

# RADIO LORE FOR NOVICE AND EXPERIENCED FAN

## Radio Proving Young Man's Profession, Survey Indicates

### Average Age of 30 Leaders in Industry 40 Years.—Oldest Are Admiral Bullard, Gen. Harbord and Col. Dillon, Each 61.—Inventor Jenkins, 59, Next

An amazing thing about radio is the youth of those participating in its development, says observers in Washington. The average age of 30 leaders in the industry is about 40. Three of the oldest men in radio are Rear Admiral W. H. G. Bullard, retired, chairman of the Federal Radio Commission; Col. John F. Dillon of San Francisco, a member of the commission, and Gen. J. C. Harbord, President of the Radio Corporation of America, each 61. This is the age of Senator C. C. Dill, co-author of the Dill-White Radio Act of Chicago, an owner of station WEEM, who is only 24 years old.

One of the world's greatest authorities on static, who recently received the medal for the greatest scientific progress made during 1927, Dr. L. W. Austin of the Radio Standards, who is 60 years old.

The man who is keeping America in the front ranks in the development of radio vision, Dr. E. H. Appleton, Francis Jenkins, the Quaker inventor, is 59 years old. Mr. Jenkins has accomplished wonders with his inventions for transmitting power by radio and his latest achievement has been the broadcasting of weather maps to sea in co-operation with the navy.

Dr. D. Terrell, chief of the supervisory staff of the Radio Standards, is 60 years old. In the development of wireless telegraphy in America, it is likewise 54 years old.

In the light of his great record of achievement, it will surprise many to learn that Secretary Hoover is just 53 years old. When Mr. Hoover came into the cabinet he inherited the control of radio, inasmuch as even at that date it was principally used by ships at sea and was practically centered in the Bureau of Navigation in the Department of Commerce.

Then came program broadcasting, a development which Mr. Hoover has frequently said was so great that the control of it should not be vested in a single man. He established a system of self-government of the industry through radio conferences, and finally passed the control along to the Federal Radio Commission. Secretary Hoover will serve as the head of the American delegation at the forthcoming International Radio Conference in Washington this fall, to be participated in by 40 nations.

Mr. Hoover's right-hand man in radio, especially having to do with its legal phases, Judge S. B. Elmer, who recently left the Department of Commerce, is 52 years old. Judge Davis is today one of the foremost legal authorities of radio legal treatise, "The Law of Radio Communication."

Two years younger is Judge E. O. Sykes, the lawyer on the Federal Radio Commission. Both Judge Davis and Judge Sykes had the distinction of serving in the Supreme Court of the United States in Maine and Mississippi, respectively.

One of the authors of the 1927 Radio Act, Representative Wallace White of Maine, is 51 years old. The chief consulting engineer of the Radio Corporation of America, and an inventor of international reputation, is E. F. W. All-

## Q. S. D. (S. O. S.) call. Mr. Binns is hardly out of his 30's.

So it will be seen that the claim is not extravagant that the average age of the man who is doing things in radio today is only 40.

## With Providence Radio Hams

"The Old-Time Ham vs. the Ham of Today" however, the subject of a spirited discussion at a recent gathering of Providence amateurs at Howard Mansfield's summer camp at Gaspee Point. Mr. Mansfield is owner and operator of station WJAZ. For the edification of the younger "hams," veteran operators at the meeting reviewed the development of amateur wireless from its early days to the present time.

Interest was centered on by means of the now obsolete spark transmitter and the crystal receiver, they pointed out. Operators would listen for hours "just hoping for a faint signal in code," and would feel highly elated if they talked with one another over distances of five or six miles.

But today the amateur operator sits before a one- or two-tube receiver and listens to "ham" signals originating in all parts of the world. If he desires to communicate with his friends, he has a simple transmitter tube in operation. More than likely he will contact with them, whether they be 50 or 5000 miles away.

At the present time the amateur operator profits as much from amateur radio as the present day "ham" is a question difficult to answer, agreed those at the meeting.

At present not many Providence amateurs are on the air. A number of operators are engaged in the summer rebuilding program. Among them are W. Ashworth, station WJAZ; Horace Young, station WJAZ; S. S. S. Atkinson, station WJAZ; Chester Ward, station WJAZ; and Robert Thompson, WJAZ.

Several Providence amateurs were surprised recently by a visit from Edward Godin, former owner and operator of station IBZD of Providence and now chief operator of the coast guard destroyer, U. S. S. Godin left Providence three years ago.

John Doyle who operated station 100 before the World War, has made application for a new license, and will soon be on the air again. He explains that it is impossible to remain away from amateur radio after one has been actively engaged in it.

## Today's Programs in Brief

For the convenience of radio fans, the following hourly schedule of broadcasting today is given in brief form. Figures following stations denote wave length.

The hours are based on Eastern Daylight Saving Time.

**LOCAL STATIONS**

10:50-Church. WEAN. 319.  
11:00-Church. WJAR. 484.  
11:00-Church. WEAN. 319.  
11:15-Concert. WJAR. 484.  
11:30-Church. WJAZ. 349.  
11:35-Correct time. WJAR. 484.

**EASTERN STATIONS**

9:00-Children's hour. WJAZ. 349.  
9:30-Church. WKBY. 217.  
10:00-Radio. WEI. 408.  
10:30-Church. WBRW. 217.  
10:45-Church. WEI. 408.  
10:50-Church. WJAR. 484.  
10:55-Church. WJAR. 484.  
11:00-Church. WJAR. 484.  
11:10-Church. WJAR. 484.  
11:15-Church. WJAR. 484.  
11:20-Church. WJAR. 484.  
11:30-Church. WJAR. 484.  
11:35-Church. WJAR. 484.  
11:45-Church. WJAR. 484.

**WESTERN STATIONS**

10:30-Sunday school. WSB. 476.  
11:00-Sunday school. WTV. 428.  
11:25-Sunday school. WTV. 428.  
11:30-Sunday school. WTV. 428.  
11:35-Sunday school. WTV. 428.  
11:40-Sunday school. WTV. 428.  
11:45-Sunday school. WTV. 428.  
11:50-Sunday school. WTV. 428.  
12:00-Sunday school. WTV. 428.

## Radio Laid Blew Off Last July and Chaos

It was just a year ago that the radio lid blew off. Attorney General John Garfield created general confusion in the radio world, following the Zenith-Chicago court decision, by ruling that Secretary Hoover had practically no jurisdiction over the radio situation.

Previously the House had passed the Dill-White Radio Bill, and as soon as the news of the Attorney General's ruling reached the Capitol, an effort was made to rush the bill through the Senate. This was done July 2, 1926, but too late in the closing session to get it through conference and to the President for his signature.

Then began a period of granting station licenses such as this country had never seen before. They were issued to all comers and on all wave lengths. From last July until the following March no less than 221 stations went into operation, 65 in Chicago alone.

Fifty stations changed their locations, almost 200 their power, and more than 100 their wave length.

Since Congress reconvened, the President signed the Radio act and the Radio Commission started functioning, the total number of stations has shrunk from 733 to 697. There is a prospect of new ones being authorized, while there is every reason to believe that additional broadcasters will go out of existence.

## STATION CHANGES

Two Massachusetts Plants Authorized to Move.

The Federal Radio Commission has authorized the following changes in broadcasting stations:

KSAR, recently granted permit to move from Fairbank, Mass., to Island Park, Portsmouth, R. I., is authorized to operate on power of 100 watts, frequency of 1100 kilocycles and wave length of 269.1 metres.

WAGS, granted permit to remove station from Somerville, Mass., to Lexington, Mass.

WOBR, Shelby, O., issued construction permit for portable station operating on power of 100 watts, frequency of 470 kilocycles and wave length of 204 metres.

## RADIO PROGRAMS

WEAN commences its week of broadcasting at 10:50 a. m. with the service from All Saints Memorial Church, and at 7 p. m. with an organ recital.

8:50 p. m.—Baseball scores.  
9:00 p. m.—Correct time.  
9:00 p. m.—Goldman Band concert.  
9:00 p. m.—Correct time.

8:00 p. m.—Service from Church of the Seventh Day Adventist.  
8:45 p. m.—Monday.  
9:00 p. m.—Organ recital.  
9:00 p. m.—Correct time.

6:30 p. m.—Guernsey Trio.  
7:30 p. m.—Orchestra.  
8:15 p. m.—Musical program.  
8:30 p. m.—Dick Harrington and his gang.  
10:00 p. m.—Correct time.

6:15 p. m.—Entertainers.  
7:00 p. m.—Broadway Market hour.  
7:30 p. m.—Nagarsnath Hotel Orchestra.  
7:30 p. m.—Studio program.  
7:45 p. m.—Studio program.  
8:15 p. m.—Correct time.

10:00 a. m.—Radio directory hour.  
7:30 p. m.—Studio program.  
5:30 p. m.—Orchestra.  
8:30 p. m.—Orchestra.  
10:00 p. m.—Hotel Baltimore Orchestra.

## OUT OF TOWN STATIONS

To-Day

**KDKA—PITTSBURGH—510**

2:00 p. m.—Roxey and his gang.  
6:00 p. m.—Baseball scores.  
8:00 p. m.—Baseball scores.  
9:00 p. m.—Orchestra.

**WABC—NEW YORK—474**

10:50 a. m.—Service from West End Presbyterian Church.  
8:00 p. m.—Musical program.  
8:45 p. m.—Feature.  
9:00 p. m.—Feature.

**WBAL—BALTIMORE—296**

7:00 p. m.—Musical program.  
8:00 p. m.—Concert orchestra.

**WBZ—SPRINGFIELD—333**

1:00 p. m.—Feature.  
7:00 p. m.—Correct time.  
7:00 p. m.—Baseball results.  
7:30 p. m.—Ensemble.  
7:30 p. m.—Studio program.  
7:30 p. m.—Musical program.  
8:00 p. m.—Piano recital by Dorothy M. Kidney.  
8:28 p. m.—Baseball.  
9:00 p. m.—Concert.  
10:30 p. m.—Correct time, baseball and weather.

**WEAF—NEW YORK—492**

8:00 p. m.—Address by Judge J. F. Rutherford, President of the International Bible Students Association from Coliseum, Toronto, Canada.  
4:30 p. m.—Weather report.  
3:30 p. m.—Dinner dance.  
7:00 p. m.—Orchestra.  
7:15 p. m.—Feature.  
7:15 p. m.—Capitol Theatre program.  
8:00 p. m.—Orchestra.  
9:45 p. m.—Atwater Kent hour.  
9:45 p. m.—Adventures in Local Color, W. E. Wood.

**WEEI—BOSTON—418**

10:45 a. m.—Service from First Church of Christ, Selden, N. Y.  
7:08 p. m.—Radio bulletin.  
7:10 p. m.—News dispatches.  
7:15 p. m.—Baseball scores.  
9:15 p. m.—Correct time.  
9:15 p. m.—Atwater Kent hour.  
9:45 p. m.—Adventures in Local Color.

**WFL—PHILADELPHIA—405**

10:20 a. m.—Address by Archbishop Street Methodist Episcopal Church.  
8:00 p. m.—Orchestra.

**WGWS—NEW YORK—340**

8:30 p. m.—Nadine Friedman, saxophone solo.  
8:45 p. m.—Hannah Sterling, operatic soprano, and string ensemble.  
9:15 p. m.—Musical program.  
9:30 p. m.—Male quartet.

**WGR—BUFFALO—303**

10:45 a. m.—Service from Westminster Presbyterian Church.  
12:00 p. m.—Weather forecast.  
3:00 p. m.—Address by Judge J. F. Rutherford, President of the International Bible Students Association, from Coliseum at Exhibition Grounds, Toronto, Canada.  
8:00 p. m.—Studio service from Central Presbyterian Church.  
9:15 p. m.—Atwater Kent hour.  
9:45 p. m.—Talks by well known people.

**WGY—SCHENECTADY—380**

11:00 a. m.—Service from First Baptist Church.  
2:00 p. m.—Musical program.  
7:30 p. m.—Capitol Theatre program.  
9:15 p. m.—Atwater Kent hour.  
9:45 p. m.—Talks on Adventures in Local Color by Rex Beach.

**WHAP—NEW YORK—256**

8:00 p. m.—Concert of sacred music.  
8:00 p. m.—Selections from the Bible and the Scriptures.

**WTVA—ATLANTIC CITY—273**

10:45 a. m.—Service from Chelsea Baptist Church.  
2:15 p. m.—Service from Christ Methodist Protestant Church.  
7:45 p. m.—Service from Chelsea Baptist Church.

**WIN—NEW YORK—395**

12:30 p. m.—Organ orchestra.  
5:00 p. m.—Orchestra.  
10:30 p. m.—Orchestra.  
12:00 p. m.—Orchestra.

**WIP—PHILADELPHIA—508**

10:45 a. m.—Service from Holy Trinity Church.  
9:30 p. m.—Musical program.

**WJZ—NEW YORK—454**

9:00 a. m.—Children's hour.  
2:00 p. m.—Roxey and his gang.  
3:15 p. m.—Talk by Judge J. F. Rutherford, President of the International Bible Students Association, from Coliseum, Toronto, Canada.  
5:30 p. m.—People's radio viewers.  
6:50 p. m.—Baseball scores.  
7:00 p. m.—Organ recital.  
7:00 p. m.—Feature.  
8:00 p. m.—Travelogue on Peru and Bolivia.  
8:30 p. m.—Musical concert.  
10:30 p. m.—Correct time.  
10:30 p. m.—Godfrey Ludlow, violinist, with Solita Cabrera Gausburg, accompanist.

**WKBY—BUFFALO—217**

9:30 a. m.—Episcopal service.  
10:30 a. m.—Church service, chapel of Churchhill Tabernacle.  
3:00 p. m.—Public worship, main auditorium.  
7:00 p. m.—Evangeline service.  
10:15 p. m.—Back home gospel melody hour.

**WMAF—SOUTH DARTMOUTH—128**

6:55 p. m.—Correct time and baseball scores.  
7:00 p. m.—Organ recital.  
7:45 p. m.—Sunday evening musical.  
8:45 p. m.—Mime. Lydia Savitskaya, harp.  
8:55 p. m.—Svira Kent, contralto.  
9:15 p. m.—Solo Ricci, violinist.  
9:30 p. m.—The choir invisible.  
9:30 p. m.—Talk sponsored by the Automobile Club of Rhode Island.  
1:00 p. m.—Sunday service.  
1:00 p. m.—Weather report.

## Will Rogers Suggests Plan for Sending Soldiers to Paris

BY WILL ROGERS.

"Is this scheme any good? Is it a take long to lay it before you? If it's any good get behind it. But if you are not interested in the last war, anyone connected with it, why not put a Tabloid and go back to reading your favorite murder."

Every year our various Soldier organizations meet and have a good time and talk over the war. The subject is one of their lives. They always talked about Paris and wished they could see it again. Well, this year they are to meet there. Just think, meeting in the real country where the war was fought. He wants to see, no, the Paris of war times, with lights out and airplane raids, but the Paris he has heard of all his life, the Paris that was just built to entertain.

He wants to go to the Battlefield and see the place where he ducked in time and maybe his Pal did not. Nobody knows what any soldier's vision of France might be. It might be an old farm house where he was quartered. It might be Eiffel Tower. It might be a free Brandy. It might be the barest possibility of an American Bar.

And the ones who enlisted and never made it across, they have their visions: But a lot of these visions didn't last long. Paris, yes, great place, but now I'm going to get there. It's a great trip to get to Paris for somebody. Somebody else, not me. Cross the Ocean. Say I can't see the Hudson till they get a free Brandy. It's this week. I heard that working men might now more than the Boulevard of old Paris.

Now here is the scheme. It is no more. I would like to see it. I don't want out gracefully. LET EVERY ONE OF US WHO DIDN'T GO BEFORE (OR EVEN SIGN UP TO GO) SEND A MAN.

Someone went for us before. Now let's send him again. Of course the Government sent him in our place the first time. We did not go and we did not even send a man. The Government even sent him. But for us. Now let's see if we can't do better.

I know that you didn't go are not interested. But that's all right. You are not interested. But that's all right. You are not interested. But that's all right.

Americans' who didn't go seemed to be kinder put out because some of the Boys get tangled up with some "White Mule". They stumbled over some Corn Liquor. They seemed to think the boys should have more money than Sam Pickard. But they are not. It would be safe to say that it is near that of Mr. Pickard.

In the youthful class with Ralph Atwater, secretary of the American Legion, is Paul A. Greene, secretary of the United States Listeners' Association of Cincinnati.

Perhaps no more striking example could be pointed to, exemplifying the youth of radio, than Jack Binns, who, as a wireless operator, sent the first



"See Your Boy Off to Paris"

the short story, "Where Love is God Is." It is the story of a young man who is a member of the American Legion and who is sent to Paris to see his boy who is in the service.

5. The first railroad station in Providence was built in 1836.

6. Helena is the capital of Montana.

7. The Reynolds house on the Bristol road, just below the entrance to the Colt Memorial Drive and on the opposite side of the road, is one where Lafayette stayed.

8. The Leatherstocking Tales are the short story, "Where Love is God Is."

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