

TECHNICIAN ENGINEER

NOVEMBER, 1958

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS — AFL-CIO

RADIO, TV and RECORDING
TECHNICIAN-ENGINEER

VOLUME 7 NUMBER 10

PRINTED ON UNION MADE PAPER

The INTERNATIONAL BROTHERHOOD of ELECTRICAL WORKERS

GORDON M. FREEMAN International President
 JOSEPH D. KEENAN International Secretary
 JEREMIAH P. SULLIVAN International Treasurer

ALBERT O. HARDY

Editor, Technician-Engineer

... in this issue

The New Social Security Law	3
New MBS Studios in Washington	4
Meany Blasts Defeat of Kennedy-Ives Bill	7
Cleveland Memo	8
Delegates in Attendance at Progress Meeting	9
Local Union Directory	10
IBEW Hams	13
Technical Notes	14
Station Breaks	16

... the cover

The Mutual Broadcasting System recently moved its Washington, D. C., studios to new quarters in the Sheraton Park Hotel. IBEW technicians completed the changeover to new facilities overnight in an outstanding display of dedication and proficiency. On our November cover we show you a view of the master control room. Byron Gross of Local 1215 is at the studio console.

The Washington studios are a programming operation, since Mutual owns no transmitting facilities there. A more detailed story of the new studios begins on Page 4.

commentary

Who says that there is no closed shop in Texas? The following reprinted article describes one:

Like many other states, Texas has two contrasting laws—one forbidding a union shop among workers, the other requiring a “closed shop” among lawyers. Under the latter law, known as the “integrated bar,” attorneys must keep up their dues standing in the State Bar Association, or be deprived of the right to practice.

The issue went up to the Court of Criminal Appeals in an unusual case, involving an appeal by one Eusebio Martinez, who was sentenced to death last year by a jury for the slaying of a 9-month-old baby. Martinez had contended he was insane at the time, but the jury found he was sane, and this decision was upheld by the Court of Criminal Appeals.

Then, in a petition for a rehearing, filed by Rex Emerson, present attorney for Martinez, the latter contended his previous counsel, Merritt Hines, was “not a competent lawyer,” because his dues in the State Bar had not been paid up at the time of the trial. On that basis, Emerson asked reversal of the conviction, and the court granted his petition.

—Labor Newspaper.

the index . . .

For the benefit of local unions needing such information in negotiations and planning, here are the latest figures for the cost-of-living index, compared with 1957 figures: September, 1958—123.7; September, 1957—121.1.

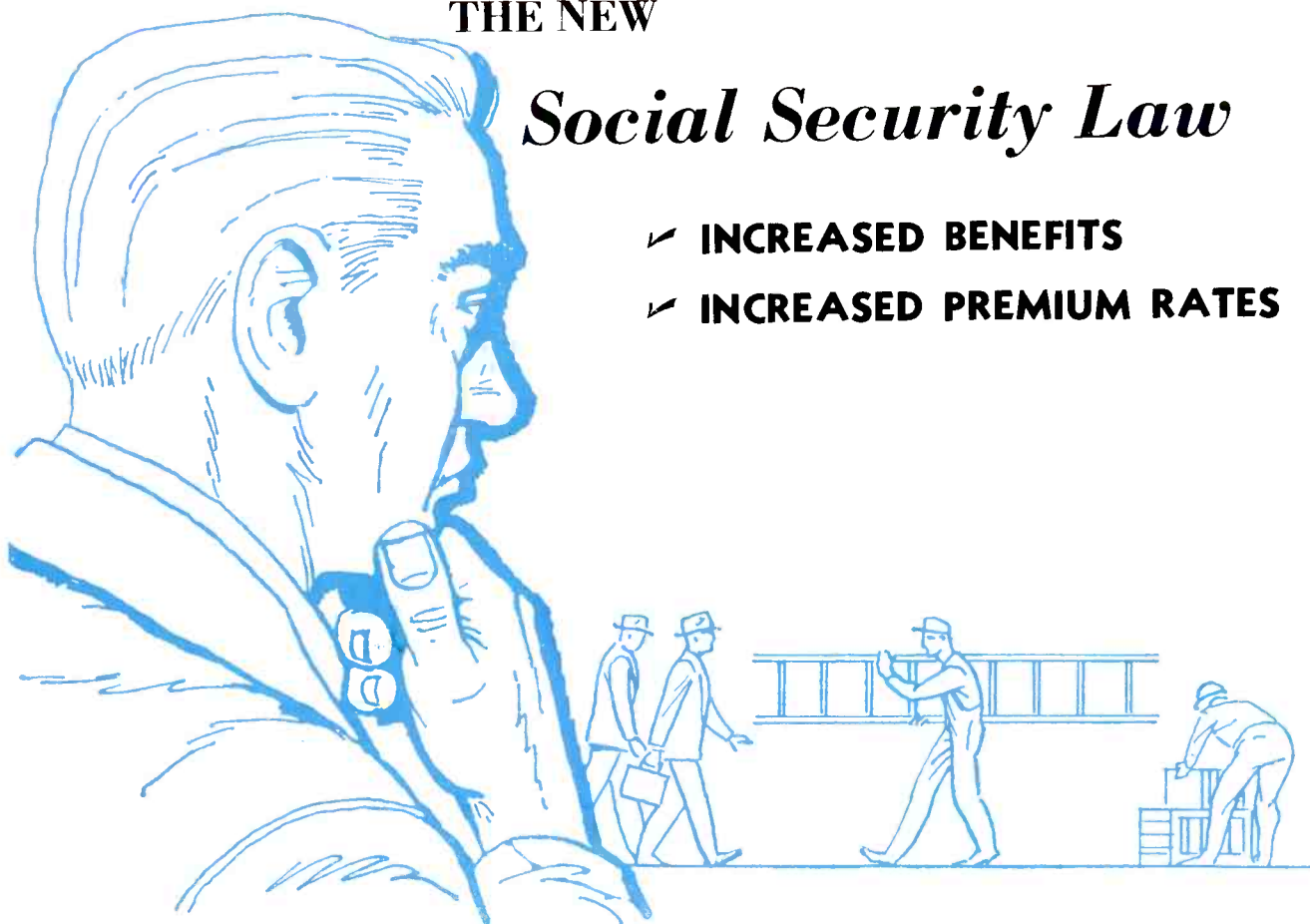
Published monthly by the International Brotherhood of Electrical Workers, AFL-CIO, 1200 Fifteenth St., N. W., Washington, D. C., for the men and women in the recording, radio and television industries. Entered February 20, 1952, as second-class matter at Washington, D. C., under Act of August 24, 1912. Subscription Price: U. S. and Canada, \$2 per year, in advance.

THE NEW

Social Security Law

✓ **INCREASED BENEFITS**

✓ **INCREASED PREMIUM RATES**



BEGINNING next year, you'll become eligible for higher Social Security benefits upon retirement. Congress passed a law last summer to raise benefits and to increase premium rates.

In January you'll start paying another half-of-a-per cent Social Security tax on your wages, for a total of $2\frac{1}{2}$ per cent. Your employer will be matching that amount—putting in his $2\frac{1}{2}$ per cent, for a total of 5 per cent—and you will, consequently, be entitled to larger benefit checks once you become eligible for them.

Under the new law, \$4,800 of your annual salary will be taxable.

There are three causes for the Social Security raise in January. For one thing, more people are living longer and needing retirement money. Besides that, there are more dependents in more families. These two factors are causing the Social Security funds to drop a bit—enough so that they have to be replenished by us working people.

The third cause is, of course, the steadily rising cost of living. Some of those benefit checks will hardly buy beans, and retired workers need more to live on.

The new Social Security law, passed by the 85th Congress, this past summer, calls for jumps in payments in 1960 and every three years thereafter until 1969 when the worker and employer will each be

paying a maximum of \$216 a year into the "kitty."

At the same time that you will be paying more, pension payments will be increasing 7 per cent. Beginning in January pension increases for the retired will range from \$3 to \$7.50 a month, making the smallest monthly payment of \$33 for a single person earning an average of only \$50 a month and the largest payment of \$190.50 to a person earning \$400 and up a month.

Several changes were made in the provisions concerning disability benefits.

- Dependents of workers drawing disability benefits are now eligible to draw benefits also. Such dependents are: Children under 18 years of age; children over 18, if disabled before the age of 18; a wife of any age, if she has minor children or disabled adult children in her care; a wife at age 62, if she has no children in her care; a dependent husband, at age 65; dependent parents, a mother at age 62, or father at age 65. Previously dependents of disabled workers could not draw Social Security benefits.

- Disabled persons must have worked 20 calendar quarters during the 10 years before the onset of disability to be eligible for Social Security payments. Under the old provisions, a worker also must have worked a year and a half during the last three years of the 10-year period. This additional requirement was dropped.

MBS

Local 1215
members
move equipment
to new facilities
and have it
in operation in
seven busy hours
after midnight.

NEW MBS STUDIOS IN WASHINGTON



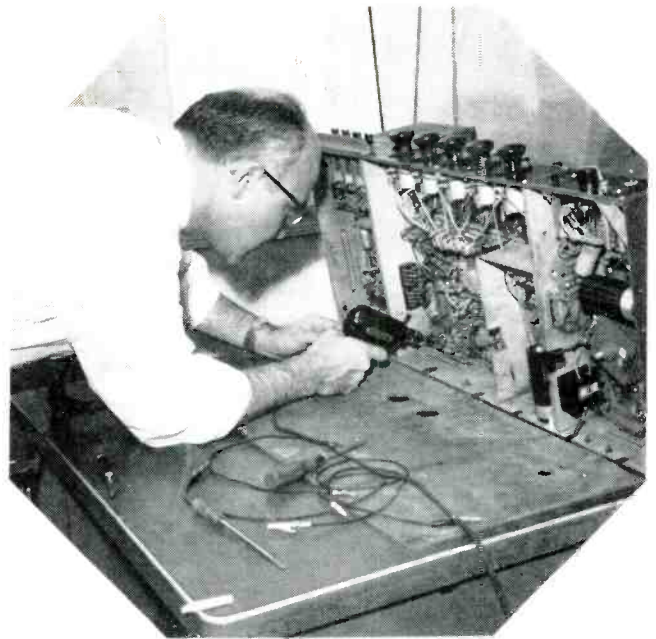
June Beale, receptionist for the new Mutual Studios, invites you into the foyer for a quick tour of the IBEW-manned facilities. Entrance is from the lobby of the fashionable Sheraton-Park Hotel.

THE Mutual Broadcasting System closed down its Washington, D. C., studios at midnight, a few weekends ago, and between sign-off time and 7 o'clock in the morning, the members of Local 1215 worked like so many beavers moving equipment from 1627 K Street, N. W., to the Sheraton Park Hotel, sixteen blocks away.

By the time the morning men along the East Coast were playing the Star Spangled Banner and giving a quick look at the weather, the tubes were all warmed up on the studio console, and MBS was ready to feed the world's largest radio network from its facilities just off the Sheraton Park lobby.

The engineering crew was able to install studio and master control facilities that first day. In the days which followed, the finishing touches were added, as additional studio and recording facilities were completed.

By the first week of November, MBS Washington was ready for inspection by delegates to the annual Mutual Affiliates meeting. Today a major portion of all Mutual network programs



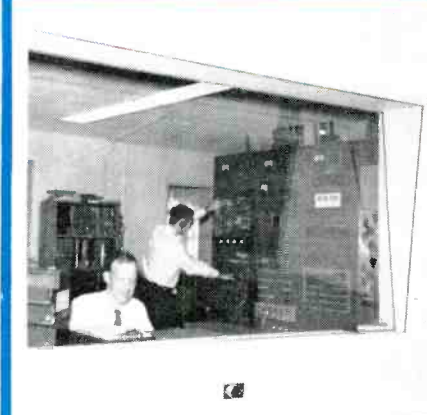
C. F. Ray, technical director, completes the wiring of a W. E. 23-C console in an auxiliary MBS control room.



ABOVE LEFT: A carpenter completes the framing in of a studio window, leveling his upright jamb against the block partition.



ABOVE CENTER: The construction work moves to completion. The studios occupy a former open exhibition area in the hotel.



ABOVE RIGHT: In Master Control, Louis Reggio watches the program level, foreground; Richard Wilson, Jr., is at rear.

originate in Washington and are fed from or through the facilities shown on these pages.

Mutual in the nation's capital is strictly a programming operation, since the network does not own transmitting facilities in Washington. Radio Station WOL which is also staffed with members

of Local 1215, serves as Mutual's Washington affiliate.

The general planning for the new facilities and supervision of construction was under the direction of Charles F. Ray, technical director, a long-time member of the IBEW. There are seven additional Local 1215 members at the studios.

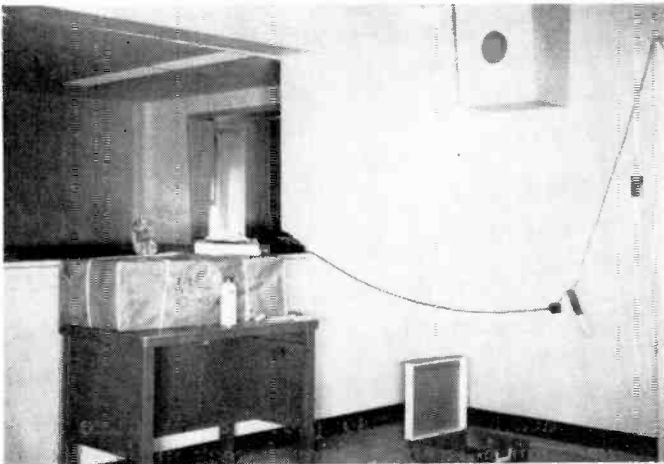
The local union has just concluded a new agreement with MBS for its Washington technicians. The pact provides for a top wage scale of \$180 a week at present, moving up to \$185 on November 1, 1959. One of the outstanding agreements in broadcasting, it also provides for three weeks vacation plus an additional week in lieu of holidays after the first year. Vacation time extends to four weeks, plus an additional week in lieu of holidays, after ten years.



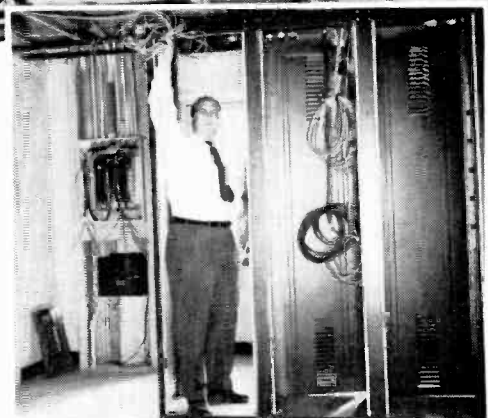
ABOVE: Cedric Foster, noted Mutual newscaster and commentator, studies the teletyped reports in the news room of MBS Washington.

MBS

RIGHT: Three MBS staffers consider what's supposed to go here and what there.



ABOVE: The master control console arrived at its new location completely packaged and protected from damage, as seen at left.



ABOVE: Mutual Technician Dan Brechner untangles audio cables during the early stages of the installation work.

Meany Blasts Defeat of Kennedy-Ives Bill

THE election landslide of November 4, which swept many labor-supported candidates into national and state offices, puts the possibility of labor reform legislation nearer to reality.

Unions which have fought so hard and so long against anti-union provisions of the Taft-Hartley Law will present to Congress, when it convenes in January, a full list of proposals for revising the law or repealing it altogether and substituting a labor-endorsed bill like Kennedy-Ives.

Advocates of "right to work" legislation in five states beat a hasty retreat from the polls November 4, but we must not forget that the bid for state anti-labor laws succeeded in one state—Kansas. Now, instead of a stalemate at 18 states, we now have 19 states in which "right to work" laws permit open shop hiring and firing and endanger job security.

AFL-CIO President George Meany delivered a fighting speech at our International Brotherhood Convention in Cleveland, last month. He ripped into sponsors of wreck-law legislation and blasted the defeat of the Kennedy-Ives Bill which was before Congress earlier this year.

He hit at efforts to make corruption in some labor unions an issue in the anti-union-shop fight. He reminded that the AFL-CIO had sincerely backed the Kennedy-Ives Bill, which would have prevented many cases of labor union corruption, while the National Association of Manufacturers and others fought against it and assured the bill's defeat.

"We are against corruption in labor for two very simple reasons," Meany said. "First, because it is wrong, and, second, because it is bad for the labor movement."

He asked whether business had adopted an ethical practices code comparable to that of the AFL-CIO. He questioned whether "business has done anything to curb those from the business world who have their part in this issue of corruption."

He contended that there were "very few cases" where there was a corrupt union official "that there wasn't a corrupt employer on the other side of the table."

Meany voiced strong doubt as to whether the business community could stand the type of investigation that had been made of the trade union movement by the McClellan Senate Labor-Management Rackets Committee.

Though anti-union forces lost out in five states, we must not forget that one more state joined the wreck law column.



He pointed out that the former AFL and CIO, as separate organizations, had for more than four years advocated disclosure legislation for protection of welfare and pension funds of workers.

He charged that the legislation was opposed by business interests because some of the funds were under trusteeship of employers alone.

"This is the type of hypocrisy we can expect from these people who (say they) have the welfare of workers at heart."

Meany hit at the "right to work" name applied to state anti-union efforts as a "fancy slogan" and a fraud. Adoption of any such proposal, he said, would weaken and undermine unions and would not give anyone a job or a right to work.

"That is a God-given right," he added. "It was not given to us by any law. If under a democratic form of government you deny the right of one group in order to implement the supposed right of another group, then we no longer have democracy."

The recent defeat of "right to work" efforts in five states will not deter reactionary groups from their efforts to get state anti-labor laws passed. Labor must continue its vigilance.



ABOVE: Tom Murray of the Grievances and Appeals Committee reports.



ABOVE: The Chairman of the Law Committee, W. L. Vinson.



ABOVE: Louis Sherman, IBEW general council, addresses the Cleveland Convention.

Cleveland Memo

THE Report of the International President, Gordon Freeman, to the Cleveland Convention contained information with regard to broadcasting and recording activities. Among the highlights were the following comments:

- While radio and TV engineers and technicians, by the very nature of their employment and their limited number, are not organized into our Brotherhood in large groups as workers in other segments of our industry, like manufacturing and telephone are, we have, nevertheless had a steady membership rise in this field.

- Insofar as wage gains are concerned, recent cursory surveys made in this field and others indicate that the radio, TV and recording members of our Brotherhood have made outstanding gains. Percentagewise they were among the leading groups for the four-year period just passed.

- The Brotherhood can take particular pride in the participation of its inside, outside and utility local unions in the interests of workers in the radio-TV field. Since our last convention, the concern of many of these local unions in organizing people engaged in broadcasting has taken a marked upswing.



The entire proceedings of the Progress Meeting were recorded on tape. Here, Albert O. Hardy checks the recorder.



A view of the opening session of the Cleveland Progress Meeting.

Delegates in Attendance at the Seventh Annual Progress Meeting

<i>Delegate</i>	<i>Local Union</i>	<i>Delegate</i>	<i>Local Union</i>	<i>Delegate</i>	<i>Local Union</i>
Marshall Brown	45	Nathaniel DeGutz	1212	William Driver	1295
Andrew Draghi	45	Howard Lester	1212	Calvin J. Miller	1295
H. Pearce	45	E. B. Servoss	1212	Charles Widney	1300
E. W. Gayle	49	Frank Green	1215	Carl Westhaver	1318
Fred Hering	49	Ralph A. Barnett	1217	Lawrence J. Rimshaw	1400
Stanley L. Hawkins	103	Richard McNutt	1218	Walter L. Taylor	1823
Edward J. Bird	202	Kurt Schmeisser	1218	Dennis Thuis	1823
Vernon Cronin	202	Harry Giancotti	1219	Harold J. Becker, Int'l Staff ..	(1217)
Fred B. Hallum	202	Joseph Maxin	1219	Taylor L. Blair, Int'l Staff ..	(662)
John Stevens	202	Marvin Balousek	1220	Forrest C. Conley, Int'l Staff ..	(602)
Joe S. Harmon	253	Robert Beutlich	1220	Kenneth D. Cox, Int'l Staff ..	(1215)
W. W. Malcolm	271	Milton Fenner	1220	Albert O. Hardy, Int'l Staff ..	(1215)
Robert Gomsrud	292	Melvin Marcus	1220	Freeman L. Hurd, Int'l Staff ..	(1220)
Joseph Krech	292	Murray G. Smith	1221	O. E. Johnson, Int'l Staff ..	(253)
B. J. Renk	292	J. Frank Atwood	1224	Russell D. Lighty, Int'l Staff ..	(1343)
Maurice Parson	347	Robert Knapp	1224	George A. Mulkey, Int'l Staff ..	(77)
Samuel Burch	349	Robert Auttersen	1225	Walter E. Reif, Int'l Staff ..	(1294)
Kenneth Cooper	453	George Cairns	1228	W. A. Smith, Int'l Staff	(1219)
Dana E. Wolfe	479	William Flynn	1228		
John S. Andrews	662	Ray Miehle	1241		
James A. Wilkerson	715	Walter L. Reed	1259		
Theodore Hubert	995	Thomas F. Holland	1266		
L. A. Thompson	995	Charles Weiss	1266		
Robert L. Grevenberg	1139	Bernard Neher	1286		
George W. Magdich	1193	Robert Pratt	1292		
Charles A. Calame	1212	Bill Ticen	1292		

NOTE: This is the list of delegates who registered, and it is not necessarily complete. Other convention activities, running simultaneously, may have caused your local union's delegate to reach the meeting too late for the opening registration.



LOCAL UNIONS Having Broadcast Technician Members

As of November 1, 1958

<i>Local and City</i>	<i>Officer (Business Manager Unless Noted), Address and Telephone</i>
12 Pueblo, Colo.	Bernard C. Strand, 1903 Lakeview Ave., Pueblo, Colo. Phone: LI. 2-1417.
31 Duluth, Minn.	Clyde J. Giles, 203 Labor Temple, Duluth 2, Minn. Phone: Randolph 2-2671.
45 Hollywood, Calif.	Andrew J. Draghi, 7265 Santa Monica Blvd., Hollywood 46, Calif. Phone: Holly-wood 3-2317.
49 Portland, Oreg.	E. W. Gayle, 1417 S. W. Third Ave., Portland 1, Oreg. Phone: Capitol 8-7683.
65 Butte, Mont.	John Banovich, 2223 Hazel St., Butte, Mont. Phone: 2-7818.
77 Seattle, Wash.	Arthur B. Kenny, 1718 Melrose Ave., Seattle 22, Wash. Phone: East 3-4505.
108 Tampa, Fla.	A. W. Schmidt, P. O. Box 3287, Tampa 1, Fla. Phone: 2-0268.
124 Kansas City, Mo.	Andrew F. Harvey, 104 W. 40th St., Kansas City 2, Mo. Phone: Jefferson 7711.
135 La Crosse, Wis.	O. R. Neisius, 423 King St., La Crosse, Wis. Phone: 2-9337.
202 San Francisco, Calif.	Edward J. Bird, 2450 17th St., Rm. 302, San Francisco 10, Calif. Phone: Market 1-7786.
202 San Francisco, Calif.	Gilbert de la Laing, A.B.M., 258 West Shaw Ave., Fresno, Calif. Phone: 7-3286.
253 Birmingham, Ala.	Joseph S. Harmon, 1829 Woodland Ave., S. W., Birmingham, Ala. Phone: 5-2140.
271 Wichita, Kans.	W. W. Malcolm, 1040 South Broadway, Wichita, Kans. Phone: Amherst 7-8255.
292 Minneapolis, Minn.	Joseph F. Krech, 243 Foshay Tower, Minneapolis 2, Minn. Phone: Federal 9-0091.
338 Denison, Tex.	J. Cantrell, Labor Temple, 511 1/2 West Main St., Denison, Tex. Phone: HO. 5-5323.
347 Des Moines, Iowa	Harold A. Baker, 1129 Sixth Ave., Des Moines 14, Iowa. Phone: Cherry 3-1924.
349 Miami, Fla.	Wm. C. Johnson, 1657 N. W. 17th Ave., Miami 35, Fla. Phone: Newton 5-4546.
417 Coffeyville, Kans.	E. W. Maggard, 1311 South Maple, Coffeyville, Kans. Phone: 4571-J.
437 Fall River, Mass.	George H. Cottell, 5 Anawan St., Fall River, Mass. Phone: OS. 4-2432.
453 Springfield, Mo.	Jack F. Moore, 408 1/2 W. Walnut St., Springfield 1, Mo. Phone: UN. 4-7252.
479 Beaumont, Tex.	Dana E. Wolfe, 1965 Park St., Beaumont, Tex. Phone: 4-8252.
504 Meadville, Pa.	William Ferry, 887 1/2 Water St., Meadville, Pa. Phone: 4-0475.
530 Sarnia, Ont., Can.	David T. Butt, 703 Grove Ave., Sarnia, Ont., Can.
662 Chattanooga, Tenn.	John S. Andrews, Box 811, Dalton, Ga. Phone: Dalton 873.
676 Pensacola, Fla.	J. B. Boleware, Labor Temple, 114 East Gregory St., Pensacola, Fla. Phone: Hemlock 2-6978.
715 Milwaukee, Wis.	James A. Wilkerson, Pres., 5006 West Burleigh St., Milwaukee 10, Wis. Phone: Hilltop 5-1664.
768 Kalispell, Mont.	Arthur Baril, Rm. 9-10, Ford Bldg., Kalispell, Mont. Phone: Sky 6-5232.
816 Paducah, Ky.	Owen L. Kerth, 1025 Kentucky Ave., Paducah, Ky. Phone: 5-7263.
969 Grand Junction, Colo.	Norman R. Dean, Rm. 210, Electric Bldg., Grand Junction, Colo. Phone: Chapel 2-3432.
995 Baton Rouge, La.	L. A. Thompson, 405 St. Ferdinand St., Baton Rouge 10, La. Phone: Dickens 3-6350.
1077 Bogalusa, La.	Otis Carter, 715 Superior Ave., Bogalusa, La. Phone: RE. 5-5064.
1139 New Orleans, La.	Robert L. Grevemberg, P. O. Box 4034, New Orleans, La. Phone: VE. 5-0801.
1141 Oklahoma City, Okla.	Raymond G. Duke, 1141 N. W. 1st St., Oklahoma City 4, Okla. Phone: Regent 6-5449.
1173 Harrisburg, Pa.	Chester F. Lentz, R. F. D. 1, Linglestown, Pa. Phone: KI. 5-5918.
1193 Atlanta, Ga.	George Magdich, 3014 Hollywood Drive, Decatur, Ga. Phone: Melrose 4-5977.
1212 New York, N. Y.	Charles A. Calame, 11 W. 42nd St., Suite 786, New York 36, N. Y. Phone: PE. 6-8216.
1213 Champaign, Ill.	Donald R. Williams, Pres., 702 S. McCullough, Urbana, Ill. Phone: 7-7913.
1214 Bismarck, N. Dak.	Leo H. Litt, P. O. Box 752, Bismarck, N. Dak. Phone: Capitol 3-1193.
1215 Washington, D. C.	Frank X. Green, 10513 Bucknell Dr., Silver Spring, Md. Phone: Lockwood 5-1126.
1217 St. Louis, Mo.	Ralph Barnett, 107 Slavin Bldg., 8000 Bonhomme Ave., Clayton 5, Mo. Phone: Volunteer 3-2060.
1218 Detroit, Mich.	Richard L. McNutt, 29601 Ravenscroft Rd., Farmington, Mich. Phone: Mayfair 6-5807.
1219 Youngstown, Ohio	Joseph Maxin, 357 Afton Ave., Youngstown 12, Ohio. Phone: St. 8-7964.
1220 Chicago, Ill.	Marvin W. Balousek, Pres., 400 N. Michigan Ave., Rm. 514, Chicago 11, Ill. Phone: Superior 7-5244.
1221 Omaha, Nebr.	Murray G. Smith, Pres., Memphis, Nebr. Phone: 4-8617.
1223 Portland, Me.	David deBree, Pres., R. F. D. 2, Cumberland Center, Me.
1224 Cincinnati, Ohio	J. Frank Atwood, Jr., 3297 Diehl Rd., Cincinnati 11, Ohio. Phone: Humboldt 1-6197.
1225 Indianapolis, Ind.	Robert Auttersen, 3518 E. Michigan St., Rm. 209, Indianapolis 1, Ind. Phone: Fleetwood 9-3584.
1228 Boston, Mass.	George T. Cairns, 236 Huntington Ave., Rm. 402, Boston 15, Mass. Phone: Cop-ley 7-5221.

*Local
and City*

*Officer (Business Manager Unless Noted),
Address and Telephone*

1229	Winston Salem, N. C.	Bruce Fleming, P. O. Box 5194, Ardmore Station, Winston Salem, N. C. Phone: Park 4-0403.
1234	Fort Worth, Tex.	Homer J. Venso, Pres., 3520 Avenue D, Fort Worth, Tex. Phone: JE. 5-0530.
1240	Fargo, N. Dak.	Gordon Nelson, Pres., 1409 N. 12th St., Fargo, N. Dak. Phone: 2-7065.
1241	Philadelphia, Pa.	Raymond Freedman, P. O. Box 97, Bala-Cynwyd, Pa., Phone: Greenwood 7-6931.
1257	Dallas, Tex.	Hudson Hammond, 1837 Piedmont, Irving, Tex. Phone: 3-6780.
1259	Kansas City, Mo.	Walter L. Reed, 1017 Washington St., Kansas City 5, Mo. Phone: Baltimore 1-5054.
1260	Honolulu, T. H.	Francis J. Kennedy, 2305 So. Beretania, Honolulu 14, T. H. Phone: 9-3445.
1264	Mobile, Ala.	J. C. Burns, 2104 Highland Court, Mobile, Ala. Phone: Hemlock 3-4256.
1266	Dayton, Ohio	Charles F. Weiss, Pres., 6716 Timberline Dr., Dayton 3, Ohio. Phone: Ch. 4-3221.
1275	Memphis, Tenn.	William L. Nelson, 4210 Victor Dr., Memphis, Tenn. Phone: MU. 3-6786.
1281	Providence, R. I.	James Drake, 56 Dean St., Centerdale 11, R. I.
1282	Springfield, Mass.	Frank Guoin, Pres., Harkness Rd., Pelham R.F.D., Amherst, Mass. Phone: AL. 3-2459.
1286	Louisville, Ky.	Bernard Neher, Pres., 600 Seneca Ave., Louisville 9, Ky. Phone: Emerson 3-5648.
1287	Tulsa, Okla.	Ray H. Bryant, Route 14, Box 369, Tulsa, Okla. Phone: FI. 5-4487.
1292	Peoria, Ill.	Robert Pratt, 1002 South 8th St., Pekin, Ill. Phone: 6-5722.
1294	Hartford & Bridgeport, Conn.	William Canora, Pres., 21 Elm Drive, West Hartford, Conn. Phone: AD 3-1605.
1295	Grand Rapids, Mich.	Calvin J. Miller, Pres., 2080 Woodcliff Ave., S. E., Grand Rapids, Mich. Phone: Glendale 2-4436.
1299	Montgomery, Ala.	A. F. Wright, Pres., P. O. Box 1782, Montgomery, Ala. Phone: 4-6762.
1300	Columbus, Ohio	F. J. Distelzweig, Pres., 1687 S. High St, Columbus 7, Ohio Phone: HI. 4-1300.
1304	Little Rock, Ark.	Cecil Morrow, 1809 S. Harrison St., Little Rock, Ark. Phone: Mohawk 6-8555.
1318	Halifax, N. S., Can.	Herman G. Fullerton, Pres., 118 Willow St., Halifax, Nova Scotia. Phone: 4-3837.
1343	Trenton, N. J.	Donald Dewsnap, Pres., 2309 Brunswick Pike. Trenton 8, N. J. Phone: OW. 5-8515.
1348	San Antonio, Tex.	James M. Matson, Pres., 118 E. Huisache, San Antonio, Tex. Phone: PE. 5-7808.
1349	Rock Island, Ill.	John Bruggeman, 1520 44th St., Rock Island, Ill. Phone: 6-4351.
1374	Cedar Rapids, Iowa	M. A. Powlishta, Pres., 217 10th St., N. W., Cedar Rapids, Iowa. Phone: EM. 3-1307.
1400	Baltimore, Md.	Charles D. Cooper, 3318 Chesley Ave., Baltimore 14, Md. Phone: Hamilton 6-2676.
1405	Flin Flon, Man., Can.	C. Harris, Pres., 2 Boundary Ave., Flin Flon, Man., Can. Phone: 4149.
1415	Albany, N. Y.	Joseph Sigwarth, 17 Mary Hodge Dr., Schenectady 9, N. Y. Phone: Union 9-7540.
1481	Pittsburgh, Pa.	Rocco Catalfamo, 115 Holly Hill Drive, Pittsburgh 9, Pa. Phone: Forest 4-1157.
1564	Gadsden, Ala.	James E. Weatherbee, P. O. Box 2, Gadsden, Ala. Phone: 6-6408.
1823	Denver, Colo.	Dennis L. Thuis, 901 E. 17th Ave., Denver 18, Colo. Phone: TA. 5-1311.
2000	Yuma, Ariz.	Curtis Bridgeman, 1743 Madison Ave., Yuma, Ariz. Phone: Sunset 2-2925.

INTERNATIONAL REPRESENTATIVES

District 2	Walter Reif, 82 Kohary Dr., Devon, Conn. Phone: Trinity 4-2124.
District 3	Russell D. Lighty, R.F.D. 1, Lafayette, N. J. Phone: Newton, N. J., 1521.
District 4	W. A. Smith, c/o Local Union 38, 3043 Superior Ave, N. E., Cleveland 14, Ohio. Phone: Superior 1-6469.
District 5	O. E. Johnson, 757 Vines Ave., Fairfield, Ala. Phone: State 6-0618.
District 6	Freeman L. Hurd, 135 No. Harvey Ave., Oak Park, Ill. Phone: Euclid 6-0389.
District 7	Forrest C. Conley, Route 4, Box 708B, Albuquerque, N. Mex. Phone: Diamond 4-7259.
District 8	R. H. Wooden, 2965 So. Clayton St., Denver 10, Colo. Phone: Skyline 6-1639.
District 11	Harold J. Becker, 6915 Lake Dr., East St. Louis, Ill. Phone: Drexel 3-2343.
District 12	Taylor L. Blair, Jr., 4993 Haleville Rd., Whitehaven, Tenn. Phone: Memphis Express: 7-7546.

ATTEND YOUR LOCAL UNION MEETINGS REGULARLY

A union needs each member's support in order that the union may speak with a voice of authority in negotiations and in settling grievances. A union needs the ideas and experience of each member to work successfully toward its goals. Each member has a vote in the affairs of his union, and he has an obligation to exercise that vote.

New York Board of Regents Utilize WPIX Facilities

The New York State Education Department is offering over twenty hours of weekly classroom instruction by television on WPIX, Channel 11, in New York City. Telecasting began on September 22.

The television school day will run from 10 a.m. to 12 noon and from 1 p.m. to 3:30 p.m. State Education Commissioner James E. Allen, Jr. announced that twelve subjects for elementary and secondary grade are included in the schedule and the teachers will prepare day-by-day lesson guides for the classroom teacher.

The course content, in every case, Allen said, is taken from the State Education Department syllabuses.

The elementary subjects taught are Spanish, three science courses, music and citizenship. Secondary school subjects are mathematics, science, English, citizenship, physics, and arts and crafts. There is also a pre-school education course for mothers and their children of pre-kindergarten age.

The use of the television instruction is not mandatory, but reports from school superintendents indicate that substantial use of the programs is being made.

James MacAndrew has been appointed by the New York State Board of Regents as the new executive director of the project. MacAndrew has been granted a leave of absence from his position as director of broadcasting for the New York City Board of Education, but will continue his duties as moderator of "Camera Three" over the CBS network.

The New York State Education Department has use of the station from 10 a.m. to 5 p.m. Special programming is being offered from 12 to 1 and from 3:30 to 5, those hours not taken up with in-school programming. META is telecasting "French Through Television" in the 12 to 12:30 time slot.

Building Trades Rally To Aid of Bombed School

The recent bombing of the Clinton, Tenn., High School by racial extremists brought to the attention of millions of Americans the precarious state of public education in many states.

The dynamite placed carefully by persons well trained in its use made the school almost completely inoperable. As a consequence, the school children were forced to go many miles each day to Oak Ridge and surrounding areas for their education.

Awakened to the plight at Clinton by newspaper headlines, many groups and individuals came to the immediate aid of the town. In the vanguard of those

to come to the rescue were the building trades unions of the AFL-CIO, who offered to rebuild the school with funds donated by many organizations.

Richard Gray, Building Trades Department president told Newspaper Columnist Drew Pearson, "We can't let one little community bear the brunt of terrorism. People may have mixed opinions about integration, but none of them have mixed feelings about using bombs to retard school children. We want to help."

Peter Schoemann, president of the Plumbers, said, "I used to be a member of the school board in Milwaukee. I know something about these problems. These kids in Tennessee ought not to suffer because of a mad bomber. Plumbing fixtures for schools aren't as expensive as for office buildings or private homes, and if one of the big plumbing fixture companies will put up the fixtures, I know my men will want to do their share."

Organized labor, in general, has reacted strongly to the acts of violence against public schools. Money is beginning to reach Clinton from all over the nation to help rebuild the school.

AFL-CIO Council Thanks Voters Who Killed R-to-W

The AFL-CIO Executive Council recently voiced its "sincere thanks" to the voters in five states who helped defeat "right-to-work" proposals.

The measures were defeated in California, Ohio, Colorado, Washington and Idaho. Kansas adopted a constitutional amendment barring union shop provisions in collective bargaining agreements.

The voters in the five states, said the council, "believe as we do that destruction of the labor movement would do irreparable damage to one of the bulwarks of democracy."

Technicians Vote IBEW In Many Recent Elections

The IBEW Radio-TV Division came away the winner in a number of recent elections. The technicians employed by RKO Teleradio at two of their stations (WHBQ, Memphis, and WGMS, Washington) have voted in separate elections for IBEW representation. Local Union 1481 has been chosen by the technicians at Television Station WTAE. Local Union 1221 of Omaha, Nebraska, has been designated by the technicians at Station WOW for representation and finally, a contested election at KTVK, Phoenix, has been decided by the National Labor Relations Board in behalf of Local Union 640.

Technician-Engineer

IBEW Hams

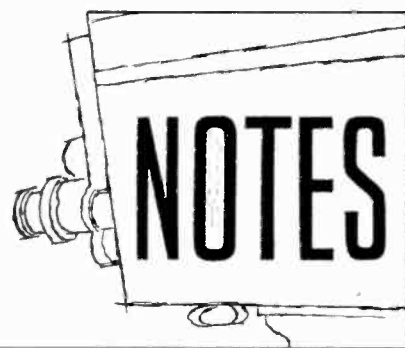
Revised as of November, 1958

An up-to-date list of IBEW members who operate short wave radio stations.

If your call letters should be on this list, write the editor today.

Call Letters	Frequency or Bands Worked	Employed	Call Letters	Frequency or Bands Worked	Employed	Call Letters	Frequency or Bands Worked	Employed
W1BIL	All bands, CW	WJAR-TV	W3NOC	20	WBAL-TV	W8EZA	20 AM	WSPD
W1CK	6 only since 1931	WNAC	W3PYD	20, 40 AM	WTOP	W8JIN	20 AM & CW	WKRC-TV
W1DIU	40 CW	WBZ	W3TM	Low power 20 CW	WTOP	W8MMZ	20, 80 CW & SSB	WXYZ-TV
W1HIE	75, 40, 15	WHEB	W3VNF	All bands	IBEW, I.O.	W8NEC	40	WXYZ-TV
W1KDI	All bands, CW	WNAC				W8SDD	10, 15, 20 AM, CW & SSB	WSAI
W1KZW	All bands, 80, 10 CW	WNAC				W8TYM	10, 15, 20 AM	WSAI
W1MRQ	---	WHDH-TV	K4OPY	10	WAVE-TV	W8VDD	2, 10, 75 AM	WTOL
W1NGA	---	WJAR-TV	W4ALA	All bands	WBCO	W8VRS	---	---
W1PFW	10 Mobile	---	W4BIW	20, 75 SSB	W1W-A (TV)	W8YLN	40, 10 AM	WLWD
W1YIX	440 MC TV	WJAR-TV	W4KTT	All Bands CW	WTOP	W8ZLU	15, 20, 40 AM, CW	WSAI
		---	W4KEK	40, 20 CW	WTOP			
		---	W4MTY	10, 15, 20 SSB	W1W-A (TV)			
		---	W4OMW	All bands	---			
K2TYW	20 SSB	WCAU-TV				K9BDL	6 AM & CW	WCN-TV
W2ATM	2, 20 AM	CBS-TV	W51V	20, AM CW & SSB	WYES-TV	K9CFW	40 CW, 10 & 75 Mobile	WECB
W2AUF	10, 15, 20 SSB	WCBST-TV	W5NOIP	20 AM & CW	WDSU-TV	K9COP	50.5 MC	WOKY
W2DTS	10, 15, 75	---				K9CHZ	80 CW, 75 AM	WICS-TV
W2EEJ	80, 40, 20	---				K9JHL	40 CW	WFOA
W2ES	20 CW	---				K9JHY	10, 15, 75 AM	City of La Crosse
W2GT	All bands, CW	WCMG				W9AZP	15, 20, 40 Mobile	WCFI
W2HAQ	10, 15, 20, 40, 80, CW	WCBST-TV				W9CHW	2 FM & RTTY	CBS-TV
W2HL	2 SSB	WCMG				W9HPJ	---	Ill.-State Radio
W2JIC	10 AM	CBS-TV				W9IOY	15, 20, 40, CW & Mobile	WML
W2JTO	10 AM	Colum. Records				W9ISX	10, 15 AM	WCFI
W2MMV	20 SSB	---				W9MRE	All bands AM	WFBM
W2OQO	20, 40, 80, CW	CBS-TV				W9NGS	40, 80 CW	WIRE
W2WB	Mobile	CBS				W9NN	All bands	WGN
						W9RPP	10	Globe Recording
K3ADH	10, 15, AM	WCAU				W9SNK	10, 75 Mobile	WISN
K3CSH	All Bands CW	WTOP (Club Station)				W9TUN	75 AM	WMAY
K3DBP	All Bands CW, SSB	WTOP						
W3BNL	All Bands AM	WTOP				K0DUF	10, 40	WDAF
W3DEH	20, 40 AM & CW	WTOP				K0GLA	All bands	SW Elec. Co.
W3FSD	2, 20, 420 AM & CW	WCAU-TV				K0OKE	10, 15 AM	WCCO-TV
W3FLX	2, 6, 10	WCAU				K0OWB	All bands, AM	WDSM-TV
W3GSC	10, 40 AM	WCAU				W0BFL	20 SSB	KRNT
W3GSH	10 Mobile	WCAU				W0EET	40 AM	WIL
W3GVM	10 AM	WCAU				W0EFC	75 AM	KSTL
W3HCO	10, 75	WCAU				W0FMK	20 RTTY	B.M. L.U. 1217
W3HKZ	20, 40 CW	WCAU				W0FVJ	10, 75 AM	WTCN-TV
W3HCF	All bands	WCAU				W0GFI	20 SSB, 2 AM	KSD-TV
W3HY	All Bands AM & SSB	WCAU				W0INA	All bands, AM, CW, SSB	WTCN-TV
W3ILT	All Bands AM & CW	WCAU				W0LWF	20	WIL
W3KOA	10, 75	WCAU				W0LKS	10, 15, 20 Mobile	KMBC-TV
W3NTD		WCAU				W0LQS	20, 40 CW	KGCF
						W0OGA	All bands	KFEQ-TV
						W0TOD	All bands	WDAF
						W0UKG	All bands	KFEQ-TV

Technical



Portable Color TV

RCA scientists have experimentally developed a fully transistorized portable color television system "using so little power that it can be operated from automobile-type storage batteries," according to Dr. V. K. Zworykin, honorary vice president of RCA. The laboratory system, contained in two compact units which weigh a total of 65 pounds, and use 75 w less power than the sealed-beam headlights of an automobile, can be run either with batteries or a fixed power supply, Dr. Zworykin said.

The system is designed for closed-circuit applications in industry, defense, education and research, he said, adding, "It promises ultimately to extend the application of color television into new fields where compactness, portability and operating economy are essential." The laboratory equipment, however, contains a number of components which are not yet commercially available, Dr. Zworykin said.

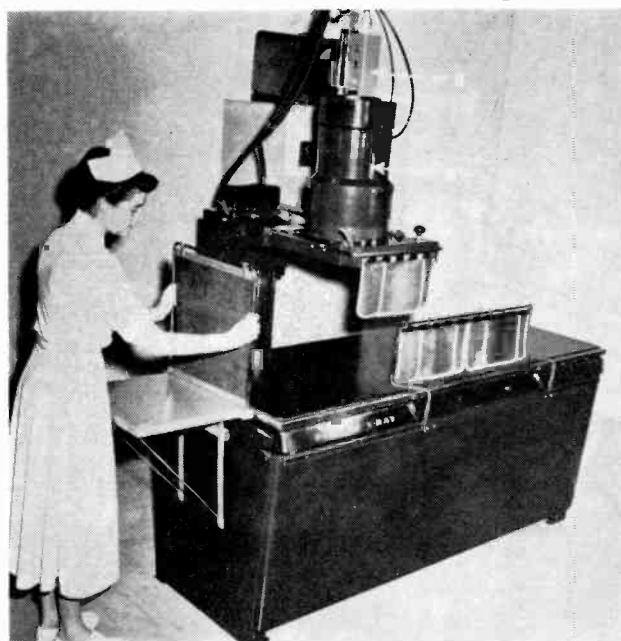
One Gun Color Progress

Allen B. DuMont Labs is still working to develop the Lawrence one-gun color tube "for incorporation in lower-price color TV sets." Though Emerson Laboratories recently acquired DuMont's consumer products line, the Lawrence tube is not affected by the transaction. DuMont is licensed by Chromatic Labs of Paramount Pictures to develop the tube, and, it's understood, once the prototype is workable in set design, DuMont will manufacture the tubes.

Luminescent Compound

Electroluminescence from the surface layer of barium titanate has been observed at the National Bureau of Standards and is now being used as a tool to study the material itself. The light emission, which is extremely low in both intensity and efficiency, occurs when a radio-frequency voltage is applied to the BaTiO_3 sample. Data obtained from the emitted light have led to an understanding of the mechanism by which the light is gen-

TV Above X-Ray Table



NEW CARDIOLOGICAL X-RAY EQUIPMENT. The Rauland Corporation's new x-ray image tube has permitted the development, by the Picker Company, of specialized cardiological x-ray equipment (shown here) and the use of TV as a method of viewing. (Arrow "A" shows tube housing.) Image of the area under scrutiny is picked up by television camera (see arrow "B") and reproduced on screen of standard TV receiver (here partly hidden by TV camera). Use of TV permits contrast enrichment in the reproduced image, and also group viewing by physicians—in another room, if desired. The IBEW union label appears on Rauland products.

erated. This, in turn, provides knowledge about the unusual surface layer of barium titanate.

Barium titanate is used extensively in electronic devices because of its desirable dielectric and piezoelectric properties. Important applications of this material include high-capacity miniature capacitors, and transducers used in accelerometers, sound detectors, and ultrasonic transmitters. In addition, BaTiO_3 memory elements for use in computers are now in the developmental stage in many laboratories. However, these memory units, at present, tend to fatigue or "forget."

GE 640-Mile Relay

General Electric Co. has completed in "record" time an over-the-horizon relay project for the U. S. Air Force, bridging 640 miles in a single hop. The single-hop tropospheric scatter system may hold the key to eventual transoceanic television, GE's technical products department believes.

GE designed and developed the single-sideband relay in conjunction with the Lincoln Laboratory of Massachusetts Institute of Technology at Lexington, Mass. It has been under test between Millstone Hill near Boston and Sauratown Mt. near Winston-Salem, N. C.

GE said such development normally requires 6 years but that this project required only 1½ years from drawing board to completion. It is a prototype for the first over-the-horizon communication system to be used by the Air Force as the main line link between Advanced Arctic bases. GE was prime contractor under a \$10 million Defense contract.

The new two-way scatter system develops one billion watts effective radiated power and the single hop would replace the 26 microwave relay stations presently required to bridge a 640-mile span. The O/H system now linking Florida and Cuba spans 185 miles. The new system offers "extreme reliability," according to GE, in the order of 99.99 percent of operating time. Of the total 8,760 hours in a year, the system would fail to get a message through for only split seconds at a time totaling less than a half-hour during the year, GE claimed. The O/H scatter system functions by beaming high-powered signals with a huge parabolic antenna into the troposphere. A similar antenna at the receiving end "scoops up" the tropospheric-reflected scatter by aiming so as to intersect the beam in the sky. Most of the signal continues on into space and is unusable since it is only partially reflected, or "scattered."

ITT Over-Horizon Signal

A new amplifier, still in the laboratory stage, has been announced by the International Telephone & Telegraph Corp. which will extend by 100 miles the present 250-mile range of over-the-horizon microwave scatter radio relay links. O/H radio relays, such as the one linking Florida and Cuba for television and telephone service, bounce signals off the troposphere to span distances without intermediate relays.

Developed at the ITT laboratory in Nutley, N. J., the new device is a parametric amplifier which has the capacity to increase the volume of the received signal without amplifying extraneous radio noise. The basic element of the amplifier is a sub-miniature silicon diode component, also an ITT development. Equally important is the fact that the new amplifier will permit O/H links to operate at the same efficiency with 90 percent less power than presently required, ITT explained.

Rubies and Reception

Television reception over much greater distances than now possible and communication with space vehicles is promised from U. of Michigan experiments with man-made rubies.

The "ruby maser," a low temperature device said to be able to outperform electron tubes and transistors, has been developed at the university. The maser harnesses the gyroscopic motion of electrons at near-zero temperatures to amplify very weak radio signals. Sensitivity is such that the instrument can detect the small natural radio emission from objects warmer than the ruby. It reportedly can discern radiation from cool matter a short distance away or from invisible stars thousands of light years distant.

The university is planning to incorporate the system into the 85-ft. radio telescope it is constructing.

Vatican Coverage

The television stations and networks of two continents gave extensive coverage to the coronation of Pope John XXIII early this month. Two hundred men, 14 television cameras and five remote trucks, four miles of wire in and around St. Peter's Basilica, and special jet planes waiting in London, were some of the arrangements made.

The Italian state-owned radio and TV network (RAI-TV), which won praise from the Vatican for its Europe-wide transmission of funeral rites for the late Pope Pius XII, outdid itself in preparations for the 3½-hour coronation ceremony.

Millions watched the rites over 10-million TV screens in the 14-nation "Eurovision" hookup.

STATEMENT REQUIRED BY THE ACT OF AUGUST 24, 1912, AS AMENDED BY THE ACTS OF MARCH 3, 1933, AND JULY 2, 1946 (Title 39, United States Code, Section 233) SHOWING THE OWNERSHIP, MANAGEMENT, AND CIRCULATION OF:

Radio, TV and Recording Technician-Engineer, published monthly at Washington, D. C. for October, 1958.

1. The names and addresses of the publisher, editor, managing editor, and business managers are: Publisher, Int'l. Bro. of Electrical Workers, 1200 Fifteenth Street, N. W.; Editor, Albert O. Hardy, 1200 Fifteenth Street, N. W.; Managing Editor, None; Business Manager, None.

2. The owner is: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 per cent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual member, must be given.) International Brotherhood Electrical Workers (an incorporated labor organization), 1200 Fifteenth Street, N. W., Washington 5, D. C.

3. The known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.) None.

4. Paragraphs 2 and 3 include, in cases where the stockholder or security holder appears upon the books of the company as trustees or in any other fiduciary relation, the name of the persons or corporation for whom such trustee is acting; also the statements in the two paragraphs show the affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner.

5. The average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the 12 months preceding the date shown above was: (This information is required from daily, weekly, semiweekly, and triweekly newspapers only.)

ALBERT O. HARDY,

Editor.

Sworn to and subscribed before me this 28th day of October, 1958.

LAWSON WIMBERLY,

Notary Public.

(My commission expires September 30, 1962.)

Station

Breaks

McClellan Films Probed

Last April it was revealed that the National Association of Manufacturers peddled free to television stations a version of the McClellan hearings on the Kohler strike and that TV stations passed these shows off as "public service" programs.

After AFL-CIO President George Meany lodged a formal complaint with the Federal Communications Commission, that agency launched an investigation. The probe, which is still being carried on, has now produced its first results:

The FCC announced it has sent letters to four television stations, charging them with violating the Communications Act and the commission's rules by releasing the NAM's kinescope films without identifying their sponsor.

The letters went to KSTP-TV, St. Paul; WDAY-TV, Fargo, N. Dak.; KFVR-TV, Bismarck, N. Dak. and WMOT-TV, Minot, N. Dak. The latter three stations received the films from KSTP, through interconnection facilities.

The FCC said the probe is still going on to see if there are further violations among the 27 stations across the nation that received the NAM films.

As first disclosed by *The Reporter*, a bi-weekly news magazine, NAM arranged with WTTG-TV in Washington to make summaries of films of the hearings, which it bought from that station. The summaries dealt predominantly with the management side.

WSPD-TV Joins Network

WSPD-TV, Toledo, Ohio, switches its primary affiliation from CBS-TV to ABC-TV effective October 26, it was announced August 15 by the executive vice president of Storer Broadcasting Co. ABC-TV says this is the first time a one-station market station has changed primary affiliation. Members of Local Union 1218 are employed by the station.

Literate Listener

Columnist Bill Gold of the Washington, D. C., *Post and Times Herald* reports that postal workers occasionally come across a letter addressed to: "The Station to Which You Are Listening."

Hartford UHF Closes

UHF television suffered another blow early last month, as CBS announced that it would close its Channel 18 WHCT (TV) at Hartford, Conn., and affiliation of the network with WTIC-TV of Hartford, an independent VHF station.

The move became effective this month. It was the second network-owned UHF station to be abandoned in recent months—the first being NBC-operated WBUF(TV), Buffalo, N. Y.

CBS, Inc. President Frank Stanton said the decision to close WHCT was reached "with great reluctance and regret." The station was manned by members of Local Union 1294.

Tall Tower

Taking pride in its new "Tower of Stars," Crosley Television Station WLW-A in Atlanta, Ga., recently paid for one of the largest and longest advertising "inserts" ever to appear in a magazine. The 24 pages when unfolded to their full length were higher than the young lady's head. They appeared in a recent edition of a broadcasting trade journal. WLW-A is one of five Crosley television stations. It is manned by members of IBEW Local Union 1193.



ALEXANDER BROWDY
1902 S STEARNS DR
LOS ANGELES 34 CALIF
BN