line fault locators.

### **Automatic Radio Mfg. Co.**

122 Brookline Ave., Boston, Mass.

Phone: COMMONwealth 1420

President.....David Housman

Sales Manager.....F. P. Altshul

PRODUCTS: Receiving sets.

### **Automatic Winding Co., Inc.**

Harrison, New Jersey

President & Gen. Mgr.....Martin H. Benedek

Vice-Pres., Charge of Sales....Bert E. Smith

Chief Engineer.....Joseph R. Mazzola

Credit Manager.....M. E. Silver

Purchasing Agent.....J. A. Heimbruch

BRANCH OFFICE: (Factory) 900 Passaic Ave., East Newark, N. J., Phone, Harrison 6-6630.

PRODUCTS: RF and IF coils, mica and air trimmer condensers, audio and power transformers, and filters.

### **Bank's Manufacturing Co.**

1105 Lawrence Ave., Chicago, Ill.

Phone: LONG Beach 6272

Owner.....Maurice Bank

Sales Manager.....M. Hoaglund

PRODUCTS: Public address systems, amplifiers, low capacity relays and special parts.



**The Bead Chain Manufacturing Co.**

110 Mountain Grove St., Bridgeport 5, Conn.  
Phone BRidgeport 4.4124

President.....W. G. Bryant  
Sales Manager.....W. G. Blatz  
Assistant Treasurer.....M. H. Doolittle  
Production Mgr.....L. F. Hall  
Development Eng.....G. F. Bahr  
PRODUCTS: Radio contact prongs, bead chain and attachments, multi-swage radio and electronic parts.

**John F. Beasley Construction Co.**

P. O. Box 1624, Muskogee, Okla.  
Phone Muskogee 4762

Owner.....John F. Beasley  
BRANCH OFFICE: 1614 Mercantile Bank Bldg., Dallas, Texas, Phone, Riverside 3228.  
PRODUCTS: Steel construction (radio towers).

**Bendix Radio (Division of Bendix Aviation Corp.)**

East Joppa Rd., Towson, Md. (Gen. Offices)  
Phone: Tuxedo 4020

Gen'l Mgr.....W. P. Hilliard  
Div. Comptroller.....F. S. Gutekunst  
Purchasing Agent.....F. A. Zartler  
Chief Engineer.....W. L. Webb  
Sales Manager.....J. W. Hammoud  
Advertising Mgr.....George Myrick  
Factory Manager.....E. K. Foster  
Manager of Materials & Procurement

R. A. Anderson  
BRANCH OFFICES: 920 East Fort Ave., Balto, Md., Phone, So. 1821, Plant Manager, E. W. Ryan; 148 Morford Place, Red Bank, N. J., Phone, Red Bank 3737, Plant Manager, H. A. Poole.

PRODUCTS: Aviation radio receivers, transmitters, radio compasses, electronic measuring equipment and accessories.

**The Benwood Linze Co.**

1811-19 Locust St., St. Louis 3, Mo.  
Phone: Central 5830

President.....Harold J. Wrape  
Vice-Pres.-Gen. Mgr.....Carl E. Peters  
Sales & Priorities Mgr.....Norbert C. Beerend  
Secy. & Treas.....I. W. Veigel  
Personnel Manager.....Grant F. Cooper  
Service Manager.....Garry S. McGlasson  
Purchasing Agent.....Alonzo R. Fieffer, Jr.

PRODUCTS: Dry metallic rectifiers; rectifier transformer assemblies for radio; communication, signal, telegraph and telephone work; also other electronic devices, AC to DC.

**Blaw-Knox Co.**

Pittsburgh, Pa.  
Phone St. 2700

BRANCH OFFICES: Peoples Gas Bldg., Chicago; Brown-Marx Bldg., Birmingham, Ala.; 342 Madison Ave., N. Y. C.; 1617 Pennsylvania Blvd., Phila.; Munsey Bldg., Wash., D. C. PRODUCTS: Radio Towers.

**Bliley Elec. Co.**

P. O. Box 1070, Erie, Pa.  
Phone 26-857

President.....F. D. Bliley  
General Manager.....C. C. Collman  
Sales Manager.....G. E. Wright  
Comptroller.....Q. L. Horsman  
Advertising Manager.....G. E. Wright  
Chief Engineer.....J. M. Wolfskill  
Production Manager.....W. R. Mong

PRODUCTS: Quartz Piezo-Electric Crystals and Mountings. Quartz Crystals for Transmitter and Receiver Frequency Control, for Filters, Ultrasonics, Piezo-Electric Pressure Gauges and for special optical or electrical applications.

**Boonton Radio Corp.**

518 Main St., Boonton, N. J.  
Phone Boonton 8-0795

President.....W. D. Loughlin  
Sec'y-Treasurer.....N. D. Campbell  
Vice-President.....G. A. Downs  
Purchasing Agent.....J. Frucht  
Sales Supervisor.....L. Washington  
Production Manager.....H. B. Steinhauser  
Personnel Mgr.....K. E. Kostenbader

PRODUCTS: Type 110-A QX-Checker, type 140-A Beat Frequency Generator, type 150-A FM Signal Generator, type 160-A Q-Meter, type 170-A Q-Meter, type 210-A Supersonic Oscillator, type 120-A VHF Circuit Checker.

**William Brand & Co.**

276 Fourth Ave., New York 10, N. Y.  
Phone: ALgonquin 4-4930

Partners: William Brand, William Naumburg  
BRANCH OFFICE: 325 W. Huron St., Chicago, Ill., Phone, Superior 1782, Manager, Earl W. Brinson.

PRODUCTS: Electrical insulating materials; flexible varnished oil tubing; saturated sleeving; extruded (plastic) sleeving; varnished glass sleeving; mica plate; mica-plate segments and products; block mica; mica condenser films; varnished cambric; varnished paper; varnished tapes; insulation composites.

### The Brush Development Co.

3405 Perkins Ave., Cleveland 14, Ohio  
Phone: Endicott 3315

Chairman of Board.....W. R. Burwell  
President.....A. L. Williams  
Vice-President.....V. B. Phillips  
PRODUCTS: Microphones, headphones,  
phonograph pickups, record cutters, magnetic  
recording equipment, hearing aids and in-  
dustrial instruments.

### Bruno-New York, Inc.

(Engineering Prod. Div.)  
351 Fourth Ave., New York 10, N. Y.  
Phone: LEXington 2-9198

President.....Charles Soufield  
Vice-President.....Irving Sarnoff  
Secy. & Treas.....Jerome Harris  
Manager of Division.....Irving Strauss  
DISTRIBUTING OFFICE: 460 West 34th  
Street, New York 1, N. Y.

PRODUCTS: Communication and enter-  
tainment receivers, electronic test instru-  
ments, special audio amplifiers, telegraph  
amplifiers, control equipment (electronic),  
voltage regulated power supplies.

### William W. L. Burnett Radio Lab.

4814 Idaho St., San Diego 4, Calif.  
Phone Talbot 4943

Chief Eng.-Owner....William W. L. Burnett  
PRODUCTS: Piezo-Electric Crystals, Hold-  
ers, Constant Temperature Ovens, Frequency  
Measuring Equipment, Laboratory Equip-  
ment, Conducting of Radio Laboratory Mea-  
surements, Frequency Monitoring Service.  
Post war plans are to make field measure-  
ments, and to do consulting work in the  
broadcast field.

### C. F. Cannon Co.

Main St., Springwater, N. Y.  
Sales Contact.....C. F. Cannon  
PRODUCTS: Headsets.

### Chicago Molded Products Corp.

1020 N. Kolmer Ave., Chicago 51, Ill.  
Phone: CAPitol 1020

President.....Edward F. Bachner  
Vice-President & Treas.....M. F. Bachner  
Vice-Pres., in Charge of Sales

John J. Bachner  
PRODUCTS: Plastics, cabinets and other  
plastics parts molded to special order.

### Chicago Telephone Supply Co.

1142-1228 W. Beardsley Ave., Elkhart, Ind.  
President.....F. C. Best  
Sales Manager.....W. A. Nicely

PRODUCTS: Volume controls, tone con-  
trols, switches, plugs, jacks, headsets, ringers,  
generators, remote controls, switch keys, push  
switches.

### Cinch Manufacturing Corp.

2335 W. Van Buren St., Chicago 12, Ill.  
Phone: Chesapeake 2000

President.....Lester W. Tarr  
Vice-Pres. & Genl. Mgr.....Cary C. Wilson  
Vice-Pres. & Asst. Treas.....J. J. Steffen  
Treasurer.....A. W. Kimbell  
Asst. Secy.....John R. Nicholson  
Sales Manager.....E. J. Pool

BRANCH OFFICES: 15 East 26th Street,  
New York, N. Y., Phone, Caledonia 5-3932,  
Executive-in-Charge, G. S. Maynard, Jr.; 3701  
N. Broad Street, Philadelphia 40, Pa., Phone,  
Radcliffe 4775, Executive-in-Charge, W. C.  
MacFadden.

PRODUCTS: Radio terminal strips,  
molded and laminated miniature octal and  
loktal sockets, miscellaneous laminated bake-  
lite and metal assemblies, miscellaneous  
molded plastic and metal assemblies.

### Clarostat Mfg. Co., Inc.

285 N. 6th St., Brooklyn, N. Y.  
Phone EV 8-6770

President.....John J. Mucher  
General Manager.....Victor Mucher  
Treasurer.....Jacob Mucher  
Secretary.....Stephen Mucher  
Chief Engineer.....George Mucher  
Sales Engineer.....I. J. Youngblood

BRANCH OFFICES: 540 No. Mich. Ave.,  
Chicago. PRODUCTS: Fixed and Variable  
Power Resistors, Power Rheostats, Power  
Resistor Decade Boxes, Wire Wound Po-  
tentiometers, "T" "L" Cism Pads, 25 and 10  
Watt Attenuators, Special Resistor Products,  
and Composition Potentiometers.

### Colonial Radio Corp.

254 Rano St., Buffalo, N. Y.  
Phone: RIVERSide 2450

President.....A. H. Gardner  
Vice-Pres. in Charge of Eng....H. C. Forbes  
Manager Comm. Dept....T. P. Cunningham

BRANCH OFFICES: 254 Rano Street, Sec-  
retary and Treasurer, H. E. Riordan; 254  
Rano Street, Director of Purchases, B. F.  
Valliere; 254 Rano Street, Works Manager,  
J. C. Ryan.

PRODUCTS: Home radios, automobile  
radios, military and naval communications  
equipment.

### Communication Equipment & Engineering Co.

504 N. Parkside Ave., Chicago, Ill.  
Phone: ESTEbrook 3110

President.....Robert A. Clark  
PRODUCTS: Transmitters, receivers, am-  
plifiers and test equipment.

### C. G. Conn, Ltd.

1101 East Beardsley Ave.,  
Elkhart, Indiana

President.....C. D. Greenleaf  
 Vice-President.....A. L. Smith  
 Sales Manager.....R. C. Poyser  
 Chief Engineer.....L. B. Greenleaf  
 Credit Manager.....Leo East  
 Purchasing Agent.....C. W. Silvers  
 Export Manager.....Richard Bressler  
**PRODUCTS:** Conn chromatic stroboscope,  
 special apparatus, sound recording equip-  
 ment.

**Continental Carbon, Inc.**

13900 Lorain Ave., Cleveland, Ohio  
 Phone: CLeArwater 3962

Vice-President & Sales Manager  
 W. M. Kohring  
**PRODUCTS:** Carbon and wire-wound res-  
 istors, suppressors, precision resistors for  
 meters, paper dielectric condensers, filter-  
 noys.

**Continental Electric Co.**

Geneva Illinois

Phone: Del. 6579 & Geneva 4140

President & Treasurer.....H. A. McIlvane  
 Secretary.....O. T. McIlvane  
 Vice-President.....W. S. Sims  
 Vice-Pres. in Charge of Publicity & Sales  
 R. E. Smiley  
 Vice-Pres. in Charge of Engineering  
 J. H. Hutchings  
 Sales Manager.....E. D. Magnus  
**BRANCH OFFICE:** 903 Mdse. Mart, Chi-  
 cago, Ill., Phone, Del. 6579, Vice-President  
 in charge of Publicity and Sales, R. E.  
 Smiley.

**PRODUCTS:** Electronic tubes, phototubes  
 for sound projection, rectifier tubes for  
 sound, equipment rectifiers, thyratrons for  
 light control.

**Cornell-Dubilier Electric Corp.**

333 Hamilton Blvd., S. Plainfield, N. J.  
 Phone: PLainfield 6-9000

President.....Octave Blake  
 Vice-President.....William Dubilier  
 Vice-Pres., Treas.....Haim Beyer  
 Vice-President.....Wm. M. Bailey  
 Vice-President.....Paul McK. Deeley  
 Vice-President.....Felix Weiss  
 Vice-President.....T. E. Abeel  
 Secretary.....Kenneth E. Ryan  
 Asst. Treasurer.....L. F. Geiser  
 Asst. Secretary.....M. F. Keating  
 Comptroller.....J. A. Bertolacci  
**BRANCH OFFICES:** 1605 Rodney French  
 Blvd., New Bedford, Mass., Phone, N. B.  
 6-8561, Executive Vice-President, Haim  
 Beyer; 861 Broad Street, Providence, R. I.,  
 Phone, Williams 2731, Vice-President, T. E.  
 Abeel; 8 Grafton Street, Worcester, Mass.,  
 Phone, Worcester 6-6203, Executive-in-Charge,  
 Max Bleich.

**PRODUCT:** Capacitors.

**Corning Glass Works**

Corning, New York  
 Phone: Corning 372

President.....Glen W. Cole  
 Vice-President.....W. C. Decker  
 Sales Manager.....C. J. Phillips  
 Contact.....G. C. Jones  
**PRODUCTS:** Glass envelopes for tubes  
 used for radio receiving, broadcasting, ca-  
 thode ray, television and all other electronic  
 purposes, tubing and special sealing glasses,  
 insulators, coil forms, resistor tubes.

**Cornish Wire Co., Inc.**

15 Park Row, New York, N. Y.  
 Phone CO 7-2525

President.....John Cook  
 Contact.....W. F. Osler, Jr.  
**PRODUCTS:** Radio and Electrical Wires  
 and Cables.

**Crescent Industries, Inc. &  
 Crescent Tool & Die Co.**

4132-54 W. Belmont Ave., Chicago 41, Ill.  
 Phone: Mulberry 1200

President & Treas.....Henry H. Gefvert  
 Vice-Pres. & Genl. Mgr.....Nels G. Lenberg  
 Secretary.....Leonard C. Larsen  
 Vice-Pres. & Chief Eng.....Valoran Russell  
 Production Manager.....John T. Steupak  
 Administrative Officer.....Henry Anderson  
 Supt. of Loudspeakers.....William L. Rollins  
 Supt. of Radar Units.....Edwin G. Koriath  
 Purchasing Agent.....Eugene L. Youngreen  
**PRODUCTS:** Manufacturers of radio loud-  
 speakers, record changers, tools, dies, jigs,  
 fixtures and metal stampings.

**The Crosley Corp.**

1329 Arlington St., Cincinnati, Ohio  
 Phone: KIrby 6600

President.....Powel Crosley, Jr.  
 Vice-President & General Manager,  
 Manufacturing Div.....R. C. Cosgrove  
 Exec. Vice-Pres.....L. M. Crosley  
 Vice-Pres., Treas. & Asst. Genl. Mgr. (Mfg.)  
 George E. Smith  
 Vice-Pres. in Charge of Research & Engr.  
 L. M. Clement  
 Genl. Sales Mgr. (Mfg. Div.)  
 James H. Rasmussen  
 Dir. of Public Relations.....S. D. Mahan  
 Mgr. of Distribution.....E. C. Brode  
 Dir. of Product Mgr.....Clarence Felix  
 Dir. of Exports.....J. W. DeLind, Jr.  
 Dir. of Purchases.....J. E. Lautsbaugh  
 Asst. Secy. & Asst. Treas.....E. J. Ellig  
 Legal Counsel.....A. D. Redfield  
 Dir. of Industrial Rel. & Standards  
 G. F. Gamber  
 Controller.....L. W. Adkins  
 Dir. of Administration.....L. J. Karmen  
 Dir. of Planning.....J. H. Cohen

Dir. of Quality.....H. W. Deuker  
 Dir. of Facilities.....F. W. Scholder  
 BRANCH OFFICE: Crosley Distributing  
 Corp., Phone, Medallion 3-1830, Branch Man-  
 ager, Lee Conover.

PRODUCTS: Production devoted now en-  
 tirely to war products. Peace-time produc-  
 tion includes Crosley radio.

**Crowe Name Plate & Mfg. Co.**

3701 Ravenswood Ave., Chicago, Ill.  
 Phone: BITtersweet 7500

President.....E. C. Coolidge  
 Sales Manager.....Marvin M. Lane

PRODUCTS: Escutcheons, dials, cabinets,  
 tuning devices, knobs, pointers, name-plates.

**Crystal Research Laboratories, Inc.**

29 Allyn Street, Hartford, Conn.  
 Phone: 7-3215

President.....S. I. Ward  
 Vice-President.....H. F. Jochim  
 Chief Engineer.....R. K. Blackburn  
 Production Mgr.....E. B. Lewis

PRODUCTS: All types of quartz crystals  
 for communication and industrial uses; man-  
 ufacturers of electronic test equipment.

**Doolittle Radio, Inc.**

7421 S. Loomis St., Chicago 36, Ill.

President.....E. M. Doolittle  
 Vice-President.....Dudley Gray  
 Sales Manager.....H. V. Carlson

BRANCH OFFICES: Manufacturers rep-  
 resentatives throughout the United States.

PRODUCTS: Police, airline, emergency  
 communications equipment AM or FM. Mon-  
 itoring instruments for measuring frequency  
 modulation and distortion AM or FM. All  
 sizes coaxial transmission line and fittings.

**Allen B. DuMont Labs., Inc.**

2 Main Ave., Passaic, N. J.  
 Phone Passaic 3-1616

President.....Allen B. Du Mont  
 Vice-President.....Leonard F. Cramer  
 Secretary.....Bernard Goodwin  
 Treasurer.....Paul Raibourn

BRANCH OFFICE: 515 Madison Ave., New  
 York, N. Y., Phone, ELdorado 5-4822, Man-  
 ager, Samuel H. Cuff.

PRODUCTS: Television Receivers, Trans-  
 mitters and Studio Equipment, Cathode-Ray  
 Tubes and Oscillographs and Material Test  
 Instruments (Cyclograph).

**Dumont Electric Co.**

34 Hubert St., New York, N. Y.  
 Phone: CANal 6-7980

President & Sales Manager...Philip Dubilier  
 Vice-President.....J. Dubilier

PRODUCTS: Paper, electrolytic and mica  
 condensers.

**DX Crystal Co.**

1200 N. Claremont Ave., Chicago 22, Ill.  
 Phone: Armitage 3740

Co-owner.....Louis J. Patla  
 Co-owner.....Maurice P. McLean

Charge of Crystal Division....Frank Cooke  
 Charge of Coil, Transf. & Speaker Div.

V. A. Wirth  
 Charge of Screw Machine Division

Frank Zoltan  
 PRODUCTS: Quartz xtals, toroid coils,  
 coil transformers, screw machine parts, uni-  
 versal joints and mechanical assemblies.

**Eastern Mike-Stand Co.**

56 Christopher Ave., Brooklyn, N. Y.  
 Phone Dickens 2-3538

Contact.....S. Sherman  
 BRANCH OFFICES: 43 E. Ohio St., Chi-  
 cago, Ill., W. L. Holst, Rep.

PRODUCTS: Microphone Stands and  
 Accessories. (Firm engaged in war manu-  
 facturing for the duration.)

**Hugh H. Eby, Inc.**

18 W. Chelten Ave., Philadelphia, Pa.  
 Phone: TENnessee 1800

18 W. Chelten Ave., Philadelphia 44, Pa.  
 Vice-President.....F. Holmstrom  
 Secy. & Treas.....J. Hawley  
 Chief Engineer.....L. Wanner  
 Purchasing Agent.....J. Gould

PRODUCTS: Binding posts, sockets, plugs,  
 terminal strips, metal stampings, screw ma-  
 chine parts, custom moldings, electrical as-  
 semblies of all types like radio and radar,  
 telephone, headsets and microphones.

**Eckstein Radio and  
 Television Co., Inc.**

1400 Harmon Pl., Minneapolis, Minn.  
 Phone: Atlantic 2541

President.....E. A. Eckstein  
 Secy. & Treas.....E. R. Bostrom  
 Sales Dept.....E. R. Bostrom  
 Purchasing Dept.....E. R. Bostrom

PRODUCTS: Radio receivers, sound  
 equipment and sound amplifiers.

**Eitel-McCullough, Inc.**

San Bruno, Calif.  
 Phone San Bruno 4000

President.....W. W. Eitel  
 Vice-President & Treasurer...J. A. McCullough  
 Production Manager....George Wunderlich

BRANCH OFFICE: Salt Lake City, Utah.  
 Phone Salt Lake City 6-8761. L. N. Pierri,  
 Mgr. PRODUCTS: Transmitting Vacuum  
 Tubes and Condensers, Vacuum Relays and  
 Rectifiers.

**Electrical Research Laboratories, Inc.**

2020 Ridge Ave., Evanston, Ill.  
Phone: University 2400

President.....E. Alschuler  
General Manager.....O. F. Taylor  
Sales Manager.....E. G. May  
PRODUCTS: Receiving sets, radio-phonograph combinations, FM receiving sets, record-players.

**The Electro Motive Mfg. Co.**

South Park & John Sts., Willimantic, Conn.  
Phone Willimantio 207

Executive Partner.....Philip Lauter  
General Manager.....J. A. Flanzer  
Purchasing Agent & Advertising Mgr.  
Samuel N. Rosenstein  
Chief Engineer.....Maury Cohn  
BRANCH OFFICE: 1775 Broadway, New York, N. Y., Phone, Circle 6-0867, Salesman, Norman H. Lawton.

PRODUCTS: Molded mica condensers, silver mica condensers, and mica trimmers and padders.

**Electro-Voice Mfg. Co., Inc.**

1239 S. Bend Ave., So. Bend 24, Ind.  
Phone S. Bend 2-1431

President.....Albert Kalin  
Engineer.....L. R. Burroughs  
Production Manager.....R. E. Siekman  
Branch Office: 1775 Broadway, N. Y. 19, N. Y.  
N. H. Lawton, Rep.

PRODUCTS: Velocity, Dynamic and Carbon Microphones.

**Electronic Corp. of America**

45 W. 18th St., New York 11, N. Y.  
Phone: WAtkins 9-1870

President.....S. J. Novick  
Export Manager.....L. M. Braun  
Asst. Treasurer.....S. R. Berk  
Genl. Manager.....R. Neusch  
Chief Engineer.....F. Lester  
PRODUCTS: Radio and allied electronic products.

**Electronic Laboratories, Inc.**

122 W. New York St., Indianapolis 4, Ind.  
Phone: Lincoln 5421

President.....Norman R. Kevers  
Vice-Pres. & Genl. Mgr.....W. W. Garstang  
Chief Engineer.....R. H. Frye  
Sales Manager.....W. E. Peek  
Treasurer.....T. D. Scheidler  
Secretary.....William Lochhead  
Advertising.....Ed Van Riper  
BRANCH OFFICE: 13 East 40th Street, New York, N. Y., Phone, LExington 8-8555, Export, Arthur Rocke.

PRODUCTS: Vibrators, vibrator power supplies, RR marine and bus fluorescent lighting equipment.

**Electronic Specialty Co.**

3456 Glendale Blvd., Los Angeles 26, Calif.  
Phone: No. 2-2168

Manager.....D. A. Marcus  
Chief Engineer.....S. K. Babcock  
Purchasing Agent.....W. C. Keeler  
Production Supt.....W. J. Cumming  
Asst. Engineer.....E. J. Morefield  
PRODUCTS: Ranger aircraft radio equipment: transmitters, receivers, and interphones.

**Electronic Tube Corp.**

1200 E. Mermaid Ave., Phila. 18, Pa.  
Phone: Chestnut Hill 6800

President-Treasurer.....Seymour Turner  
Vice-Pres. & Secy.....Henry Temin  
Vice-President.....Henry Bemford  
PRODUCTS: Cathode ray tubes, special electronic tubes (all types), electronic equipment (various types).

**Emerson Radio & Phonograph Corp.**

111 Eighth Ave., New York 11, N. Y.  
Phone: CHelsea 2-1800

President.....Benjamin Abrams  
Secy. & Treas.....Max Abrams  
Vice-Pres. in Charge of Sales  
Charles Robbins  
Vice-Pres. Engineering & Production  
Dorman D. Israel  
Manager of Govt. Contracts.....H. J. Dostal  
Controller.....M. E. Ornitz  
Dir. of Purchasing.....J. L. Herold  
PRODUCTS: Radio electronic devices for military use, receiving sets, radio-phonograph combinations, television sets, FM receiving sets, record-players, tubes, parts.

**Epsy Manufacturing Co., Inc.**

305 East 63rd St., New York 21, N. Y.  
Phone REgent 7-3090

President.....Harold Shevers  
General Manager.....Nathan Pinsley  
PRODUCTS: Receiving sets, radio-phonograph combinations, FM receiving sets, record-players, television sets.

**Erco Radio Laboratories Inc.**

Hempstead, Long Island  
Phone: Hempstead 6985-985

PRODUCTS: Receivers, Transmitters, Radio Airport Traffic Control Equipment, Radio Frequency Standards, Radio Communications Equipment, Radio Test Equipment. (\*resonance meters.)

**AFFILIATED COMPANY:** Aero Communications, Inc., Hempstead, Long Island, N. Y., Phone, Hempstead 6985-985.

**PRODUCTS:** Receivers, transmitters, radio airport traffic control equipment, radio frequency standards, radio communications equipment, radio test equipment, and resonance meters.

### **Erie Resistor Corp.**

644 West 12th St., Erie, Pa.

President.....G. Richard Fryling  
Vice-Pres. in Charge of Sales...W. H. Fryling  
Sales Mgr. of Electronic Division

A. K. Shenk  
Sales Mgr. of Plastics Division...J. P. Quinn

**PRODUCTS:** Carbon resistors; ceramic, silver mica, ceramicon trimmer condensers, custom molded plastics.

### **Evanston Sound Proof Door**

1127 Hinman Ave., Evanston, Ill.

Phone University 2758

Manager.....W. W. Lloyd

**PRODUCTS:** Sound Proof Doors.

### **Fada Radio & Electric Co., Inc.**

3020 Thomson Avenue, Long Island City,  
New York

President.....J. M. Marks

Vice-President.....B. Lippin

Chief Engineer.....A. Carr

Credit Mgr.....H. H. Carlisch

Credit Mgr.....D. I. Marks

Purchasing Agent.....I. N. Marks

**PRODUCTS:** Radio receivers and communication equipment.

### **Fairchild Camera and Instrument Corporation**

475 10th Ave., N. Y. 18, N. Y.

Phone Longacre 3-1255

President.....J. S. Ogsbury

Exec. Vice-Pres.....E. Robinson

Vice-President.....C. A. Harrison

Vice-Pres. & Secy.....C. L. Terrill

Vice-President.....J. A. Hewlett

Treasurer.....J. H. Dalton

Dir. Eng. & Research.....R. H. Lasche

Asst. Vice-Pres. & Works Manager

R. A. Draghi

Asst. Vice-President.....R. G. Sanders

Purchasing Agent.....J. E. Kaiser

Dir. of Publicity.....R. H. Bailey

Advertising Manager.....H. K. Yulke

**PRODUCTS:** Sound recording equipment.

### **Farnsworth Television & Radio Corporation**

372 East Pontiac St., Fort Wayne 1, Ind.

Phone Anthony 5301

President.....E. A. Nicholas

Vice-President (Sales).....E. H. Vogel

Vice-President (Engineering)

B. Ray Cummings

Vice-President & Treasurer...J. P. Rogers

Manager, Purchasing Department

E. S. Needler

Sales Manager, Capehart Division

I. C. Hunter

Manager, Advertising and Sales

Promotion.....J. S. Garceau

**PRODUCTS:** Receiving sets, radio-phonograph combinations, FM receiving sets, television receiving sets, television transmitters and tubes, studio equipment.

### **Federal Recorder Co., Inc.**

630 S. Wabash Ave., Chicago, Ill.

Phone Har. 8330

General Manager.....Ralph Rubenstein

Engineer.....Earl Kent

**BRANCH OFFICES:** 251 Fourth Ave.,

New York, N. Y.; 150 Marietta St. N. W.,

Atlanta, Ga.; 569 Mission St., San Francisco,

Calif. **PRODUCTS:** 12 and 16" Recording

Discs, Cutter Heads, Recording Amplifiers,

Home Recorders, Cutting and Playback

Needles, Steel, Glass and Paper Base Recording

Blanks.

### **Federal Telephone and Radio Corp.**

591 Broad St., Newark, N. J.

Manager.....T. M. Douglas

**PRODUCTS:** Broadcasting and point-to-

point equipment; land, marine and air sets;

vacuum tubes and crystals.

### **Felt Products Mfg. Co.**

1504-16 Carroll Ave., Chicago 7, Ill.

Phone: Mon. 6750-56

President.....A. Mecklenburger

Mgr. of Industrial Division...B. J. Schwinn

Field Engineer.....Fred C. Johnson

**PRODUCTS:** Felt washers, paper parts,

paper insulation special shapes, acetate cellulose

special shapes, radio backs, and special

shapes die cutting.

### **Ferranti Electric, Inc.**

30 Rockefeller Plaza, New York, N. Y.

Phone Circle 7-0912

Vice-President.....W. R. Spittal

Secretary.....M. J. Pope

**PRODUCTS:** Audio and power, transformers,

chokes, filters, wiring and assembly,

sheet metal, and bakelite fabrication.

### **Finch Telecommunications, Inc.**

4th and Virginia Sts., Passaic, N. J.

Phone PA 2-3440

President.....Frederic C. Scofield

Vice President.....Frank R. Brick, Jr.

Treasurer.....James L. Bradford

**PRODUCTS:** Special radio equipment for

governmental usage only; facsimile for broad-

casting; radio applications; teletpicture equip-

ment.

**Freed Radio Corp.**

200 Hudson St., New York 13, N. Y.  
Phone: Walker 5-8765

President.....Max Adelberg  
Vice-President.....Arthur Freed  
Treasurer.....Melvin Zalkin

PRODUCTS: Radio-phonograph combinations all with FM.

**Freeland & Olschner Products, Inc.**

611 Baronne St., New Orleans 13, La.  
Phone Raymond 4756

President.....W. T. Freeland  
Vice-President.....C. E. Olschner, Jr.  
Treasurer.....J. H. Dallmann

PRODUCTS: Repair of large transmitting tubes.

**Billings S. Fuess**

2-4 Lackawana Place, South Orange, N. J.  
Proprietor.....Billings S. Fuess

PRODUCTS: Loud speaker cones, spiders, moulded and formed products.

**Galvin Manufacturing Corp.**

4545 Augusta Blvd., Chicago 51, Ill.  
Phone: SPalding 6500

President.....Paul V. Galvin  
Vice-President.....Frank O'Brien

PRODUCTS: Receiving sets, radio phonograph combinations, FM receiving sets, record-players, AM and FM 2-way police radio communication systems.

**Garod Radio Corp.**

70 Washington St., Brooklyn, N. Y.  
Phone: MAin 4-6044

President.....Max W. Weintraub  
Sales Manager.....Louis Silver  
Chief Engineer.....B. S. Trott

PRODUCTS: Receiving sets, radio-phonograph combinations, FM receiving sets, electronic equipment.

**Gates Radio & Supply Co.**

Quincy, Ill.  
Phone 522

General Manager.....P. S. Gates  
Chief Engineer.....Fred Grimwood

PRODUCTS: All types of radio transmitting equipment and allied apparatus.

**General Electric  
Electronics Department**

1 River Rd., Schenectady, N. Y.  
Phone: SCHenectady 4-2211

President of Company.....C. E. Wilson  
Vice-Pres. in Charge of Electronics Dept.  
Dr. W. R. G. Baker

Genl. Sales Mgr.....A. A. Brandt  
Acting Advertising Mgr.....J. G. Porter  
Acting Publicity Mgr.....E. L. Robinson

BRANCH OFFICES: 570 Lexington Avenue, New York, N. Y., District Manager, H. J. Mandernach; 140 Federal Street, Boston, Mass., District Manager, R. L. Hanks; 1405 Locust Street, Philadelphia, Pa., District Manager, T. B. Jacobs; 4966 Woodland Avenue, Cleveland, Ohio, District Manager, R. P. VanZile; 840 South Canal Street, Chicago, Ill., District Manager, G. S. Peterson; 1801 North Larmar Street, Dallas, Texas, District Manager, T. B. Willard; 235 Montgomery Street, San Francisco, Calif., District Manager, W. A. Boland; 187 Spring Street, N. W., Atlanta, Ga., District Manager, R. N. Fowler; 106 West 14th Street, Kansas City, Mo., District Manager, R. J. Meigs.

PRODUCTS: All facilities engaged now in making electronics products for the armed forces. In all branches of the radio field.

**General Electronics Inc.**

1819 Broadway, Room 1410  
New York 23, N. Y.  
Phone: Circle 7-8093

Treasurer.....D. E. Replogle  
Sales Manager.....T. A. Haish

PRODUCTS: Electron power and transmitting tubes.

**The General Industries Co.**

Olive & Taylor Sts., Elyria, Ohio  
Phone: 2235

President.....A. W. Fritzsche  
Treasurer.....C. F. Russert  
Vice-Pres., Factory Mgr.-Plastics Div.

O. W. Marsh  
Vice-Pres., Factory Mgr.-Mech. Div.

W. A. Schmittgen  
Vice-Pres., Sales Mgr. of Mechanical Div.

H. E. Moon  
Vice-Pres., Sales Mgr. of Plastics Div.

M. O. Barshard  
PRODUCTS: Molded plastics — electric spring phonograph motors, record changers; recorders — combination record changer; heater and defroster motors.

**General Instrument Corp.**

829 Newark Ave., Elizabeth 3, N. J.  
Phone: ELizabeth 3-4400

President.....A. Blumengrantz  
Chairman of Board.....S. Cohen  
Exec. Vice-Pres.....R. E. Laux  
Vice-Pres. in Charge of Sales.....Don J. Phelps  
Sales Manager.....G. P. Marron

Chief Engineer.....H. M. Detrick  
Purchasing Agent.....C. B. Townley  
BRANCH OFFICE: 737 N. Michigan Avenue, Chicago, Ill., Phone, Delaware 1048,  
Executive-in-Charge, H. Berman, LeRoy Parr.

PRODUCTS: Variable condensers, record changers, tuning mechanisms.

### General Laminated Products, Inc.

2857 South Halsted Street, Chicago 8, Ill.  
Gen. Manager.....Edward Metzger  
Sales Manager.....Morris Perlman  
Chief Engineer.....Gunnard Swedlund  
Credit Manager.....Vera Ludwig  
Purchasing Agent.....Ernst Neustadter

PRODUCTS: Fabricators of laminated phenolic materials.

### General Magnetic Corp.

2126 E. Fort St., Detroit, Mich.  
Phone: FItzroy 5760

President.....Charles M. Hofman  
Sales Manager.....O. H. Hofman  
PRODUCTS: Magnets.

### General Radio Co.

275 Massachusetts Ave., Cambridge 39, Mass.  
Phone: TRowbridge 4400

Chairman of Board.....H. B. Richmond  
President.....E. H. Locke  
Vice-Pres. for Sales.....A. E. Thiessen  
Vice-Pres. for Production.....C. C. Carey  
Chief Engineer.....M. Eastham  
BRANCH OFFICES: Room 1504, 90 West Street, New York 6, N. Y., Phone, COrtlandt 7-0850, Engineer, M. A. Gilman; 920 South Michigan Avenue, Chicago 5, Ill., Phone, Wabash 3820, Engineer, L. E. Packard; 1000 North Seward Street, Los Angeles 38, Calif., Engineer, F. Ireland.

PRODUCTS: Radio and electronic instruments.

### Goat Metal Stampings, Inc.

314 Dean Street, Brooklyn 17, N. Y.

President.....Walter Goat  
Vice-President.....Jens Mortensen  
Secretary.....Edward F. Staver  
Sales Manager.....Edward M. Haines

PRODUCTS: Tube shields—small intricate drawn, formed and stamped parts, manufactured to very close tolerances from the difficult working metals and alloys.

### Edwin I. Guthman & Co.

15 S. Throop St., Chicago, Ill.  
Phone: CHESApeake 1600

President.....Edwin I. Guthman  
Sales Manager.....B. J. Funk  
PRODUCTS: R.F. and I.F. coils, trimmer condensers, textile-covered wire, zinc coil shields, coil winding machinery, tools and dies, electroplating.

### The Hallicrafters Co.

2611 South Indiana Ave., Chicago, Ill.  
Phone: CALumet 1600

President.....W. J. Halligan  
Vice-President.....R. W. Durst  
Asst. Secretary.....J. J. Frendreis  
Chief Engineer.....R. E. Samuelson  
Purchasing Agent.....E. J. Corcoran  
Factory Supt.....H. Hartley  
Personnel Mgr.....K. McClelland  
Traffic Manager.....E. A. LaBelle  
Advertising Mgr.....E. G. Brown  
PRODUCTS: Short-wave radio communication receivers and transmitters.

### Hamilton Radio Corp.

510 Sixth Ave., New York 11, N. Y.  
Phone: GRamercy 7-5210

President.....A. A. Juviler  
Vice-President.....P. L. Schoenen  
Asst. Treasurer.....M. Sobin  
Director of Sales.....J. F. Crossin  
Chief Engineer.....J. Ravdin  
Dir. of Engineering Design & Development  
N. P. Case  
Purchasing Engineer.....M. Z. Landau  
Office Manager.....L. Haber  
PRODUCTS: Complete line of home receivers.

### The Hammarlund Mfg. Co., Inc.

460 West 34th St., New York 1, N. Y.  
Phone LONGacre 5-1300

President.....Lloyd A. Hammarlund  
V.P. & Treasurer.....Joseph Lush  
V.P. ....H. B. Macartney  
Secretary-Comptroller.....E. A. Wittmer  
Advertising Mgr.....G. W. Stuart  
PRODUCTS: Manufacturers of precision communications equipment.

### Harco Steel Construction Co., Inc.

1180 E. Broad St., Elizabeth 4, N. J.  
Phone: Elizabeth 2-0826

President & Treasurer.....Harold Cohen  
Secretary.....Hugo E. Kern  
Vice-President.....C. S. Loftus  
PRODUCTS: Radio masts and towers.

### Hartenstine Zane Co., Inc.

225 Broadway, New York, N. Y.  
Phone BA 7-8390

Contact.....Chas. J. Hartenstine  
BRANCH OFFICE: 571 Springdale Ave., East Orange, N. J. PRODUCTS: Antennae Installation including all field work for foundations, erection, painting, lighting, and servicing radio towers. Installing ground systems and coaxial cable.

### Harvey Radio Laboratories, Inc.

417 Concord Avenue, Cambridge 38, Mass.  
Phone: Trowbridge 2800  
President.....Frank Lyman, Jr.



Sales Manager.....James E. McDonald  
 Chief Engineer.....Arthur L. Quirk

**PRODUCTS:** Police two-way equipment, marine equipment (radio direction finders), regulated and high voltage power supplies, communications equipment, electronic equipment.

**Harvey-Wells Communications, Inc.**

North Street, Southbridge, Mass.  
 Phone SOUTHbridge 1940

President & Treasurer.....John M. Wells  
 Vice-President & Chief Eng....C. A. Harvey  
 Vice-President & General Manager  
 Richard A. Mahler

**PRODUCTS:** Radio transmitting and receiving equipment; rectifier and power supply equipment.

**Haydu Brothers**

Plainfield, New Jersey  
 Phone: Plainfield 6-0878

Partner.....George K. Haydu  
 Partner.....Zoltan Haydu  
 Sales & Prod. Mgr....Alexander Fleischman  
 Chief Engineer.....Zoltan Haydu  
 Purchasing Agent.....Milton H. Scherr

**PRODUCTS:** Precision stampings and wire forms for radio, radar and television tubes; burner equipment for glass forming machinery.

**Hazeltine Corporation**

1775 Broadway, New York 19, N. Y.  
 Phone: COLUMbus 5-0793

Chairman.....Edgar Rickard  
 President.....Jack Binns  
 Vice-Pres.-Chief Eng.....W. A. McDonald  
 Asst. Treas.....Herbert F. Clough

**PRODUCTS:** Patents and engineering service to manufacturers.

**Hoffman Radio Corp.**

3430 So. Hill St., Los Angeles 7, Calif.  
 Phone: PRespect 3446

President.....H. L. Hoffman  
 Vice-President, Engineering...W. S. Harmon  
 Purchasing Agent.....P. L. Fleming  
 Secretary.....R. A. Yarcho  
 Treasurer.....G. G. Davidge  
 Sales Manager.....R. J. McNeely

**PRODUCTS:** The following are manufactured now: antenna box kites, variable condensers, frequency meters, transmitters, receivers, and miscellaneous electronic equipment.

**Hollister Crystal Co.**

1617 Pearl St., Boulder, Colo.  
 Phone BOULder 1720

Manager.....Herb Hollister  
 Production Manager.....Ted Heithecker  
**PRODUCTS:** Quartz Crystals.

**Howard Radio Co.**

1735 Belmont Ave., Chicago 13, Ill.  
 Phone: BITtersweet 4433

President.....Joseph F. Riley  
 Vice-President.....J. M. Muniz  
 Treasurer.....G. L. Turnquist  
 Chief Engineer.....W. James  
 Purchasing Agent.....N. J. McCurdie

**PRODUCTS:** AM-FM radios and phonograph combinations, television receivers, recording discs and other electronic products.

**Hudson American Corp.**

23 West 43rd St., New York 19, N. Y.  
 Phone: BRYant 9-1982

President.....Hazard E. Reeves  
 Vice-President.....Neil K. Hoskins  
 Vice-President.....E. L. Wayman, Jr.  
 Public Relations Dir.....Fred H. Pinkerton  
 Treasurer.....L. D. Ely  
 Sales Manager.....P. E. Bowen  
 Chief Engineer.....A. Hass  
 Credit Manager.....W. H. Wadhams, Jr.

**PRODUCTS:** Communications equipment.

**Hytron Corp.**

76 Lafayette St., Salem, Mass.  
 Phone: Salem 2260

President.....Lloyd H. Coffin  
 Genl. Manager.....Bruce A. Coffin  
 Vice-President.....Edgar M. Batchelder

**BRANCH OFFICES:** 315 Fourth Avenue, New York, N. Y., Phone, Gramercy 5-5583, Salesman, David Cogan; 43 East Ohio Street, Chicago, Ill., Phone, Canal 2616, Salesman, Ira L. Arkin, Commercial Engineer, Alfred Koenig.

**PRODUCTS:** The following vacuum tubes: receiving, ballast, hearing-aid, very-high-frequency triodes and pentodes, miniatures, medium and low-power transmitting triodes, R. F. beam tetrodes (particularly instant-hearing), R. F. pentodes, gaseous voltage regulators, and rectifiers.

**Ideal Fluorescent Products Co.**

150 Summit St., Newark, N. J.  
 Phone: Mi 2-6466

Manager.....Herman K. Kuth  
**PRODUCTS:** "Ideal" fluorescent starter switches, and electronic tubes.

## The Indiana Steel Products Co.

6 N. Michigan Ave., Chicago, Ill.  
Phone: FRAnklin 1114

President & Treas.....A. D. Plamondon, Jr.  
Vice-Pres. & Genl. Mgr....Joseph F. Drennan  
Secretary.....Albert Kahn  
Asst. Secretary.....M. J. Drew  
BRANCH OFFICES: 51 E. 42nd Street,  
New York, N. Y., Phone, MURray Hill 2-  
3239, Sales Engineer, Philip Smith; 1537  
Main Street, Springfield, Mass., Phone,  
Springfield 6-8157, Sales Engineer, Frank A.  
Hayden; 908 Fisher Bldg., Detroit, Mich.,  
Phone, Madison 4320, Sales Engineer, J.  
Henry Smith; 646 North Fuller Avenue, Los  
Angeles, Calif., Phone, Whitney 2122, Sales  
Representative, C. W. Warren; 1045 Bryant  
St., San Francisco, Calif., Phone, Underhill  
9966, Sales Representative, A. M. Schweitzer.  
PRODUCTS: Permanent magnets, radar  
magnet assemblies, alloy castings, and ground  
rod.

## Industrial & Commercial Electronics

601 O'Neill Ave., Belmont, Calif.  
Phone: Belmont 64

President.....Ralph C. Shermund  
Vice-President.....Charles V. Litton  
Chief Engineer.....D. Gordon Clifford  
Credit Manager.....G. C. Stuparich  
Purchasing Agent.....M. C. Keil  
PRODUCTS: Industrial transmitting tubes.

## Insuline Corp. of America

3602-10 35th Ave., Long Island City, N. Y.  
Phone AStoria 8-3738

President.....S. J. Spector  
Sales Manager.....Edward J. Cohen  
Vice-Pres.-Treas.....Edward J. Cohen  
Production Manager.....C. W. Peterson  
PRODUCTS: Radio Receiving-Transmit-  
ting Parts and Accessories, Stamping Metal  
Goods, Radio Chassis, Metal Cabinets, Plugs,  
Jacks, Sockets, Screw Machine Parts, Test  
Tools, Test Leads.

## International Detrola Corporation

Beard Avenue at Chatfield, Detroit 9, Mich.  
Phone: Vinewood 1-8100

President.....C. Russell Feldmann  
Treasurer.....R. J. Nixon  
Service Manager.....K. L. Granger  
Purchasing Agent.....R. H. Wann  
Detrola Radio Div., Detroit, & Gen. Mgr.

Fleming Johnson  
Director of Eng.....R. M. Daugherty  
PRODUCTS: Electric sets: compact, table,  
portable, consoles; battery sets: automobile,  
portable, portable AC-DC, table; combina-  
tions: radio-phonograph-radio phonograph  
automatic record changers; frequency-modu-  
lation sets; console, also aviation sets and  
record-players.

## International Resistance Co.

401 N. Broad St., Phila. 8, Pa.  
Phone: Walnut 2166

President.....Ernest Searing  
Vice-Pres., Sales.....Harry Ehle  
Vice-Pres., Chief Eng.....Jesse Marsten  
Manager, Industrial Div.....H. G. Beebe  
Manager, Radio Division.....C. H. Griffith  
Manager, Merchandise Div.....Robert Baggs  
BRANCH OFFICE: 165 Broadway, Room  
1438, New York, N. Y., Manager, A. H. Hard-  
dick, Sales Engineer, W. T. Kelly.  
PRODUCTS: Fixed and variable resistors,  
volume and tone controls, potentiometers,  
attenuators, and power rheostats.

## Irrington Varnish & Insulator Co.

6 Argyle Terrace, Irrington 11, N. J.  
Phone: ESsex 3-4200

Pres. & Genl. Mgr.....A. E. Jones  
Vice-Pres., Dir. of Sales.....F. A. Shoemaker  
Vice-Pres., Mfg.....R. Metzger  
Secretary.....F. M. Miller  
Treasurer.....Carl Egner  
Genl. Sales Manager.....J. J. Connors  
Purchasing Agent.....K. C. Johnson  
PRODUCTS: Insulating material, tubing.

## Isolantite Inc.

343 Cortlandt St., Belleville, N. J.  
Phone: Belleville 2-4600

Vice-Pres.-Gen. Mgr.....G. W. Hawkins  
Works Manager.....H. D. Clifton  
Gen. Sales Manager.....E. A. Domber  
Comptroller.....A. F. Heard  
BRANCH OFFICES: 43 East Ohio Street,  
Chicago, Ill. Phone, Superior 5925, District  
Engineer, H. Pretat; Bulkeley Building,  
Cleveland, Ohio, District Representative,  
C. E. White.  
PRODUCTS: Steatite, high frequency  
radio insulators, coaxial transmission line  
and accessory equipment, special antenna  
equipment.

## J. F. D. Manufacturing Co.

4111 Fort Hamilton Parkway, Brooklyn, N. Y.  
Phone: WInsdor 8-3100

Owner.....Julius Finkel  
Sales Manager.....Walter Bergman  
PRODUCTS: Antennas, replacement ballast  
tubes, dial belts, battery plugs, battery adap-  
ters.

## The Jackson Electrical Instrument Co.

131 Wayne Ave., Dayton 1, O.  
Phone: Hemlock 4076

President.....Paul F. Jackson  
Vice-President.....George M. Buchard  
PRODUCTS: Test equipment.

**Jefferson Electric Co.**

25th Ave. & Madison St., Bellwood, Ill.  
Phone: MANsfield 7161

President.....J. C. Daley  
Exec. Vice-Pres.....Alfred E. Tregenza  
Vice-Pres. & Secy.....J. M. Bennan  
PRODUCTS: Power transformers, chokes and audio input and output transformers, television deflecting yokes, horizontal and vertical scanning transformers, centering and focusing coils.

**Jensen Radio Manufacturing Co.**

6601 S. Laramie Ave., Chicago 38, Ill.  
Phone: PORTsmouth 7600

President.....W. E. Maxon  
Vice-President & Sales Manager...T. A. White  
Vice-President & Chief Eng...H. S. Knowles  
PRODUCTS: Loudspeakers, public address equipment.

**Johns-Manville Corp.**

22 East 40th St., New York, N. Y.  
Phone LEXington 2-7600

PRODUCTS: Sound-control materials and acoustical-engineering service.

**E. F. Johnson Co.**

Waseca, Minn.  
Phone 990

General Manager.....E. F. Johnson  
Controller.....F. C. Mann  
Sales Manager.....C. W. Stevenson  
Chief Engineer.....L. W. Olander  
Purchasing Agent.....M. L. Johnson  
BRANCH OFFICE: 259 W. 14th St., N. Y. C. PRODUCTS: Phasing Equipment, Antenna Tuning Units, Inductors, Variable Condensers, Tube Sockets, Insulators, Plugs and Jacks, Copperweld Wire, Coupling Equipment, Insulators, Concentric Line, Special Antennas, & Special Order Equipment.

**Kellogg Switchboard & Supply Co.**

6650 S. Cicero Ave., Chicago 38, Ill.  
Phone PORTsmouth 6900

President.....J. G. Kellogg  
Sales Manager.....F. M. Parsons  
PRODUCTS: Oil and wax condensers, communications equipment, microphones, earphones, noise filters, volume controls, retractable electrical cords (Coiled Kords).

**Ken-Rad Tube & Lamp Corp., Inc.**

Owensboro, Ky.

Phone: Owensboro 2000

President.....Roy Burlew  
Sales Manager.....R. W. Metzner  
PRODUCTS: Receiving, transmitting, cathode ray and special purpose tubes.

**Kenyon Transformer Co., Inc.**

840 Barry St., New York 59, N. Y.  
Phone DAYton 9-0100

President.....Franklin P. Kenyon  
Vice-President & Chief Engineer  
Richard B. Shimer  
BRANCH OFFICES: 21 E. Van Buren St.; Chicago, Ill.; 6406 Sunset Blvd., Hollywood, Calif.; F. Craig Palen, Mgr.; 262 Grayson Pl., Teaneck, N. J.  
PRODUCTS: Transformers, Reactors, Filters.

**Kerrigan Lewis Mfg. Co.**

4421 W. Rice St., Chicago 51, Ill.  
Phone: Spaulding 7210

Partner.....Vincent M. Kerrigan  
Partner.....Charles F. Lewis  
PRODUCTS: Magnet and Litzendraht Wire.

**"King Brand" Music Papers**

1595 Broadway, New York, N. Y.  
Phone CI 6-0488

Contact....."Wes" Cowen  
BRANCH OFFICE: 3928 Crenshaw Blvd., Los Angeles, Calif. PRODUCTS: Music-Manuscript Paper, Score Paper, Ink, Fountain Pens, Carrying Cases and Covers, Batons, Duplicating Papers, Music Tapes.

**King Laboratories, Inc.**

205 Oneida St., Syracuse 4, N. Y.  
Phone: 2-5209

President.....Aden J. King  
Vice-President.....F. M. Michaelian  
General Manager.....W. R. MacLeod  
Secy. & Treas.....George L. King  
PRODUCTS: Special alloys, chemicals and metals, radio tube parts, metal punchings and stampings.

**Kluge Radio Co.**

1913 Montrose St., Los Angeles 26, Calif.  
Phone Exposition 1742

Owner.....Myron E. Kluge  
PRODUCTS: Radio and electronic equipment.

**Kuthe Laboratories, Inc.**

150 Summit St., Newark 4, N. J.  
Phone: MITchell 2-6466

President.....Herman K. Kuthe  
PRODUCTS: Electronic transmitting tubes, rectifiers, voltage regulators, indicators, fluorescent starter switches, specialty—gas filled tubes.

### **Lapp Insulator Co., Inc.**

Le Roy, N. Y.  
Phone Le Roy 385

President.....J. S. Lapp  
Vice-President.....W. F. Young  
Treasurer.....G. W. Lapp  
Sales Manager.....Brent Mills

PRODUCTS: Tower footing and guy insulators; standoff, entrance and antenna insulators; radio frequency high voltage condensers.

### **Lehigh Structural Steel Co.**

17 Battery Place, New York, N. Y.  
Phone Whitehall 4-1424

Contact.....J. F. Neary  
BRANCH OFFICES: In all principal cities.  
PRODUCTS: Vertical Radiators, Antenna Towers and Masts.

### **Lektra Laboratories, Inc.**

30 E. 10th Street, New York 3, N. Y.  
Phone: ALgonquin 4-0230

President.....Milton W. Blatner  
Vice-President.....B. Eisenberg  
Secretary.....Julius Kriser

PRODUCTS: Electronic timers (photographic and industrial), electro shock therapy, microphones, communicating systems.

### **Lenz Electric Manufacturing Co.**

1751 N. Western Ave., Chicago, Ill.  
Phone: ARMitage 4454

President.....J. Mayo Lenz  
Vice-President.....P. C. Lenz  
Chief Engineer & Sales Manager

R. G. Zender  
PRODUCTS: Wires, cords and cables.

### **Libbey Glass**

### **Division of Owen-Illinois Glass Co.**

P. O. Box 919, Toledo 1, Ohio  
Phone: Pontiac 3411

President.....J. P. Lewis  
Vice-Pres.-Dir. of Sales.....F. J. Solon  
Mgr., Industrial Sales.....R. W. Rogers  
Chief Engineer.....H. R. Schutz  
Credit Manager.....C. B. Rairdon  
Purchasing Agent.....C. L. Rice  
Export Manager.....O. R. Hecht  
Service Manager.....G. H. Meeker

PRODUCTS: Lead, lime and borosilicate glass handmade bulbs; general lime glass containers.

### **Lifetime Sound Equip. Co.**

1101 Adams St., Toledo, O.  
Phone Main 5643

General Manager.....Win. H. Manoff  
Factory Manager.....M. H. Manoff  
Production Engineer.....F. L. Church

PRODUCTS: Microphones: Carbon, Dynamic, Velocity; Trumpets, Reflex Trumpets, P. M. Trumpet Units, Deflector Baffles.

### **John E. Lingo and Son, Inc.**

28th St. and Buren Ave., Camden, N. J.  
Phone Camden 0487

President.....J. E. Lingo  
Chief Engineer.....Wesley Thompson  
Production.....George Burrows

PRODUCTS: Vertical Radiators; Guyed Tubular Steel and Portable Dural; Turnstile and UHF Antennae, Tubular Steel Supporting Poles (for UHF Antennae).

### **Machlett Laboratories, Inc.**

Power Tube Division: 25 Grand St.  
Norwalk, Conn.

Phone: Norwalk 6-5581

X-Ray Division: 1063 Hope Street  
Springdale, Conn.

Phone: Stamford 4-5781

President.....R. R. Machlett

Vice-President.....W. E. Stevenson

Treasurer.....J. A. Lambert

Vice-Pres., Charge of Mfg.....J. W. Skehan

General Sales Manager.....H. J. Hoffman

Manager of Engineering.....T. H. Rogers

PRODUCTS: A complete line of Electronic tubes for X-Ray, radio transmitting, and industrial purposes.

### **The Magnavox Co.**

2131 Bueter Rd., Fort Wayne, Ind.

President.....Richard A. O'Connor

Sales Manager.....Stanley S. Sondles

PRODUCTS: Speakers, capacitors.

### **Majestic Radio & Television Corporation**

2600 West 50th Street, Chicago 32, Illinois  
Phone: Hemlock 6800

President.....E. A. Tracey

Vice-President.....E. V. Otis

Vice-President in Charge of Engineering,

D. E. Foster

Vice-President in Charge of Production,

A. W. Freese

Director of Sales.....Parker H. Ericksen

Export Manager.....C. V. del Mercado

Purchasing Agent.....A. G. Ginsberg

Asst. Treasurer.....C. E. Underwood

Dir. of Purchasing.....J. O. Copel

Works Manager.....John Stevens

PRODUCTS: Radio Receiving and Transmitting Sets.

### **John Meck Industries**

Plymouth, Ind.

Phone: Plymouth 33

President.....John S. Meck

Sales Manager.....W. W. Montgomery

Chief Engineer.....Charles Wexler

**EQUIPMENT MANUFACTURERS**

BRANCH OFFICES: 500 Fifth Avenue, New York, N. Y., Phone, CHickering 4-3545, Eastern Manager, J. W. Spangenberg; 540 North Michigan Avenue, Chicago, Ill., Phone, Delaware 1561, Executive-in-Charge, L. G. Cushing.

PRODUCTS: Home radio sets, phonographs, sound equipment.

**Meissner Mfg. Co.**

7th and Belmont Streets, Mt. Carmel, Ill.  
Phone: Mt. Carmel 733

President.....J. T. Watson  
Exec. Vice-Pres.....G. V. Rockey  
Vice-Pres., Sales.....O. F. Jester  
Vice-Pres., Eng.....E. J. Stanmyre  
Treasurer.....G. W. Osbeck  
Secretary.....M. A. Hubbard  
Factory Manager.....F. B. Lester  
Manager, Planning Department

L. V. Sorensen

Purchasing Agent.....E. O. Braun  
BRANCH OFFICE: Palmolive Bldg., Chicago, Ill., Phone, Delaware 8233, Vice-President, O. F. Jester.

PRODUCTS: Radio-phonographs, radar, television, FM converters, amateur receivers, amateur transmitters, test equipment, recording equipment, R. F. coils, I. F. coils, trimming condensers, padding condensers.

**Merit Coil & Transformer Corp.**

311 North Desplaines St., Chicago 6, Ill.  
Phone: Monro 1840

President.....Charles C. Koch  
Vice-President.....Harold Jones  
Sales Manager.....Charles C. Koch  
Chief Engineer.....Harold Jones  
Credit Manager.....A. G. Schmidt  
Purchasing Agent.....Arthur J. Herold  
Service Manager.....Harry R. Koch

PRODUCTS: Transformers, coils, special windings and cable assemblies.

**Micamold Radio Corp.**

1087 Flushing Ave., Brooklyn 6, N. Y.  
Phone: STagg 2-9820

President.....A. P. Hirsch  
Sales Manager.....E. B. Tyler  
Vice-President.....F. A. Whiting  
Purchasing Agent.....J. Roth

PRODUCTS: Transmitting, mica, molded paper, paper, and electrolytic condensers; resistors; ceramics; oil and tubular condensers.

**Micro Switch Division of First Industrial Corporation**

Freeport, Ill.  
Phone: State 900

President.....W. B. Schulte

Vice-President.....A. L. Riche  
Sales Manager.....F. E. Wilsey

BRANCH OFFICES: 126 Newbury Street, Boston 16, Mass., Phone, COMmonwealth 3715, Branch Manager, J. J. Cassidy; 43 East Ohio Street, Chicago 11, Ill., Phone, SUPerior 0680; 4900 Euclid Avenue, Cleveland 3, Ohio, Phone, EXpress 1424, Branch Manager, A. W. Wacaser; 1709 West 8th Street, Los Angeles 14, Calif., Phone, EXposition 1169, Branch Manager, E. N. Hughes, Field Engineer, V. J. Warne; 11 Park Place, New York 7, N. Y., Phone, REctor 2-4328, Branch Manager, J. K. Lincoln; 2502 McKinney Avenue, Dallas 2, Texas, Phone, Lakeside 7821, Representative, F. T. Summers; 917 South West Oak Street, Portland, Oregon, Phone, BRoadway 3830, Representative, Don Burcham; 1218 Olive Street, St. Louis 3, Mo., Phone, CENTral 6300, Representative, N. W. Kathrinus.

PRODUCTS: Precision snap-acting micro switches and auxiliary actuators, micro limit switches, special micro switches, thermally operated micro switches, explosion-proof micro switches, splash-proof micro switches.

**Miles Reproducer Co., Inc.**

812 Broadway, New York, N. Y.  
Phone GRamercy 5-9466

President.....Dr. R. Byrne  
Secretary.....J. M. Kuhlik, Sc.D.  
Treasurer.....H. B. Kuhlik  
Advertising Mgr.....J. V. Conniff  
Vice-President.....G. Ruskin  
Public Relations.....B. Burns  
Electronics Head.....P. Katzoff, E.E.

PRODUCTS: Sound-On Film Recorders, Sound-On Film Reproducers, Telephone Recording Machines, Dictated Recording Machines, Dictating Transcribers, Throat Microphones, Sound Protection Equipment, Continuous Recorders and Transcribers for every occasion.

**James Millen Manufacturing Co., Inc.**

150 Exchange Street  
Malden 48, Massachusetts  
Phone: Malden 4108 and 4109

President.....James Millen  
Vice-President.....Robert S. Millen  
Sales Manager.....James Millen  
Chief Engineer.....R. Wade Caywood  
Purchasing Agent.....Robert Harpell  
Export Manager.....C. Lohman Janik

PRODUCTS: Radio Transmitters, Receivers and all component parts.

### **Mirror Record Corp.**

58 W. 25th St., New York 10, N. Y.  
Phone CH 3-2222

Pres. & Treas.....Paul K. Trautwein  
PRODUCTS: Recording accessories (discs, cutting needles, playback needles).

### **The Muter Co.**

1255 S. Michigan Ave., Chicago, Ill.  
Phone: CALumet 4000

President.....Leslie F. Muter  
Vice-President.....J. R. Scanlan  
Production Engineer.....C. M. Kramer  
PRODUCTS: Resistors, switches, ceramic condensers, ballasts, coils, spira shields, antenna loops, I.F. and R.F. transformers.

### **National Carbon Co. Inc.**

30 East 42nd St., New York 17, N. Y.  
Phone: MURray Hill 2-6800

President.....A. V. Wilker  
Vice-Pres. & Gen. Mgr.....J. M. Spangler  
General Sales Manager.....C. O. Kleinsmith  
Chief Engineer.....L. M. Temple  
PRODUCTS: Batteries.

### **National Co., Inc.**

61 Sherman St., Malden, Mass.  
Phone: MALden 6350

President.....William A. Ready  
General Manager.....J. J. Freeley  
PRODUCTS: Receiving sets, FM receiving sets, transmitters, transmitting condensers, dials, coils, chokes, receiving condensers, transmitting parts, R.F. and I.F. transformers, sockets, couplings, receiving parts.

### **National Union Radio Corp.**

15 Washington St., Newark 2, N. J.  
Phone: HUMBoldt 2-5050

President.....S. W. Muldowny  
Controller.....E. O. Sandstrom  
Dir. of Labor Relations.....A. C. Beeson  
Sales Manager.....H. A. Hutchins  
Dir. of Distributor Sales.....J. H. Robinson  
Production Manager.....F. A. Turnquist  
Dir. of Public Relations.....Ed DeNike  
Credit Manager.....H. A. Pope  
Dir. of War Service.....J. J. Clune  
PRODUCTS: Receiving tubes, cathode ray tubes, transmitting tubes, photo cells, condensers, dry batteries, volume controls.

### **Noblitt-Sparks Industries, Inc.**

13th St. & Big Four Railroad, Columbus, Ind.  
Phone: Columbus 5521

President.....Q. G. Noblitt  
Vice-President.....G. W. Thompson  
Sales Manager.....G. T. Ritter  
Sales Manager.....J. C. Marshall  
PRODUCTS: AM and FM radios for civilian use, electronic equipment for the Signal Corps.

### **Northern Electric Co., Ltd.**

1261 Shearer St., Montreal, P. Q., Canada  
Phone Wilbank 3131

President.....P. F. Sise  
PRODUCTS: Transmitters, point-to-point equipment, music reproducing equipment, microphones, portable amplifiers, public address systems, aircraft radio, vacuum tubes, electric organs.

### **Oak Manufacturing Co.**

1260 Clybourn Ave., Chicago 10, Ill.  
Phone: MOHawk 2222

President.....Edward F. Bessey  
1st Vice-Pres., in Charge of Sales  
R. A. O'Reilly  
Secretary.....William Bessey  
Chief Engineer.....E. J. Mastney  
Purchasing Agent.....D. L. Bradley  
PRODUCTS: Switches, vibrators, condensers, tuners, rotary relays, record changers.

### **The Ohio Carbon Co.**

12508 Berea Rd., Cleveland 11, Ohio  
Phone: Boulevard 2700

President.....Allen K. Moulton  
Sales Manager.....I. W. Brandel  
Chief Engineer.....A. A. Stark  
PRODUCTS: Carbon resistors, wire-wound resistors, paper resistors, radar and electronic applications.

### **Ohmite Mfg. Co.**

4835 Flournoy St., Chicago 44, Ill.  
Phone: Austin 1070

President.....D. T. Siegel  
Treasurer.....W. B. Hills  
Vice-Pres., Production.....J. S. Howe  
Vice-Pres., Sales.....R. S. Laird  
Chief Engineer.....H. Levy  
Purchasing Agent.....A. Stolzenfeldt  
PRODUCTS: Rheostats, resistors, rotary tap switches, R. F. and power line chokes, and attenuators.

### **Operadio Manufacturing Co.**

St. Charles, Ill.  
Phone: MANsfield 6446

President.....J. M. Stone  
Vice-President & Gen. Manager..G. R. Haase  
Secy. & Treas.....L. A. King  
Purchasing Agent.....E. E. Swick  
Chief Engineer.....J. F. McCraigh  
PRODUCTS: Communication equipment, loud speakers, amplifiers, public address systems.

### **Oxford-Tartak Radio Corp.**

3911 S. Michigan Ave., Chicago, Ill.  
Phone: ATLantic 6161

President & Sales Manager...Paul H. Tartak  
PRODUCTS: Loud speakers, output and line transformers.

**Pacific Sound Equipment Co., Inc.**

1534 Cahuenga Blvd., Los Angeles 28, Calif.  
Phone Hempstead 5141

President.....Robert G. Metzner  
Secretary-Treasurer.....William L. Maas

BRANCH OFFICE: 4821 Bethesda Avenue,  
Bethesda 14, Md. (Washington, D. C.).  
Phone, Wisconsin 3144, Representative, Wil-  
liam H. Holmes.

PRODUCTS: Phonographs, electric and  
acoustic; transcription reproducers; public  
address systems; etc.

**Packard-Bell Co.**

1115 S. Hope St., Los Angeles 15, Calif.  
Phone: PProspect 3404

President.....Herbert A. Bell  
General Manager.....H. D. Thomas, Jr.  
Director of Sales.....J. M. Spain  
Chief Engineer.....A. R. Ellsworth  
Purchasing Agent.....A. T. Baxter

PRODUCTS: Radio communication and  
test equipment, radar, electronic navigation  
devices. (Peace-time products: radio receivers,  
radio-phonograph combinations, radio-  
phonograph-recorders.)

**Philco Corp.**

Tioga & C Sts., Philadelphia, Pa.  
Phone: NEBraska 5100

Chairman of the Board.....Larry E. Gubb  
Chairman of Exec. Comm. James T. Buckley  
President.....John Ballantyne  
Vice-Pres., Charge of Operations  
Wm. Balderston

Vice-Pres., Charge of Sales  
Thomas A. Kennally  
Vice-Pres., Charge of Merchandising

James H. Carmine  
Chief Radio Engineer.....Palmer M. Craig  
Chief Television Eng.....F. J. Bingley  
Director of Research.....David B. Smith  
Vice-Pres., Charge of Service.....R. F. Herr  
accessories, batteries, radar equipment.

**Philharmonic Radio Corp.**

528 E. 72nd St., New York 21, N. Y.  
Phone: BUtterfield 8-2300

President.....Avery R. Fisher  
Vice-Pres.....Victor Brociner  
Vice-Pres.....Stanley Bogart  
Secretary.....J. A. Coleman  
Comptroller.....Victor J. Olearo  
Asst. Secy.-Treas.....George F. Tiernan  
Chairman of Board.....Thomas R. Jones

PRODUCTS: FM-AM radio-phonographs,  
FM-AM receiving sets, electronic test equip-  
ment, military radio and radar.

**Philmore Mfg. Co.**

114 University Pl., New York 3, N. Y.  
Phone: ALgonquin 4-3363

Manager.....Philip Schwartz  
Chief Engineer.....Reginald Burke  
Credit Manager.....R. Rosen  
Export Manager.....M. L. Granat  
Service Manager.....Theodore Kunze  
Purchasing Agent.....Murray Granat

PRODUCTS: Amateur sets, crystal sets,  
microphones (carbon type), detectors, plugs,  
1, 2 and 3-tube receivers, headphones, sig-  
nal keys, short wave and broadcast plug-in  
coils, aerial kits, speaker microphones, spring  
aerials.

**Phonovision Corp.**

850 Blackhawk St., Chicago 22, Ill.  
Phone: Michigan 0800

President.....Harry J. Berlin  
Chief Engineer.....M. Kenney  
Credit Manager.....F. Kosecki  
Purchasing Agent.....A. E. Neuhauser

PRODUCTS: Amplifiers and remote con-  
trol devices.

**Pilot Radio Corp.**

37-06 Thirty-sixth St., Long Island City, N. Y.  
Phone: STillwell 4-5455

President-General Manager. Isidor Goldberg  
PRODUCTS: Receiving sets, radio-phono-  
graph combinations, FM receiving sets, tele-  
vision receiving sets.

**Poinsettia, Inc.**

96 Cedar Ave., Pitman, N. J.  
Phone Pitman 511  
Phone: Pitman 196

President.....E. Poinsett  
Secy. & Treas.....E. P. Carter  
PRODUCTS: Phonograph Record Manu-  
facturing Equipment.

**Press Wireless, Inc.**

1475 Broadway, New York, N. Y.  
Phone: BRyant 9-5030

President.....A. Warren Norton  
Vice-Pres.....E. J. Kerrigan  
Dir. of Communications.....D. K. deNeuf  
Dir. of Manufacturing....Ray H. dePasquale  
Treasurer.....James Humphry, Jr.  
Gen'l Attorney-Secy.....J. E. Denning  
BRANCH OFFICE: 1680 Vine Street, Hol-  
lywood, Calif., Phone, Granite 7171, Manager  
of Pacific Division, E. N. Dotson.

PRODUCTS: High power radio transmit-  
ters, diversity receivers, aircraft and airfield  
radio equipment, radio printer systems, mod-  
plex units, channeling devices, radio photo  
terminals, facsimile machines.

### **Presto Recording Corp.**

242 W. 55th St., New York 19, N. Y.  
Phone CI 5-7760

President.....George J. Saliba  
Secretary.....Morris M. Gruber  
General Sales Manager....Ralph C. Powell  
PRODUCTS: Sound Recording Equipment,  
Discs and Needles, Transcription Turntables,  
Recording Amplifiers and Accessory Record  
ing Equipment.

### **B. A. Proctor Co., Inc.**

2 W. 45th Street, New York, N. Y.  
Phone MU 6-7542

President & Treasurer...Barton A. Proctor  
Vice President & Secretary,

Ferd. C. W. Thiede  
PRODUCTS: Crystal Pickups and Record-  
ing Heads, Transcription Turntables and Re-  
cording Machines.

### **Radio Condenser Co.**

Davis & Copewood Sts., Camden, N. J.  
Phone: Camden 7300

President.....Stanley S. Cramer  
Vice-President.....Russell E. Cramer  
Secy. & Treas.....William W. Paul  
Factory Manager.....Frank A. Cowgill  
Chief Engineer.....Joseph S. Robb  
Purchasing Agent.....James W. Willard  
Sales Manager.....William J. May  
Dir. of Labor Relations..William J. McHugh

BRANCH OFFICES: 4447 Armitage  
Street, Chicago, Ill., Western Sales Manager,  
Robert M. Buesman; 420 Lexington Avenue,  
Room 611, New York, N. Y., New York Rep-  
resentative, Phil R. Fixel; 3415 West 8th  
Street, Los Angeles, Calif., West Coast Re-  
presentative, Carl A. Stone.

PRODUCTS: Variable air condenser for  
commercial radio sets and special trans-  
mitter, receiver and detector equipment.

### **Radio Engineering Labs., Inc.**

35-54—36th St., Long Island City, N. Y.  
Phone: Astoria 8-1010

President.....Charles M. Srebroff  
Vice-Pres.....Frank A. Gunther  
Secretary.....Marion Wade

BRANCH OFFICES: 5334 Hollywood  
Blvd., Hollywood, Calif. Norman B. Neeley;  
2040 Grand River Ave. W., Detroit, Mich.,  
M. N. Duffy; 612 North Michigan Blvd., Chi-  
cago, Ill., REL Equipment Sales, Inc., Ex-  
cutive-in-Charge, R. B. Ritter.

PRODUCTS: Broadcast transmitters, fre-  
quency modulation and amplitude modula-  
tion, antennas, test equipment, FM speech  
consoles, FM studio to transmitter relays,  
FM receivers, loudspeaker units, portable  
transmitters for remote pick-up service, mo-  
bile two-way FM transmitters and receivers  
for Military and Municipal use.

### **RCA Victor Division**

Camden, New Jersey  
Phone Camden 8000

Vice-Pres., Charge of Division

Frank M. Folsom  
General Manager.....Robert Shannon  
Chief Engineer.....Dr. C. B. Jolliffe  
Dir. of Finance & Accounts....J. G. Wilson  
Dir. of Advertising.....C. B. Brown  
Mgr. of Engineering Products Division

Meade Brunet  
Mgr. of Radio, Television & Phonograph Div.  
T. F. Joyce  
Mgr. of Tube & Equipment Div.

L. W. Teegarden  
Mgr. of Record Div.....J. W. Murray  
Dir. of International Division...J. D. Cook

PRODUCTS: Custom built communication  
and sound equipment, sound reinforcing  
equipment, broadcast transmitters and studio  
equipment, Industrial Sound Equipment, re-  
cords and transcriptions, electronic tubes,  
television transmitting and receiving equip-  
ment, FM transmitting and receiving equip-  
ment, special electronic apparatus and fac-  
simile equipment.

### **Raytheon Production Corp.**

55 Chapel St., Newton, Mass.  
Phone: BIGelow 7500

President.....L. K. Marshall  
Vice-Pres.-Treas.....D. T. Schultz  
Secretary.....D. L. Trouant

BRANCH OFFICES: Electronic Equipment  
Division, Seyon Street, Waltham, Mass.,  
Phone, Waltham 5860, Plant Manager, G. E.  
M. Bertram; Power Tube Division, Foundry  
Avenue, Waltham, Mass., Phone, Waltham  
5860, Plant Manager, P. L. Spencer; Electri-  
cal Equipment Division, 190 Willow Street,  
Waltham, Mass., Phone, Waltham 5860, Plant  
Manager, G. E. M. Bertram; Radio Receiving  
Tube Division, 55 Chapel Street, Newton,  
Mass., Phone, Bigelow 7500, Plant Manager,  
P. T. Weeks; Communication Division, 420  
Lexington Avenue, New York, N. Y., Phone,  
Mohawk 4-1341, General Manager, Joseph  
Pierson.

PRODUCTS: Tubes.

### **Remler Co., Ltd.**

2101 Bryant St., San Francisco 10, Calif.  
Phone: Valencia 3435

Pres.-Gen. Mgr.....E. G. Danielson  
Sales & Advertising.....H. L. Parker  
Chief Engineer.....H. A. Greene, Jr.

PRODUCTS: Electronic equipment since  
1918. Radio broadcast receivers, attenuators,  
tube sockets, plugs and receptacles, inter-  
communication equipment, marine announc-  
ing systems, precision plastic molding and  
screw machine products.



**Scophony Corp. of America**

527 Fifth Ave., New York 17, N. Y.

Phone: MUrray Hill 2-5960

President .....Arthur Levey  
 Vice-President.....Joseph E. Swan  
 Treasurer .....Franklin Field  
 Director of Research...Dr. A. H. Rosenthal  
**BRANCH OFFICES:** 40 Gloucester Sq.  
 W., London, Eng. Sir M. B. Carter, Chair-  
 man. Wells, Somerset, England, W. G.  
 Elcock, Managing Director.

**PRODUCTS:** Television projectors, elec-  
 tronic devices, Govt. work.

**Sheridan Electro Corp.**

2850 South Michigan Ave., Chicago 16, Ill.

Phone: Calumet 2100

President.....John J. Sheridan  
 Vice-Pres.-Sales Mgr.....Robert Shellow  
 Chief Engineer.....Kenneth W. Jarvis  
 Purchasing Agent.....John H. Stackhouse

**PRODUCTS:** Radio sets, transmitting ap-  
 paratus, and electrical appliances.

**Sonora Radio & Television Corp.**

325 N. Hoyne Ave., Chicago, Ill.

Phone: CHESApeake 2323

President.....Joseph Gerl  
 Vice-President.....B. Freund  
 Sales Manager.....Edward Harris  
 Sales Promotion Mgr.....Herbert S. Hall  
 Recording Director.....Mary Ruebens  
**BRANCH OFFICE:** 730 Fifth Ave., New  
 York, N. Y., Eastern Sales Manager, Milton  
 Benjamin.

**PRODUCTS:** Receiving sets, radio-phono-  
 graph combinations, phonograph records.

**Sound, Inc.**

221 E. Cullerton Street, Chicago 16, Ill.

Phone: Victory 7234

President-Sales Mgr.....Allen Shoup  
 Chief Engineer.....Fred Shoup  
 Credit Manager.....Henry Watkins  
 Purchasing Agent.....H. F. Costello

**PRODUCTS:** Sound equipment; 16 mm.  
 projectors.

**The Sparks-Withington Co.**

2400 E. Ganson St., Jackson, Mich.

Phone: Jackson 2-0461

Pres.-Gen. Mgr.....Harry G. Sparks  
 Mgr. of Radio & Appliance

Division.....C. J. Kayko  
 Sales Manager.....Harley R. Wall  
 Treasurer.....H. M. Johnston  
 Export Manager.....H. O. McClumpha  
 Service Manager.....J. M. Bowmaster

**PRODUCTS:** Receiving sets, radio-phono-  
 graph combinations, television sets, trans-  
 formers.

**Speak-O-Phone Recording  
& Equipment Co.**

23 West 60th St., New York, N. Y.

Phone CO 5-1350

General Sales Manager.....C. A. Austin  
 Secretary.....R. L. Lee

**PRODUCTS:** Recording and reproducing  
 equipment.

**Sperry Gyroscope Co. Inc.**

Great Neck, New York,

Phone: Fieldstone 3-3600

President.....R. E. Gillmor  
 General Mgr.....P. R. Bassett  
 Gen. Sales Mgr.....H. H. Willis  
 Electronics Sales Mgr.....E. F. Lazar

**PRODUCTS:** KLYSTRON Tubes, radio  
 direction finders; electronic measurement  
 equipment.

**Stewart-Warner Corp.**

1826 Diversey Pkwy., Chicago, Ill.

Phone: Lakeview 6000

Senior Vice-Pres.....F. A. Hiter  
 Manager, Radio Dept.....F. D. Masters

**PRODUCTS:** Receiving sets, radio-phono-  
 graph combinations, FM receiving sets, tele-  
 vision receiving sets, record-players.

**Stromberg-Carlson Co.**

100 Carlson Rd., Rochester 3, N. Y.

Phone Culver 260

Pres.....Wesley M. Angle  
 Vice-Pres.-Gen. Mgr.....Ray H. Manson  
 Vice-Pres., Charge of

Finance.....Edwin C. Roworth  
 Vice-Pres., Charge of

Broadcasting .....William Fay  
 Vice-Pres., Charge of

Sales.....Lloyd L. Spencer  
 Vice-Pres., Charge of

Eng. and Research.....Frederic C. Young  
 Sec., Asst. Gen Mgr.....Lee McCanne

Treasurer.....Wilbur W. Hetzel  
 Asst. Treas., Charge of

Credits & Priorities....Arthur F. Gibson  
 Asst. Treas., Charge of

Accounting .....Gordon G. Hoyt  
 Asst. Sec.-Gen. Supt.....Sidney R. Curtis

**BRANCH OFFICES:** 564 W. Adams St.,  
 Chicago 6, Ill., Phone, State 4234, Manager,  
 H. T. McCraig; 2017 Grand Ave., Kansas  
 City 8, Mo., Phone, Harrison 6618, Manager,  
 A. J. Roberts; 1355 Market St., San Fran-  
 cisco 3, Cal., Phone, UNderhill 5388, Man-  
 ager, T. C. Thompson; Stromberg-Carlson  
 Co., Ltd., 211-219 Geary Ave., Toronto, Ont.,

Canada, Phone, MELrose 2453, Vice-President and Managing Director, R. A. Hackbusch.

PRODUCTS: Communications equipment including radio, television, telephone, sound equipment, etc.

**Sylvania Electric Products, Inc.**

500 Fifth Ave., New York, N. Y.

President.....W. E. Poor  
 Vice-President, Sales.....D. G. Mitchell  
 Director of Engineering.....R. M. Wise  
 General Sales Manager, Radio Tube Sales  
 C. W. Shaw  
 D. R. Adv.-S. P.....Paul S. Ellison

PRODUCTS: Receiving tubes, cathode ray tubes, transmitting tubes, electronic devices.

**Templetone Radio Mfg. Corp.**

Templeton Bldg., New London, Conn.

Phone: New London 2-2191

President.....Oscar Dane  
 Vice-President.....Eli Dane  
 Vice-Pres., Charge of

Engineering.....Dr. Dale Pollack  
 Purchasing Agent.....M. A. Gardner  
 Asst. Adv. Manager.....S. A. Kelsey  
 Personnel Manager.....Fred Corbett

PRODUCTS: Radios and electronic test equipment.

**Trav-Ler Karenola Radio & Television Corp.**

1028-36 W. Van Buren St., Chicago 7, Ill.

Phone: HAYmarket 3487

President-General Manager....Joe Friedman  
 Chief Engineer.....R. J. O'Brien  
 Purchasing.....M. Kling

BRANCH OFFICE: Orleans, Ind., Phone, Orleans 85, Works Manager, Ellis Friedman.

PRODUCTS: Inter-communication equipment for U. S. A. Signal Corps. All types of radio merchandise.

**Universal Microphone Co., Ltd.**

424 Warren Lane, Inglewood, Calif.

Phone: (Inglewood) ORchard 7-4216

Phone: (Los Angeles) ORegon 8-2148

President.....James L. Fouch  
 Vice-President & Sales Manager

Cecil L. Sly  
 Secretary.....Durwood D. Allen

BRANCH OFFICES: (Canada) 560 King St. W., Toronto, 2; (Export) 301 Clay St., San Francisco, 11; New York, 259 W. 14th St.; Boston, 94 Portland St.; Chicago, 540 N. Michigan Ave.; Seattle, 2321—2nd Ave.

PRODUCTS: Microphones, stands and accessories: plugs, jacks, cords and switches.

**Western Electric Co., Inc.**

(Radio Division)

120 Broadway, New York 5, N. Y.

Phone COrtland 7-7700

Vice-Pres.-Mgr.....F. R. Lack

Sales Manager.....D. C. Hickson

Commercial Sales Mgr.....H. N. Willets

PRODUCTS: AM and FM radio broadcasting transmitters and speech input equipment; aviation, marine, police radio transmitters and receivers; sound distribution systems; hearing aids and audiometers; microphones, loudspeakers and allied items; sound measuring equipment; vacuum tubes; thermistors; fastax camera; telephone apparatus and cable; carrier telephone equipment and train dispatching apparatus.

**Westinghouse Electric & Mfg. Co.**

Radio Division

2519 Wilkens Ave., Baltimore 3, Md.

Phone EDmondson 2300

Lamp Division

MacArthur Ave., Bloomfield, N. J.

Phone: BLOomfield 2-2200

President.....George H. Bucher

Vice-President.....Walter Evans

Asst. to Vice-pres.....Walter E. Benoit

Mgr., Radio Transmitter Div.....C. J. Burnside

Sales Mgr., Radio Transmitter

Division.....C. W. Miller

Engr. Mgr., Radio Transmitter

Division.....R. N. Harmon

Mgr., Radio Receiver Div.....H. B. Donley

Asst. Mgr., Radio Receiver Div.

H. W. Schaefer

Purchasing Agent, Radio Div.....C. W. Lutz

Mgr., Lamp Division.....R. C. Stuart

Sales Mgr., Electronic Tubes.....A. Frankel

Eng., Mgr., Electronic Tubes.....D. D. Knowles

Purchasing Agent, Lamp Div.....A. Clohosey

BRANCH OFFICES: In all principal cities.

\*PRODUCTS: Commercial broadcast transmitters, radio receivers, all types of radio transmitters and receiver equipment for military and industrial purposes, and radio tubes.

**Zenith Radio Corp.**

6001 Dickens Ave., Chicago, Ill.

Phone: BERkshire 7500

President-General Mgr...E. F. McDonald, Jr.

Executive Vice-President & Treasurer,

Hugh Robertson

Vice-President & Director of Sales,

J. J. Nance

PRODUCTS: Receiving sets, radio-phonograph combinations, FM receiving sets, television receiving sets, record-players.

# FREQUENCY MODULATION



*Progress of FM During 1944*

•

*F M B I*

•

*FM News Highlights*

•

*Proposed Allocations*

•

*High Frequency Stations*

•

*Commercial*

•

*Pending Applications*

•

*Developmental Stations*

# REL is Ready

## FOR A FUTURE — BUILT UPON A PAST OF ACCOMPLISHMENTS

REL has long been the leader in the development of fine FM Broadcast Equipment employing the Armstrong Crystal Controlled Phase Shift System of Modulation. The record speaks for itself! Numerous REL FM stations—1 KW to 50 KW—have been in continuous, successful operation over a period of years.

### REL pioneering has resulted in some vitally important "FIRSTS" in FM...

**FIRST**

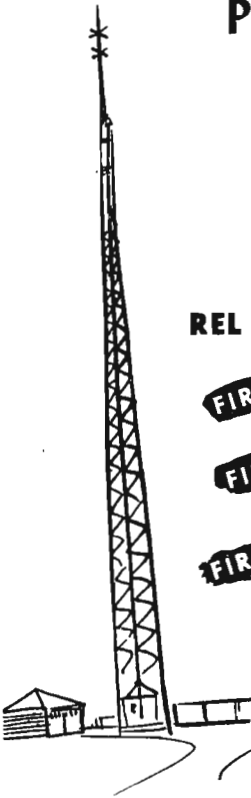
(and only one) to ever successfully install a 50 KW. FM transmitter. Four of ours are operating daily and have been since 1941.

**FIRST**

to develop and install a studio to transmitter radio relay.

**FIRST**

to develop and install transmitter to transmitter radio relay, thereby making possible the FM networks.



Our pre-war successes have been the result of specialization in FM installations. FM is not an REL sideline . . . it is the actual basis of our operations! Our staff of engineers have unique experience . . . experience that enables them to plan and carry through the most difficult FM installations . . . experience that assures REL of a tremendous future in FM. The groundwork—the pioneering—is complete! We are ready to reassume our major role in FM broadcasting as soon as conditions permit.

**RADIO ENGINEERING LABS., INC.,  
LONG ISLAND CITY, N. Y.**

# FM NEWS HIGHLIGHTS—1944

From RADIO DAILY

*Increasing interest in frequency modulation broadcasting is indicated in an appraisal of the FM news carried in RADIO DAILY during the past year. Following pages chronologically record the highlights of the year's FM news developments.*

## JANUARY

- Jan. 19—Application for an FM station was filed with the FCC today by the New York "Times." This application, coming right after the FCC sanctioned the ownership of radio stations by newspapers, indicated the matter had been under consideration for some time.
- Jan. 24—NBC issued a statement to the effect that the network had investigated the possibilities of FM from every angle.
- Jan. 26—The fifth annual meeting of the FM Broadcasters Inc. opened today at the Hotel Commodore in New York City, with record attendance indicated.
- Jan. 27—James Lawrence Fly, head of the FCC, commends FM and the FMBI. Addressing a luncheon gathering of more than 600, he declared that FM "stands on the threshold of tremendous developments." He also brought a letter of greeting from President Roosevelt.

## FEBRUARY

- Feb. 7—FM programming was expanded by CBS over WABC-FM with the announcement that the New York Philharmonic Symphony and the Philadelphia Orchestra will henceforth be heard as a regular feature.
- Feb. 9—Phamplets are to be released shortly by the Office of Education entitled "FM for Education." They are for the purpose of disclosing to the public the post war plans for the FM channels reserved for education.
- Feb. 16—Seventeen out of the 77 FM applications pending with the FCC at the start of this week were from newspapers, a study of the list indicates.
- Feb. 24—Applications were filed with the FCC today for 5 FM stations by the National Broadcasting Company. Two FM applications by NBC are already pending.

## MARCH

- March 17—An FM station to carry on "research to foster the development" of that type of broadcasting will be built in the Capital area, with its transmitter located at Olney, Maryland, according to Columbia University's department of public information, which further states that the new station will be a replica of Major Armstrong's outlet at Alpine, N. J.
- March 21—Full expansion into both the field of FM and that of television by the Blue web, was forecast by Mark Woods, president, in an address to 47 departmental heads at a recent managerial meeting held at the Waldorf-Astoria hotel. Woods also revealed that applications for several FM stations have been filed.

## APRIL

- April 13—According to the files of the FCC, applications for FM stations have been more than triple the number of applications for AM stations during the first three months of the year.
- April 18—A recent survey in the New York and Metropolitan area to determine what makes people listen to FM reveals that about 18 per cent desire the better reception on classical music, while another 11 per cent like the fact that there is less advertising and commercials on FM programs.
- April 25—Growing interest of the nation's newspaper publishers and editors in postwar FM and television was indicated at the convention of the American Newspaper Publishers Association which opened yesterday at the Waldorf-Astoria.
- April 26—FM broadcasting will replace AM broadcasting entirely within eight to ten years after transmitters and receiving sets are made available to the general public, according to a prediction by Walter J. Damm, president of FM Broadcasters, Inc., at the final session of the American Newspapers association convention, yesterday.

## MAY

- May 12—The practical use of tele will be delayed at least five years in favor of the further development of FM, was the theory advanced by Edward W. Wood, Jr., general sales manager of Mutual, in a speech made this week before members of the New Orleans Advertising Club.
- May 23—A discussion of FM and tele will be included on the agenda of the spring meeting of the CBS Affiliates Advisory Board which will be held at the network's headquarters in New York City May 24th and 25th.
- May 24—Yesterday the FCC questioned all national and regional networks in regard to their policy on net shows for FM. Full replies of present policies and future plans were asked for by the commission in an effort to determine how closely the FM program will adhere to the AM program line. The survey was inspired by recent NBC and CBS contracts with their affiliates, to wit: stations having FM outlets could carry net FM shows free of charge providing the AM outlet also carried the show.
- May 26—Arrangements have been completed between the Mexican government and that of the United States to present the new uses of FM in a special exhibit in Mexico City from June 1 to the 8th. It was indicated that FM provides the solution to the Mexican Ministry of Education's problem of carrying their education program into the sparsely settled mountain areas.

## JUNE

- June 1—Raymond F. Guy, NBC radio Facilities Engineer, addressed the Institute of Radio Engineers in Indianapolis recently on the merits of FM. Stressing the greater value of FM as compared with AM broadcasting, he demonstrated his talk with records made in the field, mainly in the higher frequencies, and brought out the ability of FM to reject interfering signals on the same frequencies.
- June 9—In a detailed technical report released today, the FCC sought to explain the cause of the "bursts" they have on many occasions recorded. They are at present unable to define the cause, but the report gives much data on the rate of occurrence, etc. A "burst" is a sudden increase in signal strength of very short duration, and is frequently noted on sets from 300 to 700 miles from the transmitter, those nearer being protected by the steady groundwave, and those further away, for some reason, not being strongly affected.
- June 15—A new map issued recently by the FM Broadcasters Association reveals that there are 44 FM stations now in operation in 36 states, and at the present time there are 163 applications pending with the FCC in

Washington. It is estimated that the applicants may spend over \$10,000,000 for equipment.

## JULY

- July 3—Three new applications were filed with the FCC yesterday, all from standard broadcasters. The applicants are KTRH, Houston, Texas; WBIG, Greensboro, N. C.; and WFCL, Pawtucket, R. I.
- July 18—The Winston-Salem, N. C., high schools with the cooperation of WMIT, North Carolina's pioneer FM station, have proposed a plan for use of FM stations for educational purposes throughout the state in the post war period. As an experiment, four speakers have been installed by WMIT in four of the leading high schools, and the station's staff is working with the school board to create special programs in various educational fields, which will be fed directly to the schools.
- July 19—An announcement by the FCC reveals that the commission plans to carefully scan all future requests for FM stations for educational purposes with a view to state educational plans. This survey results from the great interest shown in the proper use of the five FM bands set aside for educational purposes.
- July 27—The Trans-Canada Air Lines has taken a step which may be a forerunner for all commercial air lines, by installing complete two-way FM equipment at their various airports and travel bureaus. The aim is to speed up communications regarding tickets, reservations, etc., as much as possible. The new equipment is of ultra high frequency, and is the first such equipment to be installed either in Canada or in the United States.
- July 31—Wide distribution to the public is planned for the forthcoming FM book being published jointly by the FM Broadcasters, Inc., and manufacturers of FM equipment. In order to insure as wide a distribution as possible, the FMBI has issued an initial print order of 200,000, with the equipment companies expected to raise the number considerably.

## AUGUST

- Aug. 24—Post-war planning in the field of FM broadcasting will come up for discussion at the final session of the NAB convention, Thursday, Aug. 31. Because of the rapidly growing interest in this field, the NAB officials announced that the entire afternoon would be turned over to this subject.
- Aug. 30—"One of the most fundamental problems of all Blue Network affiliates at the present time is FM broadcasting." This was the statement made by Mark Woods, president of the Blue web, before a group of

network affiliate managers at the NAB convention. Predicting great post war expansion of that type of broadcasting, Woods said that there would be 20,000,000 sets in operation within four years after the war. The change from AM to FM will be gradual, and will take from 5 to 10 years. In view of these facts, Wood urged all Blue affiliated stations to make immediate application with the FCC for FM outlets.

### **SEPTEMBER**

Sept. 7—In order to increase WOR's news services, WBAM, WOR's FM outlet, will extend their broadcast schedule to seven days a week, Alfred J. McCosker, president, announced yesterday.

Sept. 11—The FCC announced Friday that it is preparing its own FM station, a portable affair in a trailer, which should be ready for operations next week. The outfit will be used to gather information in and around Washington for use in the coming frequency allocations hearings to be held here at the end of the month. The new station's call letters will be W3XFC, and it will operate variously on from 42 to 50 megacycles, both wide and narrow bands.

Sept. 22—Operating under newly assigned call letters, WEAJ-FM, NBC's FM outlet in New York City, begins operations Sunday on a seven-day-a-week basis. The FM station will carry, wherever possible, regular NBC commercial shows, including the commercials, free of charge.

Sept. 26—The importance of the need for the Blue network to look into the field of FM broadcasting and to catch up with the other webs in this phase of electronics was stressed by Edgar Kobak, executive vice president of the web, at a luncheon for the press in the lounge of the Waldorf-Astoria yesterday.

### **OCTOBER**

Oct. 2—A settlement of the differences of opinion between FM and tele interests was reached Friday at the FCC allocations hearings. After various conflicting claims and other disputes were ironed out, the FM bands decided upon were from 41 to 43 megacycles for educational and other non-commercial FM outlets, and from 43 to 56 megacycles for commercial FM. These results are not final, however, and the matter will come under further discussion.

Oct. 13—Lengthy questioning concerning the anticipated post war construction of FM receiving sets at the FCC allocations hearing

today lent added weight to the impression that FM service may eventually be moved up to about 90 megacycles with room for 100 or more 200-kilocycle channels.

Oct. 17—In a poll conducted by General Electric, post war purchase lists include an FM receiving set at least nine times out of ten, according to the replies turned in by 16,635 GE stockholders, and 1,538 dealers.

Oct. 23—Trend of the testimony given at the FCC's frequency allocation hearing today showed no desire on the part of FM broadcasters to move up the spectrum, apparently upsetting plans of the commission to move the service up.

### **NOVEMBER**

Nov. 3—William B. Lewis, vice-president and radio director of Kenyon & Eckhardt predicted the formation of a fifth major network to be FM and press-owned. At the same time he intimated that the present four major AM nets would eventually transform themselves into FM webs.

Nov. 6—J. Harold Ryan wrote a letter to the FCC opposing the proposed FM subscription plan, stating that it would be inadvisable to "sacrifice" our present broadcasting industry for what is, in effect, a "multiple address system." Ryan also stated that radio had served the public well, and planned further expansion in the future.

Nov. 22—CBS began their new improved FM service today when they put into operation their new 800 foot antenna located on the roof of 500 Fifth Ave. The new antenna has three kilowatts and extends the broadcasting radius from less than 50 miles to about 60 miles.

### **DECEMBER**

Dec. 8—It is anticipated that the subject of Mutual's future expansion into the field of FM broadcasting will come up for extensive discussion tomorrow at the web's board of directors meeting at the Ambassador Hotel. This is regarded as most likely, due to Ed Kobak's, Mutual's new president, well-known interest in FM.

Dec. 14—Walter J. Damm, general manager of WTMJ, Milwaukee, and president of the FM Broadcasters, Inc., in New York this week for radio conferences, revealed that the total applications for FM stations had reached 310, and that the industry was very optimistic about the post-war market.

# FM ALLOCATION PROPOSALS

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*AT THE Allocation Hearings held before the FCC and prior to the one held late in February of this year, it was decided that existing FM stations would not be required to move upward until new receivers capable of tuning in the new wave lengths are generally available.*

*According to the FCC the cost to the public "would not be great" and that the present 500,000 FM sets are mostly combination sets capable of receiving both AM and FM. These, said the Commission, are several years old and some of them could be converted. In any event, the FCC stated, the existing receivers or attachments would become partially obsolete if the recommendations of the FM industry to widen the band were followed. Cost of remodeling FM transmitters would not be substantial, the FCC held.*

*Disputing the FCC findings along this line and the frequency swap believed to benefit television out of proportion to that received by FM, the FM interests marshalled their forces at the latter hearing. After explanatory remarks on the status of FM as brought up at the original hearings, the FCC issued the following re Temporary Allocations For FM Stations:*

## **FM Temporary Allocations**

"The Commission is desirous of establishing FM in its new place in the spectrum as soon as possible in order that the 42 to 50 mc. band can be made available for use by other services which are being assigned to these frequencies. It is recognized, however, that very few receivers for reception in the proposed 84 to 102 mc. band will be available for some time after materials and manpower become available for this purpose. Accordingly, existing FM stations will not be required to move to new assignments in this band until such time as new receivers are generally available and in the hands of the public. At that time, the Commission will assign a frequency in the 84 to 102 mc. band to each existing licensee who will then be expected within a reasonable period of time to make the necessary arrangements for operation on the newly assigned frequency. It is believed this procedure will great facilitate

the transition of FM stations to their new location.

"As pointed out in Section 10 on television 44 to 50 mc. will be assigned as the first television channel. Accordingly, in order that this space may become immediately available for use by television broadcasters, existing FM licensees will be given new assignments within the 42 to 44 megacycle band to operate on such channels until, as stated above, they are moved to a higher frequency in the 84 to 102 mc. region. No hardship should result from this change since existing FM sets are capable of receiving in this range which is already part of the FM band. In the congested areas sharing time may be required temporarily. This will permit change over of frequency of one transmitter to the new frequencies while maintaining operation on the lower frequencies.



## Economic Factors

"The cost to the public as a result of moving FM from its present band to the proposed higher band will not be great. There was testimony that approximately 500,000 FM receivers are now in the hands of the public consisting principally of combination sets capable of receiving both AM and FM. (Damm, Tr. 1047). These sets are, of course, several years old.

"Even if the present FM band were retained, these receivers would become partially obsolete insofar as FM reception is concerned since an expansion of the existing 42 to 50 mc. band would place a number of stations out of range. In some cases, old FM receivers can be converted for reception on the higher frequencies. Moreover, present AM receivers can include FM detachments which will not be appreciably more costly in the 84 to 102 mc. band than in the present band (Cotter, Tr. 1107).

"Insofar as transmitting equipment is concerned, the shift to the higher frequencies will not cause a substantial loss to the respective licensees in that a large part of the existing investment will not be affected, such as buildings, towers, power equipment, which will remain unchanged. Also, most of the transmitting

equipment can be modified to operate on the higher frequencies without unreasonable cost."

In connection with issuing the temporary allocations, the Commission said in part ". . . the large percentage of AM licensees among the present FM applicants and the economic advantage which AM licensees have in building and operating FM stations more cheaply raise serious questions as to whether, unless some special measures are taken to that end, this objective will be accomplished. The Commission recognizes that until a substantial number of receivers are in the hands of the public, FM broadcasting will not be a self-supporting operation.

"To keep the door open for later applicants, the Commission is considering the adoption of the following plan: 50 FM commercial channels will be available for assignment both to present licensees and to newcomers in the radio field. This policy will afford existing AM licensees an opportunity to enter FM if they so desire, and in addition will enable some new persons to participate in FM's early development. The remaining 20 FM commercial channels will be reserved from assignment at the present time to be licensed in the future in accordance with rules and regulations subsequently to be promulgated."

**FOR QUALITY  
AP !**

# HIGH FREQUENCY—FREQUENCY MODULATION BROADCAST STATIONS

*Section 37-48 lists 53 licensees or permittees and 232 Applicants for new facilities as of January 1, 1945, giving frequencies assigned or requested, coverage and population data furnished with applications filed with the FCC.*

## COMMERCIAL

State and City	Call Letters	Licensee or Permittee	Frequency (megs.)	Coverage (sq. mi.)	Population
<b>CALIFORNIA</b>					
Los Angeles	KHJ-FM	Don Lee Broadcasting System	44.5	6,944	2,604,104
Los Angeles	KTLO	M-G-M Studios	46.1	7,000	468,178
<b>CONNECTICUT</b>					
Hartford	WTIC-FM	The Travelers B/C Service Corp.	45.3	6,100	936,448
Hartford	WDRG-FM	WDRG, Incorporated	46.5	6,100	1,337,805
<b>ILLINOIS</b>					
Chicago	WBBM-FM	Columbia Broadcasting System	46.7	10,800	6,431,310
Chicago	WDLM	Moody Bible Institute of Chicago	47.5	10,800	5,091,500
Chicago	WGNB	WGN, Incorporated	45.9	10,800	5,359,556
Chicago	WEHS	WHFC, Incorporated	48.3	10,800	5,036,000
Chicago	WWZR	Zenith Radio Corporation	45.1	10,800	4,500,204
<b>INDIANA</b>					
Evansville	WMLL	Evansville On The Air, Inc.	44.5	8,397	465,600
Fort Wayne	WOWO-FM	Westinghouse Radio Stations, Inc.	44.9	6,100	420,168
Indianapolis*	WABW	Associated Broadcasters, Inc.	47.3	8,400	870,054
South Bend	WSBF	South Bend Tribune	47.1	4,300	448,330
<b>LOUISIANA</b>					
Baton Rouge	WBRL	Baton Rouge Broadcasting Co.	44.5	8,100	361,382
<b>MASSACHUSETTS</b>					
Boston	WBZ-FM	Westinghouse Radio Stations, Inc.	46.7	6,700	3,389,751
Boston	WMTW	The Yankee Network, Inc.	43.9	31,000	2,020,162
Boston	WGTR	The Yankee Network, Inc.	44.3	19,230	6,635,751
Springfield	WBZA-FM	Westinghouse Radio Stations, Inc.	48.1	2,500	.....
Worcester	WTAG-FM	Worcester Telegram Pub. Co.	46.1	4,465	2,703,202
<b>MICHIGAN</b>					
Detroit	WLOU	John Lord Booth	44.9	6,732	2,901,908
Detroit	WENA	Evening News Association	44.5	6,820	2,498,000
<b>MISSOURI</b>					
Kansas City	KOZY	Commercial Radio Equipment Co.	44.9	4,410	730,869
Kansas City	KMBC-FM	Midland Broadcasting Company	46.5	6,700	.....
<b>NEW JERSEY</b>					
Alpine	WFMN	Edwin H. Armstrong	43.1	15,610	.....
West Orange*	WAAW	Bremer Broadcasting Corporation	49.5	6,200	10,906,200
<b>NEW YORK</b>					
Binghamton	WNBF-FM	Wylie B. Jones Adv. Agency	44.9	6,500	1,836,300
New York	WBAM	Bamberger Broadcasting Service	47.1	8,500	10,906,200
New York	WNYC-FM	City of New York Municipal Broadcasting System	43.9	3,900	11,550,274
New York	WABC-FM	Columbia Broadcasting System	46.7	14,150	14,954,832
New York	WQXQ	Interstate Broadcasting Co., Inc.	45.9	8,500	10,817,455
New York	WHNF	Marcus Loew Booking Agency	46.3	8,500	12,074,192
New York		Metropolitan Television, Inc.	47.5	8,500	11,814,746

## PENDING FM APPLICATIONS

State and City	Call Letters	Licensee or Permittee	Frequency (megs.)	Coverage (sq. mi.)	Population
New York	WGYN	Muzak Radio Broadcasting Station, Inc.	44.7	8,500	10,546,481
New York	WEAF-FM	National Broadcasting Co., Inc.	45.1	8,500	11,896,500
New York*	WFGG	Wm. G. H. Finch	45.5	8,500	10,600,000
Rochester	WHFM	Stromberg-Carlson Company	45.1	3,200	584,800
Rochester	WHEF	WHEC, Incorporated	44.7	3,200	599,256
Schenectady	WBCA	Capitol Broadcasting Co., Inc.	44.7	6,589	967,733
Schenectady	WGFM	General Electric Company	48.5	6,600	502,200
<b>NORTH CAROLINA</b>					
Winston-Salem	WMIT	Gordon Gray	44.1	69,400	4,125,000
<b>OHIO</b>					
Columbus	WELD	WBNS, Incorporated	44.5	12,400	1,104,642
<b>PENNSYLVANIA</b>					
Philadelphia	WPEN-FM	Wm. Penn Broadcasting Company	47.3	9,352	3,906,453
Philadelphia	WIP-FM	Pennsylvania Broadcasting Co.	44.7	9,300	4,474,940
Philadelphia*	WLBG	Seaboard Radio Broadcasting Co.	46.5	9,300	3,900,000
Philadelphia	WCAU-FM	WCAU Broadcasting Company	46.7	9,300	5,079,206
Philadelphia	KYW-FM	Westinghouse Radio Stations, Inc.	45.7	9,300	4,088,000
Philadelphia	WFIL-FM	WFIL Broadcasting Company	45.3	9,300	4,760,200
Pittsburgh	KDKA-FM	Westinghouse Radio Stations, Inc.	47.5	8,400	2,940,000
Pittsburgh	WTNT	WWSW, Incorporated	44.7	8,400	2,100,000
<b>TENNESSEE</b>					
Nashville	WSM-FM	National Life & Accident Insurance Company	44.7	16,000	857,270
<b>UTAH</b>					
Salt Lake City	KSL-FM	Radio Service Corp. of Utah	44.7	623	194,102
<b>WISCONSIN</b>					
Milwaukee	WMFM	The Journal Company	45.5	8,540	1,522,544
Superior	WDUL	Head of the Lakes Broadcasting Company	44.5	407	130,376

\* CP only.

## PENDING APPLICATIONS FOR FM STATIONS

State and City	Applicant	Frequency (megs.)	Coverage (sq. mi.)	Population
<b>ALABAMA</b>				
Birmingham	The Birmingham News Co.	44.5	17,700	.....
Birmingham	Birmingham B/C Co., Inc.	46.9	18,580	1,203,175
Birmingham	Voice of Alabama, Inc.	45.9	17,200	1,206,981
Huntsville	The Huntsville Times	48.9	12,900	.....
Mobile	Pape B/C Company	46.1	10,000	.....
Montgomery	G. W. Covington, Jr.	45.5	4,761	.....
Montgomery	Montgomery B/C Co., Inc.	43.5	17,299	722,782
<b>CALIFORNIA</b>				
Alameda	Times-Star Publishing Co.	49.1	5,450	.....
Avalon	The Santa Catalina Island Co.	43.7	34,500	3,420,002
Fresno	J. E. Rodman	44.1	24,752	578,105
Hollywood	Columbia B/C System, Inc.	43.1	34,000	3,420,002
Hollywood	Warner Bros. B/C Corp.	44.9	3,118	2,487,874
Los Angeles	Earle C. Anthony, Inc.	43.7	34,000	3,597,000
Los Angeles	Blue Network Co., Inc.	43.1	21,024	3,320,125
Los Angeles	Consolidated B/C Corp., Ltd.	45.7	7,000	3,053,991
Los Angeles	National Broadcasting Co.	44.1	.....	.....
Los Angeles	IUUAAA Workers of America	43.9	32,000	.....
Los Angeles	Standard Broadcasting Co.	45.3	7,000	3,074,303
Los Angeles	The Times-Mirror Co.	43.3	15,857	.....

<i>State and City</i>	<i>Applicant</i>	<i>Fre- quency (megs.)</i>	<i>Cover- age (sq. mi.)</i>	<i>Population</i>
Oakland	Tribune Building Company	46.5	1,216	1,350,000
Ontario	The Daily Report	49.9	2,240	.....
Richmond	B/C Corp. of America	43.5	48,000	4,300,000 (50 uv/m)
Riverside	Contra Costa B/C Co.	49.5	4,490	23,642
San Bernardino	Sun Co. of San Bernardino	44.1	17,101	803,534
San Diego	Union Tribune Pub. Co.	45.5	5,000	203,341
San Diego	Airfan Radio Corp., Ltd.	44.7	950	203,341
San Francisco	Associated B'casters, Inc.	43.1	.....	.....
San Francisco	Blue Network Co., Inc.	44.3	27,500	2,423,926
San Francisco	Don Lee B/C System	43.5	18,050	1,098,612
San Francisco	KJBS Broadcasters	44.7	7,557	2,891,687
San Francisco	National B/C Company	43.9	.....	.....
Stockton	E. F. Peffer	45.9	19,696	287,486 (50 uv/m)
<b>COLORADO</b>				
Colorado Springs	Out West B/C Co.	47.7	2,950	.....
Denver	KLZ Broadcasting Company	43.5	31,400	.....
Denver	National B/C Co., Inc.	43.9	.....	.....
<b>CONNECTICUT</b>				
Hartford	The Hartford Times, Inc.	43.7	21,900	3,840,166
New London	Thames B/C Corp.	44.5	3,500	.....
Waterbury	Harold Thomas	43.3	14,300	2,830,148
<b>DELAWARE</b>				
Wilmington	WDEL, Inc.	44.5	6,400	.....
<b>DISTRICT OF COLUMBIA</b>				
Washington	Capital B/C Company	46.7	8,020	.....
Washington	The Evening Star B/C Co.	47.1	5,600	899,946
Washington	Marcus Loew Booking Agency	47.5	3,993	1,187,012
Washington	The Times Herald	46.3	.....	.....
Washington	National B/C Company	44.3	.....	.....
<b>FLORIDA</b>				
Daytona Beach	The News Journal Corp.	49.1	3,000	.....
Jacksonville	Florida B/C Company	44.7	11,700	.....
Jacksonville	The Metropolis Co.	46.5	10,981	467,883
Miami	Miami B/C Co.	46.5	3,630	.....
Tampa	Tampa Times Company	45.3	8,100	.....
Tampa	The Tribune Company	.....	.....	.....
<b>GEORGIA</b>				
Atlanta	The Constitution Pub. Co.	45.3	7,380	826,864
Macon	Southeastern B/C Co.	44.7	12,600	.....
Macon	Macon Telegraph Pub. Co.	46.7	12,000	57,865 (Macon only)
Macon	Middle Georgia B/C Co.	45.7	12,600	589,140
<b>IDAHO</b>				
Boise	Boise B/C Station	48.5	1,148	82,830
<b>ILLINOIS</b>				
Bloomington	Radio Station WJBC	45.3	6,680	316,339
Champaign	Champaign News-Gazette, Inc.	49.1	4,660	.....
Chicago	Agricultural B/C Co.	44.7	10,624	4,842,528
Chicago	Blue Network Co., Inc.	48.7	11,000	5,045,240
Chicago	Chicago Fed. of Labor	47.9	10,800	4,849,461
Chicago	Drovers Journal Pub. Co.	48.7	10,800	.....
Chicago	IUWAAA Workers of America	43.5	14,600	.....
Chicago	National B/C Co., Inc.	46.3	10,800	4,869,900
Chicago	Oak Park Realty Co.	47.9	10,800	.....
Chicago	WEHS, Inc.	48.3	10,800	.....
Chicago	WJJD, Inc.	44.7	10,800	4,750,000
Decatur	Commodore B/C, Inc.	46.5	15,708	879,355
Herrin	Orville W. Lyerla	49.1	3,966	.....
Peoria	Peoria Broadcasting Co.	48.7	11,614	598,367

• • • **PENDING FM APPLICATIONS** • • •

<i>State and City</i>	<i>Applicant</i>	<i>Fre- quency (megs.)</i>	<i>Cover- age (sq. mi.)</i>	<i>Population</i>
Quincy	Illinois B/C Corp.	44.1	15,300	.....
Quincy	Quincy Newspapers, Inc.	47.3	16,760	.....
Rockford	Rockford Broadcasters, Inc.	47.1	3,900	394,500
Rock Island	Rock Island B/C Co.	44.5	3,000	316,000
Springfield	Commodore B/C, Inc.	46.9	8,050	404,661
Springfield	WCBS, Incorporated	46.1	11,594	650,218
Waukegan	Keystone Printing Service	47.1	2,890	527,798
<b>INDIANA</b>				
Evansville	Evansville On The Air	44.3	29,688	.....
Fort Wayne	Farnsworth Television & Radio Corp.	46.1	8,500	118,410
Hammond	Radio Station WJOB	49.9	2,241	691,853
Hammond	WFAM, Incorporated	49.7	.....	.....
Indianapolis	Capitol B/C Corp.	48.7	14,120	1,417,204
Indianapolis	Indianapolis B/C, Inc.	45.3	13,640	1,017,471
Indianapolis	Scripps Howard Radio, Inc.	46.9	8,400	386,972
Muncie	Donald A. Burton	46.5	9,600	1,108,084
Shelbyville	Shelbyville Radio, Inc.	46.1	3,730	243,136
Terre Haute	Banks of the Wabash, Inc.	48.7	7,440	415,999
<b>IOWA</b>				
Cedar Rapids	The Gazette Company	44.7	7,400	282,000
				(50 uv/m)
Davenport	Tri-City Broadcasting Co.	46.3	10,600	.....
	Central Broadcasting Co.	46.1	18,200	.....
Dubuque	Telegraph Herald	46.5	8,060	300,250
Waterloo	Josh Higgins B/C Co.	44.3	26,943	1,354,523
<b>KANSAS</b>				
Hutchinson	Hutchinson Pub. Co.	43.3	15,200	332,500
Topeka	Topeka B/C Assn. Co.	45.5	4,804	191,299
Wichita	The Farmers & Bankers B/C Corp.	47.3	15,600	427,729
<b>KENTUCKY</b>				
Ashland	Ashland B/C Company	46.1	4,160	398,692
				(50 uv/m)
Lexington	American B/C Corp. of Ky.	45.1	6,300	391,742
Louisville	WAVE, Inc.	46.9	13,300	.....
Louisville	Courier-Journal & Louisville Times Co.	45.7	13,200	1,004,320
Louisville	Northside B/C Corp.	46.3	8,665	750,125
				(800,716 based latest fig.)
Owensboro	Owensboro B/C Co., Inc.	47.9	7,250	.....
<b>LOUISIANA</b>				
New Orleans	The Times-Picayune Pub. Co.	44.3	.....	.....
New Orleans	Loyola University	44.9	8,478	815,078
<b>MAINE</b>				
Augusta	Gannett Pub. Co.	49.1	3,968	161,003
Portland	Portland B/C System, Inc.	47.1	3,980	359,687
<b>MARYLAND</b>				
Baltimore	The A. S. Abell Co.	46.3	6,040	1,810,159
				(50 uv/m)
Baltimore	Baltimore B/C Corp.	48.3	3,600	1,343,000
Baltimore	The Baltimore Radio Show, Inc.	45.9	5,500	1,393,884
Baltimore	Hearst Radio, Inc.	43.7	8,857.6	2,383,494
				(50 uv/m)
Baltimore	Maryland B/C Company	48.9	2,904	1,209,745
Baltimore	The Monumental Radio Co.	47.9	4,520	1,365,000
Olney	FM Development Foundation	43.9	18,844	2,956,668
Salisbury	The Peninsula B/C Co.	48.9	6,000	.....

State and City	Applicant	Pre- quency (megs.)	Cover- age (sq. mi.)	Population
<b>MASSACHUSETTS</b>				
Boston	Columbia B/C System, Inc.	43.5	20,200	5,972,246
Boston				(50 uv/m)
Boston	Fidelity B/C Corp.	47.1	4,830	.....
Boston	Filene's Television, Inc.	43.1	21,709	5,597,460
Brookline	Matheson Radio Co., Inc.	47.7	3,600	2,557,000
Fall River	Worcester Telegram Pub. Co.	45.3	7,000	.....
Greenfield	Doughty & Welch Elec. Co., Inc.	47.3	2,120	1,000,000
Holyoke	John W. Haigis	49.9	3,556	225,186
Lawrence	The Hampden-Hampshire Corp.	44.1	14,340	1,825,597
New Bedford	Hildreth & Rogers Company	44.9	2,970	651,000
(Paxton)	E. Anthony & Sons	43.3	19,650	4,779,600
New Bedford	E. Anthony & Sons, Inc.	45.7	18,100	350,240
Pittsfield	Eagle Publishing Co.	46.3	10,061	861,457
Pittsfield	Monroe B. England	45.7	7,000	.....
Waltham	Raytheon Mfg. Co.	45.5	6,530	.....
Worcester				
(Paxton)	Worcester Telegram Pub. Co.	43.5	20,437	6,038,500
<b>MICHIGAN</b>				
Bay City	Bay B/C Company, Inc.	46.1	8,157	333,995
Ann Arbor	Washtenaw B/C Co.	46.3	3,472	430,136
Battle Creek	Federated Publications, Inc.	48.1	4,100	278,739
				(50 uv/m)
Benton Harbor	The Palladium Pub. Co.	46.1	1,825	98,000
Dearborn	Herman Radner	49.5	.....	.....
Detroit	James F. Hopkins, Inc.	46.5	6,790	2,133,811
				(50 uv/m)
Detroit	IUUAAA Workers of America	43.1	22,750	.....
Detroit	King-Trendle B/C Corp.	47.3	6,750	2,564,008
Detroit	WJR, The Goodwill Station	45.3	6,800	2,480,714
Flint	IUUAAA Workers of America	45.9	8,045	.....
Grand Rapids	Fetzer B/C Company	43.9	18,250	1,297,437
Grand Rapids	King-Trendle B/C Corp.	46.9	5,300	493,842
Grand Rapids	Leonard A. Versluis	46.1	6,460	546,100
Jackson	WIBM, Incorporated	49.5	.....	.....
Lansing	WJIM, Incorporated	47.7	3,800	280,296
Muskegon	Ashbacker Radio Corp.	45.7	2,290	191,845
Port Huron	The Times Herald Co.	47.7	5,600	434,000
Saginaw	Saginaw B/C Company	45.5	2,100	.....
Wyandotte	Wyandotte News Co.	46.1	775	267,333
<b>MINNESOTA</b>				
Minneapolis	Minnesota B/C Corp.	45.3	16,155	1,433,063
Rochester	Southern Minnesota B/C Co.	43.7	15,400	.....
St. Paul	WMIN Broadcasting Co.	45.7	13,273	195,394
<b>MISSOURI</b>				
Kansas City	WHB Broadcasting Co.	46.9	9,200	.....
Kansas City	Kansas City Star	44.5	26,400	1,387,576
Kansas City	Midland B/C Company	43.9	.....	.....
St. Joseph	KFEQ, Incorporated	46.9	.....	.....
St. Louis	Columbia B/C System, Inc.	45.9	13,400	1,871,398
St. Louis	Globe-Democrat Pub. Co.	46.3	13,083	1,858,665
St. Louis	Missouri Broadcasting Co.	46.7	13,200	1,799,870
St. Louis	Thomas Patrick, Inc.	47.7	17,480	.....
	The Pulitzer Pub. Co.	45.5	13,391	1,531,182
St. Louis				(50 uv/m)
St. Louis	St. Louis University	45.1	13,000	1,682,500
St. Louis	Star-Times Pub. Co.	44.7	12,480	1,748,733
				(50 uv/m)
<b>NEBRASKA</b>				
Lincoln	Cornbelt B/C Corp.	47.3	18,300	549,668
Omaha	Inland B/C Company	44.5	9,950	93,846
Omaha	World Publishing Company	45.5	11,660	1,062,000

**P E N D I N G   F M   A P P L I C A T I O N S**

State and City	Applicant	Fre- quency (megs.)	Cover- age (sq. mi.)	Population
<b>NEVADA</b>				
Las Vegas	Nevada B/C Company	49.5	560	28,172 (plus 10,000 military pers.)
Reno	Reno Newspaper, Inc.	43.7	35,558.7	309,181
<b>NEW HAMPSHIRE</b>				
Manchester	The Radio Voice of N. H.	43.5	31,630	2,318,333
<b>NEW JERSEY</b>				
Jersey City	Fidelity Media B/C Corp.	49.1	5,160	4,199,500
Jersey City	New Jersey B/C Corp.	49.1	6,200	11,194,000
Newark	The Evening News Pub. Co.	43.5	19,861	14,192,769
Newark	IUUAAA Workers of America	43.1	18,750	.....
New Brunswick	Home News Pub. Co.	49.9	3,420	1,215,936
Passaic	The Passaic Daily News	49.9	3,878	5,915,787
Paterson	North Jersey B/C Co.	45.9	4,928	.....
Trenton	Mercer B/C Company	49.9	3,200	910,000
<b>NEW YORK</b>				
Albany	WOKO, Incorporated	45.1	7,164	922,163 (50 uv/m)
Binghamton	Wylie B. Jones Adv. Agency	43.7	6,500	.....
Buffalo	WBEN, Incorporated	43.3	21,830	2,405,500
Buffalo	WEBR, Incorporated	46.5	3,420	.....
Brooklyn	Frequency B/C Corp.	43.7	8,500	11,900,000 (50 uv/m)
Corning	The Evening Leader	49.7	5,213	319,884
<b>Hastings-on-Hudson</b>				
Hudson	Bernard Fein	48.7	8,500	12,147,260
Hornell	The W. H. Greenhow Co.	49.3	5,062	237,353
Ithaca	Cornell University	43.3	15,000	.....
Jamesstown	Carnes B/C Co., Inc.	46.1	10,352	664,907
New York	The American Network, Inc.	47.9	8,840	12,500,000
New York	Blue Network, Inc.	47.0	8,950	12,320,500
New York	Debs Memorial Radio Fund, Inc.	48.7	8,600	12,300,000
New York	Hearst Radio, Inc.	48.7	8,570	11,388,577
New York	News Syndicate Co., Inc.	47.9	8,500	11,212,416
New York	Oak Park Realty and Amusement Co. (Chicago)	47.9	10,800	5,030,510
New York	WBNX B/C Co., Inc.	48.3	8,730	11,328,743 (50 uv/m)
New York	WMCA, Incorporated	48.3	8,550	.....
Ogdensburg	St. Lawrence B/C Corp.	.....	7,854	.....
Oswego	Palladium-Times, Inc.	48.9	2,392	183,271
Poughkeepsie	Poughkeepsie Newspapers, Inc.	44.3	10,198.5	2,128,196
Syracuse	Central New York B/C Corp.	46.3	6,800	562,000
Syracuse	Onondaga Radio B/C Corp.	45.9	6,745	555,366
Syracuse	WAGE, Inc.	45.4	7,780	623,213
Utica	WIBX, Incorporated	45.7	10,290	528,069
Watertown	The Brockway Company	47.3	4,145	138,591
White Plains	Westchester B/C Corp.	49.9	435	.....
<b>NORTH CAROLINA</b>				
Durham	Durham Radio Corporation	.....	.....	.....
Greensboro	Greensboro B/C, Inc.	44.5	11,130	73,055
Greensboro	North Carolina B/C Co., Inc.	43.9	13,200	.....
Greensboro	Greensboro News Co.	45.5	5,820	452,000
High Point	Radio Station WMFR	45.1	5,030	38,493
Raleigh	WPTF Radio Company	43.3	23,343	1,406,723
Roanoke Rapids	Telecast, Inc.	49.1	5,198	319,192
Rocky Mount	Josh L. Horne	.....	7,250	25,568 (Rocky Mount only)

<i>State and City</i>	<i>Applicant</i>	<i>Fre- quency (megs.)</i>	<i>Cover- age (sq. mi.)</i>	<i>Population</i>
Salisbury .....	Piedmont B/C Corp.....	49.3	6,950	579,000
Winston-Salem ...	Piedmont Publishing Co. ....	46.7	4,600	500,684
				(50 uv/m)
<b>NORTH DAKOTA</b>				
Fargo .....	KVOX B/C Company.....	44.5	5,800	124,567
<b>OHIO</b>				
Akron .....	Summit Radio Corporation.....	46.5	922	.....
Akron .....	Nied and Stevens.....	49.1	262	140,344
Ashland .....	Beer & Koehl.....	48.9	8,494	.....
Ashtabula .....	WICA, Incorporated.....	48.9	4,116	307,254
Canton .....	The Ohio Broadcasting Co.....	46.1	8,499	951,070
Cincinnati .....	Cincinnati B/C Co.....	43.7	19,100	2,095,765
Cincinnati .....	Cincinnati Times-Star Co.....	46.7	13,700	1,496,500
Cincinnati .....	The Crosley Corp.....	45.5	13,700	.....
Cincinnati .....	L. B. Wilson, Inc.....	45.9	13,700	.....
Cincinnati .....	Scripps Howard Radio, Inc.....	47.9	13,700	455,610
Cleveland .....	National B/C Co., Inc.....	43.7	.....	.....
Cleveland .....	United B/C Company.....	48.5	8,420	2,212,953
Cleveland .....	IUUAAA Workers of America.....	43.1	17,500	.....
Cleveland .....	WGAR B/C Company.....	45.5	8,500	.....
Columbus .....	Central Ohio B/C Co.....	43.1	21,010	1,629,564
Columbus .....	The Crosley Corp.....	46.5	12,400	.....
Columbus .....	The Pixleys.....	48.5	12,500	1,022,711
Columbus .....	United B/C Company.....	48.1	12,400	.....
Dayton .....	The Crosley Corp.....	46.1	8,000	.....
Newark .....	The Advocate Printing Co.....	45.7	.....	.....
Steubenville .....	Liberty B/C Company.....	.....	.....	.....
(Pittsburgh)				
Steubenville .....	The Valley B/C Company.....	.....	.....	.....
Toledo .....	The Toledo Blade Company.....	45.5	8,400	.....
Toledo .....	Fort Industry Co.....	43.5	19,350	246,750
Wooster .....	Wooster Republican Printing Co.....	49.3	7,780	577,873
Youngstown .....	WFMJ B/C Company.....	44.1	15,610	2,987,176
Youngstown .....	WKBN B/C Corp.....	43.3	15,690	3,041,839
<b>OKLAHOMA</b>				
Lawton .....	Plaza Court B/C Co.....	.....	15,394	.....
Oklahoma City ...	Ned Shepler.....	48.9	4,500	.....
Oklahoma City ...	WKY Radiophone Company.....	44.5	21,000	.....
Tulsa .....	Fred Jones B/C Co.....	45.3	22,000	787,532
Tulsa .....	World Pub. Co. and Tulsa Tribune Co...	45.7	23,850	967,812
<b>OREGON</b>				
Medford .....	Mrs. W. J. Virgin.....	49.5	3,121	29,539
Portland .....	Broadcasters Oregon, Ltd.....	48.5	5,826	634,044
Portland .....	Oregonian Publishing Co.....	46.1	13,328	739,556
Portland .....	KOIN, Inc. ....	45.7	12,856	734,214
<b>PENNSYLVANIA</b>				
Bethlehem .....	Associated B'casters, Inc.....	48.5	2,800	.....
Harrisburg .....	Harrisburg B/C Co.....	43.5	11,548	502,989
Harrisburg .....	Keystone B/C Corp.....	44.7	4,000	.....
Harrisburg .....	The Patriot Company.....	46.1	7,633	1,045,857
Johnstown .....	WJAC, Inc.....	45.1	21,792	2,868,509
Lancaster .....	WGAL, Incorporated.....	46.5	1,200	.....
Philadelphia .....	Gibraltar Service Corp.....	46.1	9,318	3,998,402
Philadelphia .....	The Philadelphia Inquirer.....	48.1	15,500	4,697,141
Philadelphia .....	WDAS B/C Station, Inc.....	47.7	9,300	3,992,850
Pittsburgh .....	Pittsburgh Radio Supply House.....	46.5	8,400	2,095,718
Pittsburgh .....	WCAE, Incorporated.....	45.4	8,650	2,429,000
Reading .....	Hawley B/C Company.....	46.5	4,275	889,600
Scranton .....	Scranton B'casters, Inc.....	48.1	19,557	2,697,425
Sharon .....	Sharon Herald B/C Co.....	45.9	11,030	1,763,157
Uniontown .....	Fayette B/C Corp.....	48.1	10,240	1,628,338
Wilkes-Barre .....	Louis G. Baltimore.....	.....	.....	.....



• • • **PENDING FM APPLICATIONS** • • •

<i>State and City</i>	<i>Applicant</i>	<i>Fre- quency (megs.)</i>	<i>Cover- age (sq. mi.)</i>	<i>Population</i>
Williamsport	WRACK, Incorporated	47.7	11,675	1,183,934
York	Susquehanna B/C Co.	44.5	3,060	441,700
York	York Broadcasting Co.	45.1	1,550	.....
<b>RHODE ISLAND</b>				
Pawtucket	Pawtucket Broadcasting Co.	45.1	3,760	1,543,488
Providence	Cherry & Webb B/C Co.	47.5	6,207	4,230,838 (50 uv/m)
Providence	The Outlet Company	48.5	7,520	6,263,346 (50 uv/m)
Providence	Providence Journal Co.	46.6	6,767	1,272,147
Providence	A. A. Schechter	45.1	3,950	.....
<b>SOUTH CAROLINA</b>				
Charleston	Atlantic Coast B/C Company	47.7	6,400	.....
Columbia	Surety Life Ins. Co.	43.1	16,230	537,232
Greenville	Greenville News-Piedmont Co.	44.1	23,687	1,612,477
Greenwood	Grengo, Incorporated	44.7	5,305	246,397
Spartanburg	Spartanburg Adv. Co.	43.5	26,600	.....
<b>TENNESSEE</b>				
Chattanooga	WDOD B/C Corp.	47.5	23,800	1,289,993
Jackson	The Sun Publishing Co.	47.1	13,400	657,509
Knoxville	American Broadcasting Corp.	45.1	3,230	306,423
Memphis	Memphis Publishing Co.	48.1	19,640	.....
Nashville	Nashville Radio Corp.	46.5	16,000	.....
<b>TEXAS</b>				
Abilene	Reporter Broadcasting Co.	45.7	6,936	.....
Amarillo	Amarillo B/C Corp.	45.1	5,600	80,024
Austin	Frontier B/C, Inc.	47.1	12,900	.....
Beaumont	KRIC, Incorporated	43.1	6,650	.....
Dallas	A. H. Belo Corporation	43.7	22,700	.....
Dallas	KRLD Radio Corp.	45.7	20,000	.....
Galveston	KLUF B/C Co., Inc.	44.5	940	94,628
Harlingen	Harbineto B/C Co., Inc.	.....	2,400	.....
Houston	Houston Printing Corp.	46.5	10,500	722,600
Houston	KTRH Broadcasting Company	47.7	14,300	856,882
San Angelo	KGKL, Incorporated	45.3	6,936	.....
San Antonio	The Walmac Company	45.3	10,506	536,104
San Antonio	Southland Industries, Inc.	44.5	16,500	.....
Texarkana	KCMC, Incorporated	48.1	7,088	.....
Waco	Frontier B/C, Inc.	46.1	13,700	.....
Wichita Falls	Rhea Howard	46.5	12,800	.....
<b>UTAH</b>				
Salt Lake City	Intermountain B/C Corp.	46.7	800	239,079
<b>VIRGINIA</b>				
Newport News	Hampton Roads B/C Company	44.7	5,950	549,939
Norfolk	WTAR Radio Corporation	46.5	5,702	560,312
Portsmouth	Portsmouth Radio Corp.	43.7	6,000	538,659
Roanoke	Times-World Corporation	45.3	30,340	1,806,731
Richmond	Havens & Martin, Inc.	46.1	12,130	658,236
Richmond	Richmond Radio Corporation	46.3	11,269	685,440
<b>WASHINGTON</b>				
Seattle	Radio Sales Corporation	44.3	8,200	.....
Spokane	Louis Wasmer, Inc.	45.7	12,609	249,887
<b>WEST VIRGINIA</b>				
Charleston	Charleston Broadcasting Co.	43.5	11,525	.....
Morgantown	West Virginia Radio Corp.	43.5	33,244	4,000,000 (approx.)

## PENDING FM APPLICATIONS

State and City	Applicant	Fre- quency (megs.)	Cover- age (sq. mi.)	Population
<b>WISCONSIN</b>				
Green Bay	Green Bay Newspaper Co.			
Madison	Badger Broadcasting Co.	43.3	31,640	2,272,719
Milwaukee	Hearst Radio, Inc. (NY)	43.5	17,791	2,107,277
Milwaukee	The Journal Company	43.9	17,828	1,930,745
Milwaukee	Milwaukee B/C Co.	48.9	1,279	843,685
Milwaukee	Wisconsin Radio, Inc.	46.1	7,750	1,450,749
Oshkosh	Oshkosh B/C Company	44.5	3,810	285,436
Racine	Racine Broadcasting Co.	49.1	2,540	446,611
Sheboygan	Press Pub. Co.	48.5	2,360	280,890
Wausau	Record Herald Company	46.5		

## DEVELOPMENTAL STATIONS

Licensee and Location	Frequency	Power
The Atlanta Journal Co., Atlanta, Georgia		to be assigned 700w (cp only)
Courier Journal & Louisville Times T-NE of Eastwood, Ky.	45,500	1kw
Everett L. Dillard tr/as Commercial Radio Equipment Co., Washington, D. C.		to be assigned 250w (cp only)
Everett L. Dillard tr/as Commercial Radio Equipment Co., Washington, D. C.—Portable		to be assigned 100w (cp only)
Temple Ehmsen, Portland, Oregon		to be assigned 1kw (cp only)
The Journal Co., Milwaukee, Wisconsin	45,500	100w
KLZ Broadcasting Co., Denver, Colorado	43,500	1kw (cp only)
Maryland Broadcasting Co., Baltimore, Maryland		to be assigned 1kw (cp only)
Matheson Radio Co., Boston, Massachusetts		to be assigned 1kw (cp only)
Muzak Corporation, New York	117,650	1kw (cp only)
National B/C Co., Inc., Portable		25 watts
National B/C Co., Inc., Portable or Portable-Mobile		100 watts
Voice of Alabama, Birmingham, Alabama		to be assigned 1kw (cp only)
Voice of Alabama, Birmingham, Alabama		to be assigned 250w (cp only)

## DEVELOPMENTAL APPLICATIONS PENDING

Evansville On The Air, Inc., Glenwood, Indiana	43,300	1kw
Cowles Broadcasting Co., Des Moines, Iowa	49,100	1kw
Cowles Broadcasting Co., Washington, D. C.	49,100	1kw
Cowles Broadcasting Co., Minneapolis, Minnesota	49,100	1kw
Cowles Broadcasting Co., Jersey City, New Jersey	49,100	1kw
Massachusetts B/C Corp., Boston, Massachusetts	49,100	1kw
WAO Broadcasting Service, Chattanooga, Tennessee	43,700	1kw

## EXPERIMENTAL STATIONS

Crosley Corporation, Cincinnati, Ohio	43,200	1kw
C. M. Jansky Jr. and Stuart L. Bailey, d/b as Jansky and Bailey, Georgetown, D. C.	43,200	1kw

# ORGANIZATIONS



*National Association of Broadcasters*

•

*Radio Groups*

•

*Personnel*

•

*Addresses*

•

*Unions*

•

*Guilds*

•

*National Association of  
Educational Broadcasters*

# NATIONAL ASSOCIATION OF BROADCASTERS



Headquarters: 1760 N—Street, N. W., Washington 6, D. C.

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Director	District	States Comprising District
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#### District 11

(To be appointed.)

#### District 12

(To be appointed.)

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**District 11**

(To be appointed.)

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**District 4**

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**District 5**

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**District 9**

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**District 10**

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**District 11**

(To be appointed.)

**District 12**

(To be appointed.)

**District 13**

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**District 14**

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**District 15**

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**District 16**

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**District 17**

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**District 3**

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**District 4**

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**District 5**

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**District 6**

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**District 8**

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**District 9**

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**District 10**

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**District 11**

(To be appointed.)

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# THE N A B CODE

ADOPTED BY THE 17th ANNUAL CONVENTION OF THE NAB

JULY 11, 1939

(Amended April 28, 1943)

**R**ECOGNIZING the importance of radio broadcasting in the national life and believing that broadcasters have sufficient experience with the social side of the industry to formulate basic standards for the guidance of all, the National Association of Broadcasters hereby formulates the following revised Code:

## Children's Programs

Programs designed specifically for children reach impressionable minds and influence social attitudes, aptitudes and approaches and, therefore, they require the closest supervision of broadcasters in the selection and control of material, characterization and plot.

This does not mean that the vigor and vitality common to a child's imagination and love of adventure should be removed. It does mean that programs should be based upon sound social concepts and presented with a superior degree of craftsmanship; that these programs should reflect respect for parents, adult authority, law and order, clean living, high morals, fair play and honorable behavior. Such programs must not contain sequences involving horror or torture or use of the supernatural or superstitious or any other material which might reasonably be regarded as likely to overstimulate the child listener, or be prejudicial to sound character development. No advertising appeal which would encourage activities of a dangerous social nature will be permitted.

To establish acceptable and improving standards for children's programs, the National Association of Broadcasters will continuously engage in studies and consultations with parent and child study groups. The results of these studies will be made available for application to all children's programs.

## Controversial Public Issues

As part of their public service, networks and stations shall provide time for the presentation of public questions including those of controversial nature. Such time shall be allotted with due regard to all the other elements of balanced program schedules and to the degree of public interest in the questions to be presented. Broadcasters shall use their best efforts to allot such time with fairness to all elements in a given controversy.

Time for the presentation of controversial issues shall not be sold, except for political broadcasts. There are three fundamental reasons for this refusal to sell time for public discussion and, in its stead, providing time for it without charge. First, it is a public duty of broadcasters to bring such discussion to the radio audience regardless of the willingness of others to

pay for it. Second, should time be sold for the discussion of controversial issues, it would have to be sold, in fairness, to all with the ability and desire to buy at any given time. Consequently, all possibility of regulating the amount of discussion on the air in proportion to other elements of properly balanced programming or of allotting the available periods with due regard to listener interest in the topics to be discussed would be surrendered. Third, and by far the most important, should time be sold for the discussion of controversial public issues and for the propagation of the views of individuals or groups, a powerful public forum would inevitably gravitate almost wholly into the hands of those with the greater means to buy it.

The political broadcasts excepted above are any broadcasts in connection with a political campaign in behalf of or against the candidacy of a legally qualified candidate for nomination or election to public office, or in behalf of or against a public proposal which is subject to ballot. This exception is made because at certain times the contending parties want to use and are entitled to use more time than broadcasters could possibly afford to give away.

Nothing in the prohibition against selling time for the presentation of controversial public issues shall be interpreted as barring sponsorship of the public forum type of program when such a program is regularly presented as a series of fair-sided discussions of public issues and when control of the fairness of the program rests wholly with the broadcasting station or network.

#### **Educational Broadcasting**

While all radio programs possess some educative values, broadcasters nevertheless desire to be of assistance in helping toward more specific educational efforts, and will continue to use their time and facilities to that end and, in cooperation with appropriate groups, will continue their search for improving applications of radio as an educational adjunct.

#### **News**

News shall be presented with fairness and accuracy and the broadcasting station or network shall satisfy itself that the arrangements made for obtaining news insure this result. Since the number of broadcasting channels is limited, news broadcasts shall not be editorial. This means that news shall not be selected for the purpose of furthering or hindering either side of any controversial public issue nor shall it be colored by the opinions or desires of the station or network management, the editor or others engaged in its preparation or the person actually delivering it over the air, or, in the case of sponsored news broadcasts, the advertiser.

The fundamental purpose of news dissemination in a democracy is to enable people to know what is happening and to understand the meaning of events so that they may form their own conclusions and, therefore, nothing in the foregoing shall be understood as preventing news broadcasters from analyzing and elucidating news so long as such analysis and elucidation are free of bias.

News commentators as well as all other newscasters shall be governed by these provisions.

#### **Religious Broadcasts**

Radio, which reaches men of all creeds and races simultaneously, may not be used to convey attacks upon another's race or religion. Rather it



13. Misleading statements of price or value, or misleading comparisons of price or value.
12. Unfair attacks upon competitors, competing products, or upon other industries, professions or institutions.
11. Continuity which describes, repellenly, any functions or symptomatic results of disturbances, or relief granted such disturbances through use of any product.
10. Advertising statements or claims member stations know to be false, deceptive or grossly exaggerated.
9. Cures and products claiming to cure.
8. All forms of speculative finance. Before member stations may accept any financial advertising, it shall be fully ascertained that such advertising and such advertised services comply with all pertinent federal, state and local laws.
7. Any "dopster," tip-sheet or race track publications.
6. Offers of "homework" except by firms of unquestioned responsibility.
5. Matrimonial agencies.
4. Schools that offer questionable or untrue promises of employment as inducements for enrollment.
3. Any fortune-telling, mind-reading, or character-reading, by handwriting, numerology, palm-reading, or astrology, or advertising related thereto.
2. Any remedy or other product the sale of which or the method of sale of which constitutes a violation of law.
1. Any spirituous or "hard" liquor.
- That member stations shall not accept for advertising:

To clarify the phrase "Accepted Standards of Good Taste," and the canons of good practice set forth in the NAB Code, therefore be it  
RESOLVED:

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**Be It Resolved**

Adopted by the 17th Annual Convention  
National Association of Broadcasters

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should be the purpose of the religious broadcast to promote the spiritual harmony and understanding of mankind and to administer broadly to the varied religious needs of the community.

**Solicitation of Memberships**

Solicitations of memberships in organizations, except where such memberships are incidental to the rendering of commercial services such as an insurance plan either in respect to casualty to life or property, or for membership in the American Red Cross or like organizations engaged in charitable work, are deemed to be unacceptable under the basic theory of the Code and therefore time should be neither given nor sold for this purpose.

**Commercial Programs and Length of Commercial Copy**

Acceptance of programs and announcements shall be limited to products and services offered by individuals and firms engaged in legitimate commerce; whose products, services, radio advertising, testimonials and other statements, comply with pertinent legal requirements, fair trade practices and acceptable standards of good taste.

Brief handling of commercial copy is recommended procedure.

Member stations shall hold the length of commercial copy, including that devoted to contests and offers, to the following number of minutes and seconds:

*Daytime*

- Five-minute programs . . . . . 2:00
- \*Five-minute news programs . . . . . 1:45
- Ten-minute programs . . . . . 2:30
- Fifteen-minute programs . . . . . 3:15
- Twenty-five-minute programs . . . . . 4:15
- Thirty-minute programs . . . . . 4:30
- Sixty-minute programs . . . . . 9:00

*Night-time*

- Five-minute programs . . . . . 1:45
- \*Five-minute news programs . . . . . 1:30
- Ten-minute programs . . . . . 2:00
- Fifteen-minute programs . . . . . 2:30
- Twenty-five-minute programs . . . . . 2:45
- Thirty-minute programs . . . . . 3:00
- Sixty-minute programs . . . . . 6:00

*Exceptions:*

The above limitations do not apply to participation programs, announcement programs, "musical clocks," shoppers' guides and local programs falling within these general classifications.

Because of the varying economic and social conditions throughout the United States, members of the NAB shall have the right to present to the NAB for special ruling local situations which in the opinion of the member may justify exceptions to the above prescribed limitations.

\* Further restriction by individual stations is recommended

# ORGANIZATIONS

## RADIO GROUPS — UNIONS — ASSOCIATIONS PERSONNEL — GUILDS — ADDRESSES

### Acoustical Society of America

120 S. LaSalle St., Chicago 3, Ill.  
Randolph 8460

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#### FUNCTIONS

The purpose of the society is to increase and diffuse the knowledge of acoustics and promote its practical applications.

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45 W. 47th St., New York 19, N. Y.  
Bryant 9-3550

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#### BRANCH OFFICES

Los Angeles: I. B. Kornblum, 6331 Hollywood Blvd., Hollywood, Calif.  
San Francisco: Theodore Hale, 26 O'Farrell Street.  
Chicago: Frank Dare, 720 Bittersweet Place.  
Chorus Equity: 701 7th Ave., New York, N. Y.

### Advertising Federation of America

330 West 42nd St., New York, N. Y.  
BRyant 9-0430

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#### FUNCTIONS

To provide a common forum and a central medium for cooperative effort on behalf of all individuals and groups interested in advertising.

To elevate the standards of advertising practice and to combat any unfair competitive methods in its sale.

To help increase the effectiveness of advertising as an instrument of distribution, with its resulting benefits to business and the general public.

To determine and disseminate more accurate knowledge of the functions of advertising in business, and its social and economic values.

To aid in raising the standards of education and training for advertising practitioners.

## Advertising Research Foundation

330 West 42nd St., New York, N. Y.  
L0ngacre 3-5503

### OFFICERS

Chairman ..... Wm. G. Polmer  
Treasurer ..... John Benson  
Secretary ..... Paul B. West  
Managing Director ..... A. W. Lehman  
Technical Director ..... D. B. Lucas

### FUNCTIONS AND ACTIVITIES

Measurement of reading habits, qualitative analysis of media, general studies of advertising for equal interest to advertisers, agencies and media.

## American Assn. of Adv. Agencies (AAAA)

420 Lexington Ave., New York, N. Y.  
LExington 2-7980

### OFFICERS

Chairman of Board ..... Allen L. Billingsley  
President and Exec. Secy. .... Frederic R. Gamble  
Vice-Chairman ..... Richard Compton  
Secretary-Treasurer ..... J. L. Anderson  
Asst. Exec. Secy. .... Robinson Murray  
Asst. Treas. .... Richard Turnbull  
Director of Service ..... L. W. MacKenzie  
Counsel ..... Mc Kercher & Link

### FUNCTIONS

The American Association of Advertising Agencies was formed in 1917 by the amalgamation of the New England, New York, Philadelphia, Southern and Western Advertising Agency Associations—to promote the interests and raise the standards of advertising and of the advertising agency business.

It welcomes to membership any advertising agency qualified to aid in this purpose by reason of its ability to serve the cause of advertising, its financial soundness and its demonstrated desire to adhere to sound and ethical business practices.

The aims of the Association are partly ethical and partly economic. It is a professional body and also a trade association. It aims to raise standards, to improve technique, to ascertain values, to safeguard relations, and to cooperate with other organized effort in related fields.

One of the major aims of the Association is to keep advertising agency practice on a high level, in order that it may be most useful to the advertiser, most helpful to the publisher and respected by business men.

Early in its career the Association adopted for the guidance of its members two official statements. One is entitled "Agency Service Standards," in which agency service is defined, so that advertisers and publishers may know what to expect and agencies may know what should be required of them, thus discouraging the incompetent and encouraging those equipped to render effective service.

The other statement, entitled "Standards of Practice," deals with agency relations with media, clients and the public, with fair and ethical agency competition, and other professional ethics.

## American Bar Association (Standing Committee on Communications)

Office of the Chairman: 1002 Hill Bldg.  
Washington, D. C.  
Republic 3833

### COMMITTEE

Chairman ..... Francis W. Hill, Jr.  
Committeeman ..... Edwin M. Borchart  
Committeeman ..... Monte Appel  
Committeeman ..... Howard L. Kern  
Committeeman ..... Edw. n Borchart  
Committeeman ..... Lester Cohen  
Committeeman ..... Howard L. Kern

### FUNCTIONS

To advance the science of jurisprudence, promote the administration of justice and uniformity of legislation and of judicial decision in the Nation, uphold the honor of the profession of the law.

## American Communications Association (C. I. O.)

5 Beekman St., New York, N. Y.  
COrtlandt 7-1374

### OFFICERS

President ..... James P. Selly  
Vice-President ..... Dominick Panza  
Vice-President ..... Harry A. Morgan  
Vice-President ..... Harold C. Taylor  
Vice-President ..... Austin Brumley  
Secretary-Treasurer ..... Josephine Timms

## American Council on Education

744 Jackson Place, Washington 6, D. C.  
NAtional 5691

### EXECUTIVE OFFICERS

President ..... George F. Zook  
Vice-President ..... A. J. Brumbaugh  
Assistant to President ..... Donald J. Shank  
Chief Accountant ..... Grace R. Ontrich

### FUNCTIONS

This Council's purpose is to advance American education through comprehensive voluntary, cooperative action on the part of educational associations, organizations and institutions, through the promotion, initiation and administration of systematic studies, cooperative experiments, and conferences.

## American Federation of Musicians

570 Lexington Ave., New York 22, N. Y.  
PLaza 8-0600

### OFFICERS

President ..... James C. Petrillo  
Vice-President ..... Charles L. Bagley  
Financial Secretary-Treasurer ..... Thomas F. Gamble  
Secretary ..... Leo Cluesman

### EXECUTIVE COMMITTEE

Chauncey Weaver, J. W. Parks, Oscar F. Hild, Herman D. Kenin, Walter M. Murdoch.

## American Federation of Radio Artists (AFRA)

2 West 45th St., New York, N. Y.  
VAnderbilt 6-1810

### NATIONAL OFFICERS

President ..... Lawrence Tibbett  
Vice-President ..... Virginia Payne  
Vice-President ..... Ben Grauer  
Vice-President ..... John B. Hughes  
Vice-President ..... Gunnar Back  
Vice-President ..... Kenneth Carpenter

# ORGANIZATIONS

Recording Secretary.....Alex McKee  
 National Executive Secretary.....Emily Holt  
 Associate Secretary and Treasurer.....George Heller  
 Counsel.....Jaffe & Jaffe  
 Associate Counsel.....Beilenson & Berger

### BOARD OF DIRECTORS

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### BRANCH OFFICES

Chicago Local—540 North Michigan Avenue, Chicago, Ill.; Raymond Jones, Executive Secretary; Phone, Superior 6517.

Los Angeles Local—6331 Hollywood Boulevard, Hollywood, Calif.; Claude McCue, Executive Secretary; Phone, Hillside, 5121.

San Francisco Local—26 O'Farrell Street, San Francisco, California; Phone, Sutter 3196, San Francisco, California.

Cincinnati Local—Box 14, Cincinnati, Ohio.  
 Montreal Local—1126 St. Catherine St., West Montreal, Canada.

Detroit Local—82 West Montcalm St., Detroit, Mich.

St. Louis Local—4317 Lindell Blvd., St. Louis, Mo.

Miami Local—Box 8, Miami, Fla.

Denver Local—4231 West 32nd St., Denver, Colo.

Racine Local—804 Hamilton St., Racine, Wisc.

Cleveland Local—319 Chester-12th Bldg., Cleveland, Ohio.

Washington Local—P. O. Box No. 269, Washington, D. C.

Pittsburgh Local—1124 Frisk Bldg.

Portland Local—P. O. Box No. 263, Portland, Ore.

Dallas Local—P. O. Box 2181, Dallas, Texas.

Other locals located in Des Moines, Ia.; Philadelphia, Pa.; Schenectady, N. Y.; Boston, Mass.; Charlotte, N. C.; Rochester, N. Y.; Baltimore, Md.; San Diego, Calif.; Fresno, Calif.; Lawrence, Mass.; Grand Rapids, Mich.; Louisville, Ky.; Seattle, Wash.; Atlanta, Ga.; Kansas City, Mo.

## American Guild of Musical Artists, Inc. (A. F. L.)

2 West 45th St., New York, N. Y.  
 Murray Hill 2-8407

### OFFICERS

President.....Lawrence Tibbett  
 First Vice-President.....Richard Bonelli  
 Second Vice-President.....Walter Golde  
 Third Vice-President.....Jose Iturbi  
 Fourth Vice-President.....Eugene Conley  
 Fifth Vice-President.....Helen Jepson  
 Recording Secretary.....Elizabeth Hoepfel  
 Treasurer.....Frederick Jagel  
 Counsel.....Albert B. Gins

### BOARD OF GOVERNORS

Zlatko Balokovic, Ruthanna Boris, Ruth Breton, Norman Cordon, Muriel Dickson, Claudio Frigerio, Coe Glade, Herbert Graf, Roland Guerard, Edward Harris, Jascha Heifetz, Alexander Kipnis, Charles Kullman, James Melton, Helen Olheim, Alexander Smallens, Georgia Standing, Anthony Strivanello, Conrad Thibault, Kerstin Thorborg, Mario Cozzi, Louis D'Angelo, Frances

Greer, Mack Harrell, Mildred Ippolito, Anna Kaskas, Dorothy Sarnoff.

### BRANCH OFFICES

Hollywood: 6331 Hollywood Blvd.—Phone, Hillside 5121.

### FUNCTIONS

AGMA is a union whose purpose is to bargain collectively on behalf of its members and to deal with employers, contractors, managers, impresarios, agents and others whose activities affect its members. AGMA is a branch of the AAAA and is a sister union of the American Federation of Radio Artists.

## American Marketing Association

Address individual officers

### OFFICERS

President.....Howard W. Green  
 (Real Property Inventory)  
 Vice-President.....Donald M. Hobart  
 (Curtis Publishing Co.)  
 Vice-President.....Franklin R. Cawl  
 (Arthur Kudner, Inc.)  
 Treasurer.....Arthur P. Hirose  
 (Newsweek)  
 Secretary.....Ross M. Cunningham  
 (Mass. Institute of Technology)  
 Editor-in-Chief, Journal of Marketing.....Reavis Cox  
 (Un. of Pennsylvania)

### DIRECTORS

Everett R. Smith, Macfadden Publications, Inc.; Lyman Hill, Servel Corp.; Henry E. Erdman; Virgil Reed, War Production Board.

### FUNCTIONS

American Marketing Association is an organization for the advancement of science in marketing.

## American Newspaper Publishers Association

370 Lexington Ave., New York 17, N. Y.  
 CAledonia 5-2000

### OFFICERS

President.....Linwood I. Noyes  
 Vice-President.....W. G. Chandler  
 Secretary.....Norman Chandler  
 Treasurer.....Edwin S. Friendly  
 General Manager.....Cranston Williams

### FUNCTIONS

To foster and protect the business and business interests of daily newspapers.

## American Radio Relay League, Inc.

38 LaSalle Road, West Hartford, Conn.  
 Hartford 3-6269

### OFFICERS

President.....George W. Bailey  
 Vice-President.....Charles E. Blalock  
 Managing Secretary.....Kenneth B. Warner  
 Treasurer.....David H. Houghton  
 Acting Communication Manager.....Carol K. Witte

### FUNCTIONS

The American Radio Relay League is a non-commercial association of radio amateurs, bonded for the promotion of interest in amateur radio communication and experimentation, for the relaying of messages by radio, for the advancement of the radio art and of

the public welfare, for the representation of the amateur in legislative matters, and for the maintenance of fraternalism and a high standard of conduct. The League publishes QST, a publication devoted solely to amateur radio, issued monthly. It also publishes The Radio Amateur's Handbook annually and other publications.

## American Society of Composers, Authors and Publishers

32 Rockefeller Plaza, New York 20, N. Y.  
Columbus 5-7464

### OFFICERS

President.....Deems Taylor  
Vice-President.....Gustave Schirmer  
Vice-President.....Oscar Hammerstein II  
Secretary.....George W. Meyer  
Treasurer.....Max Dreyfus  
Assistant Secretary.....J. J. Bregman  
Assistant Treasurer.....Irving Caesar  
General Manager.....John G. Paine

### BOARD OF DIRECTORS

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### ADMINISTRATIVE OFFICERS

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Assistant General Manager.....Herman Greenberg  
Comptroller.....George A. Hoffman  
Director of Public & Customer Relations.....Robert L. Murray  
General Counsel.....Schwartz & Frohlich  
Resident Counsel.....Herman Finkelstein

### DIVISION SUPERVISORS

Western District  
6331 Hollywood Blvd., Hollywood, Calif.  
Supervisor.....Richard J. Powers  
Mid-Western District  
7 South Dearborn St., Chicago, Ill.  
Supervisor.....John C. Wooden  
Southern District  
607-11 First National Bldg., Atlanta, Ga.  
Supervisor.....I. T. Cohen  
Eastern District  
30 Rockefeller Plaza, New York, N. Y.  
Supervisor.....F. C. Erdman

### DISTRICT MANAGERS

Western  
Larry Shea, 414 Quarantay Bldg., 6331 Hollywood Blvd., Hollywood, Calif.  
Stanley Shepard, 645 Pacific Bldg., Portland, Ore.  
Harry G. Ferguson, 1101-2 Security Bldg., Denver, Colo.  
H. A. Levinson, Room 422, 111 Sutter Bldg., San Francisco, Calif.  
Mid-Western  
ASCAP, 730 Des Moines Bldg., Des Moines, Ia.  
Martin Meltzer, 1907 Continental Bldg., 3615 Olive St., St. Louis, Mo.  
E. A. Sherwood, 1100 Midland Bldg., 101 Prospect Ave., N. W., Cleveland, Ohio.  
E. W. Peterson, 912 Northwestern Bank Bldg., Minneapolis, Minn.  
Messrs. Grosner & Burak, 782-4 Penobscot Bldg., Detroit, Mich.  
Southern  
H. L. Frankel, 603 Hibernia Bank Bldg., New Orleans, La.  
Samuel Feldman, 3910-11 Carew Tower, Cincinnati, Ohio.  
Chas. McDowell, 1613-14 Tower Petroleum Bldg., 1903 Elm St., Dallas, Texas.  
David Nelson, 607 1st Nat'l Bank Bldg., Atlanta, Ga.  
Eastern  
Samuel Berkett, 44 School St., Boston, Mass.  
Arthur L. Rothkranz, 1616 Baltimore Trust Bldg., Baltimore, Md.  
H. A. Brown, 1638 Lincoln Liberty Bldg., Philadelphia, Pa.

William J. O'Brien, 509 Grant Bldg., Pittsburgh Pa.  
Lawrence B. Schlums, 1431 Lincoln Alliance Bldg., Rochester, N. Y.  
Aaron Kane, National Newark Bldg., 744 Broad St., Newark, N. J.  
Clarence Rubin, 30 Rockefeller Pl., New York, N. Y.

### FUNCTIONS

ASCAP licenses public performance for profit of music copyrighted by its members and the members of many similar societies located in foreign countries.

## American Television Society

Headquarters: 2 W. 45th St., New York, N. Y.  
Vanderbilt 6-0600  
Meeting Place: Museum of Modern Art  
New York, N. Y.

### EXECUTIVE COMMITTEE

Dan Halpin, Norman D. Waters, George T. Shupert.  
OFFICERS

President.....Dan Halpin  
Vice-President.....Raymond E. Nelson  
Treasurer.....Don McClure  
Secretary.....Alice Penfarge

### DIRECTORS

Dan Halpin, Norman D. Waters, J. Raymond Hutchinson, Lila Swift, Charles Klienman, George T. Shupert, Raymond E. Nelson, Prof. Edward C. Cole, David Hale Halpern, Don McClure.

### FUNCTIONS

American Television Society is a non-profit group organized to foster the study, understanding and appreciation of television as a cultural, educational, entertainment and advertising medium. It provides its members with an intelligence center and clearing house for information pertaining to television and its development; a forum for the exchange of ideas and discussion of mutual problems relating to or affecting television; a television library; special meetings for the dissemination of television information; the opportunity to view and study television technique.

## Associated Actors and Artistes of America

47 West 47th St., New York, N. Y.  
Phone: BRyant 9-3550

### OFFICERS

President.....Paul Dulizeli  
1st Vice-President.....Jan Greenfield  
2nd Vice-President.....Emily Holt  
Treasurer.....Ruth Richmond  
Counsel.....Paul N. Turner

### FUNCTIONS

Associated Actors and Artistes of America, generally known as the Four A's, holds the international charter from American Federation of Labor covering theatrical entertainers. Actors' Equity, American Federation of Radio Artistes, Screen Actors Guild, Chorus Equity, American Guild of Variety Artists, American Guild of Musical Artists, etc., are granted charters via Four A's. We are also Hebrew actors' union, Hungarian actors and Italian actors' union.

## Assn. of Canadian Advertisers, Inc.

85 Richmond St., West, Toronto 1, Ont.  
Adelaide 9774

### OFFICERS

President.....Harold E. Stephenson  
Vice-President.....H. J. G. Jackson  
(Acting Advertising Manager, Chrysler Corporation of Canada Limited, Windsor, Ontario)  
Vice-President.....L. E. Phenner  
(President, Canadian Cellucotton Products Co., Limited, Toronto, Ontario)



# ORGANIZATIONS

Vice-President.....N. B. Powter  
(Sales Promotion Manager, Howard Smith Paper Mills  
Limited, Montreal, Que.)  
(Advertising Manager, Canada Starch Co., Limited,  
Montreal, Que.)

Vice-President.....George S. Bertram  
(Swift Canadian Co., Ltd., Toronto, Ont.)

Treasurer.....J. P. Lyons  
(Advertising Manager, Manufacturers Life Insurance  
Company, Toronto, Ont.)

Managing Director.....Athol McQuarrie  
(Association of Canadian Advertisers Inc., Toronto,  
Ontario)

## DIRECTORS

C. W. Chamberlin, Advertising Manager, Shell Oil  
Co. of Canada Limited, Toronto, Ont.; Lee Trenholm,  
Director of Public Relations, Underwood Elliott Fisher  
Limited, Toronto, Ont.; D. E. Bankart, Advertising  
Manager, Northern Electric Co. Limited, Montreal,  
Que.; R. Harold Smyth, Advertising Manager, Dominion  
Rubber Co., Limited, Montreal, Que.; A. Usher, Adver-  
tising Manager, RCA Victor Co. Limited, Montreal,  
Que.; Muriel Whitlock, Advertising Manager, Court-  
aulds (Canada) Limited, Montreal, Que.; Athol  
McQuarrie, Managing Director, R. L. Sperber, Sterling  
Products Ltd., Windsor; George Stineback, Bauer &  
Black Ltd., Toronto; Hedleigh T. Venning, Shirriff's  
Ltd., Toronto.

## FUNCTIONS

This association was incorporated in March 1917  
For 29 years the Association of Canadian Advertisers  
has functioned as an organization of Canadian com-  
panies devoted to the interests and promotion of  
good advertising.

The Bureau of Broadcast Measurement  
Office of the Executive Secty.  
Room 303 Federal Bldg.  
85 Richmond St., W.  
Toronto, Ont.

## OFFICERS

President.....L. E. Phenner  
(Canadian Cellucotton Products Co., Ltd.,  
Toronto, Ont.)

Vice-President.....Adrian Head  
(J. Walter Thompson Co. Ltd., Toronto, Ont.)

Sec'y-Treasurer.....Athol McQuarrie  
(Toronto, Ont.)

Research Counsel.....Walter E. Elliott  
(Elliott-Haynes Ltd., Toronto, Ont.)

## DIRECTORS

Advertisers: R. L. Sperber, Sterling Products Ltd.,  
Windsor, Ont.; A. Usher, RCA Victor Co. Ltd., Mon-  
treal, Que.; L. E. Phenner, Canadian Cellucotton Pro-  
ducts Co. Ltd., Toronto, Ont.; Agency: Adrian Head,  
J. Walter Thompson Co. Ltd., Toronto, Ont.; H. M.  
Tedman, J. J. Gibbons Ltd, Toronto, Ont.; T. L. Ander-  
son, Cockfield Brown & Co. Ltd., Toronto, Ont.; Radio  
stations: E. A. Weir, Canadian Broadcasting Corp.,  
Toronto, Ont.; Horace N. Stovin, Stovin & Wright,  
Toronto, Ont.; W. T. Cranston, Radio Station CKOC,  
Hamilton, Ont.

## Association for Education by Radio

226 N. La Salle St., Chicago 1, Ill.

### NATIONAL OFFICERS

I. Keith Tyler, president, director of radio educa-  
tion, Ohio State University.

Luke L. Roberts, first vice-president, educational  
director, KOIN, Portland, Ore.

Robert B. Hudson, second vice-president, director,  
Rocky Mountain Radio Council.

George Jennings, treasurer, acting director, Chicago  
Radio Council.

Elizabeth Goudy, secretary, Visual Aids for War  
Training, U. S. Office of Education.

### REGIONAL PRESIDENTS

Robert B. Masdougall, Region I, New Jersey State  
Teachers College, Trenton.

Sam H. Linch, Region II, supervisor of radio educa-  
tion, Atlanta public schools.

H. B. McCarty, Region III, Station WHA, Uni-  
versity of Wisconsin.

F. L. Whan, Region IV, University of Wichita.  
John W. Gunstream, Region V, director of radio-  
visual education, Texas State Dept. of Education.

Donald L. Cherry, Region VI, Sequoia Union high  
school, Redwood City, Calif.

Kenneth Caple, Region VII, director of school broad-  
casting, British Columbia, Canada.

Alpha Epsilon Rho: The association sponsors Alpha  
Epsilon Rho, an undergraduate professional fraternity  
in radio. Sherman P. Lawton, executive secretary,  
Stephen's College, Columbia, Mo.

Membership Committee: Sally Bechill, chairman,  
5601 N. Campbell Ave., Portland, Ore.

## FUNCTIONS

Promotion of education by radio and the publi-  
cation of a journal (Journal of the AER) monthly  
except May, June, July and August.

### AER JOURNAL STAFF

#### EDITORIAL STAFF

William D. Boutwell, Lyman Bryson, Kathleen N.  
Lardie, Watt Long, Robert Macdougall, Hazel Kenyon  
Markel, Harold B. McCarty, Tracy F. Tyler, chairman.  
Tracy F. Tyler, editor, University of Minnesota.  
James G. Hanlon, supervising editor, WGN, Chicago.  
George Jennings, business manager, acting director,  
Chicago Radio Council.

Max Herzberg, Jennings Pierce, John W. Brandstet-  
ter, Kathleen N. Lardie, Alice W. Manchester, Clar-  
ence C. Moore, A. DeBernardis, contributing editors.

## Assn. of National Advertisers, Inc.

285 Madison Ave., New York 17, N. Y.  
MU 5-9167

## OFFICERS

Chairman of Board.....C. C. Carr  
(Aluminum Co. of America)

Vice-Chairman.....Paul S. Ellison  
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Vice-Chairman.....J. P. Miller  
(Pet Milk Sales Corp.)

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Treasurer.....Albert Brown  
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Secretary.....E. T. Batchelder

## DIRECTORS

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Sons; D. H. Odell, General Motors Corp.; W. B. Potter,  
Eastman Kodak Co.; Ralph Winslow, Libbey-Owens-  
Ford Glass Co.

## FUNCTIONS

The Association of National Advertisers is com-  
posed of the leading companies of the United States  
who use advertising. Its function is to represent  
them and further their interests as buyers of adver-  
tising.

## Association of Radio News Analysts

9 E. 46th St., New York 17, N. Y.

PLaza 5-6577

President.....John W. Vandercook

Vice-President.....George Fielding Eliot

Vice-President.....Raymond Gram Swing

Treasurer.....Quincy Howe

Secretary.....César Saerchinger

Chairman Executive Committee.....H. V. Kaltenborn

## FUNCTIONS

Membership consists of experienced news analysts devoting a major part of their time to radio work and not voicing their own commercials. The Association's function is to improve quality and standards of radio news analysts.

## Australian Broadcasting Commission

264 Pitt St., Sydney, N. S. W., Australia  
Phone M6991  
Chairman.....William J. Cleary  
General Manager.....Charles Moses

## FUNCTIONS

The Australian Broadcasting Commission provides the programs of the Australian National Broadcasting Service which emanate from the National stations in each state. The transmitters are linked in a National network which covers all capital cities and country regions in each state. Other transmitters provide state programmes but are linked for special periods each day in a National Alternative network. The Commission publishes a journal, "The A. B. C. Weekly."

## Authors' League

6 E. 39th St., New York, N. Y.  
MUrray Hill 5-6930

## OFFICERS

President.....Russel Crouse  
Vice-President.....Fannie Hurst  
Secretary.....Katherine Seymour  
Treasurer.....Arthur Schwartz

## COUNCIL

Franklin P. Adams, Frederick Lewis Allen, Erik Barnouw, Carl Carmer, Mignon G. Eberhart, J. C. Furnas, Paul Gallico, Sidney Gerson, Oscar Hammerstein II, Stuart Hawkins, Lillian Hellman, Pauline Hopkins, Gladys Huribut, Fannie Hurst, Nikki Kaye, Manuel Komroff, Howard Lindsay, Richard McDonagh, Arch Oboler, S. J. Perelman, Kenneth Pettus, Henry F. Pringle, Elmer Rice, Rex T. Stout, Kenneth Webb, Forrest Barnes, Philip Barry, Rector Chevigny, Marc Connelly, Russel Crouse, Paul Franklin, Frances Goodrich, John Howard Lawson, Denis Tilden Lynch, John Vandercook.

## FUNCTIONS

The Authors' League of America, Inc., is the national organization of authors, dramatists, screen writers and radio writers. It was organized in 1912 in order to procure adequate copyright legislation, both international and domestic; to protect the rights and property of all those who create copyrightable material of whatever kind or nature; to advise and assist all such in business matters relating to the disposal of their productions and to obtain for them prompt remuneration therefor; to disseminate information among them as to their just rights and remedies. Its membership is approximately 4,200.

## BMI Canada, Ltd.

2100 Victory Bldg., Toronto, Ont.  
Elgin 5623

## OFFICERS

President.....J. Harold Ryan  
Vice-President.....Sydney Kaye  
Vice-President.....Harry Sedgwick  
Vice-President.....Joseph Sedgwick  
Vice-President.....Glen Bannerman  
Secretary-Treasurer.....T. Arthur Evans

## FUNCTIONS

BMI Canada, Ltd., was organized to buy and publish original music, to coordinate and license performing rights of music published under its own imprint

and of music in the catalogs of affiliated publishers and performing right societies and to provide equal opportunity of recognition for all writers and composers.

## Board of War Communications

Chairman's Office: c/o Federal Communications Commission, Washington, D. C.

## BOARD MEMBERS

Paul Porter, Chairman, Federal Communications Commission; Rear Adm. Joseph R. Redman, Director of Naval Communications; Major Gen. Harry C. Ingles, Director of Naval Communications; Adolf A. Berle, Jr., Assistant Secretary of State in Charge of the Office of Transportation and Communications; Herbert E. Gaston, Assistant Secretary of Treasury in Charge of Treasury Enforcement Activities; Capt. E. M. Webster, Chief of Communications of the U. S. Coast Guard, Assistant Secretary.

## COMMITTEES

Alternates: E. K. Jett, Federal Communications Commission; Brig. Gen. Frank E. Stoner, Chief, Army Communications Branch; Capt. John V. Murphy, Deputy Director of Naval Communications; Francis C. de Wolf, Chief, Telecommunications Division of Department of State; Capt. E. M. Webster, Chief of Communications of the U. S. Coast Guard.

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Law: Charles R. Denny, Jr., General Counsel of Federal Communications Commission, Chairman; Col. Conrad E. Snow, War Department; Lt. Comdr. Ernest R. Feidler, Treasury Department; Capt. Franz O. Willenbacher, Navy Department; Raymond T. Yingling, Department of State.

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Industry Advisory: Walter S. Gifford, Chairman; Dr. C. B. Joffiffe, Secretary.

International Broadcasting Coordinating: I—Amateur Radio: George W. Bailey, Chairman; II—Aviation Communications: R. O. Smith, Chairman; III—Cable: C. Mills, Chairman; Benedict P. Cottone, Secretary; IV—Domestic Broadcasting: A. D. Ring, Secretary; V—Interdepartment Radio Advisory: Comdr. Paul D. Miles, Chairman; Capt. E. M. Webster, Vice Chairman; M. H. Woodward, Secretary; L. R. Brady, Asst. Secretary; VI—International Broadcasting: Walter C. Evans, Chairman; VII—Radio communications: Capt. E. M. Webster, Chairman; F. M. Ryan, Secretary. VIII—State and Municipal Facilities: Capt. Donald S. Leonard, Chairman; G. E. Nielson, Secretary; IX—Telegraph: E. R. Shute, Chairman; William J. Norfleet, Secretary; X—Telephone: Z. Z. Hugas, Chairman; Clyde S. Bailey, Secretary; XI—United States Government Facilities: Lt. Col. A. G. Simson, Chairman; XII—Communications Liaison Committee for Civilian Defense: William N. Krebs, Chairman; Herbert A. Friede, Secretary; XIII—Priorities Liaison: Comdr. R. H. Griffin, Chairman.

## The British Broadcasting Corporation

630 Fifth Ave., New York 20, N. Y.  
Circle 7-0656

## OFFICERS

North American Dir.....John Salt  
Asst. North American Dir.....W. R. Reid  
Special Asst. to N. A. Dir.....Donovan Rowse  
Head of Research Dept.....Henry David  
Sr. Asst. Research Dept.....A. S. Kenas  
Public Relations Mgr.....Christopher Cross  
Chief Engineer.....A. S. Toby  
Program Operations Mgr.....Stephen Fry  
Head of European Service.....Clement Fuller  
Production Manager.....Roy Lockwood  
Talks Producer.....Miss Evelyn Gibbs

## BRANCH OFFICES

1060 Bush St., San Francisco 9, Cal. f.  
Phone: Orday 4049  
Pacific Coast Representative.....Gerald Cock  
430 N. Michigan Ave., Chicago 11, Ill.  
Phone: Delaware 6881

## • • • ORGANIZATIONS • • •

Middle West Representative.....William N. Newton  
 1150 Connecticut Ave., NW, Washington 6. D. C.  
 Phone: Executive 1465  
 Manager.....Miss Annette Ebsen  
 Washington Correspondent.....Anthony Wigan

### FUNCTIONS

Activities of the North American offices of the British Broadcasting Corporation consist of two inter-related but separate operations. The first, Eastbound Operations, are concerned with the interpretation of the American scene to British audiences. The other, Westbound Operations, are concerned with making available to independent radio stations and networks regular and specially requested programs broadcast from England in the BBC's North American Service.

### Broadcast Music, Inc. (BMI)

580 Fifth Ave., New York, N. Y.  
 Pennsylvania 6-5466

#### OFFICERS

President.....J. Harold Ryan  
 Vice-President-General Counsel.....Sydney M. Kaye  
 Vice-President-General Manager.....M. E. Tompkins  
 Treasurer.....C. E. Lawrence

#### DIRECTORS

Neville Miller,\* National Association of Broadcasters; John Elmer, WCBM; William Hedges, National Broadcasting Co.; Paul Morency, WTIC; Leonard Kanner, WCAE; Carl Haverlin, Mutual Broadcasting System; C. W. Myers, KOIN; J. Leonard Reinsch, WSB; Robert D. Swezey, Blue Network Co., Inc.; Frank K. White, Columbia Broadcasting System.

\* Has since resigned as President of NAB.

#### BRANCH OFFICES

1549 North Vine St., Hollywood, Calif.  
 Executive-in-Charge.....Eddie Janis

54 West Randolph St., Chicago, Ill.  
 Executive-in-Charge.....James Cairns

#### FUNCTIONS

The functions of BMI are: (1) To buy and publish original music; (2) to coordinate and license the performing rights to music published under its own imprint and of music in the catalogs of affiliated publishers and performing rights societies; (3) to provide equal opportunity of recognition for all writers and composers.

### Canadian Assn. of Broadcasters

2100 Victory Bldg., Toronto, Ont.  
 Canada  
 Elgin 5623

#### OFFICERS

President-General Manager.....Glen Bannerman  
 Chairman of the Board.....Harry Sedgwick  
 Vice-Chairman of the Board.....G. R. A. Rice  
 General Counsel.....Joseph Sedgwick  
 Secretary-Treasurer.....T. Arthur Evans

#### DIRECTORS

Harry Sedgwick, Chairman, New York City; G. R. A. Rice, Vice Chairman, Radio Station CFRN; Gerry Gaetz, CKRC; A. A. Murphy, CFQC; Ralph White, CFJC; J. E. Campeau, CKLW; J. K. Cooke, Toronto; Phil Lalonde, CKAC; J. N. Thivierge, CHRC; Lieut.-Col. K. S. Rogers, CFCY; N. Nathanson, CJC.B.

#### FUNCTIONS

The Canadian Association of Broadcasters is a trade association comprising 62 privately owned radio stations.

### Canadian Performing Right Soc., Ltd.

1003 Royal Bank Bldg., Toronto, Canada  
 Phone: Elgin 9219

#### OFFICERS

President-Managing Director...H. T. Jamieson, F.C.A.

#### BOARD OF DIRECTORS

Ralph Hawkes, Holmes Maddock, H. T. Jamieson, representing The Performing Right Society Limited, London, England, and John G. Paine, Gordon V. Thompson, W. S. Low, representing the American Society of Composers, Authors and Publishers.

### Catholic Actors Guild of America, Inc.

Hotel Astor, New York 19, N. Y.  
 Circle 6-5566

#### OFFICERS

President.....Gene Buck  
 1st Vice-President.....Pat O'Brien  
 2nd Vice-President.....Jay Jostyn  
 Honorary Vice-Presidents:  
 Bing Crosby, Dan Healy, Donald Brian  
 Recording Secretary.....Frank McNellis  
 Historian.....Kathryn Givney  
 Executive Secretary.....George Buck  
 Chairman of Executive Board.....Donat Gautier  
 Chairman of Advisory Board.....Hon. Edward P. Mulrooney

#### FUNCTIONS

Benevolent and social organization, founded to promote the best interests of the stage and its people.

### Catholic Writers Guild of America

128 W. 71st St., New York, N. Y.  
 ENdicott 2-0412

#### OFFICERS

Spiritual Director.....Rev. John B. Kelly  
 President.....Edwin P. Kilroe  
 Vice-President.....Richard Reid  
 Treasurer.....Clarence E. Heller  
 Executive Secretary.....Eleanor M. Tucker  
 Corresponding Secretary.....Bernadette A. Forrest

#### BOARD OF GOVERNORS

Thomas E. Woodlock, Right Rev. Fulton J. Sheen, Eugene A. Colligan, Victor Ridder, Elizabeth Jordan, James O'Shaughnessy, Kathleen Norris, Rev. Hugh Morley, Katherine Edgerly, Margaret Marshall, Jos. J. Reilly, Mrs. Philip Brennan, Nicholas Farley, Kenton Kilmer.

#### FUNCTIONS AND ACTIVITIES

The press, inclusive of the writer, editor and publisher of newspaper, magazine, screen and stage manuscripts, desiring a statement of the Catholic mind on Church issues or current national events, will find the Catholic Writers Guild of America ready to cooperate in directing inquiry to a source of authentic information.

### Chicago Radio Management Club

230 N. Michigan Ave.  
 Chicago, Ill

#### OFFICERS

President.....Harlow P. Roberts  
 Vice-President.....Harry K. Gilman  
 Secretary.....Hildred Sanders  
 Treasurer.....Arthur Haare

#### FUNCTIONS AND ACTIVITIES

The Chicago Radio Management Club is an organization consisting of members in executive capacities in advertising agencies and radio stations in Chicago,

III. Meetings are held weekly wherein any and all problems relative to radio business can be discussed on common grounds, conclusion drawn and plans for the solution of particular problems authorized for action.

## Committee on Consumer Relations In Advertising, Inc.

420 Lexington Ave., New York, N. Y.  
Murray Hill 5-7367

### OFFICERS

Chairman.....John Benson  
Executive Director.....Kenneth Dameron

### FUNCTIONS

This committee engages in research in the economics of advertising and the economics of consumption; provides a meeting place where consumers and advertisers can discuss mutual problems; provides consultation service for advertising agencies and others interested in management problems arising from consumer movements.

## The Dramatists' Guild

6 E. 39th St., New York, N. Y.  
Murray Hill 5-6930

### OFFICERS

President.....Richard Rodgers  
Vice-President.....Phillip Barry  
Secretary.....Victor Wolfson

### COUNCIL

George Abbott, Robert Ardrey, Philip Barry, Edward Childs Carpenter, Patricia Collings, Russel Crouse, Owen Davis, Howard Dietz, Philip Dunning, Nancy Hamilton, Otto Harbach, Lillian Hellman, Gladys Herbert, G. S. Kaufman, Arthur Kober, Howard Lindsay, Elliot Nugent, Eugene O'Neil, Paul Osborn, Samson Raphaelson, Arthur Schwartz, Kurt Weill, Victor Wolfson, Dorothy Fields, Francis Goodrich, Oscar Hammerstein, II, F. Hugh Herbert, Ogden Nash.

### FUNCTIONS

The Dramatists' Guild is one of the guilds of the Authors' League of America, Inc. The guild is primarily a protective organization for playwrights.

## Federal Communications Bar Assn.

Munsey Bldg., Washington 4, D. C.

### OFFICERS

President.....Ben S. Fisher  
First Vice-President.....Eliot C. Lovett  
Second Vice-President.....Carl I. Wheat  
Secretary.....W. Theodore Pierson

### FUNCTIONS

To promote the proper administration of the Communications Act of 1934 and related acts, to uphold the honor of practice before the Federal Communications Commission, and to encourage cordial intercourse among the practitioners. It issues a monthly publication, the Federal Communications Bar Journal, which is devoted to matters of interest pertaining to communications law.

## Federal Council of the Churches of Christ in America, Department of National Religious Radio

297 Fourth Ave., New York, N. Y.  
GRamercy 5-3475

### OFFICERS

Executive Secretary.....Frank C. Goodman  
Assistant Executive.....Ethel A. Rich  
Secretary.....Wesley B. Goodman

### FUNCTIONS

The Department of National Religious Radio was organized in 1923 to promote the effective use of

broadcasting in the field of religion. With a membership including representatives of the major protestant groups, the organization arranges and produces eight non-sectarian religious radio programs each week, as well as special programs, over national networks.

## Federal Radio Education Committee (FREC)

Tempo 2, 19th and D Sts., N.W., Washington, D. C.  
Executive 6500, Extension 2564

### OFFICERS

Chairman.....J. W. Studebaker  
Vice-Chairman.....C. F. Klinefelter  
Secretary-Editor.....Gertrude C. Broderick  
Radio Education Specialist.....R. R. Lowdermilk

### EXECUTIVE COMMITTEE

John W. Studebaker, U. S. Commissioner of Education; George P. Adair, Federal Communications Commissioner; Clifford J. Durr, Commissioner, FCC; John Elmer, Baltimore Broadcasting Corp.; Willard E. Givens, National Education Assn.; Rev. Frederick J. Hockwalt, National Catholic Welfare Conference; Harold B. McCarty, Station WHA; J. Harold Ryan, National Association of Broadcasters; Levering Tyson, Muhlenberg College; Judith C. Waller, National Broadcasting Co., Lyman Bryson, Columbia Broadcasting System.

### FUNCTIONS

The Federal Radio Education Committee was appointed in 1935 by the Federal Communications Commission with the recommendation at that time that the broadcasters, on one hand, and the educators, on the other, would combine forces which would: (1) eliminate controversy and misunderstanding between groups of educators and between the industry and educators; (2) promote actual cooperative arrangements between educators and broadcasters on national, regional and local bases. Publications to date include Script Exchange Catalog, Forums on the Air, College Radio Workshop, The School Radio Sound System, Glossary of Radio Terms, "Americans All—Immigrants All," a supplementary teaching aid in the use of recordings of program series of the same name, the FREC Service Bulletin, and many others.

## Federal Trade Commission

Pennsylvania Ave. at 6th St., N.W., Washington, D.C.  
Executive 6800

### PERSONNEL

Chairman.....Robert E. Freer  
Commissioner.....Garland S. Ferguson  
Commissioner.....Charles H. March  
Commissioner.....Ewin L. Davis  
Commissioner.....William A. Ayres  
Secretary.....Otis B. Johnson  
Chief Counsel.....Wm. T. Kelley  
Chief Examiner.....James A. Horton  
Chief Economist.....Col. William H. England  
Dir. Trade Practice Conferences.....Henry Miller  
Director, Radio & Periodical Division.....P. B. Morehouse  
Assistant Director, Radio & Periodical Division.....William F. Davidson

### FUNCTIONS

The Federal Trade Commission is a Governmental agency whose object is to prevent unfair methods of competition and unfair and deceptive acts and practices in commerce. For a description of the actual procedure and work of this body see articles appearing in other sections of this volume.

## First Advertising Agency Group

734 Union Commerce Bldg., Cleveland, Ohio  
Main 5194

### OFFICERS

President.....Lee E. Donnelly  
Vice-President.....Norman Lewis  
Secretary-Treasurer.....Melvin F. Hall

# ORGANIZATIONS

## BRANCH OFFICES

Membership in this organization includes advertising agencies in the following cities: Albany, N. Y.; Buffalo, N. Y.; Cincinnati, Ohio; Cleveland, Ohio; Des Moines, Iowa; Detroit, Mich.; Jacksonville, Fla.; Los Angeles, Calif.; Nashville, Tenn.; New York, N. Y.; Philadelphia, Pa.; Pittsburgh, Pa.; Richmond, Va.; San Francisco, Calif.; Salt Lake City, Utah; St. Louis, Mo.

## FUNCTIONS

This organization is a cooperative group of independently owned advertising agencies using identical standards of agency procedure and acting as branch offices in the interest of each member.

## F M Broadcasters, Inc. (FMBI)

Office of the President and Secretary-Treasurer,  
333 W. State St., Milwaukee 1, Wis.  
Marquette 6000  
Washington Office:  
711 Colorado Bldg.

### OFFICERS

President ..... Walter J. Damm  
Vice-President ..... Theodore C. Streibert  
Secretary-Treasurer ..... L. W. Herzog

### DIRECTORS

John Shepard, 3rd, John V. L. Hogan, Arthur Church,  
Geo. Lang, Lee B. Wailles, Ray H. Manson, Franklin M.  
Doolittle, Walter J. Damm, Theodore C. Streibert.

### FUNCTIONS

FMBI is a non-profit association of FM boosters founded to see that frequency modulation advances in a coordinated logical manner: to guarantee that its interests are furthered and protected and to represent the FM industry in Washington; to provide an advisory service for its membership stations; to offer liaison between broadcasters and manufacturers interpreting the problems of each; to conduct a program of promotion and publicity aimed at stimulating public interest, and to provide a competent and accurate service for the truthful dissemination of information concerning FM. Membership includes individuals and companies who have an FM station, a construction permit or an application on file with the FCC for one.

## Hollywood Victory Committee For Stage, Screen and Radio

415½ North Beverly Drive, Beverly Hills, California  
Phone: Crestview 5-1171

### OFFICERS

Chairman ..... Kenneth Thomson  
Vice-Chairman ..... Mark Sandrich  
Treasurer ..... Bert Allenberg  
Secretary ..... Howard Strickling  
Asst. Secretary ..... Arch Reeve  
Executive Administrator ..... Marco Wolff

### ORGANIZATIONS REPRESENTED

Actors Equity Association  
American Federation of Radio Artists  
American Guild of Musical Artists  
American Guild of Variety Artists  
American Society of Composers, Authors and Publishers  
Artists Managers Guild  
Association of Motion Picture Producers  
Hollywood Writer's Mobilization  
Independent Publicists Society  
Musicians Mutual Protective Association  
Public Information Committee of the Motion Picture Industry  
Radio Networks  
Radio Writers Guild

Screen Actors Guild  
Screen Directors Guild  
Screen Publicists Guild  
Screen Writers Guild  
Southern California Broadcasters Association  
Theatre Authority, Inc.  
War Activities Committee

## FUNCTIONS

This committee was formed as a means of coordinating the requests for "free talent" and as a means of offering protection to the actors, the studios and the radio networks in Hollywood, so far as authentication of requests is concerned, and so far as accurate check as to the officialdom of the sources of requests for "free talent." This body is charged with the approval or rejection of all requests for "free talent" in Hollywood. All requests for "free talent" whether to studios, organizations of individual stars, are to be referred to this committee for action.

A sub-committee, the Hollywood Talent Committee, is charged, after the main committee has approved a request officially, with the coordination of the various industry elements involved in fulfilling the request.

## The Institute for Education by Radio

Established 1930  
Ohio State University, Columbus, Ohio  
UNiversity 3148, Extension 708

### OFFICERS

Honorary Director ..... W. W. Charters  
Director ..... I. Keith Tyler  
Executive Secretary ..... Ardis Hillman Wheeler

### PROGRAM COMMITTEE

William Wallace Beavers, Program Director, WCOL; R. C. Higgy, Director, WOSU; T. C. Holy, Director, Bureau of Educational Research, Ohio State University; Irwin A. Johnson, Director of Developmental Programs, WBNS; John Moses, Production Manager, WHKC; H. W. Nisonger, Chairman, University Radio Education Committee; I. Keith Tyler, Director of the Institute.

### FUNCTIONS

This annual national conference was established in 1930 at the Ohio State University to provide for joint discussion, by broadcasters, educators and civic leaders, of the problems of educational broadcasting. The program is devoted chiefly to consideration of the policies and techniques of radio and is developed from the suggestions and recommendations of those attending the Institute in previous year. No resolutions are passed. The Institute also sponsors the American Exhibition and Citations of Educational Radio Programs which gives awards and honorable mentions to outstanding program series.

## Institute of Radio Engineers, Inc.

330 West 42nd St., New York 18, N. Y.  
MEDalion 3-5661

### OFFICERS

President ..... W. L. Everitt  
Vice-President ..... H. J. Vander Bill  
Treasurer ..... R. A. Heising  
Secretary ..... Haraden Pratt

### FUNCTIONS

The Institute of Radio Engineers is a professional organization of engineers in radio and allied fields. It publishes a magazine entitled "Proceeding of the I. R. E." and conducts meetings in New York and various other cities in the United States, Canada, and Argentina.

## Intercollegiate Broadcasting System, Inc.

507 Fifth Ave., New York, N. Y.  
Vanderbilt 6-6075

### OFFICERS

President ..... George Abraham  
Program Manager ..... Harriette Slose  
Business Manager ..... Louis M. Bloch

### BRANCH OFFICE

706 Sanders Ave., Schenectady 2, N. Y.  
Technical Manager ..... David W. Borst

### FUNCTIONS

Intercollegiate Broadcasting system is a non-profit association of college campus radio stations and has as its purpose the furtherance of education, entertainment and goodwill among its members. The IBS maintains for the benefit of its members program, business and technical departments. Member stations include the following: University of Alabama, Antioch College, Brown University, Barnard College, College of Albert I. Leopoldville, Belgium Congo, Columbia University, University of Connecticut, Cornell University, Georgetown University, Hamilton College, Harvard University, Haverford College, Knox College, University of Maryland, Ohio University, Ohio State University, Pembroke College, Princeton University, Rhode Island State College, St. Edwards University, Swarthmore College, Union College, Wellesley College, Wesleyan University, Williams College, and Yale University.

## Interdepartment Radio Advisory Committee (IRAC)

Chairman's Office: Federal Communications Commission, Washington, D. C.

### OFFICERS

Chairman ..... Comdr. P. D. Miles  
Vice-Chairman ..... Capt. E. M. Webster  
Secretary ..... M. H. Woodward  
Assistant Secretary ..... L. R. Brady

### MEMBERS

Department of Agriculture ..... E. W. Loveridge  
Department of Commerce ..... Dr. J. H. Dellinger  
Federal Communications Commission ..... E. K. Jett  
Department of Interior ..... S. L. Windes  
Department of Justice ..... E. P. Coffey  
Maritime Commission ..... D. S. Brierly  
Department of Navy ..... Comdr. Paul D. Miles  
Post Office Department ..... Roy M. Martin  
Department of State ..... H. B. Otterman  
Department of Treasury ..... Capt. E. M. Webster  
Department of War ..... Lt. Col. A. G. Simson

### ALTERNATE MEMBERS

Department of Agriculture ..... E. C. Wagner  
Department of Commerce ..... L. H. Simson  
Federal Communications Commission ..... M. H. Woodward  
Department of Interior ..... Howard F. Carl  
Department of Justice ..... H. J. Walls  
Navy Department ..... Lt. W. R. Foley  
Department of State ..... Helen G. Kelly  
Department of Treasury ..... Lt. Comdr. A. L. Budlong  
Department of War ..... Lt. Col. William E. Plummer

### FUNCTIONS

This committee, composed of representative officials from the various government departments and agencies is charged with advising the President in regard to the assignment of frequencies to government station or classes of station. Little of the committee's work is divulged for public information because of its nature (e.g. National Defense), which is confidential.

## International Brotherhood of Electrical Workers

1200 Fifteenth St., N.W., Washington 5, D. C.  
District 3764

### OFFICERS

International President ..... Ed J. Brown  
International Secretary ..... G. M. Bugniazet  
International Rep. for Radio Broadcasting ..... W. L. Reed

### FUNCTIONS

The International Brotherhood of Electrical Workers is an affiliate of the American Federation of Labor having jurisdiction over technicians, and engineers in radio broadcasting. IBEW unions of radio broadcast technicians and engineers have been established throughout the United States, and approximately 400 standard commercial broadcast stations have collective bargaining agreements with IBEW.

## The Lambs

130 W. 44th St., New York 18, N. Y.  
BRyant 9-8020

### OFFICERS

Shepherd ..... John Golden  
Boy ..... Raymond Eck  
Corresponding Secretary ..... Bobby Clark  
Recording Secretary ..... Jack Whiting  
Treasurer ..... James E. Meighan  
Librarian ..... John S. (Ole) Olson

### DIRECTORS

Kenneth Webb, Earl Benham, John McManus, Percy Moore, William P. Adams, Walter N. Greaza, Richard Taber, Otto Harbach, Elliott Nugent, Joseph S. Buhler, Ward Wilson, Emil Friedlander, Bruce Evans, Arthur Maitland, William J. Kelly.

LIFE DIRECTORS: R. H. Burnside, A. O. Brown, William Gaxton, Fred Waring.

## Market Research Council

New York 17, N. Y.  
c/o BBDD, 383 Madison Ave.  
ELdorado 5-5800 (ask for R. N. King)

### OFFICERS

President ..... Ray Robinson  
Vice-President ..... Edw. Battery, Jr.  
Secretary-Treasurer ..... Robert N. King

### EXECUTIVE COMMITTEE

Ray Robinson, Edw. Battery, Jr., Robert N. King, D. B. Lucas, A. W. Lehman.

### FUNCTIONS

This organization is a small informal group (limited membership) of leading market research men interested in general market research who meet monthly for a discussion of mutual problems.

## Music Publishers' Protective Association, Inc.

45 Rockefeller Plaza, New York, N. Y.  
Circle 6-3084

### OFFICERS

Chairman of the Board ..... Walter G. Douglas  
President ..... Lester Santly  
Vice-President ..... Jack Mills  
Secretary ..... J. J. Bregman  
Treasurer ..... Richard F. Murray  
Agent and Trustee ..... Harry Fox

## National Association of Broadcasters

1760 "N" Street, N.W., Washington 6, D. C.  
National 2080

### OFFICERS

President ..... J. Harold Ryan  
Secretary-Treasurer ..... C. E. Arney, Jr.

### ADMINISTRATIVE STAFF

Director of War Activities ..... Robert T. Bartley  
Director of Broadcast Advertising ..... Lewis H. Avery  
Director of Public Relations ..... Willard D. Egolf  
Director of Engineering ..... Howard S. Frazier  
Director of Research ..... Paul F. Peter  
Director of Circulation and Promotion ..... Arthur C. Stringer

## ORGANIZATIONS

General Counsel for Labor Relations John Morgan Davis  
 Assistant Director of Broadcast Adv. Helen Cornelius  
 Assistant Director of Research Helen H. Schaefer

### BOARD OF DIRECTORS

Chairman, J. Harold Ryan, NAB, Washington, D. C.  
 District

- 1—Paul Morency, WTIC, Hartford, Conn.
- 2—Kolin Hager, WCY, Schenectady, N. Y.
- 3—Roy F. Thompson, WFBC, Altoona, Pa.
- 4—Campbell Arnoux, WTAR, Norfolk, Va.
- 5—John C. Bell, WBRC, Birmingham, Ala.
- 6—Hoyt B. Wooten, WREC, Memphis, Tenn.
- 7—Nathan Lord, WAVE, Louisville, Ky.
- 8—John E. Fetzer, WKZO, Kalamazoo, Mich.
- 9—Leslie C. Johnson, WHBF, Rock Island, Ill.
- 10—John J. Gillin, Jr., WOW, Omaha, Nebr.
- 11—E. L. Hayek, KATE, Albert Lea, Minn.
- 12—William B. Way, KVOO, Tulsa, Okla.
- 13—Hugh A. L. Halff, WOAI, San Antonio, Texas
- 14—Hugh B. Terry, KLZ, Denver, Colo.
- 15—Arthur Westlund, KRE, Berkeley, Calif.
- 16—William B. Ryan, KFI, Los Angeles, Calif.
- 17—Harry R. Spence, KXRO, Aberdeen, Wash.

### FUNCTIONS

The object of this Association shall be to foster and promote the development of the art of radio broadcasting; to protect its members in every lawful and proper manner from injustices and unjust exactions; to foster, encourage and promote laws, rules, regulations, customs and practices which will be for the best interest of the public and the radio industry.

## National Assn. of Performing Artists

630 Fifth Ave., New York, N. Y.  
 Circle 7-8194

### OFFICERS

Honorary President.....Josef Hofmann  
 President.....James J. Walker  
 Vice-President.....Fred Waring  
 Vice-President.....Meyer Davis  
 Vice-President.....Paul Whiteman  
 Vice-President.....Al Jolson  
 Treasurer.....Don Voorhees  
 General Counsel.....Maurice J. Speiser

### BOARD OF DIRECTORS

Fred Waring, Chairman; Connie Boswell, Noel Coward, Bing Crosby, Meyer Davis, Mary Garden, Benny Goodman, Jascha Heifetz, Lewis James, Al Jolson, Arthur W. Levy, Guy Lombardo, John McCormack, Grace Moore, Ray Noble, Walter O'Keefe, Dick Powell, Fritz Reiner, Fabien Sevitsky, Nathaniel Shilkret, Lawrence Tibbett, Rudy Vallée, Don Voorhees, James J. Walker, Paul Whiteman, Victor Young, Efrem Zimbalist.

### FUNCTIONS

The object of the Association is to protect the recordings of its members and the prevention of their unauthorized use primarily by broadcast stations, coin-operated machines, etc.

## Nat'l Assn. Educational Broadcasters

Exec. Secy., Radio Station WILL, Univ. of Illinois,  
 Urbana, Illinois  
 Urbana 7-2616.

### OFFICERS

President, Acting.....Allen Miller  
 (KOAC, Corvallis, Ore.)  
 Treasurer.....W. I. Griffith  
 (WOI, Ames, Iowa)  
 Executive Secretary.....Frank Schooley  
 (WILL, Urbana, Illinois)

### FUNCTIONS

To further the interests of educational broadcasting stations and educators broadcasting over commercial stations.

## National Better Business Bureau, Inc.

405 Lexington Ave., New York 17, N. Y.  
 Murray Hill 6-3535

### OFFICERS

President.....R. P. Clayberger  
 Vice-President.....Phillips Wyman  
 Secretary.....Warren C. Agry  
 Treasurer.....John L. Anderson  
 General Manager.....Edward L. Greene

### FUNCTIONS

This organization assists the public, advertisers and publishers to avoid false and deceptive advertising. It cooperates with law enforcement agencies in this work.

## National Independent Broadcasters (NIB)

President's Office: 501 Madison Ave., New York, N. Y.  
 Washington Office: Edmonds Bldg., 917 Fifteenth St., N.W., Washington, D. C.  
 Phone, Republic 3607

### OFFICERS

President.....Harold A. Lafount  
 General Counsel.....Andrew W. Bennett

### FUNCTIONS

This association was organized and is operated by independently owned and operated stations, as distinguished from national networks and stations owned or managed by national networks, to meet the need of special representation for such independently owned stations in handling the problems and activities peculiar to them as a group. All broadcast stations are eligible for membership except stations owned or managed by national networks.

## National Industrial Advertisers Association, Inc.

100 E. Ohio St., Chicago, Ill.  
 Superior 8140

### OFFICERS

President.....James R. Kearney, Jr.  
 James R. Kearney Corp., 4235 Clayton Ave.,  
 St. Louis 10, Mo.  
 Vice-President.....Arnold Andrews  
 Andrews Co., 1324 W. Wisconsin Ave.,  
 Milwaukee 3, Wis.  
 Vice-President.....E. V. Creagh  
 American Chain & Cable Co.  
 Bridgeport 2, Conn.  
 Vice-President.....A. P. Parcel  
 Crane Limited, 1170 Beaver Hall Square,  
 Montreal, Que., Canada  
 Vice-President.....C. N. Kirchner  
 Independent Pneumatic Tool Co.,  
 600 W. Jackson Blvd., Chicago 6, Ill.  
 Vice-President.....J. M. McKibbin  
 Westinghouse Elec. & Mfg. Co.  
 511 Wood St., Pittsburgh 30, Pa.  
 Vice-President.....Louis J. Ott  
 Ohio Brass Co., 360 N. Main St., Mansfield, Ohio  
 Vice-President.....H. A. Sawin  
 Yuba Mfg. Co., 351 California St.,  
 San Francisco 4, Calif.

Vice-President.....Gordon Tuthill  
 Crucible Steel Co. of America,  
 405 Lexington Ave., New York 17, N. Y.  
 Secretary-Treasurer.....Walter M. Yogerst  
 Bodine Electric Co., 2254 W. Ohio St.,  
 Chicago 12, Ill.

Past President.....Frederic I. Lacksen  
 Hays Corporation, Michigan City, Ind.

**DIRECTORS**

Baltimore, H. C. Schuckle, Emery Advertising Co., Inc., Baltimore Life Bldg.; M. J. Donahue, Anchor Post Fence Co., 6500 Eastern Ave.; Boston, Ross M. Cunningham, Massachusetts Institute of Technology, Cambridge; George A. Sawin, Jr., Westinghouse Elec. & Mfg. Co., 10 High St.; Buffalo, Howard M. Robins, J. H. Williams & Co., 400 Vulcan St.; Herbert F. Barrett, Buffalo Meter Co., 2917 Main St.; Chicago, William A. Marsteller, Edward Vaive & Mfg. Co., Inc., East Chicago, Ind.; Fred C. Jones, The Creamery Package Mfg. Co., 1243 W. Washington St.; Cincinnati, Walter H. Spindler, Armo Drainage Products Association, Middletown, O.; W. D. Shannon, Allis Chalmers Mfg. Co., Norwood, Ohio; Cleveland, Ernest C. Roberts, Clark Controller Co., 1146 E. 152nd St.; Wilmer H. Cordes, American Steel & Wire Co., Rockefeller Bldg.; Columbus, W. T. Burgess, Denison Engineering Co., 1160 Dublin Road; L. H. McReynolds, Jeffrey Manufacturing Co., East First Ave.; Detroit, E. R. Dunn, Bull Dog Electric Products Co.; 7610 Joseph Campau Ave., John A. Marshall, Wolverine Tube Co., 1411 Central Ave.; Houston, Harry O. Heller, Reed Roller Bit Co.; W. H. Tipton, Jr., Franke, Wilkinson-Schiewetz, Inc., Cotton Exchange Bldg.; Indianapolis, Howard C. Caldwell, Caldwell-Baker Co., 1204 Merchants Bank Bldg.; Harold A. Quinlan, Spencer W. Curtiss, Inc., 901 Circle Tower; Los Angeles, Richard F. O'Mara, Western Precipitation Corp., 1016 W. Ninth St.; M. L. Gowans, Darwin H. Clark, 541 S. Spring St.; Milwaukee, Francis M. Higgins, Four Wheel Drive Auto Co., 12th St.; Clintonville, Wis., E. J. Goes, The Koehring Co., 3026 W. Concordia Ave.; Minnesota, Alfred Colle, Alfred Colle Co., 510 New York Life Bldg.; Minneapolis, S. A. Osborn, Economics Laboratory, Inc., 914 Guardian Bldg., St. Paul; Montreal, Gordon L. Hale, Canadian Tube & Steel Products, Ltd., 5765 Hamilton St.; A. R. McGill, Cookfield, Brown & Co., Ltd., Canada Cement Bldg.; New Jersey, C. E. Gischel, Walter Kidde & Co., Inc., 140 Cedar St.; New York, N. Y., Edward & Pechin, E. I. du Pont de Nemours & Co., Inc., Arlington, N. J.; New York, Alfred M. Street, Jenkins Bros., 80 White St.; Bernard Dolan, Peter A. Frasse & Co., 17 Grand St.; Philadelphia, A. O. Witt, Schramm, Inc., West Chester, Pa.; James S. McCullough, Yale & Towne Mfg. Co., 4530 Tacony St.; Pittsburgh, J. A. Burgess, Gulf Oil Corp., Gulf Bldg.; Charles W. Kalbfus, The Elliott Co., Jeanette, Pa.; Rochester, A. C. Moore, General Railway Signal Co., 801 West Ave.; Herbert R. Hanson, The Pfaudler Co., 89 East Ave.; Rockford, W. C. Calloway, Barber-Colman Co., 215 S. Loomis St.; Roscoe C. Brightup, Greenlee Bros. & Co., 2135 Twelfth Street; St. Louis, T. W. Brossel, White-Rodgers Electric Co., 1209 Cass Ave.; Oakleigh R. French, N. French & Associates, 4235 Lindell Blvd.; San Francisco, H. S. Schuler, Westinghouse Elec. & Mfg. Co.; Montgomery St.; W. H. Wilde, The McCarty Co., 116 New Montgomery St.; Toledo, H. M. Wertz, Toledo Steel Products Co., 724 Monroe St.; Sam K. Beetham, Owens Illinois Glass Co., Ohio Bldg.; Toronto, T. H. Dowsett, Trane Company of Canada, Ltd., 4 Mowat, Ave., H. A. Standing, Gypsum, Lime and Alabastine, Canada, Ltd., 50 Midland St.; Western New England, Fred Emerson, Spartan Saw Works, Inc., 152 Fisk Ave., Springfield, Mass., T. V. Husk, Farrel-Birmingham Co., Inc., 25 Main St., Ansonia, Conn.; York, Frank W. Pensinger, York Corp., Roosevelt Ave., York, Pa.; A. M. Wearstler, Wearstler Advertising, Inc., 20 W. Front St.; At-Large, Howard Kenyon, LaPlant Choate Mfg. Co., Inc., Cedar Rapids, Iowa, Dar Johnson, Hyster Company, 2902 N. E. Clackamas St., Portland, Ore.

**FUNCTIONS**

This organization is a trade association devoting its efforts exclusively to the advancement of industrial advertising and marketing technique and practice.

**National Variety Artists, Inc.**

223-5 W. 46th St., New York, N. Y.  
Columbus 5-2638

**OFFICERS**

President ..... Louis Handin  
First Vice-President ..... Jack Boyle  
Second Vice-President ..... Juliet Heath  
Treasurer ..... Frank O'Connell  
Recording Secretary ..... Rosa Crouch

**DIRECTORS**

Charles Preston, Leon E. Bendon, Vic Christie, Bert Spencer, Joe Woods, Wilbur Held, Jim Mooney, John K. Hawley, Joe Verdi, Harry Jackson.

**BOARD OF TRUSTEES**

Phil Kelly, Bob Robbins, George Matthews, Hans Robert, Lilliam Weed, Henry Lewinsohn.

**FUNCTIONS**

The function of National Variety Artists, Inc., is to promote Americanism and fraternal and welfare activities among the members of the theatrical profession. Open house for Boys in Service.

**Nebraska Broadcasters Association**

Secretary's Office: c/o WJAG, Norfolk, Nebr.  
Phone: 432

**OFFICERS**

President ..... Paul R. Fry  
(KBON, Omaha)  
Vice-President ..... Lumir Urban  
(KORN, Fremont)  
Secretary-Treasurer ..... Art Thomas  
(WJAG, Norfolk)

**DIRECTORS**

Hugh Feltis, KFAB, Lincoln; Wick Heath, KMMJ, Grand Island; John J. Gillin, Jr., WOW, Omaha.

**MEMBER STATIONS**

KBON, Omaha; KFAB, Lincoln; KFOR, Lincoln; KGFW, Kearney; KOKY, Scottsbluff; KODY, North Platte; KHAS, Hastings; KMMI, Grand Island; KORN, Fremont; KOWH, Omaha; KOIL, Omaha; WJAG, Norfolk; WOW, Omaha.

**Northern California Broadcasters Association**

c/o C. L. McCarthy, Secretary  
KQW San Francisco Studios  
140 Jessie St., San Francisco, Calif.

**OFFICERS**

President ..... Arthur Westlund  
(KRE, Berkeley)  
Secretary-Treasurer ..... C. L. McCarthy  
(KQW, San Jose)

**FUNCTIONS**

The Northern California Broadcasters Assn. is an informal organization established to discuss and work out problems common to the broadcasting stations in the territory.

**Ohio Association of Broadcasters**

22 E. Gay St., Columbus, Ohio  
Phone, Adams 1101

**OFFICERS**

President ..... Robert T. Mas  
(WMRN, Columbus)  
Vice-President ..... Arch Shaud  
(WTOL, Toledo)  
Secretary-Treasurer ..... Carl M. Everson  
(WHKC, Columbus)

**FUNCTIONS**

Trade organization. The purpose to be of mutual benefit in all matters pertaining to the welfare of radio.

**Pacific Advertising Association**

Charles W. Coller, Managing Director  
337 Monadnock Building  
San Francisco, Calif.  
GARfield 6868



# ORGANIZATIONS

## OFFICERS AND DIRECTORS

President—George Weber, Partner, Mac Wilkins, Cole & Weber, Seattle, Wash.  
 Senior Vice-President—Charles A. Storke, Assistant Publisher, News-Press, Santa Barbara, Calif.  
 Secretary-Treasurer—Vernon Churchill, Assistant to the Publisher, The Oregon Journal, Portland, Ore.  
 Vice-President at Large—Mrs. Edith W. Irwin, Secretary, Fresno Irrigation District, Fresno, Calif.  
 Vice-President, District No. 1—Joseph Corne'ius, Assistant Cashier, The First National Bank in Spokane, Spokane, Wash.  
 Vice-President, District No. 2—Gilbert L. Stanton, Director of Advertising and Public Relations, Idaho Power Co., Boise, Idaho.  
 Vice-President, District No. 3—H. Quinton Cox, Assistant Manager, Radio Station KGW, Portland, Ore.  
 Vice-President, District No. 4—Robert S. Hunter, President, Hunter Advertising Co., Oakland, Calif.  
 Vice-President, District No. 5—Norwood Hoyt Fawcett, Transit Advertising Co., San Diego, Calif.  
 Past President—Maurice W. Heaton, Vice-President, Williams, Lawrence & Cresmer, Los Angeles, Calif.  
 Chairman, Finance Committee—Howard Willoughby, Vice-President and General Manager, Lane Publishing Co., San Francisco, Calif.  
 Chairman, Club Service Committee—Miss Benet Hanau, Secretary, Advertising Counselors, Inc., Phoenix, Ariz.  
 Chairman, Advancement of Business Committee—Don Belding, Chairman of the Board, Foote, Cone & Belding, Los Angeles, Calif.  
 Chairman, Pacific Coast Advertising Commission—George W. Kleiser, President, Foster & Kleiser Co., San Francisco, Calif.  
 Chairman, Senior Advisory Committee, Junior Division—Mrs. Claire Drew Forbes, Advertising Manager, Rhodes Department Store, Seattle, Wash.  
 Chairman, War Activities Committee—Robbins Milbank, McCann-Erickson, Inc., San Francisco, Calif.

### FUNCTIONS

The Pacific Advertising Association, now in its 42nd year, is organized for the purpose of achieving a better understanding of advertising in our American life. The Association, through its 2,800 members, has energetically pursued this purpose in all of its many divisions of work; in the Advertising Clubs, in annual conferences, and in its aggressive Advancement of Business Program.

## Pennsylvania Broadcasters Assn.

P. O. Box 11, Harrisburg, Pa.

### OFFICERS

President.....Clair R. McCollough  
 (WGAL, Lancaster)  
 Secretary.....C. G. Moss  
 (WKBO, Harrisburg)  
 Treasurer.....Dr. Leon Levy  
 (WCAU, Philadelphia)

### DIRECTOR

Ray Thompson, WFBC, Altoona.

### FUNCTIONS

This organization is a mutual association of the broadcasting stations of Pennsylvania, formed for the purpose of conducting business negotiations concerning matters of interest to the radio broadcasting stations of the state. Its membership is active on the part of practically every station in the state.

## Professional Music Men, Inc.

1270 Sixth Ave., New York, N. Y.  
 Columbus 5-7362

### OFFICERS

President.....Rocco Vocco  
 First Vice-President.....Joseph Santly

Second Vice-President.....Charles Warren  
 Third Vice-President.....Phil Kornheiser  
 Treasurer.....Irving Tanz  
 Financial Secretary.....Michael L. Schloss  
 Recording Secretary.....Louis E. Schwartz  
 Sergeant-at-Arms.....David Kent  
 Executive Director.....Bob Miller

### BRANCH OFFICES

19 S. La Salle St., Chicago, Ill.  
 Regional Director.....Morton Schaefer  
 1549 N. Vine Street, Hollywood, Calif.  
 Regional Director.....Nat Winecoff  
 36 East Fifth Street, Cincinnati, Ohio  
 Regional Director.....Danny Engel  
 433 Little Building, Boston, Mass.

### FUNCTIONS

Charitable and Beneficial Organization.

## The Radio Club of America, Inc.

11 W. 42nd St., New York, N. Y.  
 Longacre 5-6622

### OFFICERS

President.....F. A. Klingenschmitt  
 Vice-President.....O. James Morelock  
 Treasurer.....J. J. Stantley  
 Corresponding Secretary.....M. B. Sleeper  
 Recording Secretary.....J. H. Bose

### FUNCTIONS

Object of the club is the promotion of cooperation among those interested in scientific investigation and amateur operation in the art of radio communication. Meetings are held monthly from September through June at Columbia University. Proceedings are published approximately six times a year (see listing under publications contained in this volume).

### DIRECTORS

Ernest V. Amy, E. H. Armstrong, G. E. Burghard, J. L. Callahan, L. C. F. Horle, H. W. Houck, Frank King, R. R. Batchter, C. E. Dean, A. Hazeltine, R. A. Lidbury, J. Weave, Paul Ware.

## Radio Council—WBEZ (FM)

Chicago Public Schools  
 228 N. La Salle St., Chicago, Ill.  
 Dearborn 7801

### PERSONNEL

Director (on military leave).....Lt. Col. H. W. Kent  
 Acting Director.....George E. Jennings  
 Program Director.....Elizabeth E. Marshall  
 Production Head.....Robert R. Miller  
 Engineer.....E. H. Andresen

### EXECUTIVE COMMITTEE

#### SCHOOL BROADCAST CONFERENCE

Dean Douglass, RCA, Chicago; Robert Hansen, WIND, Chicago; David Heffernan, Assistant Superintendent, Cook County Schools, Chicago; George Jennings, Director, School Broadcast Conference, Chicago; Lt. Col. Harold W. Kent, Honorary Chairman, SBC Executive Committee; Elizabeth E. Marshall, Program Director, Radio Council WBEZ, Chicago; William Newton, BBC, Chicago; Myrtle Stahl, WGN-MBS, Chicago; E. Jerry Walker, WLS, Chicago; Judith Waller, NBC, Chicago; Florence Warner, CBS, Chicago; Al Hattis, WJJD, Chicago.

### FUNCTIONS

The Radio Council of the Chicago Public Schools operate a non-commercial FM station and is a producing group primarily interested in presenting in-school broadcasts for classroom use. The Council also produces many out-of-school programs over standard Chicago stations. Conducts the annual

School Broadcast Conference (9th Annual Meeting—1945) which is interested in promoting better use of radio in the schools and publishes literature in this connection, as well as public service programs for community organizations; adult education and "educational" programs in general.

## Radio Directors Guild

The Gladstone  
114 E. 52nd St., New York, N. Y.  
PLaza 3-4300

### OFFICERS

#### New York Chapter

President.....Jerry Devine  
Vice-President and Chairman of Membership  
Committee.....William N. Robson  
Treasurer.....Harry Ackerman  
Secretary.....William M. Sweets  
Executive Secretary.....Helen Farrel Mount

#### Hollywood Chapter

President.....Don Bernard  
Vice-President.....Paul Franklin  
Secretary.....Thomas Freebairn-Smith  
Treasurer.....John Guedel  
Chairman Membership Committee.....Tony Stanford

### BRANCH OFFICE

1537 N. Vine St., Hollywood, Calif.  
Hillside 2183

Don Bernard, President, Hollywood Chapter

### MEMBERS

New York Chapter: Harry Ackerman, Wendell Adams, Wylie Adams, Addison Amor, Martin Andrews, Corp. Ira Ashley, Ira Avery, Oliver Barbour, Lt. Howard G. Barnes, John Becker, Joseph Bell, Gertrude Berg, Lawrence Berns, Frederick Bethel, Fritz Blocki, Roger Bower, Marguerite H. Bowman, William Brennan, Stuart Buchanan, John Buckwalter, Maj. Edward A. Byron, Ralph Starr Butler, Jr., Edmund L. Cashman, Dick Charles, Jay Clark, John Cleary, Phil Cohan, Lee Cooley, Capt. Ted Corday, Norman Corwin, Walter Craig, George Creamer, Joseph M. Daly, Carlo De Angelo, Guy della-Cioppa, Jerry Devine, Norman Dicken, John Dietz, Edwin Duerr, Edwin L. Dunham, Paul Dumont, Carl Eastman, De Vere Engelbach, Garner Garrison, William Gernannt, Mark Goodson, Mitchell Grayson, Axel Gruenberg, Arthur Hanna, Jay Hanna, James Haupt, Tom Hicks, Jack Hill, Harry Holcombe, Garrett Hollihan, Jr., Lt. Clinton Johnson, Jack Johnstone, Ray H. Kremer, C. Bennett Larson, Anton M. Leader, Alexander Leftwick, Jr., Winifred Lenihan, Richard Leonard, Lt. (jg) David Levy, Roy Lockwood, Marx Loeb, Pvt. Joseph Losey, Basil Loughrane, John W. Loveton.

John Henry Macdonell, Lindsay MacHarrie, Kenneth W. MacGregor, Sherman A. MacGregor, Nila Mack, Martin Magner, Joseph Mansfield, William Marshall, Paul Martin, Harold McGee, Earle L. McGill, Walter John McGraw, II, Wesley McKee, Kathleen McMahon, Arnold Michaelis, John Dietrich Mitchell, Brester Morgan, Herbert M. Moss, Oliver Nicol, Robert Nolan, Lester O'Keefe, Eldridge Packham, Frank Papp, Edward Pola, Herbert S. Polesie, William S. Rainey, Capt. Irving K. Reis, Ernest Ricca, Herbert C. Rice, Thomas L. Riley, William N. Robson, Jack Roche, William P. Rousseau, Jack Rubin, Herbert C. Sanford, Richard Sanville, Victor Seydel, Robert L. Shayon, James Sheldon, Robert S. Steel, Paul Stewart, William M. Sweets, Frank K. Telford, William S. Todma, Day Tuttle, Willison M. Tuttle, Lester Vail, Thomas F. Viotor, Jr., Chick Vincent, Charles Warburton, Pvt. Albert Ward, Kenneth Webb, John Wellington, Pvt. Robert Welch, Orson Welles, George Wiest, Theodora Yates, Lt. George J. Zachary.

Cyril E. Armbrister, Ross Filion, John Wilson, Don Martin, Tom Bennett, William S. Doughten, Don Gillis, Paul Knight, George Maynard, Ace Ochs, Alton Alexander, Robert E. Smith, Oliver Daniel, Wesley B. Goodman, Keith P. Brown, Gene Dawley, Henry W. Dick, James H. Fassett, Walter Gorman, Robert P. Heller, Deric R. Leighton, Lou Chapin, Charles T. Harrell, Ted Huston, John S. Rugge, Robert Stevens, Walter Scanlan, James Whipple.

Hollywood Chapter: Carleton Alsop, Don Bernard, Ted Bliss, Murray Bolen, Don Clark, Myron Dutton, Earl Ebi, Paul Franklin, Thomas Freebairn-Smith, Martin Gosch, John Guedel, Robert Haffer, Tony Hardt, Gordon Hughes, Russ Johnston, Cal Kuhl, Bill Lawrence, Dick Mack, Arnold Marquis, Tom McAvity, Fred McKaye, Keith McLeod, Carleton Morse, Arch Oboler, Sam Pierce, Al Rinker, Bill Spier, Tony Stanford, Glenhall Taylor, Dave Titus, J. Donald Wilson, Bruce Kamman.

### FUNCTIONS

A voluntary association to advance, foster, promote and benefit the interests of directors of radio programs and to protect secure their rights in their professional activities.

## Radio Executives Club of New York

630 Fifth Ave., New York 20, N. Y.  
Circle 6-1750

### OFFICERS

President.....Warren Jennings  
Vice-President.....Linnea Nelson  
Secretary.....Claude Barrere  
Treasurer.....Helen A. Thomas

### FUNCTIONS

The major functions of the Radio Executives Club are: (1) to promote and encourage the use of radio broadcasting as an advertising medium; (2) to create a lasting fraternity of persons engaged in the business of radio; (3) to promote a better understanding of radio broadcasting and its attending problems; (4) to maintain a central bureau of employment for members of the club; (5) to provide a common meeting place for all persons engaged in the business of radio. Meetings are held twice monthly from October to May and membership is open to anyone engaged in the business of radio, subject to approval of the membership committee.

## Radio Manufacturers Association

1317 F Street, N. W., Washington, D. C.  
National 4901

### OFFICERS

President.....R. C. Cosgrove  
(Crosley Corp.)  
Executive Vice-President-General Manager  
Bond Geddes  
Vice-President.....E. A. Nichols  
(Farnsworth T. & R. Corp.)  
Vice-President.....David T. Schultz  
(Raytheon Mfg. Co.)  
Vice-President.....Walter Evans  
(Westinghouse Elec. & Mfg. Co.)  
Vice-President.....W. P. Hilliard  
(Bendix Radio)  
Vice-President.....J. T. White  
(Jensen Radio Mfg. Co.)  
Vice-President.....Robert C. Sprague  
(Sprague Elec. Co.)  
Treasurer.....Leslie Muter  
(The Muter Co.)  
General Counsel.....John W. Van Allen  
(Buffalo, N. Y.)  
Director of Publications.....James W. Douthart

### DIRECTORS

#### Term Expiring 1945

Ben Abrams, Emerson Radio & Phonograph Corp.; M. F. Balcom, Sylvania Electric Products, Inc.; R. C. Cosgrove, The Crosley Corporation; L. L. Kelsey, Stewart-Warner Corporation; J. J. Nance, Zenith Radio Corporation; Glenn W. Thompson, Noblitt-Sparks Industries, Inc.; Monte Cohen, The F. W. Sickles Co.; W. P. Hilliard, Bendix Radio; G. Richard Fryling, Erie Resistor Corp.; J. J. Kahn, Standard Transformer Corp.; George Lewis, Federal T. & R. Corp.

#### Term Expiring 1946

John Ballantyne, Philco Corp.; P. S. Billings, Belmont Radio Corp.; Paul V. Galvin, Galvin Mfg. Corp.;

## ORGANIZATIONS

E. A. Nichols, Farnsworth Television & Radio Corp.; David T. Schultz, Raytheon Mfg. Corp.; F. C. Best, Chicago Telephone Supply Co.; A. Blumenkrantz, General Instrument Corp.; S. I. Cole, Aerovox Corp.; Walter Evans, Westinghouse Elec. & Mfg. Co.; Frank M. Folsom, RCA Victor Division of RCA; F. R. Lack, Western Electric Company, Inc.

### FUNCTIONS

Non-profit, co-operative trade association for the promotion of all radio interests and special services to radio and electronic manufacturers.

## Radio Manufacturers Assn. of Canada

159 Bay St., Toronto, Ont., Canada  
Adelaide 1531

### OFFICERS

President.....R. M. Brophy  
Vice-President.....S. L. Capell  
Executive Secretary.....W. W. Richardson  
Chairman of Parts Division.....R. Randall  
Chairman of Engineering Committee.....A. B. Oxley  
Chairman of Service Committee.....W. A. White

### FUNCTIONS

This association is a non-profit and co-operative organization founded in 1926 to promote the interests of the radio manufacturing industry in Canada.

## Radio Script & Transcription Exchange, Federal Radio Education Committee

U. S. Office of Education, Washington, D. C.  
Republic 1820, Extension 2225

### OFFICERS

Acting Director.....C. F. Klinefelter  
Assistant Director.....Gertrude G. Broderick  
Radio Education Speciality.....R. R. Lowdermilk

### FUNCTIONS

The exchange is designed to promote more effective local broadcasting by educational and civic organizations and radio stations by serving as a clearing house for selected educational radio scripts, transcriptions and production aids, and as a source of all kinds of information pertaining to the field of educational radio.

## Radio Technical Planning Board

### OFFICERS

Chairman.....Dr. Walter R. G. Baker  
Vice-chairman.....Dr. Alfred N. Goldsmith  
Treasurer.....Bond Geddes  
Coordinator.....L. C. F. Horle  
Secretary.....W. B. Cowillich  
Asst. Secretary.....Mrs. Martha Kinzie  
Spectrum Utilization: A. N. Goldsmith, chairman;  
R. H. Manson, vice-chairman.  
Frequency Allocation: C. B. Jolliffe, chairman; F. M. Ryan, vice-chairman.  
H. F. Generation: R. M. Wise, chairman; H. F. Argento, vice-chairman.  
Standard Broadcasting: Howard Frazier, chairman;  
Burgess Dempster, vice-chairman.  
V. H. F. Broadcasting: G. E. Gustafson, chairman;  
C. M. Jansky, vice-chairman.  
Television: D. B. Smith, chairman; I. J. Kaar, vice-chairman.  
Facsimile: J. V. L. Hogan, chairman; C. J. Young, vice-chairman.  
Radio Communication: Haraden Pratt, chairman;

H. H. Beverage, vice-chairman.

Relay Systems: E. W. Engstrom, chairman; Ralph Bown, vice-chairman.

Radio Range, Direction & Recognition: E. M. DeLorraine, chairman; W. L. Webb, vice-chairman.

Aeronautical Radio: D. W. Rentzel, chairman; D. K. Martin, vice-chairman.

Ind., Scientific & Medical Equipment: C. V. Aggers, chairman; H. B. Marvin, vice-chairman.

Police, Emergency Services: D. E. Noble, chairman; Frank Walker, vice-chairman.

### FUNCTIONS

The RTPB formulates plans for the technical future of the radio industry and services, including frequency allocations and systems standardization, in accordance with the public interest and the technical facts. The Planning Board advises government, industry and the public of its recommendations. Such planning is restricted to engineering considerations.

## The Radio Writers' Guild of the Authors' League of America, Inc.

6 E. 39th Street, New York, N. Y.  
Murray Hill 5-6930

### OFFICERS

National President.....Peter Lyon  
Vice-Presidents: Eastern Region.....Robert Newman  
Middle Western Region.....Pauline Hopkins  
Western Region.....Sam Moore

### Offices:

New York City: 6 East 39th Street.  
Hollywood: 1655 North Cherokee.  
Chicago: Room 1116, 360 N. Michigan.

### NATIONAL COUNCIL

Eastern Region: Norman Corwin, Goodman Ace, Clifford Goldsmith, Kenneth Webb, Ruth A. Knight, Sylvia Berger, Julian Funt, Robert H. Lochner, Nora Stirling, Lynn Stone; Mid-Western Region: Ruth Waliser, David Peltz, Buelah Karney, Bernard Howard, Richard Durham, Bessie Jaffey, Louis Scofield, Ann Hunter, Sidney Gerson, Ruth Moenicke; Western Region: John Dunkel, Kathleen Hite, Arch Oboler, Arnold Marquis, Milton Merlin, Jack Robinson, Ashmead Scott, Abe Burrows, Harmon Alexander, Paul Franklin. Council Alternates—Eastern Region: Pegeen Fitzgerald, Carl Bixby, Max Ehrlich, Wade Arnold, Harry Hermann, Edmund Birnbryer, Robert T. Colwell, Theodore E. Ferro, Ira Marion, David Hall; Western Region: Maurice Zimm, John Boylan, Robert L. Richards, Stewart Sterling, Rupert Pray.

## Rocky Mountain Radio Council, Inc.

21 East 18th Ave., Denver 2, Colo.  
Keystone 5306

### OFFICERS

President.....C. B. Hershey  
Secretary.....James G. Allen  
Treasurer.....A. Helen Anderson

### EXECUTIVE COMMITTEE

W. D. Armentrout, Harry M. Crain, Roy M. Green, J. L. Morrill.

### FUNCTIONS

The Rocky Mountain Radio Council is a non-profit corporation of 30 organizations formed to give professional aid to educational organization in planning, preparing and producing their radio broadcasts. In 1944, it produced 361 programs for 16 organizations, which were re-broadcast 1,536 times from 19 commercial radio stations in the Rocky Mountain region. Recording studio facilities available for commercial work.

## SESAC, Inc.

475 Fifth Ave., New York 17, N. Y.  
Murray Hill 5-5365.

### OFFICERS

President ..... Paul Heinecke  
Treasurer ..... R. C. Heinecke

### FUNCTIONS

Licensing use of copyrighted music.

## Society of Jewish Composers, Publishers and Song Writers

152 W. 42nd St., New York, N. Y.  
LONgacre 5-9124

### OFFICERS

President ..... Sholom Secunda  
Vice-President ..... Rev. Pinchus Jassinowsky  
Treasurer ..... Alexander Olshanetsky  
Secretary ..... Henry Lefkowitz  
General Manager ..... Salom J. Perlmutter  
Counsel ..... A. Edward Masters

### FUNCTIONS

This association licenses public performance rights of music copyrighted by its members and on which they collect royalties. Association owns approximately 95 percent of the Jewish compositions.

## Society of Motion Picture Engineers

Hotel Pennsylvania, New York, N. Y.  
PEnnsylvania 6-0620

### OFFICERS (As of Jan 1, 1945)

President ..... D. E. Hyndman  
Past President ..... Herbert Griffin  
Executive Vice-President ..... Loren L. Ryder  
Engineering Vice-President ..... J. A. Maver  
Editorial Vice-President ..... A. C. Downes  
Financial Vice-President ..... A. S. Dickinson  
Convention Vice-President ..... W. C. Kunzmann  
Secretary ..... E. I. Williford  
Treasurer ..... M. R. Boyer  
Executive Secretary ..... Harry Smith, Jr.

### GOVERNORS

C. R. Keith, C. W. Handley, W. V. Wolfe, E. Sponable, H. W. Moyses, F. E. Carlson, E. M. Honan, J. I. Crabtree, P. Mole, C. R. Daily.

### FUNCTIONS

In addition to its motion picture activities, this association is actively interested in television. It publishes a monthly organ in which various subjects are discussed by men in the industry.

## Song Writers' Protective Association (SPA)

1250 Sixth Ave., New York 20, N. Y.  
COLUMbus 5-3758

### OFFICERS

President ..... Sigmund Romberg  
Vice-President ..... Charles Tobias  
Second Vice-President ..... Milton Drake  
Secretary ..... Sam H. Stept  
Treasurer ..... Abel Baer  
Counsel ..... John Schulman  
Executive Secretary ..... Sayre Marder

### FUNCTIONS

Song Writers' Protective Association aims to foster the interests of all persons engaged in writing musical compositions. By cooperative effort it seeks to eliminate inequitable conditions and harmful prac-

tices and to assist members when disputes arise over enforcement of contracts or the collection of royalties.

## Southern California Broadcasters' Association, Inc.

542 S. Broadway, Los Angeles 13, Calif.  
Michigan 8654

### OFFICERS

President ..... Lawrence W. McDowell  
(KFOX, Long Beach)  
Secretary-Treasurer ..... Harry Maizlish  
(KFWB, Los Angeles)

### FUNCTIONS

Membership of the Southern California Broadcasters' Association is composed of 30 southern California stations and 4 networks, represented in each case by its manager or senior executive. Meetings are devoted to discussion of industry problems, such as ASCAP, BMI, labor, engineering, code of ethics, agency recognition, coordination with governmental agencies, civic activities, etc.

## Sports Broadcasters Association (New York Chapter)

c/o Tom Slater, 1440 Broadway, New York, N. Y.  
PEnnsylvania 6-8600

### OFFICERS

President ..... Stan Lomax  
Vice-President ..... Bill Stern  
Vice-President ..... Sam Taub  
Treasurer ..... Jimmy Dolan  
Secretary ..... Tom Slater

### FUNCTIONS

It is the object of the Sports Broadcasters Association to promote the standard of the profession of sports broadcasting among its members and to disseminate sports information to its members through a regular weekly luncheon. Membership is restricted to any male person who is actively engaged in the profession of sports broadcasting whether as an announcer, commentator or writer.

## Television Associates, Inc.

190 N. State St., Chicago, Ill.

### OFFICERS

President ..... Charles Collette  
Vice-President ..... Chester C. Woolridge  
Secretary-Treasurer ..... E. C. Upton

### FUNCTIONS

Television Associates, Inc., was formed for the purpose of being a service organization to the television industry. Television apparatus developed from the Bill Eddy patents will be put on the market from time to time.

## Television Broadcasters' Assn., Inc.

500 Fifth Ave., New York, N. Y.  
Lackawanna 4-4788

### OFFICERS

President ..... Jack R. Poppele  
Vice-President ..... F. J. Bingley  
Secretary-Treasurer ..... Will Balrin  
Assistant Secretary-Treasury ..... O. B. Hanson

### DIRECTORS

Dr. Allen B. DuMont, Allen B. DuMont Laboratories, Inc.; F. J. Bingley, Philco Corp.; Curtis W. Mason, Earle C. Anthony; Jack R. Poppele, WOR, New York.

# ORGANIZATIONS

## FUNCTIONS

Founded January, 1944, as a non-profit organization of television broadcasters and others engaged in any business directly connected with television broadcasting. Objects are "to foster and promote the development of the art of television broadcasting; to protect its members in every lawful and proper manner; to foster, encourage and promote laws, rules, regulations, customs and practices which will be in the best interest of the public; to protect the interests of the members of the Association by opposing the enactment of adoption of any laws, rules, regulations, customs or practices which would discriminate against or in any way injure the members of this Association."

## Television Press Club of New York

c-o Miss Elizabeth Forsling  
Radio Editor, Newsweek  
152 West 42nd St., New York, N. Y.

### BOARD OF GOVERNORS

Chairman, Stanley Kempner, Retailing Home Furnishings; Vice-Chairman, Lewis Winner, Communications; Secretary, Elizabeth Forsling, Newsweek; Treasurer, Clifford E. Denton, Daily News; Committee Chairmen: Publicity, T. R. Kennedy, Jr., New York Times; Membership, Ben Kaufman, Television Magazine. Other Members: M. H. Shapiro, Radio Daily; Bruce Robertson, Broadcasting; Wanda Marvin, Billboard; Patricia Murray, Printer's Ink.

## FUNCTIONS

A non-profit, unsponsored organization, this informal group was formed in 1944. Membership is limited to the professional television press—writers covering tele for newspapers, magazines, the trade press, books, films and radio. Purpose is to foster the sound development of television by serving as a focal point for members of the tele press to meet regularly and discuss current trends. Prominent figures in television are invited as guest speakers for the luncheon meetings.

## Twenty Year Club

167 East 64th St., New York, N. Y.  
REgent 4-3344

Founder ..... H. V. Kaltenborn

## FUNCTIONS

The Twenty Year Club is an Honor Roll of men and women who have been associated with radio broadcasting for 20 years, and whose association antedates 1924. There are no dues, fees, officers, regular meetings, or other obligations. Two year books have been published.

## United States Department of Interior— Radio & Television Section

Interior Department Radio Studios, Washington, D. C.  
Republic 1820

### PERSONNEL

Director.....Shannon Allen  
Chief Script Writer.....Louis J. Hazam  
Chief Engineer.....Herbert F. Dengler

## FUNCTIONS

The Radio & Television Section of the Interior Department reports the functions and services of the offices and bureaus of the Department using all forms of radio and transcription production; serves all agencies of the Federal government through its studios and transcription production facilities.

## War Advertising Council, Inc.

60 West 42nd St., New York, N. Y.  
BRyant 9-3641

### OFFICERS

Chairman.....Harold B. Thomas  
(Sterling Drug, Inc.)  
Vice-Chairman.....Paul B. West  
(Association of Nat'l Adv.)  
Vice-Chairman.....Kerwin H. Fulton  
(Outdoor Adv., Inc.)  
Vice-Chairman.....William Reydel  
(Newell-Emmett Co.)  
Secretary-Treasurer.....Frederic R. Gamble  
(American Ass'n of Adv. Agencies)  
Executive Director.....Theodore S. Repplier  
(War Advertising Council, Inc.)

### BRANCH OFFICE

1010 Vermont Ave., Washington 5, D. C.  
Theodore S. Repplier, Executive Director  
Phone: District 9043

To provide a means for marshalling the forces of advertising so that they may be of maximum aid in the successful prosecution of the war.

## War Food Administration

Office of Distribution  
Radio & Market News Section  
Washington 25, D. C.  
Republic 4142—Extension 6373, 5707

### OFFICERS

Chief.....Elwyn J. Rowell  
Chief, Radio Unit.....Joe Tonkin

### BRANCH OFFICERS

CHICAGO: 5 So. Wabash Ave.; Jim Chapman, Chief, Radio 7/8 Market News.  
ATLANTA: Western Union Bldg.; Jim Romine, Chief, Radio & Market News.  
NEW YORK: 150 Broadway; Donald C. Lerch, Chief, Radio & Market News.  
SAN FRANCISCO: 821 Market St., J. D. Walsh, Regional Chief.  
DALLAS: 425 Wilson Bldg.; Harold Bryson, Chief, Radio & Market News.

### FUNCTIONS AND ACTIVITIES

This Section is responsible for all radio dissemination through national, regional and local programs of information from the Food Distribution Administration on Food Orders, Nutrition, Conservation, School Lunch, Food Supplies and Price Trends, and Farm Market Reports. It issues "Radio Round-Up On Food" weekly for Women's Program Directors, and in 20 cities issues Wartime Food Bulletins for use over local stations. Also prepares daily or weekly material for U. P., P. A. and I. N. S. radio wires. Writes and co-produces "Consumer Time," weekly broadcast over NBC now in its 12th year.

## ORGANIZATIONS

### Washington State Association of Broadcasters

207 East Market St., Aberdeen, Wash.  
Aberdeen 4098

#### OFFICERS

President.....Harry R. Spence

(KXRO, Aberdeen)

Vice-President.....Loren Stone  
(KIRO, Seattle, Wash.)

Secretary-Treasurer.....Robert Priebe

(KRSC, Seattle)

#### FUNCTIONS

The Washington State Association of Broadcasters is an organization formed for the mutual protection, the exchange of commercial ideas and the education of its members in matters pertaining to radio.

### Western Association of Broadcasters

109 C. P. R. Building  
Edmonton, Alberta, Canada  
Telephone 22101

#### OFFICERS

President .....G. R. A. Rice  
(CFRN, Edmonton, Alberta)

#### DIRECTORS

R. H. Elphicke, G. Gaetz, A. A. Murphy.

#### FUNCTIONS

At the 1944 Convention the constitution of the W. A. B. was changed to eliminate regional directors. Three directors are now elected by ballot, and these three, in addition to the president, constitute the nominees from the Western Association of Broadcasters to the Board of Directors of the Canadian Association of Broadcasters.

### Writers' War Board

122 East 42nd St., New York, N. Y.  
MUrray Hill 3-6800, Ext. 293

Chairman.....Rext Stout  
Executive Secretary.....Fredericca Barach

#### MEMBERS

Franklin P. Adams, Carl Carmer, Robert T. Colwell, Russel Crouse, Clifton Fadiman, Paul Gallico, Jack Goodman, Samuel Grafton, Alan Green, Oscar Hammerstein, II, Rita Halle Kleeman, Robert J. Landry, Margaret Leech, John P. Marquand, Katharine Seymour, William L. Shirer, Luise Sillcox.

#### ADVISORY COUNCIL

Louis Adamio, Frederick Lewis Allen, Faith Baldwin, Margaret Culklin Banning, William Rose Benet, Roark Bradford, Louis Bromfield, Van Wyck Brooks, Katharine Brush, Sidney Buchman, Pearl Seidel Canby, Mary Ellen Chase, Marc Connelly, Norman Corwin, Bernard DeVoto, Walter D. Esmonds, Edna Ferber, Dorothy Canfield Fisher, Corey Ford, Rose Franken, Lewis Gunnett, John Gunther, Langston Hughes, Fannie Hurst, Marquis James, Owen Johnson, MacKinlay Kantor, George S. Kaufman, John Kieran, Manuel Komroff, Joseph Wood Krutch, Christopher LaFarge, Howard Lindsay, Edna St. Vincent Millay, Edward R.

Murrow, Robert Nathan, Allan Nevins, Clifford Odets, Eugene O'Neill, Donald Culrose Peattie, Fletcher Pratt, Marjorie Kinnan Rawlings, Quentin Reynolds, Elmer Rice, Mary Roberts Rinehart, Kenneth Roberts, Frank Sullivan, Dorothy Thompson, Sophie Kerr Underwood, Carl Van Doren, Mark Van Doren, Hendrik William Van Loon, Walter White, William L. White, Margaret Waddemer, Thornton Wilder.

#### FUNCTIONS

The Writers' War Board is a private organization. It is financed by private contributions. Its chairman and members receive no salary or reimbursement for expenses incurred, from the Government or any other source. However, the Government, through the Office of War Information, maintains a liaison office for the use of the Writers' War Board in its co-operation with various Government departments. An accountant, the author of two books on taxation, has calculated that in this manner these Government departments have secured two tons of manuscripts at two per cent of the market price. Since it is a reasonable assumption that the scripts have been a factor, not negligible, in the struggle for the victory we are sure of and the lasting peace we are determined to get, certainly no writer will begrudge the Government the bargain it picked up.

### Woman's National Radio Committee

113 West 57th St., New York 19, N. Y.  
Circle 7-4110

#### OFFICERS

Chairman.....Mme. Yolanda Mero-Irion  
Vice-Chairman.....Mrs. D. Leigh Colvin  
Second Vice-Chairman.....Mrs. Marion M. Miller  
Secretary.....Miss Helen Havener  
Treasurer.....Mrs. M. D. Jackson  
Executive Secretary.....Mrs. Rosalie Wolt  
Members-At-Large.....Mrs. Sidonie M. Gruenberg,  
Mrs. Mary F. Larkin, Mrs. Marion M. Miller, Mrs.  
Emory Ross, Mrs. Jesse M. Bader, Mrs. Bettina Gunczy.

#### FUNCTIONS

This committee has for its purpose to raise the standard of radio programs for adults, young people and children by: (1) retaining on the air the finer type of program; (2) removing objectionable features; (3) improving advertising content of broadcasts; (4) encouraging the production and presentation of more fine programs, worthwhile from the educational, cultural and entertainment viewpoint.

### WSTP (Piedmont Broadcasting Corp.)

Yadkin Hotel, Salisbury, N. C.  
Salisbury 2121

#### OFFICERS

President.....Bryce P. Beard  
Vice-President.....J. F. Hurley  
(WGNC, Gastonia)  
Secretary and Treasurer.....Gene Dorton  
(WBT, Charlotte)  
Manager.....W. J. Murphy  
Comm. Manager.....Katherine F. Murphy  
Program Director.....W. C. Mitcham  
(WCBT, Roanoke Rapids)

#### BRANCH OFFICE

Suwanee Bldg., Kanopolis, N. C. Kanapolis 99.  
W. C. Mitcham, Asst. Mgr.

#### FUNCTION

Radio broadcasting.

# NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS

As of January 1, 1945

Call	Institution	Frequency	Power	Licensed Hours
KFJM	University of North Dakota	1440	1 kw—LS; 500 w N	SH—KILO
KFKU	University of Kansas	1250	5 kw—LS; 1 kw—N	ST—WREN
KOAC	Oregon State College	550	5 kw—LS; 1 kw—N	Unlimited
KUSD	University of South Dakota	920	500 w	ST—KFNF
KWLC	Luther College	1240	250 w—D	Daytime
KWSC	State College of Washington	1250	5 kw	ST—KTW
WBAA	Purdue University	920	5 kw—D; 1 kw—N	Unlimited
V/BEZ	Chicago Board of Education	42100	1 kw	(FM) Unlimited
WCAL	St. Olaf College	770	5 kw—D	ST—WLB (Daytime)
WHA	University of Wisconsin	970	5 kw—D	Daytime
V/HAZ	Rensselaer Poly. Tech.	1330	1 kw	ST—WBBR, WEVD
WILL	University of Illinois	580	5 kw—D	Daytime
WKAR	Michigan State College	870	5 kw—D	Daytime
WLB	University of Minnesota	770	5 kw—D	ST—WCAL (Daytime)
WNAD	University of Oklahoma	640	1 kw—D	Daytime
WHCU	Cornell University	870	1 kw	L—WWL (Daytime)
WNYC	Municipal Broadcasting System	830	1 kw	L—WCCO, SA-SH-N
WOI	Iowa State College	640	5 kw—D	Daytime
WOSU	Ohio State University	820	5 kw	L—LS—Dallas
WRUF	University of Florida	850	5 kw—LS; 100 w—N	Unlimited
WRUL	World Wide Broadcasting Foundation †		50 kw	Unlimited
WSAJ	Grove City College	1340	100 w	SH
WSUI	State University of Iowa	910	5 kw	Unlimited
WTAW	Texas A. and M.	1150	1 kw—D	Daytime

D—Day; N—Night; ST—Shares Time; SH—Specified Hours; SA—Special Authorization; L—Limited Time with Dominant Stations LS—Local Sunset.

† International shortwave frequencies.

## Associate Members

Drake University	Depends on commercial radio facilities.
Indiana University	Depends on commercial radio facilities. Has pending FM CP application before FCC.
University of Kentucky	Depends on commercial radio facilities. Has FM CP for station from FCC.
University of Michigan	Depends on commercial radio facilities. Has pending FM CP application.
University of Southern California	Depends on commercial facilities. Has applied for FM CP.
Western State Teachers College	Depends on commercial radio facilities.
Kenneth Yeend, KIRO	(Former educational broadcaster, retaining associate membership, although employed by commercial station.)

# — FCC LIST OF NON-COMMERCIAL — EDUCATIONAL BROADCAST STATIONS

<i>Licensee and Location</i>	<i>Call Letters</i>	<i>Frequency (Kc)</i>	<i>Power</i>
Board of Education of San Francisco, Unified School District, San Francisco, Calif. ....	KALW	42100	1000 w
Board of Education, City of Chicago, Chicago, Ill. ....	WBEZ	42500	1000 w
University of Illinois Urbana, Ill. ....	WIUC	42900	250 w
University of Kentucky, Beattyville, Ky. ....	WBKY	42900	100 w
Board of Education, City of New York, Brooklyn, N. Y. ....	WNYE	42100	1000 w
Cleveland City Board of Education, (Charles H. Lake, Superintendent) Cleveland, Ohio ....	WBOE	42500	1000 w

## FCC REGULATIONS

The term "non-commercial educational broadcast station" means a station licensed to an organized non-profit educational agency for the advancement of its educational work and for the transmission of educational and entertainment programs to the general public.

### Operation and Service

The operation of, and the service furnished by, non-commercial educational broadcast stations shall be governed by the following regulations:

(a) A non-commercial educational broadcast station will be licensed only to an organized non-profit educational agency and upon a showing that the station will be used for the advancement of the agency's educational program particularly with regard to use in an educational system consisting of several units.

(b) Each station may transmit programs directed to specific schools in the system for use in connection with the regular courses as well as routine and administrative material pertaining to the school system and may transmit educational and entertainment programs to the general public.

(c) Each station shall furnish a non-profit and non-commercial broadcast service. No sponsored or commercial program shall be transmitted nor shall commercial announcements of any character be made. A station shall not transmit the programs of other classes of broadcast stations unless all commercial announcements and commercial references in the continuity are eliminated.

### Power Requirements

The operating power of non-commercial educational broadcast stations shall be not less than 100 watts or greater than 1000 watts unless a definite need for greater power is shown.

The transmitter of each non-commercial educational broadcast station shall be equipped with automatic frequency control apparatus so designed and constructed that it is capable of maintaining the operating frequency within plus or minus 0.01 percent of the assigned frequency.

Non-commercial educational broadcast stations are not required to operate on any definite schedule or minimum hours.

The transmitting equipment, installation, and operation as well as the location of the transmitter shall be in conformity with the requirements of good engineering practice as released from time to time by the Commission.

### Frequencies Allotted

The following frequencies are allotted for assignment to non-commercial educational broadcast stations:

42,100 kc.	42,300 kc.
42,500	42,700
42,900	

Stations serving the same area will not be assigned adjacent frequencies.

Frequency modulation shall be employed exclusively unless it is shown that there is a special need for the use of amplitude modulation.

Only one frequency will be assigned to a station.



# INTERNATIONAL



*International Broadcast Stations  
In The United States*

•

*CBS-NBC Latin-American Networks*

•

*Mexico*

•

*South America*

•

*Central America*

# INTERNATIONAL BROADCAST STATIONS IN THE UNITED STATES

Licensee and Location	Call Letters	Frequency (Kc)	Power
American Telephone & Telegraph San Francisco, Calif.....	KWU KWV KWY		20 kw 20 kw 20 kw
The Associated Broadcasters, Inc. San Francisco, Calif.....	KWID	6060, 7230, <b>9570</b> , 11870, 15290, <b>17760</b> , 21610	100 kw
The Associated Broadcasters, Inc. San Francisco, Calif.....	KWIX	6060, 7230, <b>9570</b> , 11870, 15290, 17760, 21610	50 kw
Columbia Broadcasting System, Inc. Brentwood, L. I.....	WCBX	6060, 6120, 6170, 9650, 11830, 15270, 17830, 21520, 21570, S.A. 15267 in lieu of 15270, S.A. 9490, S.A. 9590, SSA 11145 and 9750	50 kw
Columbia Broadcasting System, Inc. Brentwood, L. I.....	WCRC	6030, 6120, 6170, 9350, 11830, 15270, 17830, 21520, 21570, S.A. 15267 in lieu of 15,270, S.A. 9490, S.A. 9590, SSA 11145 and 9750	50 kw
Columbia Broadcasting System, Inc. Brentwood, L. I.....	WCDA	6060, 6120, 6170, 9650, 11830, 15270, 17830, 21520, 21570, S.A. 15267 in lieu of 15,270, S.A. 9490, S.A. 9590, SSA 11145 and 9750	10 kw
Columbia Broadcasting System, Inc. Brentwood, L. I.....	WCBN	6120, 6170, 9650, 11830, 15270, 17830, 21520, 21570	50 kw
Columbia Broadcasting System, Inc. Wayne, N. J.....	WOOC	6120, 6170, 9650, 11830, 15270, 17830, 21520, 21570	50 kw
Columbia Broadcasting System, Inc. Wayne, N. J.....	WOOW	6120, 6170, 9650, 11830, 15270, 17830, 21520, 21570	50 kw
Columbia Broadcasting System, Inc. Delano, Calif.....	KCBA	6170, 7575, 9750, 11145, 11770, 15270, 17850	50 kw
Columbia Broadcasting System, Inc. Delano, Calif.....	KCBF	6170, 7575, 9750, 11145, 11770, 15270, 17850	50 kw
The Crosley Corp. Mason, Ohio.....	WLWO	6080, 9590, 11710, 15250, 17800, 21650	75 kw
The Crosley Corp. Mason, Ohio.....	WLWK	6080, 9590, 11710, 15250, 17800, 21650	50 kw CP only
The Crosley Corp. Mason, Ohio.....	WLWL	6080, 9590, 11710, 15250, 17800, 21650	200 kw CP only
The Crosley Corp. Mason, Ohio.....	WLWS	6080, 9590, 11710, 15250, 17300, 21650	200 kw CP only
The Crosley Corp. Mason, Ohio.....	WLWR	6080, 9590, 11710, 15250, 17600, 21650	200 kw CP only
General Electric Company South Schenectady, N. Y.....	WGEA	6190, 7000, 9530, <b>9530</b> , 11847.5, 15330, 21500, 21,590, SSA 17,830	50 kw

**INTERNATIONAL BROADCAST STATIONS IN THE U. S.**

General Electric Company South Schenectady, N. Y.....	WGEO	6190, 7000, 9530, 9650, 11847.5, 15330, SSA 9550 and 17880	100 kw
General Electric Company near Belmont, Calif.....	KGEI	6190, 7250, 9530, 9550, 11730, 15210, 15330, SSA 11790, 15130 and 17880	50 kw
General Electric Company Schenectady, N. Y.....	WGEX		25 kw CP only
National Broadcasting Co., Inc. Bound Brook, N. J.....	WRCA	6100, 9670, 11890, 15150, 15190, 17780, 21630, SSA 11870 Kc and SA 11893 (50 to 100 kw on 9670)	50 kw
National Broadcasting Co., Inc. Bound Brook, N. J.....	WNBI	Same as WRCA	Same as WRCA
National Broadcasting Co., Inc. Bound Brook, N. J.....	WNRA	6100, 9670, 11890, 15150, 15090, 21630	50 kw
National Broadcasting Co., Inc. Bound Brook, N. J.....	WNRE	Same as above	50 kw
National Broadcasting Co., Inc. Bound Brook, N. J.....	WNRI	Same as above	50 kw
National Broadcasting Co., Inc. Bound Brook, N. J.....	WNRX	Same as above	50 kw
National Broadcasting Co., Inc. Dixon, Calif. ....	KNBC	6020, 6060, 7575, 7805, 9490, 9700, 11890, 13050, 15150, 15240, 15250, 15340, 17780, 17800	50 kw
National Broadcasting Co., Inc. Dixon, Calif. ....	KNBI	Same as above	50 kw
National Broadcasting Co., Inc. Dixon, Calif. ....	KNBX	Same as above	50 kw
National Broadcasting Co., Inc. Dixon, Calif. ....	KNBA	Same as above	50 kw
R.C.A. Communications, Inc. San Francisco, Calif.....	KRCA KES (1 & 2)		7 kw 7 kw
Press Wireless Los Angeles, Calif.....	KROS		10 kw CP
Westinghouse Radio Stations, Inc. Hull, Mass. ....	WBOS	6140, 9570, 11870, 15210, 17780, 21540	50 kw
World Wide Broadcasting Corp. Scituate, Mass. ....	WRUL	6040, 11730, 11790, 15130, 15350, 17750, 21460	50 kw
World Wide Broadcasting Corp. Scituate, Mass. ....	WRUS	6040, 9700, 11730, 15350, 17750, 2146, SSA 6140 7575, 8590, 9750, 11145, 11790, 15130	50 kw
World Wide Broadcasting Corp. Scituate, Mass. ....	WRUW	11730, 15130, 25600, 11790, 15350, 17750, 9700	20 kw C.P. 50 kw
World Wide Broadcasting Corp. Scituate, Mass.....	WRUA	6040, 9700, 11730, 15350, 17750, 21460	50 kw
World Wide Broadcasting Corp. Scituate, Mass.....	WRUX	SSA 7575, 7805	7 kw
General Electric Co. Belmont, Calif.....		Application pending	100 kw

# **La Cadena De Las Americas** (The Network of the Americas) of **THE COLUMBIA BROADCASTING SYSTEM**

## — PERSONNEL —

Director of Broadcasting to Foreign Countries.....	Edmund Chester
Assistant Director of Shortwave Broadcasting.....	John Hundley
Director of Shortwave News Division.....	Lawrence Haas
Music Director and Arranger.....	Terig Tucci
Assistant Director of Latin American Relations.....	Roberto Unanue
Manager of Press Information for Latin American Network.....	Margaret Kennedy

## — ARGENTINA —

Call Letters	Station Name and/or Owner	Location	Frequency Kilocycles	Power Watts
LR3.....	Radio Belgrano .....	Buenos Aires .....	950 .....	50000
LRY.....	Radio Belgrano .....	Buenos Aires .....	11840 .....	50000
LRY1.....	.....			
—Radio Belgrano Network—				
LU7.....	Radio General San Martin .....	Bahia Blanca .....	1240 .....	1500
LV3.....	Radio Cordoba .....	Cordoba .....	620 .....	25000
LT7.....	Radio Provincia .....	Corrientes .....	1340 .....	5000
LT1.....	Radio del Litoral .....	Rosario .....	780 .....	12000
LV1.....	Radio Graffigna .....	San Juan .....	560 .....	10000
LV4.....	Radio San Rafael de Mendoza .....	San Rafael .....	690 .....	5000
LV11.....	Radio del Norte .....	Santiago del Estero .....	1170 .....	500
LV12.....	Radio Aconquija .....	Tucuman .....	580 .....	5000
LV14.....	Radio La Rioja .....	La Rioja .....	1460 .....	500
LV10.....	Radio Cuyo .....	Mendoza .....	1210 .....	2500
LV13.....	Radio San Luis .....	San Luis .....	.....	.....
ZP9.....	Radio Encarnacion .....	Encarnacion, Para- guay .....	.....	.....
ZP1.....	Radio Encarnacion .....	Encarnacion, Para- guay .....	.....	.....
CXA8.....	Radio Real de San Carlos .....	Colonia, Uruguay .....	9620 .....	20000
CXA14.....	Radio Real de San Carlos .....	Colonia, Uruguay .....	11820 .....	1000

## — BOLIVIA —

CP4.....	Radio Illimani .....	La Paz .....	1040 .....	10000
CP5.....	Radio Illimani .....	La Paz .....	6200 .....	1000

## — CHILE —

CB57.....	Radio Sociedad Nacional de Agricultura. Santiago de Chile. ....	570 .....	6000
CB1180.....	Radio Sociedad Nacional de Agricultura. Santiago de Chile. ....	11800 .....	1000
CB90.....	Radio Sociedad Nacional de Agricultura. Valparaiso .....	900 .....	1000

**CBS LATIN-AMERICAN NETWORK**

**COLOMBIA**

Call Letters	Station Name and/or Owner	Location	Frequency Kilocycles	Power Wat.
HJAG	Emisora Atlantico	Barranquilla	1050, 4905	1000
HJAH	Emisora Atlantico	Barranquilla	1080	1000
HJCS	Radio Continental	Bogota	920	50000
HJEB	La Voz del Valle	Cali	1150	500
HJED	La Voz del Valle	Cali	4825	1000
HJFB	Raóio Manizales	Manizales	6105	1000
HJFD	Raóio Manizales	Manizales	1390	500
HJDT	Radio Nutibara	Medellin	1150	500
HJFF	Ondas del Otun	Pereira	1350	1000
—	La Voz Amiga	Pereira	6097	2500
HJBJ	La Voz de Santa Marta	Santa Marta	1140	1200

**COSTA RICA**

TIPG	La Voz de la Victor	San Jose	625	5000
TIPG	La Voz de la Victor	San Jose	9615	2000

**CUBA**

CMJN	RHC Cadena Azul	Camaguey	740	1000
CMCY	RHC Cadena Azul	Havana	590	15000
COCY	RHC Cadena Azul	Havana	11470	1000
CMKY	RHC Cadena Azul	Holguin	600	1000
CMAN	RHC Cadena Azul	Pinar del Rio	1300	1000
CMHI	RHC Cadena Azul	Santa Clara	570	15000
COHI	RHC Cadena Azul	Santa Clara	6450	5000
CMKN	RHC Cadena Azul	Santiago de Cuba	930	1000

**DOMINICAN REPUBLIC**

HIIZ	Broadcasting Nacional	Ciudad Trujillo	6315	100
HIZ	Broadcasting Nacional	Ciudad Trujillo	1350	200

**ECUADOR**

HC2AJ	Compania del Ecuador	Guayaquil	1050	1000
HC2AK	Compania del Ecuador	Guayaquil	9310	1000
HCQR	Radio Quito	Quito	1340	250
HCQRX	Radio Quito	Quito	5970	300
HCBS	Radio Bolivar	Quito	1304	250
HCBT	La Voz de la Libertad	Quito	9355	250

**EL SALVADOR**

YSP	La Voz de Cuscatlan	San Salvador	—	—
YSP	La Voz de Cuscatlan	San Salvador	—	—
YSPA	La Voz de Cuscatlan	San Salvador	—	—
YSPB	La Voz de Cuscatlan	San Salvador	—	—

## GUATEMALA

Call Letters	Station Name and/or Owner	Location	Frequency Kilocycles	Power Watts
TGW	La Voz de Guatemala	Guatemala City	610	10000
TGWA	La Voz de Guatemala	Guatemala City	9685	10000
TGWB	La Voz de Guatemala		15170	—
TGWC	La Voz de Guatemala	Guatemala City	6460	1000
		Guatemala City	1520	1000

## HAITI

HHW	Station de Radioifusion	Port-au-Prince	1230	75
HH3W	Station de Radioifusion	Port-au-Prince	9595	150

## HONDURAS

HRN	La Voz de Honduras	Tegucigalpa	1450	500
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## MEXICO

XEQ	Radio Pan Americana, S.A.	Mexico City	730	50000
XEQQ	Radio Pan Americana, S.A.	Mexico City	9680	1000
XEA		Campeche, Cam.	1370	250
XEBU		Chihuahua, Chih.	1260	500
XEBL	Max Gomez Blanco	Culiacan, Sin.	1260	500
XEHL		Guadalajara, Jal.	1370	50
XEHQ		Hermosillo, Son.	590	300
XEDS		Mazatlan, Sin.	1320	500
XEFC	Julio Molina Fonto	Merida, Yuc.	1340	250
XEMR	Enrique Serna Martinez	Monterrey, N.L.	1370	500
XELQ	Francisco Laris Iturbide	Morelia, Mich.	1270	100
XEAX	Alvaro Rodriguez A.	Oaxaca, Oax.	1270	500
XEHR	Manuel R. Canalo	Pueblo, Pue.	1090	250
XEBM		San Luis Potosi	1260	150
XETU	Juan Perez Cardonas	Tampico, Tams.	1460	1000
XEDN	Alejandro O. Stevenson, Jr.	Torreon, Coah.	1260	250
XEHV	Juan A. Palavicini	Veracruz, Ver.	1310	1000
XENC		Celaya	1540	250
XEAG		Cordoba	1280	250
XEJT		Guanajuato	570	100
XEWE		Irapuato	1420	100
XEFM		Leon	1270	100
XEPP		Orizaba	1450	250
XEDE		Saltillo	1400	250

## NICARAGUA

YNOW	La Voz de la America Central	Managua	6850	800
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## PANAMA

HOAC	Cadena Panamena de Radio Difusion	Panama City	1440	50
HP5A	Cadena Panamena de Radio Difusion	Panama City	11700	1000

. . . CBS LATIN-AMERICAN NETWORK . . .

**PARAGUAY**

Call Letters	Station Name and/or Owner	Location	Frequency Kilocycles	Power Watts
ZP3.....	Radio Teleco .....	Asuncion .....	700	8000
ZPA3.....	Radio Teleco .....	Asuncion .....	11877	1200

**PERU**

OAX6C.....	Radio Continental .....	Arequipa .....	1370	250
OAX6D.....	Radio Continental .....	Arequipa .....	9500	250
OAX6E.....	Radio Continental .....	Arequipa .....	6055	300
OAX4A.....	Radio Nacional del Peru .....	Lima .....	850	10000
OAX4Z.....	Radio Nacional del Peru .....	Lima .....	6082	15000
OAX4U.....	Radio America .....	Lima .....	1030	5000
OAX4V.....	Radio America .....	Lima .....	5990	2000
OAX4W.....	Radio America .....	Lima .....	9440	1500

**PUERTO RICO**

WKAQ.....	.....	San Juan .....	620	5000
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**URUGUAY**

CX16.....	Radio Carve .....	Montevideo .....	850	50000
CX24.....	La Voz del Aire .....	Montevideo .....	1010	2500
CXA8.....	Short Wave .....	Colonia .....	9320	20000
CXA14.....	Short Wave .....	Colonia .....	11820	1000
—Radio Carve Network				
CW1.....	Radio Popular .....	Colonia .....	550	4500
CW31.....	Salto Broadcasting .....	Salto .....	1120	250
CW39.....	La Voz de Paysandu .....	Paysandu .....	1320	100
CW41.....	Broadcasting San Jose .....	San Jose .....	1360	050
CW43E.....	Radio Internacional .....	Rivera .....	1480	750
CW51.....	Radio Maldonado .....	Maldonado .....	1560	500
CW53.....	Radio Cerro Largo .....	Melo .....	1580	250
CX52.....	Radio Litoral Soriano .....	Mercedes .....	1570	500

**VENEZUELA**

YV5RG.....	Ondas Populares .....	Caracas .....	1010	1000
YV5RU.....	Ondas Populares .....	Caracas .....	6070	2232
YV6RA.....	Ecos Del Orinoco .....	Ciudad Bolivar .....	1400	750
YV6RU.....	Ecos Del Orinoco .....	Ciudad Bolivar .....	4790	1000
YV7RA.....	Radio Sucre .....	Cumana .....	1220	400
YV7RB.....	Radio Sucre .....	Cumana .....	3590	750
YVIRA.....	Ecos Del Zulia .....	Maracaibo .....	1300	200
YVIRV.....	Ecos Del Zulia .....	Maracaibo .....	4750	300
YV4RE.....	Radio Valencia .....	Valencia .....	1400	1000
YV4RP.....	Radio Valencia .....	Valencia .....	3460	1000

# **La Cadena Panamericana** (The Pan American Network) of the **NATIONAL BROADCASTING COMPANY**

## — PERSONNEL —

Manager of International Division.....	Fred B. Bate
Radio Facilities Engineer.....	Raymond F. Guy
Director, Latin American Programs and Chief of Spanish Section.....	Eli B. Canel
Chief, Spanish-language Section.....	Alberto H. Ganderó
Continuity Acceptance.....	F. J. Lara
Production Chief.....	Ary Moll
Assistant Production Chief.....	Alvaro Gonzales
Assistant Production Chief.....	Aurora Diaz
Chief, Portuguese-language Section.....	Manuel Souza
Musical Director.....	Emilio de Torre
Director of Station Relations.....	Cal J. Abraham
Chief of Traffic Section.....	Charles Mangano

## ARGENTINA

Call Letters	Station Name and/or Owner	Location	Frequency Kilocycles	Power Watts
LR4.....	Radio Splendid.....	Buenos Aires.....	990	50000
LRS.....	Radio Splendid.....	Buenos Aires.....	9315	30000
LRS1.....	Radio Splendid.....	Buenos Aires.....	6065	30000
<i>Radio Splendid Network (Red Argentina de Emisoras Splendid S. A.)</i>				
LW1.....	de la Red Splendid.....	Cordoba.....	790	20000
LT2.....	de la Red Splendid.....	Rosario.....	1230	20000
LU3.....	de la Red Splendid.....	Bahia Blanca.....	1150	10000
LT4.....	de la Red Splendid.....	Posadas.....	1010	2000
LV6.....	de la Red Splendid.....	Mendoza.....	630	6000
LW7.....	de la Red Splendid.....	Catamarca.....	730	2000
LU5.....	de la Red Splendid.....	Neuquen.....	1130	2000
LW8.....	de la Red Splendid.....	Jujuy.....	1130	1500
LU8.....	de la Red Splendid.....	Bariloche.....	1250	1000
LU4.....	Comodoro Rivadavia.....	C. Rivadavia.....	640	1600
LU12.....	Rio Gallegos.....	Rio Gallegos.....	680	1500

## BOLIVIA

CP20.....	Radio El Condor.....	La Paz.....	930	1000
CP15.....	Radio El Condor.....	La Paz.....	5880	500
CP18.....	Radio El Condor.....	Oruro.....	900	250
CPI.....	Radio Chuquisaca.....	Sucre.....	1500	800
CP41.....	Radio Chuquisaca.....	Sucre.....	1325	100
CP28.....	Radio Central.....	Cochabamba.....	1360	150
CP40.....	Radio Central.....	Cochabamba.....	9570	150
CP22.....	Radio Internacional.....	Potosi.....	6715	150

## CHILE

CB138.....	Radio El Mercurio.....	Santiago.....	1380	15000
CB1185.....	Radio El Mercurio.....	Santiago.....	11850	5000
CB64.....	Radio Cristobal Colon.....	Valparaiso.....	640	3000
CD59.....	Radio La Frontera.....	Temuco.....	690	1200
CC117.....	Radio Simon Bolivar.....	Concepcion.....	1170	1000
CA108.....	Radio La Serena.....	La Serena.....	1080	1500
CA141.....	Radio El Loa.....	Antofagasta.....	1410	1450



## COLOMBIA

Call Letters	Station Name and/or Owner	Location	Frequency Kilocycles	Power Watts
HJCC.....	La Voz de Bogota .....	Bogota .....	870	5000
HJCE.....	La Voz de Bogota .....	Bogota .....	1000	1000
HJCF.....	La Voz de Bogota .....	Bogota .....	6240	1000
HJCR.....	Radiodifusora Nacional .....	Bogota .....	1200	5000
HJCT.....	Radiodifusora Nacional .....	Bogota .....	6260	2500
HJAN.....	Emisoras Unidas .....	Barranquilla .....	1190	1000
HJAB.....	Emisoras Unidas .....	Barranquilla .....	4785	2500
HJDK.....	La Voz de Antioquia .....	Medellin .....	1250	1000
HJDE.....	La Voz de Antioquia .....	Medellin .....	6145	5000
HJGK.....	Radio Santander .....	Bucaramanga .....	1280	500
HJGB.....	Radio Santander .....	Bucaramanga .....	4775	2500
HJFE.....	Radio Quirama .....	Pereira .....	1470	500
HJFA.....	La Voz de Pereira .....	Pereira .....	6054.3	750
HJAF.....	Emisoras Fuentes .....	Cartagena .....	1240	350
HJAE.....	Emisoras Fuentes .....	Cartagena .....	4965	1000

## COSTA RICA

TIPG.....	La Voz de la Victor .....	San Jose .....	625	4000
TIPG.....	La Voz de la Victor .....	San Jose .....	9615	2500
TINBC.....	La Voz de la Democracia .....	San Jose .....	1070	1000

## CUBA

CMQ.....	Circuito CMQ S.A. ....	Habana .....	690	25000
COCQ.....	Circuito CMQ S.A. ....	Habana .....	8825	5000
CMBZ.....	Radio Salas .....	Habana .....	950	1000
COBZ.....	Radio Salas .....	Habana .....	9030	1000

### CMQ Network (Circuito CMQ)

CMHQ.....	del Circuito CMQ .....	Santa Clara .....	800	10000
CMJL.....	del Circuito CMQ .....	Camaguey .....	920	10000
CMKJ.....	del Circuito CMQ .....	Holguin .....	970	10000
CMKU.....	del Circuito CMQ .....	Santiago .....	720	1000

## DOMINICAN REPUBLIC

HIX.....	Radiodifusora Oficial .....	Ciudad Trujillo .....	950	250
HI1X.....	Radiodifusora Oficial .....	Ciudad Trujillo .....	6350	300
HI3X.....	Radiodifusora Oficial .....	Ciudad Trujillo .....	11850	300
HI9B.....	Broadcasting "Hotel Mercedes" .....	Santiago .....	6383	400

## ECUADOR

HCJB.....	La Voz de los Andes .....	Quito .....	974	1000
HCJB.....	La Voz de los Andes .....	Quito .....	4108	200
HCJB.....	La Voz de los Andes .....	Quito .....	9958	1000
HCJB.....	La Voz de los Andes .....	Quito .....	12455	10000
HC2GI.....	Radio El Telegrafo .....	Guayaquil .....	1160	300
HC2ET.....	Radio El Telegrafo .....	Guayaquil .....	9200	500

## EL SALVADOR

YSS.....	Alma Cuscatleca .....	San Salvador .....	638	500
HUB.....	Alma Cuscatleca .....	San Salvador .....	4780	300
YSD.....	Alma Cuscatleca .....	San Salvador .....	7894	500

# GUATEMALA

Call Letters	Station Name and/or Owner	Location	Frequency Kilocycles	Power Watts
TGW	La Voz de Guatemala	Guatemala City	640	10000
TGWA	La Voz de Guatemala	Guatemala City	15170	10000
			9685	10000
TGWB	La Voz de Guatemala	Guatemala City	6460	1000
TGWC	La Voz de Guatemala	Guatemala City	1520	1000

# HAITI

HHGM	Magloire Broadcasting Circuit	Port-au-Prince	1473	1000
HHBM	Magloire Broadcasting Circuit	Port-au-Prince	9660	1000
HHCM	Magloire Broadcasting Circuit	Port-au-Prince	6165	1000

# HONDURAS

HRN	La Voz de Honduras	Tegucigalpa	5875	500
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# MEXICO

XEW	La Voz de la America Latina desde Mexico	Mexico City	900	100000
XEWW	La Voz de la America Latina desde Mexico	Mexico City	9500	10000
			15160	10000

## XEW Network (Radio Programas de Mexico)

XEKJ	Ramon Ortega	Acapulco, Gro.	1400	250
XEBI	Pedro C. Rivas	Aguascalientes	1360	250
XEA	Luis A. Maury	Campeche, Camp.	1370	250
XEFQ	Pedro Lopez Diaz	Cananea, Son.	980	500
XEFI	David C. Mireles	Chihuahua, Chih.	1440	1000
XEBA	Jose D. Gonzalez	Ciudad Guzman	1270	250
XEP	Esteban Parra	Ciudad Juarez	1300	500
XETR	Antonio Pozo L.	Ciudad Valles	1490	125
XEBJ	Fernando Elizalde	Ciudad Victoria	1450	100
XERL	J. Roberto Levy	Colima, Col.	1280	250
XEJC	Eduardo J. de la Cuesta	Cuernavaca, Mor.	1420	150
XESA	Modesto Roberto Perez	Culiacan, Sin.	1330	250
XEE	Roberto O. Stevenson	Durango, Dgo.	1280	250
XEHL	Alejandro Diaz	Guadalajara, Jal.	1370	500
XEBH	Jose Remigio Agraz	Hermosillo, Son.	920	1000
XEBO	Alfonso Martinez	Irapuato, Gto.	1330	500
XEKL	Ramon Alarcon	Jalapa, Ver.	550	100
XERZ	Rafael C. Navarro	Leon, Gto.	1240	250
XECF	Francisco Perez, Jr.	Los Mochis, Sin.	1330	1000
XEAM	Manuel L. Salinas	Matamoros, Tamps.	1400	250
XERJ	Rafael Elizalde	Mazatlan, Sin.	1320	500
XEME	Perfecto Villamil C.	Merida, Yuc.	1270	400
XECL	Armando Maldonado	Mexicali, B.C.	990	5000
XEDW	Gladys Silva	Minatitlan, Ver.	1260	250
XEI	Tiburcio Ponce	Morelia, Mich.	1400	250
XEFB	Mario Quintanilla G.	Monterrey, N.L.	630	500
XEGL	Fausto M. Gomez	Navojoa, Son.	1270	500
XEHF	Gaston Mascarenas	Nogales, Son.	1370	1000
XEFE	R. Tijerina Carranza	Nuevo Laredo	960	1000
XEAX	A. Marquez Gonzales	Oaxaca, Oax.	1370	500
XETQ	Carlos Mora J.	Orizaba, Ver.	1370	250
XEJR	Roberto Rodriguez	Parral, Chih.	1490	100
XEMU	Alfonso L. Bres	Piedras Negras	580	250
XEHR	Roberto Canedo	Puebla, Pue.	1090	250
XEJX	Jesus Romero Santoyo	Queretaro, Qro.	1450	250
XERT	Ignacio Magallon V.	Reinosa, Tamps.	590	250
XEBX	Rodolfo Villarreal	Sabinas, Coah.	610	250
XEDE	Valente J. Garza G.	Saltillo, Coah.	1400	250
XECZ	Zeferino Jimenez	San Luis Potosi	1430	1000
XERK	Tomas Mondragon	Tepic, Nay.	1450	250
XEC	Luis Enrique Enciso	Tijuana, B.C.	1310	250
XEBP	A. O. Stevenson	Torreon, Coah.	1260	250
XETL	Calixto Almazan	Tuxpan, Ver.	1390	250

**NBC LATIN-AMERICAN NETWORK**

XEU.....	Fernando Pasos Sosa .....	Veracruz, Ver. ....	960	500
XEUF.....	Ignacio Navarro Q. ....	Uruapan, Mich. ....	550	350
XELK.....	Jose M. Acevedo .....	Zacatecas, Zac. ....	1280	100

**NICARAGUA**

Call Letters	Station Name and/or Owner	Location	Frequency Kilocycles	Power Watts
YNPS.....	La Voz de Nicaragua .....	Managua .....	6760	1000
YNDS.....	La Voz de Nicaragua .....	Managua .....	6240	750

**PANAMA**

HOA.....	Radio Panamericana .....	Panama City .....	1000	400
HP5G.....	Radio Panamericana .....	Panama City .....	11780	600
HOK.....	La Voz de la Victor .....	Colon .....	640	250
HP5K.....	La Voz de la Victor .....	Colon .....	6005	200

**PARAGUAY**

ZP9.....	Radio La Capital .....	Asuncion .....	970	1200
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**PERU**

OAX4A.....	Radio Nacional del Peru .....	Lima .....	854	10000
OAX4Z.....	Radio Nacional del Peru .....	Lima .....	6082	15000
OAX4T.....	Radio Nacional del Peru .....	Lima .....	9562	10000
OAX6A.....	Radio Arequipa .....	Arequipa .....	6042	200
OAX1A.....	Radio Delcar .....	Chiclayo .....	6275	300
OAX1B.....	Radio Piura .....	Piura .....	5850	300
OAX4P.....	Radio Huancayo .....	Huancayo .....	5980	250

**PUERTO RICO**

WNEL.....	The Link of the Americas .....	San Juan .....	1320	5000
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**URUGUAY**

CX14.....	Radio El Espectador .....	Montevideo .....	810	15000
CXA19.....	Radio El Espectador .....	Montevideo .....	11705	5000
CX18.....	Radio Libertad .....	Montevideo .....	890	3000
CXA9.....	Radio Libertad .....	Montevideo .....	15345	3000
<i>El Espectador Network (La Cadena Uruguaya de Radiodifusión)</i>				
CWI.....	Radio Popular .....	Colonia .....	570	3000
CW19.....	Difusora Rochense .....	Rocha .....	1340	050
CW23.....	Radio Cultural .....	Salto .....	820	500
CW33.....	Radio Florida .....	Florida .....	1200	75
CW35.....	Radio Paysandu .....	Paysandu .....	1240	750
CW43.....	Radio Lavalleja .....	Minas .....	1420	300
CW45.....	Difusora Treinta y tres .....	Trenta y tres .....	1390	250
CW43A.....	Zorrilla de San Martin .....	Tacuarembó .....	1400	1200
CW47A.....	Radio Welcome .....	San Jose .....	1510	100

**VENEZUELA**

YV5RA.....	Radio Caracas .....	Caracas .....	960	10000
YV5RN.....	Radio Caracas .....	Caracas .....	4920	5000
YV1RK.....	Radio Popular .....	Maracaibo .....	1250	300
YV1RL.....	Radio Popular .....	Maracaibo .....	4810	300
YV2RB.....	La Voz del Tachira .....	San Cristobal .....	980	500
YV2RN.....	La Voz del Tachira .....	San Cristobal .....	4830	2000
YV4RA.....	La Voz de Carabobo .....	Valencia .....	1350	1000
YV4RO.....	La Voz de Carabobo .....	Valencia .....	6130	1000
YV1RW.....	Radio Coro .....	Coro .....	1370	200
YV1RY.....	Radio Coro .....	Coro .....	4770	300
YV6RE.....	Emisoras Unidas .....	Barcelona .....	1080	500
YV6RC.....	Emisoras Unidas .....	Barcelona .....	3450	1500
YV2RC.....	La Voz de la Sierra .....	Merida .....	3420	500
YV1RO.....	Radio Trujillo .....	Trujillo .....	3310	800
YV3RE.....	Radio Barquisimeto .....	Barquisimeto .....	1475	1500
YV3RN.....	Radio Barquisimeto .....	Barquisimeto .....	6120	2000

# STATIONS OF MEXICO

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Acapulco, Gro. ....	XEKJ	1400	0.25	
Agua Prieta, Son. ....	XERP	1190	50.	
Aguascalientes .....	XEBI	1360	0.25	Pedro C. Rivas
Aguascalientes .....	XELY	1490	0.15	Rafael Leal Camarena
Cajoncita de B. C. ....	XBQA	9200	0.8	Comision Nacional de Irrigacion
Campeche .....	XEA	1370	0.25	Luis A. Maruy
Cananea, Son. ....	XEFQ**	980	0.5	Pedro L. Diaz
Cananea, Son. ....	XESY**	1320	0.2	J. Tato Amante
** Considered pro-German				
Casas Grandes .....	XETX	1400	0.1	
Celaya, Guan. ....	XEJT	1600	0.1	
		1090		
		1190		
Chetumal de Q. R. ....	XACD	3050	\$0.05	Cia. Mexicana de Aviacion
		5390	*0.4	
		262.5	*0.075	
		1688	*0.075	
		3060	*0.4	
		5695	*0:4	
* Not a broadcast station.				
Chihuahua .....	XEFI	1440	1.	Ramiro G. Urganga
Chihuahua .....	XEBW	1280	0.6	Angel Mara T.
Chihuahua .....	XEM	1390	0.5	Pedro Menessee, Jr.
Chihuahua .....	XEBU	1260	0.1	Feliciano Lopez
Chihuahua .....	XEJK	1340	0.1	
Ciudad Guzman, Jal. ....	XEBA	1270	.25	Xavier Velasco
Ciudad Guzman, Jal. ....	XEGT	1490	0.1	
Ciudad Juarez .....	XELO	800	150.	
Ciudad Juarez .....	XEJ	970	5.	P. Meneses, Laredo
Ciudad Juarez .....	XEP	1300	0.5	Esteban Parra
Ciudad Juarez .....	XEWG	1460	1.	
Ciudad Juarez .....	XEF	1420	0.25	Gilberto Gil
Ciudad Juarez .....	XEFV	1270	.25	Dario Cordaba
Ciudad Madero, Tams. ....	XETR	1490	0.1	Cesar Trijillo Badillo
Ciudad Obregon, Son. ....	XEAP	1290	0.1	Emilio Manzanilla
Ciudad Valles, San Luis Potosi .....		1340	0.1	
Ciudad Victoria .....	XEBJ	1450	0.1	Fernando Elizalde
Coatzacoalcos .....	XEFZ	1340	0.25	Pedro E. Rocher
Colima, Col. ....	XERL	1280	0.25	J. Roberto Levy
Cordoba de Veracruz. ....	XECW	1340	0.25	Juan Sedas M.
	XEAG	1280	0.25	Diodoro Zuniga
Cuernavaca, Morelos .....	XEJC	1420	0.15	
Culiacan, Sin. ....	XESA	1360	0.25	Pablos Elizalde, S. de R. L.
Culiacan, Sin. ....	XEBL	1260	0.5	Ignacio L. Said
Culiacan, Sin. ....	XEGF	1300	0.1	
Durango .....	XEE	1280	0.25	Alejandro Stevenson, Jr.
Durango .....	XEDU	1400		
Ensenada, B. C. ....	XEPF	1400	0.2	
		1002		

• • •      **STATIONS OF MEXICO**      • • •

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Fresnillo, Zac. ....	XEMA	1340	0.1	Jose Ma. Acesado Moya
Gomez Palacio, Dur. ....	XEMG	1310	0.25	
Gomez Palacio, Dur. ....	XEOB	1490	0.1	
Guadalajara, Jal. ....	XEJB	1010	5.	Gobierno del Estado de J.
Guadalajara, Jal. ....	XEDK	1250	0.5	Salvador Vazquez T.
Note—Ownership practically same as XEAV.				
Guadalajara, Jal. ....	XED	680	1.	Cia. Radiofonografica
	XEDQ		0.1	
Guadalajara, Jal. ....	XEHL	1370	0.5	
Guadalajara, Jal. ....	XELW	1340	0.25	Salvador Galindo de la Torre
Guadalajara, Jal. ....	XEHK	960	.25	Carmen Vilasenor
Guadalajara, Jal. ....	XEAV	580		Alfredo Vasquez
Note—Ownership practically same as XEDK.				
Guadalajara, Jal. ....	XEAD	1310	0.25	
Guadalajara, Jal. ....	XEXN	1400	0.25	
Guanajuata, Guan. ....		570	0.1	
Guaymas, Son. ....	XEDR	1490	0.1	Modesto Ortega
Hermosillo, Son. ....	XEBH	920	1.	
	XEBR	11820 sw.	0.15	
Hermosillo, Son. ....	XEDL	1250	.5	
Hermosillo, Son. ....	XEHQ	590	0.3	Sr. C. Serna Martinez
Hermosillo, Son. ....	XEOP	960	0.5	
Hermosillo, Son. ....		1300	.25	
Hermosillo, Son. ....	XEQN	1540	5.	
Parral, Chih. ....	XEJS	1150	0.5	
Parral, Chih. ....	XEAT	1250	0.25	
Parral, Chih. ....	XEJR	1490	0.1	Anastasio Gomez Gallardo
Irapuato, Gt. ....	XEBO	1330	0.6	
Irapuato, Gt. ....	XEWE	1420	0.1	
Jalapa de Veracruz. ....	XEBF	6090 sw.	0.1	Pedro Caronel Aburto
Jalapa de Veracruz. ....	XEKL	550	0.1	
	XEJA	1400	0.25	
La Paz, Baja Calif. ....	XEPX	550	0.25	
Leon de Guanajuato. ....	XEFM	1270	0.1	Sucs R. Ortiz Gonzalez
Leon de Guanajuato. ....	XERZ	1030	0.25	
Linares ....	XETC	1410	.25	
Los Algodones, Baja Calif. ....		560	0.1	
Los Mochis, Sin. ....	XEOX	1280	0.25	Felipe G. de Leon
Magdalena de Sonora. ....	XEDJ	1450	0.1	Enrique Sorolegui
Matamoros, Tam. ....	XEO	970	0.75	
Matamoros, Tam. ....	XEXP	1450	0.1	
Matamoros, Tam. ....	XEAM	1400	0.25	Manuel L. Salinas
Los Mochis, Sin. ....	XECF	1350	1.0	Francisco Perez H.
Mazatlan, Sin. ....	XERH	1320	0.6	Oscar Perez E.
Mazatlan, Sin. ....	XEDS	1420	0.5	Alexander A. Schober
Merida, Yuc. ....	XEFK	1450	0.1	Manuel Zapata Espinosa
Merida, Yuc. ....	XEMQ	1240	0.25	
Merida, Yuc. ....	XEMH	1400	0.1	
Mexicali, B. C. ....	XECL	990	5.	Alfonso Lacarra
Mexicali, B. C. ....	XEAO	970	0.25	Chavez y Castro, Soc.
Mexicali, B. C. ....	XEAA	1340	0.25	Alberto Gonzales
Mexico City, D. F. ....	XEWI	6015 sw.*	0.4	Instit. Mundial de la Vida Impersonal
Mexico City, D. F. ....	XEYU	9600 sw.*	0.25	Universidad Nacional de Mexico
Mexico City, D. F. ....	XEUZ	6119 sw	0.1	Partido Nac. Revolucionario
Mexico City, D. F. ....	XEXA	6175 sw.	0.1	Depto. de Publicidad y Propaganda
Mexico City, D. F. ....	XEBT	6000 sw.	0.5	El Buen Toro S. A.

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Mexico City, D. F.	XEDP	940	50.	
Mexico City, D. F.	XEOY	1000	10.	Ignacia Diaz R.
Mexico City, D. F.	XEST	1060	50.	
Mexico City, D. F.	XEQW	1030	1.	
Mexico City, D. F.	XEQK	1350	1.	Angel Ferreiro
Mexico City, D. F.	XEDA	1290	1.	Augusto Garcia Diaz
Mexico City, D. F.	XEMC	1590	5.	Dolores G. Estrada de F.
Mexico City, D. F.	XENK	620	5.	
Mexico City, D. F.	XEPH	590	5.	
Mexico City, D. F.	XESM	1470	5.-D	Salvador San Martin
Mexico City, D. F.	XEL		1.-N	
		1260	0.75	Financiera de Inversiones S. A.
Mexico City, D. F.	XEBS			
		1410	0.75	Maria Remedios Delgado
Mexico City, D. F.	XEMX	1380	0.5	Alfonson Traslos
Mexico City, D. F.	XEOF			Leros Avolos
		590	1.	
Mexico City, D. F.	XEW	890	100.0	Radio Panamericana
	XEWW	9500 sw.	10.	
Mexico City, D. F.	XEQ	730	150.	
	XEQQ	9680 sw.	5.	
Mexico City, D. F.	XEB	1220	100.	
	XEET	6000 sw.	1.	
Mexico City, D. F.	XEBZ	660	0.5	
Mexico City, D. F.	XELA	830	1.	
Mexico City, D. F.	XEFO	1110	20.	
Mexico City, D. F.	XEN	690	5.	
Mexico City, D. F.	XEUN	860	5.	
Mexico City, D. F.	XEML	1550	1.	
Mexico City, D. F.	XERC	790	1.	
Mexico City, D. F.	XELZ	1440	1.	
Mexico City, D. F.	XERH	1500	0.5	
Mexico City, D. F.	XEJP	1150	6.	Antonio Verandez
Mexico City, D. F.	XEAI	1320		
Mexico City, D. F.	XEK	990	0.5	Arturo Martinez
Minatitlan, Ver.	XEDW	1260	.25	Hector Silva Canto
Monterrey, N. L.	XETA	9555 sw.*	1.	El Pretonero del Norte
Monterrey, N. L.	XEG	1050	150.	
Monterrey, N. L.	XENT	1140	50.	Cia. Industrial Universal
Monterrey, N. L.	XET	990	5.	Pregonero del Norte
Monterrey, N. L.	XEH	1420	1.	
Monterrey, N. L.	XEFB	630	.5	Jesus Quintanilla
Monterrey, N. L.	XEMR	1370	0.5	Enrique Serna Martinez
Monterrey, N. L.	XEX	1280	0.5	El Herald del Comercia
Morelina, Michoacan	XEKW	6030 sw.	0.5	Jose Martinez Ramirez
Morelina, Michoacan	XEKF	6030 sw.	5.	El Nee di Nichosaan desde Morelia
Morelina, Michoacan	XELQ	1270	0.1	
Morelina, Michoacan	XEI	1400	0.25	Carlos Gutierrez
Morelina, Michoacan	XESF	600	0.25	
Naco, Son.	†XETM	1350	1.	Fred Giesler (German-naturalized American)
† Considered pro-German.				
Navojoa, Son.	XEGL	1270	0.5	Fausto M. Gomez
Navojoa, Son.	XEAJ	1400	0.1	Emilio Manzanilla
Navojoa, Son.		570	0.1	
Nogales, Son.	XEHF	1370	1.	Francisco G. Elias
Nogales, Son.		1010	0.25	
Nuevo Laredo, Tam.	XEFE	960	1.	Rafael T. Caranza
Nuevo Laredo, Tam.	XEDF	790	0.5	
Nuevo Laredo, Tam.	XEBK	1340	0.1	G. Guajardo y M. M. Cortes
Nuevo Laredo, Tam.	XELF	1380	0.25	
Nuevo Laredo, Tam.	XELC	1410	0.25	
Nuevo Laredo, Tam.	XELJ	1260	.25	
	XELH	1460	.1	

• • •      **STATIONS OF MEXICO**      • • •

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Oaxaca	XEAX	1270	.15	Alvaro Rodriguez A.
Orizaba, Vera Cruz	XEOR	580	1.	
Orizaba, Vera Cruz	XEPP	1450	0.25	Hector Sotomayor
Orizaba, Vera Cruz	XETQ	1370	0.25	Francis Campos H.
Piedras Negras, Coah.	XEMU	580	0.25	
Piedras Negras, Coah.	XEMJ	920	0.2	
Progreso, Yuc.	XEOK	1430	0.1	Arturo Pina Perez
Puebla	XEHR	1090	0.25	Manuel R. Canale
Puebla de Puebla	XECC	6185 sw.	0.5	Ricardo Vazquez A.
Puebla de Puebla	XECD	1170	0.35	
Queretaro	XEJX	1450	0.25	
Queretaro		1300	0.1	
Reynosa, Tam.	XEAW	1570 sw.	100.	Cia. International Reynosa
		1010	50.	
	XEKN	1390	0.25	Carlos V. Rodriguez
Reynosa, Tam.	XEAZ	590	0.25-N	
			5.-D	
Rosarito, B. C.	XERB	1090	50.	Radiodifusora Internacion
Sabinas, Coah.	XEBX	610	.25	Radiodifusora Internacion— Miguel B. Rodriguez
Saltillo, Coah.	XESJ	1250	1. -D	
			0.5-N	
Saltillo, Coah.	XEKS	1330	0.1	J. Antonio de la Pena
Saltillo, Coah.	XEDE	1400	0.25	Arrelío G. Zaragoza
Saltillo, Coah.	XEXU	1490	1.	
		1450	0.1	
San Luis Potosi	XECZ	1370	1.0	Ceferino Z. Jiminez
San Luis Potosi	XEBM	1260	0.15	Benjamin Briones
San Luis Potosi	XEXQ	1400	0.1	
S. Luis Rio Colorado	XEY	1450	0.25	Lucinda Arenaxde de M. M.
Tampico	XEFW	810	50.	
Tampico	XETU	1460	1.0	
Tampico	XECA	980	1.	
Tampico	XES	1300	0.25	Difisora Portena S. de R. L.
Tapachula, Chiapas	XETS	630	0.1	
Tapachula, Chiapas	XETA	1450	0.25	
Tepatitlan, Jal.	XETJ	1150	0.1	
Tepic, Nayarit	XEXT	980	1.	
Tepic, Nayarit	XERK	1450	0.15	Dario Mondragon
Texcoco	XEXE	1450	0.1	H. Ayuntamiento
Taxiutlan, Puebla	XETZ	1360	0.25	
Tijuana, B. C.	XEAV	1470	5.0	Manuel Acuna Varela
Tijuana, B. C.	XEMO	860	5.0	Fern. Fes. Ferreira
Tijuana, B. C.	XEBG	1010	1.	
		1550 sw.	5.	
Tijuana, B. C.	XERS	1190	5.	Cia. R.A.D. de Piedras Negras
Tijuana, B. C.	XEAC	690	5.	Jorge Rivera
Tijuana, B. C.		1590 sw.	5.0	
Tijuana, B. C.	XEGM	950	1.- D	Rita Mayans y Gustavo
			2.5-N	Faist E.
Tijuana, B. C.	XEON	1420	2.	Cia Radio Mexicana
Tijuana, B. C.	XERT	1270	0.5-N	
			5. -D	
Tijuana, B. C.	XEC	1310	.25	Luis E. Enciso
Tlaxcala	XEXZ	1480	5.	
Tlaxcala	XEXE	2410	0.1	Gobierno del Estado
Toluca de Mexico	XEXS	1340	0.1	Instituto Cientifico y Leiter
Toluca de Mexico	XECH	1490	0.25	Rodolfo Llamas

<i>Location</i>	<i>Call Letters</i>	<i>Frequency Kcs.</i>	<i>Power Kws.</i>	<i>Owner or Operating Agency</i>
Torreón, Coah. ....	XETB	1350	0.5	Aurelio G. Zaragoza
Torreón, Coah. ....	XEOH	600	1.	
Torreón, Coah. ....	XEJZ	920	0.1	
Torreón, Coah. ....	XEBP	1260	0.25	Alejandro O. Stevenson, Jr.
Torreón, Coah. ....	XEBQ	1450	0.25	Maria Refugio A. De Valdivieso
Torreón, Coah. ....	XEDN	600	1.	Higinio Gonzalez
Tuxpam, V. C. ....	XETL	1390	0.25	Calixto Almazan
Tuxtla Gutierrez, Chiapas. ....	XEXJ	1280	0.1	Govt. of State of Chiapas
Tuxtla Gutierrez, Chiapas. ....	XFBK	5340		
Urapan, Mich. ....	XEFU	550	0.35	Ignacio Navarro
Vera Cruz ....	XEFT	9550 sw.	0.012	Jose Rodriguez Lopez
Vera Cruz ....	XEUW	6020 sw.	0.02	Fernando Taxos Sosa
Vera Cruz ....	XEHV	1310	1.	Radiodifusora Veracruzana
Vera Cruz ....	XEU	960	0.5	Fernando Pazos y Cia.
Vera Cruz ....	XETF	1250	0.5	Jose Rodriguez Lopez
Vera Cruz ....	XEXF	1490	0.1	
Villa Acuna, Coah. ....	XEAB	1600 sw.	5.	
Villa Acuna, Coah. ....	XEDH	1340	0.25	Vicente Hernandez
Villa Acuna, Coah. ....	XEAQ	1430	0.1	
Villahermosa de Tabasco. ....	XAGB	5250	0.075	Cia. Areonautica del Sur
Villahermosa de Tabasco. ....	XERE	9515	0.1	Juan T. Trujillo
Zacatecas de Zac. ....	XELK	1280	0.1	Jose Macias Gerrero
Zamora, Mich. ....	XESC	1450	0.1	Guillermo Calzada
Zamora, Mich. ....	XEGT	1490	0.25	Juan T. Trujillo

\* Reported off the air by FBIS.

## **Radio Programas de Mexico, S. A.**

*Head Office:* Ayuntamiento 52

*General Offices:* J. M. Marroqui 11

P. O. Box 1324, Mexico City, Mexico

*Phones: Head Office:* L-13-73, 12-72-34

*General Office—*J-29-01, 12-65-44

### **— PERSONNEL —**

President .....	Emilio Azcarraga
Vice-President and General Manager .....	Clemente Serna Martinez
Sales Manager .....	Juan M. Duran y Casahonda
Assistant Manager .....	Adrian R. Lajous
Continuity Department .....	Antonio Eufracio Ontiveros
Engineering Department .....	Carlos Camacho
Accounting Department .....	Horacio Nino Medina
Advertising Department .....	Daniel Esquivel
International Division .....	Homero Rios D.

Key Stations: XEW-XEWW—XEQ-XEQQ—Mexico City

### **AFFILIATED STATIONS IN MEXICO**

#### **XEW-Network**

<i>Call Letters</i>	<i>City</i>	<i>Call Letters</i>	<i>City</i>
XEKJ	Acapulco, Gro.	XEI	Morelia, Mich.
XEBI	Aguascalientes, Ags.	XEFB	Monterrey, N. L.



## RADIO PROGRAMAS DE MEXICO

<i>Call Letters</i>	<i>City</i>	<i>Call Letters</i>	<i>City</i>
XEA	Campeche, Camp.	XEGL	Navojoa, Son.
XEFQ	Cananea, Son.	XEHF	Nogales, Son.
XENC	Celaya, Gto.	XEFE	Nuevo Laredo, Tamps.
XEBA	Ciudad Guzman, Jal.	XEAX	Oaxaca, Oax.
XEP	Ciudad Juarez, Chic.	XETQ	Orizaba, Ver.
XETR	Ciudad Valles, S. L. P.	XEJR	Parral, Chih.
XEBJ	Ciudad Victoria, Tamps.	XEMU	Piedras Negras, Coah.
XERL	Colima, Col.	XEHR	Puebla, Pue.
XESA	Culiacan, Sin.	XEJX	Queretaro, Qro.
XEFI	Chihuahua, Chih.	XERT	Reynosa, Tamps.
XEE	Durango, Dgo.	XEBX	Sabinas, Coah.
XEHL	Guadalajara, Jal.	XEDE	Saltillo, Coah.
XEBH	Hermosillo, Son.	XECZ	San Luis Potosi, S. L. P.
XEBO	Irapuato, Gto.	XETU	Tampico, Tamps.
XEKL	Jalapa, Ver.	XERK	Tepic, Nay.
XERZ	Leon, Gto.	XEC	Tijuana, B. C.
XECF	Los Mochis, Sin.	XEBP	Torreón, Coah.
XEAM	Matamoros, Tamps.	XETL	Tuxpan, Ver.
XERJ	Mazatlan, Sin.	XEUF	Urugpan, Mich.
XEME	Merida, Yuc.	XEU	Veracruz, Ver.
XECL	Mexicali, B. C.	XELK	Zacatecas, Zac.
XEDW	Minatitlan, Ver.	XEGC	Zamora, Mich.

### XEQ-Network

<i>Call Letters</i>	<i>City</i>	<i>Call Letters</i>	<i>City</i>
XERO	Aguascalientes, Ags.	XEJA	Jalapa, Ver.
XEOX	Ciudad Obregon, Son.	XEFM	Leon, Gto.
XEAG	Cordoba, Ver.	XER	Linares, N. L.
XEY	Cuernavaca, Mor.	XEDS	Mazatlan, Sin.
XEBL	Culiacan, Sin.	XEFC	Merida, Yuc.
XEBU	Chihuahua, Chih.	XELQ	Morelia, Mich.
XEPF	Ensenada, B. C.	XEMR	Monterrey, N. L.
XEMA	Fresnillo, Zac.	XEMJ	Piedras Negras, Coah.
XELW	Guadalajara, Jal.	XESJ	Saltillo, Coah.
XEJT	Guanajuato, Gto.	XEBM	San Luis Potosi, S. L. P.
XEHQ	Hermosillo, Son.	XETS	Tapachula, Chis.
XEWE	Irapuato, Gto.	XEXT	Tepic, Nay.
XEDN	Torreón, Coah.	XEHV	Veracruz, Ver.
		XEDH	Villa Acuna, Coah.

### AFFILIATED STATIONS IN CENTAL AND SOUTH AMERICA

<i>Call Letters</i>	<i>City</i>	<i>Call Letters</i>	<i>City</i>
YSR	San Salvador, El Sal.	OAX4F	Lima, Peru
HRN	Tegucigalpa, Hond.	HJCH	Bogota, Colombia
YNOW	Managua, Nicaragua	HJCS	Bogota, Colombia
TIGPH	San Jose, Costa Rica	HJDA	Medellin, Colombia
HOC	Panama, Panama	HJDQ	Medellin, Colombia
HOK	Colon, Panama	HJAH	Barranquilla, Col.
YV5RA	Caracas, Venezuela	HJAN	Barranquilla, Col.
YV5RG	Caracas, Venezuela	HJEB	Cali, Colombia
YV1RF	Maracaibo, Venezuela	HJER	Cali, Colombia
YV1RK	Maracaibo, Venezuela	CX14	Montevideo, Uruguay
HCQR	Quito, Ecuador	CX18	Montevideo, Uruguay
HE2AJ	Guayaquil, Ecuador	HIN	Trujillo, Rep. Dominicana

# STATIONS OF CENTRAL AND SOUTH AMERICA

## ARGENTINA

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Bahia Blanca	LU2	900	5.0	Camillio V. Bertorini
Bahia Blanca	LU3	1150	10.0	
Bahia Blanca	LU7	1240	2.5	Filomena Z de Cennari
Buenos Aires (Banfield)	LS2	1190	15.0	Teodors Prieto
Buenos Aires (Ciudadela)	LS4	670	12.0	Juan G. Gonzales Speroni
Buenos Aires	LRA	750	10.0	Dirreccion General de Correos, Telegrafos
	LRA-1	9690 sw.		
	LRA-5	17720 sw.		
Buenos Aires (Florida)	LR2	910	6.0	Alfred Schroeder
Buenos Aires (Florida)	LS10	590	6.0	Victor J. Ruano
Buenos Aires (Florida)	LR9	1030	5.0	Gregorio Echavarria
Buenos Aires	LRA-2*	6180 sw.	10.0	Dirreccion General de Correos, Telegrafos
	LRA-3*	11730 sw.		
Buenos Aires (Hurlingham)	LR6	870	25.0	S. A. La Nacion
Buenos Aires (Hurlingham)	LR7 sw.	9640	5.0	
	LR3	950	90.0	Jaime Yankelevich
	LR71 sw.			
Buenos Aires (Monte Grande)	LS1	710	50.0	Municipalidad de la Capital
Buenos Aires (Monte Grande)	LR5	830	25.0	Alfred B. Dougall
Buenos Aires (Rivadavia)	LR4	990	50.0	Antonio C. Devoto
	LRS			
	LRS1			
Buenos Aires (Rivadavia)	LS5	1110	5.0	Enrique Caride
Buenos Aires (Vicente Lopez)	LS9	1270	6.0	S. A. La Voz Del Aire
Buenos Aires (San Fernando)	LR1	1070	50.0	Empresa Editorial
	LRU*	15290 sw.	7.0	Haynes Ltda., S. A.
	LRX	9660 sw.	7.0	
Catamarca	LW7	730	1.5	Hector Tavella, Rivadavia 751
Catamarca	LV15	1360	0.5	
Chubut	LU4	640	1.5	Cia Broadcasting de la Patagonia
Cordoba	LV3	620	15.0	Alberto P. Brouard (Station suppressed by Argentine Gov't.)
Cordoba	LV2	960	5.0	Luis Maunier
Cordoba	LV8	1330	1.0	
Cordoba	LW1	790	15.0	
Corrientes	LT7	1340	1.0	Gobierno Prov. Corrientes
Jujuy	LW8	1130	1.5	
San Luis	LV13	1250	1.0	
La Plata	LR11	1390	0.5	Universidad Nacional de la Plata
La Plata	LS11	1310	30.0	Gobierno Prov. B.A. Pasaje Dardo Roche

## LATIN-AMERICAN STATIONS

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Mar del Plata	LU6	1300	1.5	Jose Zaccagnini
Mendoza (Cuyo)	LV10	1210	2.5	Marcelino Aparicio
Mendoza (San Rafael)	LV4	690	1.0	Julio Silva
Mendoza	LV6	630	10.0	
Mendoza	LW2			
Necochea	LU9	1440	0.5	
Neuquen	LU5	1130	1.5	
Neuquen	LU11	1370	0.5	
Parana	LT11	1470	0.5	
Posadas	LT4	1010	1.5	
Posadas (Misiones)	LT6	1460	0.5	
Resistencia (Chaco)	LT5	1080	1.5	Jose M. Noveri
Santa Cruz	LU12	680	1.5	Cia. Broadcasting de la Patagonia
Rosario	LT2	1230	15.0	
Rosario (Santa Fe)	LT1	780	10.0	Fernando Maliandi
Rosario (Santa Fe)	LT3	1160	5.1	Soc. Rural Cerealistas
Rosario (Santa Fe)	LT8	840	3.0	Alfredo B. Dougall
Salta	LV9	970	1.0	Gobierno Prov. Salta
San Juan	LV1	560	5.0	S. A. Graffigna, Ltda.
San Juan	LV5	1090	1.5	Soc. C. Rodriguez Vila y Cia
Santa Fe	LT10	1320	0.5	
Santa Fe	LT9	1200	1.0	Roca Hermanos y Cia.
Santa Fe	LT12	1260	1.0	
Santa Rosa (Pampa Central)	LU8	1250	0.5	
Santiago	LV11	1170	2.0	S. A. El Liberal
Tucuman	LV12	580	5.0	Soc. Reps. Lda. Radio Aconquija
Tucuman	LV7			
La Rioja	LV14	820	2.5	Gonzalez Acha y Munoz
Buenos Aires	LS6	1350	6.0	Ricardo A. Bernotti

\* Reported inactive by FBIS.

## BOLIVIA

Cochabamba	CP28	1360	0.150	Gottret y Cia.
	CP40	9570 sw.		
Cochabamba	CP44	580	0.05	Victor Veltze
Cochabamba	CP45	1090	0.05	Raul Montecinos
Cochabamba	CP39	6160 sw.	0.25	
La Paz	CP3	1390	5.00	Costas Hermanos
	CP38	9480 sw.	5.00	
La Paz	CP4	1040	10.00	Dept. of Communications of Bolivian Govt.
	CP5	6200 sw.	1.00	
La Paz	CP8	1450	0.05	Sejas and Co.
La Paz	CP10	1090	0.05	C. Munoz
La Paz	CP12	6150 sw.	0.25	Owned and operated by Catholic priests.
(Colegio San Calixto)	CP29	1350	0.1	
La Paz	CP16	1230	0.02	
Oruro	CP18		0.25	
(Colegio San Calixto)				
Oruro	CP14	1250	0.05	Javier Romero (Sociedad Anonima-Radio La Noche)
Oruro	CP26	1510	0.05	
Oruro	CP31	975	0.05	
Oruro	CP46	770	0.05	
La Paz	CP19	950	.05	Augustin Aspiazu
La Paz	CP20	930	1.0	Romon Pelaez
	CP15 sw.	6120 sw.	.25	
La Paz	CP32	620	.05	Cia. Internacionale de Radio, Bolivia (Juan C. Salinas)

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
La Paz	CP34	680	.15	Buillermo Teran
	CP25	9700 sw.	.25	
Oruro	CP36	1420	.05	Enrique Wanting
Oruro	CP11	6100 sw.	.25	
Oruro	CP37	6170 sw.	.25	
Potosi	CP22	6130 sw.	.25	L. Camacho
Potosi	CP17	1600 sw.	.05	Alfredo Ossio L.
Santa Cruz	CP13	1250	.05	L. Canedo Reyes
	CP30	6135 sw.	.25	
Sucre	CP27	1420	.05	C. Torres
Sucre	CP41	6020 sw.	.25	Jose Comacho B.
Tarija	CP23	6190 sw.	.175	

## BRAZIL

Aracaju (Sergipe)	PRJ6	630	1.	Jose Nunes Rebello
Aracatuba (Sao Paulo)	PR18	1460	0.5	Joao Ferraz S. br.
Araguari (Minas Gerais)	PRJ3	970	0.25	Dr. Arcino Santos
Araraquara (Sao Paulo)	PRD4	1370	0.5	Romulo Lupo
Assis (Sao Paulo)	ZYA9	1550	0.1	
Barretos (Sao Paulo)	PRJ8	1530	0.1	
			0.25	
Bauru (Sao Paulo)	PRG8	1210	0.5	Joao Simonetti
Belem (Para)	PRC5	1450	2.	Roberto Camelier
		4865 sw.		
Belo Horizonte (Minas Gerais)	PRC7	690	3.	Dr. Alberto Deodato
Belo Horizonte (Minas Gerais)	PRH6	1340	3.	Lauro Souza Barros
Belo Horizonte (Minas Gerais)	PR13	880	25.	Luis Bessa
Blumenau (Santa Catarina)	PRC4	1330	0.25	Joao Medeiros, Jr.
Botucatu (Sao Paulo)	PRF8	1530	0.1	Emilio Pedute
Cambara (Parana)	ZYA3	1590	0.1	
Campinas (Sao Paulo)	PRC9	1170	1.	Antonio Tepedino Pagino
Campos (Rio de Janeiro)	PRF7	1330	0.5	Dr. Marro Ferraz Sampaio
Campo Grande (Mato Grosso)	PR17	1510	0.1	Dr. Antonio A. Campos
Caxambu (Minas Gerais)	ZYC2	1550	0.1	
Corumba (Mato Grosso)	ZYA2	1470	0.5	Teodomiro Serra
Cruzeiro (Sao Paulo)	PRG6	640	0.5	Romoaldo Canevari
Curityba (Parana)	PRB2	1440	5.	Epaminondas Santos
Curityba (Parana)				
Formiga (Minas Gerais)	ZYB6	1530	0.1	
Fortaleza (Ceara)	PRE9	1320	2.	Waldemar Cartolano
		6105 sw.		
		15165 sw.		
Franca (Sao Paulo)	PRB5	1240	0.25	
Goiania (Goias)	ZYJ3			
Itapetininga (Sao Paulo)	PRD9	970	0.25	
Itarare (Sao Paulo)	ZYA7	1550	0.1	
Jaboticabal (Sao Paulo)	PRG4	1250	0.25	Oswaldo Fernandes
Joao Pessoa (Parahyba)	PR14	1110	10.	Dr. Abelardo Juruema
Joinville (Santa Catrina)	ZYA5	1600	0.1	
Juiz de Fora (Minas G.)	PRB3	1010	0.5	Pedro Goncalves de Oliveira
Jahn (Sao Paulo)	PRG7	1010	0.25	Ulisses Newton Ferreira
Limeira (Sao Paulo)	PRJ5	1550	0.1	Ary Levy Pereira
Lins (Sao Paulo)	ZXB3	1550	0.1	
Manaos (Amazonas)	PRF6	4895 sw.	0.1	Dr. V. Pareto Neto
Natal (Rio Grande de Norte)	ZYB5	1270	1.	
Nitheroy (R. J.)	PRD8	1320	1.	Jose Augusto Mendes
	PRE6	1470	1.	Tte. Custodio Fontes
Paranahyba (Pianu)	PRJ4	1470	0.5	Dr. Joao Tavares de Carvalho
Patos (Minas G.)	ZYB4	1530	0.1	

• • •      **LATIN-AMERICAN STATIONS**      • • •

<i>Location</i>	<i>Call Letters</i>	<i>Frequency Kcs.</i>	<i>Power Kws.</i>	<i>Owner or Operating Agency</i>
Pelotas (Rio Grande de Sul)	PRC3	580	0.25	Carlos G. Sica
Petropolis, L. (R. J.)	PRH4	1320	0.5	Atakualpa Dias
Piricicaba (Sao Paulo)	PRD3	1480	1	Carlos Rodrigues Viana
Pocos de Caldas (Minas G.)	PRD6	820	0.25	Joao Sampaio Goes
Ponta Grossa (Parana)	PRH5	1160	0.25	Benedito Meira Borges
Porto Alegre (Rio Grande de Sul)	PRJ2	1250	.5	Manoel Machuca
	PRH2	600	25.	Dearios Associados
Porto Alegre (Rio Grande de Sul)	PRF9	640	5.	Arthur Pizoli
Porto Alegre (Rio Grande de Sul)	PRC2	680	5.	Dr. Lelis Espartel
Pouso Alegre (Minas Alegras)	PRJ7	1530	0.1	Jose Nunes Rebello
Marilia (Sao Paulo)	PRJ2	1090	0.5	Oscar de Moraes Barros
Prudente (Sao Paulo)	PRJ5	970	0.25	Manoel Bussacos
Recife (Pernambuco)	PRA8	720	25.	Oscar Moreira Pinto
		6012 sw.	5.	
Ribeirao Preto (Sao Paulo)	PRA7	730	0.5	Jose da Silva Bueno
Ribeirao Preto (Sao Paulo)	PRH7	1170		Lonzado Bueno
Rio Claro (Sao Paulo)	PRF2	1460	0.25	Waldemar Cartolano
Rio de Janeiro				
Distrito Fed.	PRA2	800	25.	Ministerio Educacao Saude
	PRA3	860	10.	Dr. Rolpho Estevan de Siqueira
Rio de Janeiro				
Distrito Fed.	PRA9	1220	25.	Edmar Machado
Rio de Janeiro				
Distrito Fed.	PRB7	900	5.	Alceu Mario de Sa Freire
		6200 sw.	25.	
		9610 sw.	25.	
		15370 sw.	25.	
Rio de Janeiro				
Distrito Fed.	PRC8	1360	5.	Guilherme Manes
Rio de Janeiro				
Distrito Fed.	PRD2	1060	10.	Mario Villaca Meyer
Rio de Janeiro				
Distrito Fed.	PRD5	1400	1.	Francisco Gomes-Maciell Pinheiro
Rio de Janeiro				
Distrito Fed.	PRE2	1430	5.	Dr. Placido de Melo
Rio de Janeiro				
Distrito Fed.	PRE3	1180	7.5	Dr. Elisio Dantas
Rio de Janeiro				
Distrito Fed.	PRE8	980	25.	Dr. Gilberto de Andrade
Rio de Janeiro				
Distrito Fed.	PRF4	940	10.	Ernesto Ferreira Carneiro
Rio de Janeiro				
Distrito Fed.	PRF5	9500 sw.	12.	Dr. J. V. Pareto Neto
		9600 sw.		
		10220 sw.		
		15190 sw.		
Rio de Janeiro				
Distrito Fed.	PRG3	1280	10.	Dr. Teofilo de Barros
Rio de Janeiro				
Distrito Fed.	PRL9	9505		Brazilian Govt.
	PRL8	11720		
	PRL7	17850		
Rio de Janeiro				
Distrito Fed.	PRH8	1130	0.5	Francisco Xavier Filho
		1011		

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Rio Grande (Rio Grande de Sul)	ZYC3	1510	0.1	
Rio Breto (Sao Paulo)	PRB8	640	0.25	Andrassy Ribeiro
Santos (Sao Paulo)	PRB4	1450	1.	Hermenegildo da Rocha Brito
Santos (Sao Paulo)	PRG5	580	0.75	Carlos Baccarat
Sao Carlos (Sao Paulo)	ZYA6	1590	0.1	
Sao Carlos (Sao Paulo)	ZYA6	1590	0.1	
San Luiz (Maranhao)	PRJ9	1490	5.	Jose Ribamar Pinheiro
Sao Manuel (Sao Paulo)	PR16	1510	0.1	Vitorino Ribeiro
Sao Paulo (Sao Paulo)	PRB9	1000	25.	Dr. Paulo Machado de Carvalho
Sao Paulo (Sao Paulo)	PRE7	1410	5.	Dr. Joao Ferreira Fontes
Sao Paulo (Sao Paulo)	PRF3	960	5.	Dr. Ubiratan Silveira Pamplona
Sao Paulo (Sao Paulo)	PRG2	1040	25.	Dr. Antonio Herman Dias Menezes
Sao Paulo (Sao Paulo)	PRG9	1100	25.	Mons. Dr. Francisco Bastos
Sao Paulo (Sao Paulo)	PRH3	620	5.	Pedro de Camargo
Sao Paulo (Sao Paulo)	PRH9	840	5.	Jose Niccolini
Sao Paulo (Sao Paulo)	PRA5	1260	5.	Joao Baptista de Amaral
Sao Paulo (Sao Paulo)	PRA6	890	10.	Dr. Oswaldo Costa, Director
Sao Paulo (Sao Paulo)	PRB6	1200	5.	Oscar P. Seckler
Sao Paulo (Sao Paulo)	PRE4	1300	5.	Olavo C. Fontoura
Sao Paulo (Sao Paulo)	ZYB7	6095 sw.	25.	
		11765 sw.		
Sao Sebastiao Paraiso (Minas G.)	ZYA4	1510	0.1	
Soracaba (Sao Paulo)	PRD7	1080	0.5	Orlando da Silva Reitas
Taubate (Sao Paulo)	ZYA8	1590	0.1	
Uberaba (Minas G.)	PRE5	1390	0.5	Quintiliano Jardim
Uberlandia (Minas G.)	PRC6	1510	0.1	Aristides Figueiredo
Varginha (Minas G.)	ZYB2	1590 sw.	0.1	
Vitoria (Espirito Santo)	PR19	1350	0.1	Dr. Ciro Vieira da Cunha

## BRITISH GUIANA

Georgetown	VP3BG	6130	0.065	British Guiana Broadcasting Co., Ltda.
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## BRITISH HONDURAS

Belize	ZIK-2	10600	0.2	Government
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## CHILE

Antofagasta	CAI41	1410	1.	Angel Garcia y Cia. Ltda.
Antofagasta	CAI27	1270	0.25	Horus Predreny Palma
Chillan	CCI38	1330	0.15	Adriana Pagueguy de Logos
Chillan	CC127	1270	0.1	Rafael Barrios
Concepcion	CC141	1410	0.1	Chilena de Comunicaciones (rented for 1 year to Rafael Arjona N.)
Concepcion	CC117	1170	1.0	Federico Sanchez
Concepcion	CC64	640	1.	Mario Saez Lagoa
Coquimbo	CA96	960	0.3	Cesar Nieme Abey
Curico	CC96	960	0.1	Alberto Guerra
Iquique	CA63	630	0.25	Antonio Cajiao
La Serena	CA108	1080	1.0	Ed. Encina Arancibia
Osorno	CD84	840	1.5	Soc. Agricola y Granadera de Osorno

## LATIN-AMERICAN STATIONS

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Puerto Montt	CD101	1010	1.	Chilena de Comunicaciones
Puerto Montt	CD147	1470	0.1	Ernesto Riedel
Punta Arenas	CD103	1030	0.1	Ramón Verde Ramos
(CD103 cancelled—moved without authorization and reported ship movements)				
Punta Arenas	CD111	1110	0.1	Emilio Turina
Punta Arenas	CD113	1130	1.	Chilena de Comunicaciones
Punta Arenas	CD136	1360	0.45	Victoria Iglesias de Biancilla
Quillota	CB113	1130	0.1	Leopoldo Cirando G.
Rancagua	CC63	630	0.6	Manuel Massoni
Rancagua	CC109	1090	0.1	Jorge Romero Ramirez
Rancagua	CC145	1450	0.1	Alan Rojas
S. Antonio (Puerto Viejo)	CB140	1400	0.1	Soc. Radiodifusora Onda Azul Ltda.
Santiago de Chile	CB66	620	1.	International Machinery Co.
Santiago de Chile	CB57	570	7.5	Soc. Nacional de Agricultura
Santiago de Chile	CB76	760	14.	Cia. Chilena de Comunicaciones S. A.
Santiago de Chile	CB89	890	1.	Carlos Briceno, owner. Rented for five years to Antonio Zarate Andreu
Santiago de Chile	CB97	970	1.	Soc. Chilean de Radiodifusion y Propaganda
Santiago de Chile	CB101	1010	1.	Chilena de Comunicaciones
Santiago de Chile	CB106	1060	5.	Manuel Casablanca Latorre
Santiago de Chile	CB114	1140	5.	Ricardo Vivado
Santiago de Chile	CB126	1260	10.	Soc. Chilena Radiodifusora S. A.
Santiago de Chile	CD960	9600 sw.	1.	Horacio Hevia Labbe
	CB130	1300	2.0	
Santiago de Chile	CB134	1340	2.	German Holtheuer Valdivia
Santiago de Chile	CB138	1380	5.	Empresa Periodistica "El Mercurio"
	CB1185	11850 sw.	5.0	
Santiago de Chile	CB142	L. W.	1.	Jiles Y Cia.
Santiago de Chile	CB144	1440	2.	Clark Hnos.
Santiago de Chile	CB144C	1440	0.2	Oscar Moraga Fuenzalida
Santiago de Chile	CB150	1500	50.	
Santiago de Chile	CB1180	11975 sw.	1.	Soc. Nacional de Agricultura
Santiago de Chile	CB1170	11700 sw.	0.3	Otto Becker, Ltda.
Santiago de Chile	CB93	930	8.	Orlandini y Raggio Ltda.
	CB1174	11740 sw.		
Talca	CC96	960	.25	Alberto Guerra Cruzatt
Talca	CC84	840	0.1	Francisco Morales Castillo
Talca	CC67	670	0.1	Ramon Abasolo
Temuco	CD90	700	1.2	De Mayo Hnos.
Temuco	CD69	690	1.2	Daniel De Mayo Levi
Temuco	CD125	1250	1.5	Soc. Radio Emisoras Sur de Chile
Tocopilla	CA90	900	0.1	Hilda Cuellar
Valdivia	CD64	640	1.0	Chilean Communications Co.
	CD59	590	1.0	
Valdivia	CD132	1320	1.0	Carlos Cockbaine
Valparaiso	CB78	780	6.0	Soc. Coop. Vita.
	CE970	9700 sw.	10.0	
Valparaiso	CB90	900	.4	Emp. Periodistica "El Mercurio"
Valparaiso	CB103	1030	0.75	Cia. Chilena de Comunicaciones S. A., Radio la Cooperativa Vitalicia Valparaiso, Chile
	CE910	9730 sw.		
	CE615	6150 sw.		
Valparaiso	CB116	1160	1.	Patricio Edwards Linares
Valparaiso	CB120	1200	1.	Angel I. Prieto Andreas

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Valparaiso	CB124	1240	0.25	Ramon Y Fernando Garcia y Cia.
Valparaiso	CB132	1320	1.	Sociedad Wallace y Cia.
Valparaiso (Vina del Mar)	CB64	640	3.0	Adriano Iz.
Valparaiso (Vina del Mar)	CB63	680	.5	Renard y Garcia Tello
Valparaiso (Vina del Mar)	CB111	1110	0.75	Joaquin Venegas

## COLOMBIA

Aguadas	HJFJ	1500	.025	Roberto Florez
Armenia	HJFI	1540	1.	Bernardo Santacoloma and D. Julio Rondon E.
Armenia	HJFM	4875 sw.	.6	Botero Y Cia. (Braulio Botero Londono)
	HJFM	1210	0.6	
Barranquilla	HJAA	1330	0.5	Alfonso Rosales Navarro
Barranquilla	HJAG	4905 sw.	.45	Emisora Atlantic S. A., Angel M. Ruiz, owner
	HJAH	1050	.4	
Barranquilla	HJAI	1370	0.25	Julian Melendez
Barranquilla	HJAK	1310	0.35	Vassallo Hinos y Mendez (Clemente Vassallo Gomez, owner)
Barranquilla	HJAB	4785	1.	Eliecer Velasco
	HJAN	1190 sw.	1.	
Barranquilla	HJAS	1500	0.4	Miguel A. Ruiz
Barranquilla	HJAT	1275	.5	Delfina v. de Haayen
Bogota	HJCB	1105	.8	Colombia Broadcasting S. A. (Robt. Ramirez, Enrique Ramirez & Jorge Alford)
	HJCD	6160	8.0	
Bogota	HJCC	870	5.	Gustavo Uribe Th.
	HJCE	1220	1.	
	HJCF	6073 sw.	0.75	
Bogota	HJCG	1060	0.5	Julio Bernal
Bogota	HJCI	4895 sw.	0.75	Manuel J. Gaitan
	HJCH	810	.5	
Bogota	HJCJ	1380	0.2	Manuel J. Gaitan
Bogota	HJCK	1290	0.5	Anez & Tobon Sierra
Bogota	HJCN	1335	0.5	Roberto Laignelet
Bogota	HJCO	1160	1.	Jesus M. Garcia
	HJCW	4945 sw.	.75	
Bogota	HJCQ	4955 sw.	0.15	Ministerio de Economia Nacional
Bogota	HJCR	1200	3.0	Colombian Govt.
	HJCT	6260 sw.	2.5	
Bogota	HJCU	720	5.	Cristobal Paez G. y Cia. Ltd.
	HJCA	4855 sw.	1.	
	HJCY	1460	.35	
Bogota	HJCX	6018 sw.	0.75	Cipriano Rios Hoyos
	HJCZ	1040	1.0	
Bogota	HJCS	920	50.	Cia. Radiodiffusion Colombiana—Jose V. Arias, owner
Bucaramanga	HJGE	1130	.5	Gustabo Sorzano Jimenez
Bucaramanga	HJGB	4775 sw.	1.5	Francisco A. Bueno
	HJGK	1280	0.25	
Buenaventura	HJES	1525	0.05	Heriberto Quintero
Buenaventura	HJEW	1355	0.22	Jorge E. Berrio
Buga	HJEI	1410	0.1	Bernando Buena Delgado
Buga	HJEP	1485	0.5	Sociedad Voces de Occidente—Hernando Azcarate M., owner



# LATIN-AMERICAN STATIONS

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Cali	HJEB	1150	1.0	Eduardo Cordoba
	HJED	4825 sw.	1.0	
Cali	HJEC	1300	0.3	Rafael Angulo
Cali	HJEE	1090	0.2	Jose T. Calderon N.
Cali	HJEF	1340	0.5	Hernando Bueno Delgado, owner
	HJEL	1260	0.5	
Cali	HJER	1395	0.5	Cesar Mendoza Mazuera
	HJEX	4865 sw.	2.5	
Cali	HJET	1510	.5	Dirreccion de Educacion del V.
Cali	HJEN	1370	0.5	Alfonso Mese Vargas
Cartagena	HJAD	1440	0.25	Laboratories Fuentes, Rafael Fuentes, owner
	HJAE	4965 sw.	.48	
	HJAF	1240	0.252	
Cartagena	HJAP	4925 sw.	0.5	Lequerica Hermanos
	HJAR	1400	0.3	
Cartago	HJEO	1230	0.5	Saniel Dozman
Ciengca	HJBE	1460	.25	Elvira de Pereira
Cucuta	HJBB	4815 sw.	0.75	Pompilio Sanchez
	HJBC	1270	0.5	
Girardot	HJCL	1460	0.25	Carlos J. Sanchez G.
Girardot	HJCV	1420	0.1	Maria Teresa Ramirez R.
Ibague	HJFC	1500	0.1	Vicente Vaitan Rondon
Ibague	HJFL	1440	0.1	Luis E. Martinez
Ibague	HJFP	1550	.075	Mario Cadavid
Libano (Tolima)	HJFO	1520	.05	Hector Enrique Giraldo
Magangue	HJAC	1420	0.1	Manuel Agustin Varela
Manizales	HJFB	6105 sw.	1.00	Cia. Radio Manizales Alberto Hoyos A., Dir.
	HJFD	1390	0.75	
Manizales	HJFX	600	1.	Antonio Pinzon H.
Medellin	HJDA	1285	0.42	Humberto Restrepo A.
Medellin	HJDC	1360	0.6	Francisco Cuartas
	HJDX	4795	.6	
	HJDE	6145 sw.	5.	
Medellin	HJDK	1250	.5	Cia. Colombia de Radiodifusion—Luis Ramos, owner
	HJDL	1480	0.5	
Medellin	HJDM	1520	0.5	Jaime Tobon R. (leased to Hernando Gomez)
Medellin	HJDQ	1320	0.75	Prospero Aguirre Cia. Antiquena de Radiodifusion (Fernando Restrepo Alvarez, owner)
	HJDP	4885 sw.	.6	
Medellin	HJDR	1380	0.3	Ramirez & Cia. Ltda.
Medellin	HJDT	1150	0.25	Alfonso Jaramillo, Hernando Tellez, Jaime Garcia
Medellin	HJDZ	1490	0.25	Universidad de Antioquia
	HJDU	4805 sw.	.75	
Medellin	HJCB		0.5	Hernando Tellez B.
Monteria	HJAL	1465	0.5	Julio Cesar Patino
Neiva	HJFN	1420	0.1	Helidora Tamayo Teodulo Camacho, G.
	HJFP	1520	.1	
Ocana	HJBF	1525	0.1	Luis Linero
Palmira	HJEJ	1460	0.3	Rafael Angulo
Palmira	HJEQ	1180	0.5	Regulo Benitez
Pamplona	HJBA	1400	0.1	Gonzalo Vargas
Pasto	HJHA	1350	0.35	Sociedad Radio Narino—Sra. Elisa de Pesantes, owner
Pasto	HJHB	1170	0.5	Bernardo Bueno Delgado
Pereira	HJFA	6054 sw.	.75	Cesar and Mario Arango M.
	HJFE	1470	0.499	
	HJFQ	1120	.5	

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Pereira	HJFK	6097 sw.	2.5	Sociedad "La Voz Amiga"
	HJFF	1350	1.	Antonio Giraldo C. & Son
Popayan	HJEA	1500	.5	Jesus Hernando Hormaza
Popayan	HJEG	1450	0.3	Mercedes M. De Valencia
Quibedo	HJJD	4805 sw.	.5	Intendencia del Choco Cultural
Santa Marta	HJBH	1410	0.5	Manuel C. Conde
Santa Marta	HJBJ	1140	0.5	Julio A. Sanchez
Santander	HJEH	1550	.025	Escuela Rafael Tello
Sevilla	HJET	1510	0.25	Daniel Benitez
Tocaima	HJCP	1530	0.092	Ruperto Aguilera Leon (Catholic station)
Tulda	HJEK	1420	.1	Hernando Bueno Delgado
Tunja	HJGA	1425	.25	Pedro Martinez

## COSTA RICA

Alajuela	T15JJM	575	.8	Emilio E. Martinez
Cartago	TIMC	735	0.75	J. Mario Cardos
	T14NRH	710	0.75	Amanda Cespedes M.
		9692 sw.	0.75	
Heredia	TIWS	6065 sw.	0.3	Manuel Campos J.
Puntarenas	TIJMP	690	1.0	Jose Maria Pinaud
San Jose	TIGPH	605	6.5	Gonzalo Pinto H.
	TIGPH2	800	3.	Gonzalo Pinto H.
San Jose	TIPG	625	5.0	Perry Girton
		9615 sw.	2.5	
San Jose	TIGH	690	2.	Jose Maria Pinaud
San Jose	TIVP	750	0.5	Narciso Garcia
San Jose	TILJ	775	0.5	Lola Monje M. de Jimene
San Jose	TIEP	6700 sw.	1.	Eduardo Pinto H.
		830	3.	
		1225	3.	
San Jose	TIRS	920	.4	Rogelio Sotela B.
San Jose	TIOS	940	0.5	Rafael Sotela
San Jose	TIRH	970	1.0	Rafael Hine Chavarria
		6150 sw.	0.25	
San Jose	TIFA	1000	0.25	Francisco Arie
	(TIFA off the air for duration of war—from FCC reports)			
San Jose	TISMG	1045	0.5	Guillermo Zniga
San Jose	TINBC	1070	2.0	Perry Girton
San Jose	TIHZ	1150	1.	Heli Zuniga
San Jose	TIRRC	1200	0.5	Carlos Borge
		6180 sw.	0.3	
San Jose	TIBAS	650	2.5	Gonzalo Pinto H. (same as for TIGPH)
San Jose	TILS	880	5.	Luis Saenz Mata
		6165 tw.	2.	
San Jose	TIMACHO	1100	.5	Maximo Chaves Arias

## CUBA

Artemisa	CMAx	660	.25	Juan de Dios Careno y Valdes
Bayamo	CMKX	1090	.25	Oscar Vidal Benitez
Caibarien	CMHD	1560	5.	Manuel Alvarez
			0.2*	*Present authorized power
Camaguey	CMJL	920	10.0	Cambo y Gabriel SA
Camaguey	CMJN	740	1.	Cadena Azul, S. A.
Camaguey	CMJK	620	0.25	Jones Castrillon y Cia.
	COJK	8665 sw.	1.0	

. . . **LATIN-AMERICAN STATIONS** . . .

<i>Location</i>	<i>Call Letters</i>	<i>Frequency Kcs.</i>	<i>Power Kws.</i>	<i>Owner or Operating Agency</i>
Camaguey	CMJA	1030	0.25	Rafael Valdes
Camaguey	CMJE	1230	0.25	Primo A. Casares
Camaguey	CMJF	1300	0.25	Gertrudis de la Cruz Perez
Camaguey	CMJW	1400	0.25	Andres M. Cisneros
Camaguey	CMJC	1340	0.25	Fernando Terron Bolanos
Cardenas	CMGE	1470	0.25	Geraro Sabater
Cerro	CMCB	1330	0.25	Metropolitan Radio de Cuba S. A.
Cienfuegos	CMHM	1450	0.25	Jose Ramon Remenias, Jr.
Cienfuegos	CMHJ	1350	0.25	Romauldo Ugalde Cordero
Ciego de Avila	CMJH	1370	0.25	Luis Marauri Mendoza
Ciego de Avila	CMJI	1440	0.25	G. Gessa Lopez
Ciego de Avila	CMJM	1270	1.	
Ciego de Avila	CMJO	1470	0.25	Benifacio Idefenso
Cruces, L. V.	CMHK	1380	0.25	Virgilio Villanueva
Guanabacoa	CMBH	1540	5.0	Vicente Espinosa
Guanabacoa	CMCF	910	3.5	Radio Internacional
Guantanamo, Orte	CMKS	900	0.25	Candido Savon Suarez & Martinoll
Guantanamo	CMKH	1130	0.25	Virgilio Arciero Maffei
Havana	CMCJ**	1580	0.25	Rafael Rodriguez
Havana	CMCR**	1580	0.25	Juan Gonzalez y Seneriz
Havana	CMCA**	1490	0.25	Augusto Testar y J. M. Gonzalez
Havana	CMCG**	1460	0.25	Dr. Miguel Angel Campos
Havana	CMCQ	1420	.25	Andres Martinez
Havana	CMBX**	1390	0.25	Vicente Espinosa
Havana	CMOA**	1360	0.25	Juan Fernandez Duran
Havana	CMC**	1360	0.25	Rafael Valdes
Havana	CMBG**	1390	.25	John L. Stowers
Havana	CMCX- CMCH	1290	.25	Jose Custodio Milagro Rumbaut y Lenza
Havana	CMCW	1230	.25	Jose Vilarino
Havana	COK	11616	1.0	Cuban Natl. Sports Department
Havana	CMCU	1190	.25	Jorge Garcia Serra
Havana	CMZI	7190	0.5	Govt. of Cuba—Ministry of Natl. Defense
Havana	CMBQ	1150	5.	Jose Castro Veiga
Havana	CMBY	1110	.25	Pages y Cia.
Havana	CMCM	1060	.25	Cia. Transradio Columbia
	COCM	9833	1.0	
Havana	CMX	1010	10.	Francisco A. Lavin
	COCX	11650 sw.	1.0	
Havana	CMBZ	950	1.0	Manuel y Guillermo Sales
	COBZ	9030 sw.	.25	
Havana	CMK	830	.25	Fausto Montiel
Havana	CMQ	690	25.0	Goar Mestre, Mgr. Director
Havana	CMCY	590	15.	FHC Cadena Azul S. A.
	COCY	11740 sw.		
Havana	CMW	550	2.5	Adolfo Gil y Miguel Troncoso
	COCW	6325	0.1	
Holquin	CMKV	600	1.	
Holquin	CMKF	1490	.25	Manuel J. de Gongora
Holquin	CMKJ	970	1.0	Cambo y Gabriel S. A.
Holquin	CMKO	1220	.25	Manuel Angulo Farran
Jovellanos	CMGN	1310	1.	
Marianao	CMBF	730	1.2	Cia. Radio Universal S. A.
Mariano	CMZ	1260	1.2	Ministry of Education, Govt. of Cuba
	COX	9640		
	CMZ1	7190	.3	

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Matanzas	CMGH	1440	0.6	Garcia Alvarez and heirs
Matanzas	CMGF	1240	0.25	Bernabe R. de la Torre
	COGF	11800 sw.		
Manzanillo	CMKE	1320	0.25	Cia. Radioemisora Manzanillo
Manzanillo	CMKM	560	0.25	Raimundo Comas Doler, Merchan y P. Figueredo
Neuvas	CMJQ	1580	.25	Casper Estevez
Palma Soriano, Orte	CMKZ	1430	.25	Joaquin Venero Obregon
Piner del Rio	CMAB	1450	.25	Francisco Martinez
Piner del Rio	CMAQ	810	1.0	Goar Mestre
Piner del Rio	CMAN	1300	1.0	RHC
Placetes, L. V.	CMHP	1320	.25	Candido de Los Angeles, Guevara Perdome
Puerto Padre	CMKY	1350	0.1	Pedro Zacca Cheda
Rancho Boyeros	CMCK	980	5.0	Luis y Ernesto
	COCO	8700	2.0	Casas Rodriguez
	COCK			
Rancho Boyeros	CMBC	790	1.0	Domingo Fernandez Cruz
	COBC	9363 sw.	1.0	
Regla	CMCD	630	5.0	La Voz del Aire S. A.
	COCD	6130	1.0	
Sagua La Grande	CMHA	1280	.25	Obelardo Menocal
Sancti Spiritus	CMHB	1310	.25	V. E. Weiss y O. Ramirez Isla
Santa Clara	CMHI	570	15.-D	RHC
	COHI	6455	1.0	
Santa Clara	CMHQ	800	10.0	Goar Mestre
Santa Clara	CMHW	950	1.	RHC
	CMHN	960	1.	
Santa Clara	CMHO	1250	.25	Enrique Lasanta
Santa Clara	CMHX	1480	.25	Francisco Chavarry Fuster
Santiago de Cuba	CMKN	930	1.	RHC
Santiago de Cuba	CMKU	640	1.0	Goar Mestre
Santiago de Cuba	CMKW	1000	1.0	Ricardo Miranda, Cortes y Raul Souлары Exchevarria
Santiago de Cuba	CMKC	1250	.25	Roberto Miguel Gonzalez
Santiago de Cuba	CMKR**	1390	.25	Jaime Nadal
Santiago de Cuba	CMKD	1290	1.	Otto Juan Vinas Gimeno
San Luis, Oriente	CMKQ	1460	0.5	Angela Viciado Quintero
Trinidad	CMHT	990	.25	F. E. Soto del Valle
Vedado	CMOX**	1490	.25	Perez y Chisholm
Vedado	CMCO	1230	.25	Enrique Lasanta Oliver
Vedado	CMBD**	1460	.25	Luis Perez Garcia
Vedado	CMBS	1090	.25	Enrique Artalejo Fernandez
Victoria de las Tunas, Oriente	CMKG	1050	.25	Emilio Gran Medina
	COKG	7058	1.2	

\*\* Share time.

## DOMINICAN REPUBLIC

Ciudad Trujillo	HIZ	1350	0.2	Frank Hatton
	HIIZ	1370	0.2	Frank Hatton
		6316 sw.	0.1	Frank Hatton
Ciudad Trujillo	HIJ	1190	.075	
Ciudad Trujillo	HI4M	1150	.02	Jorge L. Rodriguez
Ciudad Trujillo	HI7P	1300	.25	J. M. Roques Roman
Ciudad Trujillo	HIN	1090	0.15	Partido Dominicano
	HI1N	6243	0.07	
Ciudad Trujillo	HIX	950	0.25	Dominican Govt.
	HI3X	11960 sw.	0.25	
	HI1X	6340 sw.	0.25	
Ciudad Trujillo	HIG	900	0.05	A. Cordero Puello
		6280 sw.	0.04	
Ciudad Trujillo	HI1G	6120 sw.	0.25	A. Cordero Puello
	HI2G	9140 sw.	0.25	
Ciudad Trujillo	HIL	6175 sw.	.08	J. C. Pellicer

• • • **LATIN-AMERICAN STATIONS** • • •

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Ciudad Trujillo	HIT	6630 sw.	0.1	F. A. Sanabia
		1050		
Ciudad Trujillo	HI8Q*	1475	.025	Julio Garcia Alardo
Ciudad Trujillo	HI6H*	6115 sw.	0.1	Emilio Garden
Ciudad Trujillo	HI8T*	6122 sw.	.03	Raul Henriquez S.
Ciudad Trujillo	HI2D*	6026 sw.	.15	Accion Catolica Dominicana
		6900 sw.		
		†4500 sw.		

† It is reported that this station is being operated by the Govt. on 4500 kc. as a communications station.

Ciudad Trujillo	HI4D*	1010	0.02	Dr. Luis D. Santamaria D.
Ciudad Trujillo	HI7P	6800 sw.*		J. M. Roques Roman
Ciudad Trujillo	HI6Y	6660 sw.*	.025	Alfonso Cuervo
Ciudad Trujillo	HI8T	6122 sw.*	.003	Raul Henriquez S.
Monsenor Nouel, La Vega	HI2T	6480	.20	Jose Arismendy Trujillo
Santiago	HI1A	6190 sw	.25	Rafael Western
Santiago	HI3U	6015 sw.	.1	Fernando Bertran
Santiago	HI9B	6383 sw.	.25	Jacinto L. Sanchez
Santiago	HI1S*	6420 sw.	.2	Generoso Carnelli
Santiago	HI1D*	6480 sw.	.1	Maria J. Tavarez
Puerto Plata	HI9T	6170 sw.	.10	Luis A. Pelegrin
	HI9U	1010	.025	
Puerto Plata	HI5P*	6565 sw.	.03	J. M. Modesto
San Cristobal	HI1R	6420	.20	Luis Alberti
San Pedro de Macoris	HIH	1420	.15	Domingo Diminguez
	HI1J	6025	.25	Fausto Donastorg
San Pedro de Macoris	HIH	6025 sw.	.25	Fausto Donastorg
Romana	HI3C	6690 sw.	.15	Antonio Herrero Hernandez

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**ECUADOR**

Ambato	HC1VT	6550 sw.	0.1	Municipio de Ambato
Cuenca	HC1AO	4200 sw.	.0015	Humberto Espinosa
Cuenca	HC1CC*	7461 sw.	.004	Comunidad Salesiana
Guayaquil	HC2CW*	900 sw.	.0025	Alfonso Silmot
		8400 sw.		
Guayaquil	HC2OAD	9400 sw.	0.2	Odalia Aruz de Garcia
		900	0.1	
Guayaquil	HC2AJ	1050	1.0	Duis Alcivar Elizalde
Guayaquil	HC2JSB	1250	0.2	Juan S. Beher
		7854 sw.*		
Guayaquil	HC2RB	1250	0.1	Eric Williams
Guayaquil	HC2CM			
Guayaquil	HC2ET	9200 sw.	0.2	Jose Santiago Castillo
	HC2GI	1165	0.1	
Guayaquil	HC2DC			
Guayaquil	HC2AU	1350	0.2	Augusto Alvarado Olca
Guayaquil	HC2RL	6647 sw.	0.2	
Ibarra	HC1IM	4020 sw.	0.3	I. Municipio de Ibarra
Portoviejo	HCJB4	3645 sw.	.003	Clarence W. Jones
Quito	HCJB	974	.7	Clarence W. Jones
		4108 sw.	0.150	
		12455 sw.	7.0	
		9958 sw.	.7	
		28040 sw.	.025	
		7285 sw.	.14	
		27850	1.0	
		14200	1.0	
		7068	1.0	
		1019		

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Quito	HC1PM	5725 sw.	0.15	Leonardo Ponce
Quito	HCQR	1330	0.3	Carlos Mantilla O.
Quito	HCQRX	5970 sw.	0.3	Carlos Mantilla O.
Quito	HC1GQ*	9163 sw.	0.15	Ferrocarril del Dur
Quito	HCBT	1304	0.25	Cesar Mantilla
	HCBS	9350 sw.	0.25	
Quito	HCK*	5885 sw.	0.3	
Quito	HCIGP	7874 sw.	0.2	Miguel Olugel Gonzales, owner; Padre Elias Brito, Dir.
Quito	HC1AD	1410	.25	Operated by Cia, Anterandina de Broadcasting—Vincente Ordenez Pellares, Enrique Arrengui R.
	HC1AB			
Quito	HC2ROZ			
Quito	HC1BF	7265	.3	Adriano Jaramillo
	HC1BD	1111	.2	
Riobamba	PRADO*	6618 sw.	0.5	
Riobamba	HC1CT*	14760 sw.		

\* Reported off the air by FBIS.

## EL SALVADOR

San Salvador	YSR	6520 sw.	0.8	Alberto Cevallos
San Salvador	YSS	640	0.5	Direccion General de Comunicaciones, Govt. of El Salvador
	HUB	4795 sw.	0.3	
	YSD	7894	0.5	
	YSM	11710	0.4	
San Salvador	YSP	780	.115	Fernando Alvayeros Sosa
	YSP-1	1560 sw.		
	YSP-A*	760		
	YSP-B	10400 sw.		
San Salvador	YSO	6150 sw.		

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## GUATEMALA

Guatemala City	TG1	1310	0.3	Govt.
	TG2	6220 sw.	1.	Department of Communications
	TG3	2320	.015	
Guatemala City	TGW	640	10.0	Guatemala Govt.
	TGWA	15170 sw.	10.	
	TGWB	6480 sw.	1.	
	TGWC	1520 sw.	1.	
Guatemala City	TGX	1415	.05	Miguel Angel Mexicano Novales Govt.
Quezaltenange	TGQ	1450	1.	
	TGQA	6400 sw.	0.2	

## HAITI

Port-au-Prince	HHWB	9550		
Leogane	HHK*	6200	25.	Haitian Govt.
		9620 sw.		
		1820 sw.		
		17850 sw.		
		21670 sw.		
		920		
Port-au-Prince	HH3W	10135 sw.	0.5	Ricardo C. Widmaier, Jr.
	HHW	1230	0.25	
	HH2W*	6135 sw.	.03	
		1020		

**LATIN-AMERICAN STATIONS**

<i>Location</i>	<i>Call Letters</i>	<i>Frequency Kcs.</i>	<i>Power Kws.</i>	<i>Owner or Operating Agency</i>
Port-au-Prince .....	HH2S	5945	0.4	
Port-au-Prince .....	HHBM	6167 sw.	0.1	Frank C. Magliore

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**HONDURAS**

Ceiba .....	HRD2	6235 sw.	0.2	Ing. M. R. Moncada
San Pedro Sula.....	HRP1	6351 sw.	0.15	Filiberto Diaz Zelaya
Tegucigalpa .....	HRN	6875 sw.	.2	Rafael Ferrari

**NICARAGUA**

Granada .....	YNFT	7500 sw.	0.1	Jose F. Tercero Z.
Granada .....	YNLAT	7625 sw.	0.1	Leonidas A. Tenorio
Granada .....	YNWW			
Leon .....	YNJAT	5758 sw.	0.6	Jose Agustin Tijerino
Leon .....	YNDG	6850 sw.	0.8	Dionisio E. Gallo
Managua .....	YNLG	1530		
Managua .....	YNPH	6610 sw.*	1.	
Managua .....	YNPS	8590 sw.*	0.8	
Managua .....	YNOW	1230*		
Boaco .....	YNBO	6760 sw.	1.0	La Voz de Nicaragua (Govt.)
Managua .....	YNCQ	6850 sw.*	0.8	Mendoza y Hermanos

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**PANAMA**

Colon .....	HP5K	6005 sw	0.2	Jose Jaen y Jaen
	HOK	640	0.25	
Colon .....	HP5F	6080 sw.	0.15	
Panama .....	HP5G	11780 sw.	0.5	Jose Antonio Sosa M.
	HOA	1000	1.0	
Panama .....	HOC	1440	.025	Jose Jaen y Jaen
Panama .....	HP5A	11700 sw.	.3	Jose Jaen y Jaen
Panama .....	HOQ	1250	0.25	Fernandez Jose Herrera, Jr.
Panama .....	HP5B	6030 sw.	0.15	Ernesto de la Guardia, Jr.
	HP5C	730	.4	
Panama .....	HP5H	6122 sw.	0.15	M. Lombardo Vega
Panama .....	HP5J	9600 sw.	0.2	Servicio Publica de Radio,
	HP6J	1358 sw.	0.1	Manuel Doce

**PARAGUAY**

Asuncion .....	ZPA1	6010	2.5	Official Govt. Station
Asuncion .....	ZP1	970	0.1	Atilio C. Bajac
Asuncion .....	ZP4	730	0.1	Iseru and Scarello
	ZP8	11850 sw.*	0.1	
Asuncion .....	ZP6	1300	0.1	Emilio Jordan Livieres
Asuncion .....	ZP9	970	1.2	A. C. Bajac
Asuncion .....	ZP10	1330	0.1	Victor Noriega
Asuncion .....	ZP11	1200	0.1	Juventus Antoniana
Asuncion .....	ZP13	1430	0.1	Julio Picossi Villagra
Asuncion .....	ZP17	1030	0.1	Jose Hanemann
Asuncion .....	ZP3	700	.6	Teleco Paraguaya S. A.
	ZPA3	sw.		

Location	Call Letters	Frequency Kcs.	Power Kws.	Owner or Operating Agency
Asuncion	ZPA2	11721 sw.*	5.	Teleco Paraguaya S. A.
	ZPA6	7890 sw.*	5.	
	ZPA7	15780 sw.	5.	
	ZPO3	13333 sw.*	5.	
Encarnacion	ZP5	920	5.0	Philips Argentina, S. A.—operator; Jaimie Yankelevitch—owner
Encarnacion	ZP7	900	0.1	Julio Cormillot
Villarrica	ZP15	700		
Villarrica	ZP6	1300	0.1	Emilio Jordan Livieres

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## PERU

Arequipa	OAX6B	6035 sw.	0.15	Maximo J. Landa
Arequipa	OAX6C	1370	0.25	J. Antonio Umberto F.
	OAX6E	6055 sw.	0.3	
	OAX6D	9500 sw.	0.25	
Arequipa	OAX6A	6050 sw.	0.1	Jorge E. Olazabal Benavides
Callao	OAX4C	1160	0.3	Alvarada & Urteaga
Chiclayo	OAX1A	6150 sw.	0.2	J. Carlos Montoy D'
Cuzco	OAX7A	6128 sw.	0.1	Carlos Lizarraga Fisher-Montero
Huancayo	OAX4P	6200 sw.	0.25	Alfredo Elejalde Granados
Huanuco	OAX3A	6116 sw.	0.4	Victor Priano Storace-Castilla
Ica	OAX5B	1460	0.2	Luis de los Heros y de los Rios
	OAX5C	9590 sw.	0.2	
Lima	OAX4H	6095 sw.	1.	Armando Ortiz Lambert
	OAX4F	1080	0.25	
Lima	OAX4B	1200	0.25	Empresa Peruana—Bolivar & Carcovich
	OAX4G	6190 sw.	0.25	
Lima	OAX4Z	6082 sw.	15.	Gobierno del Peru
	OAX4A	854	10.	
	OAX4T	9562 sw.	10.	
	OAX4R	sw.		
Lima	OAX4E	960	0.2	Ing. Juan P. Goicochea
	OAX4K	9545 sw.	0.25	
Lima	OAX4I	1320	0.25	
	OAX4J	9520	0.2	
Lima	OAX4X		0.3	Dianderas Samanez
	OAX4Q		0.2	
Lima	OAX4L	1250	0.2	
Lima	OAX4U	1030	1.0	
	OAX4V	sw. 6010	0.5	
	OAX4W	sw. 9510	0.5	
Trujillo	OAX2A	6000.57 sw.	0.25	Rafael Larco Hoyle
	OAX2B	1400	0.25	

## SURINAM (DUTCH GUIANA)

Paramaribo	ZPH	5865	0.150	J. C. Herrenberg, Chairman, of private radio club "AVROS." Tech. equip. owned by Surinam Govt.
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• • • **LATIN-AMERICAN STATIONS** • • •

**URUGUAY**

<i>Location</i>	<i>Call Letters</i>	<i>Frequency Kcs.</i>	<i>Power Kws.</i>	<i>Owner or Operating Agency</i>
Canelones	CW47	1470	0.3	Julio J. Rabassa
Canelones	CW3	580	0.3	Diario Rural S. A.
Cerro Largo-Melo	CW53	1580	0.25	Ruben D. Lucas
Colonia	CW1	550	4.5	R. Berotti & R. Montellano
Colonia	CXA8	11840	3.0	Jaime Yankelevich
Colonia	CXA14	6055	1.0	Jaime Yankelevich
Durazno	CW25	1430	0.5	Artola, Evangelisti y Cia.
Florida	CW33	1200	0.075	Omar F. Barreiro
Lavalleja-Minas	CW43	1420	0.5	Juan R. Volante
Maldonado	CW51	1560	0.5	Hector Lamaison
Montevideo	CX4	610	5.0	Direccion Agronomia (Ministry of Agriculture)
Montevideo	CX6	650	20.0	Servicio Oficial D. R. F. (Ministry P. E.)
Montevideo	CX8	690	0.5	Ramon Puyal
Montevideo	CX10	730	1.0	Battle y Gestoso
Montevideo	CX12	770	20.0	Luis A. Artola
Montevideo	CX14	810	15.0	Difusoras del Uruguay
Montevideo	CX16	850	50.0	SADREP Ltda.
Montevideo	CX18	890	5.0	Difusoras El Espectador Ltda.
Montevideo	CX20	930	2.0	Carlos L. Romay
Montevideo	CX24	1010	2.5	SADREP Ltda.
Montevideo	CX28	1090	5.0	Walfrido Figueira Moran
Montevideo	CX30	1130	2.0	Silva y Larrea
Montevideo	CX32	1170	0.5	Comp. Uruguaya de Publicidad
Montevideo	CX36	1250	1.0	Vazquez y Walder
Montevideo	CX38	1290	5.0	Servicio Oficial D.R.E. (Ministry P. E.)
Montevideo	CX40	1330	0.5	Julio J. Rabassa
Montevideo	CX42	1370	1.0	Hector Vernazza
Montevideo	CX44	1410	0.25	Julio J. Rabassa
Montevideo	CX46	1450	1.5	Guzman Bertachi
Montevideo	CXA3	6075	2.5	Leon y Landeira
Montevideo	CXA4	6125	5.0	Radio Electrica
Montevideo	CXA6	9620	20.0	
Montevideo	CXA10	11900	20.0	(Ministry of P. E.—Uruguayan Govt.)
Montevideo	CXA18	15300	20.0	
Montevideo	CXA19	11705	4.0	Difusoras El Espectador Ltda.
Montevideo	CXA21	6170	1.0	Julio J. Rabassa
Montevideo	CXA30	6035	1.0	Silva y Larrea
Paysandu	CW35	1240	0.25	Alfonso M. Ordoqui
Paysandu	CW39	1320	0.1	Miguel Penna
Rivera	CW43B	1480	0.75	Walfrido Figueira Moran
Rivera	CW49	1340	0.06	Jorge Dowton Garcia
Rocha	CW19	1340	0.05	Abel Machado
Salto	CW23	820	0.25	Domingo Giordano
Salto	CW27	660	0.25	Luis Battle Berres
Salto	CW31	1120	0.25	Salvador E. Pera
San Jose	CW41	1360	0.05	Pedro Brucoleri
San Jose	CW47A	1510	0.1	Fasola Rios y Tibori
Soriano-Mercedes	CX52	1570	0.5	Anibal Frabaside, Juan Orlando Kelly, Jose Pedro Iragaray, y Florencio Donato Montero
Soriano-Mercedes	CW46B	1460	0.05	Roberto Tarucell
Tacuarembó	CW46A	1400	2.0	Luis S. Dini
Treina y Tres	CW45	1390	0.25	Marroche y Lacurcia

# VENEZUELA

<i>Location</i>	<i>Call Letters</i>	<i>Frequency Kcs.</i>	<i>Power Kws.</i>	<i>Owner or Operating Agency</i>
Acarigua	YV3RF	3490 sw.	.104	Pausides Sigala
Barcelona	YV6RC	3450 sw.	1.5	L. J. Arroaza
	YV6RE	1080	.25	
Barquisimeto	YV3RE	1475	.775	Avilcar Segura
	YV3RN	4990 sw.	.300	
Barquisimeto	YV3RS	3490	.65	Rafael A. Segura
Caracas	YV5RN	4920 sw.	5.0	Ricardo Espina, Dir.
	YV5RA	960	10.0	
Caracas	YV5RB	790	4.72	Dogowitzle Sidlitz
	YV5RM	6150	2.3	
Caracas	YV5RH	720	1.0	Pbro. J. M. Pallin (Catholic Church)
	YV5RX	3430 sw.	.75	
Caracas	YV5RG	1010	.96	Compania Anonima
	YV5RU	4860 sw.	5.0	
Caracas	YV5RI	590	1.138	Oscar Vincentelli, Director
	YV5RY	3380 sw.	1.96	
Caracas	YV5RL	1160	1.0	Ponce & Benzo Scs.
	YV5RW	3400 sw.	1.15	
Caracas	YV5RQ	882	1.182	Cia. Anonima
	YV5RS	3360 sw.	2.1	
Caracas	YV5RC	1100	.50	G. Veloz Manoera Under construction
	YV5RD	3300		
Caracas	YVKA	630	.88	National Govt.
	YVKO	4950 sw.	5.	
	YVKB	6172 sw.	2.2	National Govt.
	YVKC	9640 sw.	2.2	
	YVOR	11725 sw.	2.2	National Govt.
	YVPX	15315 sw.	2.2	
Ciudad Bolivar	YV6RA	1400	.68	E. Torres Valencia
	YV6RU	4790 sw.	.96	
Coro	YV1RT	3300 sw.	.175	J. Romero
Coro	YV1RY	4770 sw.	.30	Roger Leyba
	YV1RW	1370	.193	
Cumana	YV7RA	1200		L. J. Arreaza
	YV7RB	3470 sw.		
La Guaira	YV5RZ	1050	.75	Carlos L. Perez
	YV5RV	4760 sw.	1.05	
Maracaibo	YV1RA	1300	.09	Luis Garcia N.
	YV1RV	4750 sw.	.30	
Maracaibo	YV1RC	1400	.52	Pedro Bermudez
	YV1RT	3370 sw.	.455	
Maracaibo	YV1RD	1150	.2	L. G. Govea
	YV1RU	3440 sw.	1.0	
Maracaibo	YV1RF	1120	.55	N. Vale Quintero
	YV1RX	4800 sw.	2.0	
Maracaibo	YV1RL	4810 sw.	.300	J. A. Higuera
	YV1RK	1250	.437	
Maracay	YV4RK	3390 sw.	.465	Atilio Ormezzano
	YV4RL	1430	.193	
Maracay	YV4RX	3310 sw.	.1	Luis Croquer
	YV4RD	1150	.1	
Merida	YV2RC	3420 sw.	.60	A. M. Quintero
Pt. Cabello	YV4RR	1490	.520	Rafael A. Segura
	YV4RQ	3430 sw.	.885	
San Cristobal	YV2RN	4820 sw.	2.0	J. Diaz Gonzalez
	YV2RB	980	.325	
Trujillo	YV1RO	3310 sw.	2.0	Pedro J. Torres
Valera	YV1RZ	4840 sw.	.30	Jorge L. Forbes, owner; Pedro Flores I., Dir.
Valencia	YV4RO	4780 sw.	.30	H. & G. Degwitz
	YV4RA	1350	.83	
Valencia	YV4RP	3460 sw.	1.0	Miguel Ache
	YV4RE	1400	1.138	



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