

NATIONAL

RADIO

NEWS

FROM N.R.I. TRAINING HEADQUARTERS



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Every one of us here at the Institute wishes you a Merry Christmas and a happy prosperous New Year in Radio.
J. E. Smith
President

A Simple Comparison SHOWS RADIO'S BIG GROWTH



1922 Here's the first broadcast station—KDKA. Today it is one of the biggest and best known in the country. Compare this first station with the apparatus in the new German station below.

1928

The huge switch-board that will control the world's most powerful Radio station that will be opened at Zeesen, Germany—near Berlin—in February, 1929. Radio owners the world over will be able to listen in to its broadcasting and the station itself will be able to communicate with any other station on the face of the globe.



AND even these two pictures do not give a true picture of Radio's rapid growth in 6 years. The first KDKA programs were heard by a few amateurs gathered around crystal sets and a few primitive tube outfits. Today 40 to 50 million people hear programs over 12 million receivers from over 600 stations in the U. S. alone. Today Radio movies are being televised and picked up by thousands of amateurs. Today automobiles, airplanes and battleships can be controlled by Radio without a man on board! The volume of Radio business done 7 years ago was only two million dollars—last year over 600 millions was done. What does Radio hold for TOMORROW? We are now on the threshold of the glorious Radio "Age."



Let's Talk Over 1929 Together

THIS is a time of the year that I would like to meet each one of you N. R. I. men face to face—to have you sit right down beside my desk and go over a few things with you. I would like to know what the past year has meant to you in Radio and what plans you are making for 1929 and the years ahead. I do know that many of you Graduates who have been out in Radio for quite some time now have gotten more out of Radio in the way of genuine satisfaction, pleasure and profits this past year than in any previous five years combined. To you, I want to say "Congratulations" and hope that this New Year will mean still more to you in every way. To others of you who are just getting started in the course, or who have been studying for some time and have not been able to carry out your plans—I want to say that your big opportunity is right ahead of you.

Fellows, 1929 offers 365 full days of Golden Opportunity. Make each one mean something to you. One thing is certain—Radio is not waiting for anybody. In eight short years it has developed into the sixth leading American industry. Railroading, automobiles, steel, mining, agriculture—industries that are many, many years old, find Radio in their company after eight short years of popular existence.

Radio is riding on the crest of a wave of new developments—Television, Short Waves, new applications of Radio principles in Aviation and the Movie Industry, etc.—and will pass a few more milestones before the year ends.

Of course you want your share of the profits and success that this huge growth and expansion offers, and it is up to you

to tie up with it and keep in step with its progress.

Think of your possibilities—see what there is to accomplish. Make a definite and careful plan to follow this coming year. Visualize some definite object or goal you want to reach.

Of course most anyone can sit and dream about doing things—it is ACTION that really counts after all. Anybody can make resolutions—it takes a man with back-bone, stamina, stick-to-itiveness and courage to transform his dreams into concrete realities.

You may be planning to open up a Radio business of your own, or doing some spare-time service work to add to your income, or you may be planning to get back to your regular schedule on the Course, finish up your lessons and get your Diploma. Whatever your plans are—carry them out! Begin right now. Get off to a flying start with the New Year. Make each new day yield something toward the fulfillment of your Success Plan. Then the rich rewards of happiness, prosperity—Success will be yours.

J. E. SMITH.

SUCCESS

Success doesn't mean so much sitting up nights, as being awake in the day time.

Never leave that till tomorrow which you can do today.

—Franklin.



"I made \$22.50 Saturday night after doing my day's work. I am getting tired of working in the mines for \$2.80 per day when I can make more outside working on Radios." Jackson Wallace, Majestic, Ky.

"I have run a Radio repair shop here for two years, but have learned more of the actual why and wherefore of Radio in your three lessons than I learned in the two years of experience. There are lots of laws governing Radio you can't learn by experience." W. A. Collins, Box 102, Maramec, Okla.

"I believe there is more information in the first six lessons of your course than anyone would be able to pick up in five years by just experimenting." C. W. Erney, New Middletown, Ohio.

"I am with the DeForest Crosley Co. here in Montreal. When I applied for the job they asked me what experience I had had, so I told them I was studying with the N. R. I., and showed them my Junior Radio-trician card. They started me right away, so you see I have the N. R. I. to thank for putting me where I am." Jack McPherson, 4755 Lafontaine St., Montreal, P. Q., Canada.

"I have opened a Radio sales and Repair shop in one of the best locations in Spencer, a town of about 5500, and have the Zenith and Atwater Kent lines, and all the repair work that I can do. Have sold one \$379.00 Zenith and 29 Atwater Kents since the first of September, the day that I opened." Jno. F. Kirk, 1514 North Main St., Spencer, Iowa.

"In my opinion one would have to be pretty thick not to be able to master your lessons. They are wonderful. Just like sitting down and having a nice chin with a pal." Martin Moran, 610 Gallagher St., Springfield, Ohio.

"I am making on the average of \$40.00 a week in my spare time right now." Vern S. Warner, 2615 Pingree St., Detroit, Mich.

"I want to tell the whole Institute that I wish to thank them for the way they have looked after my lessons, etc., and I will tell any man, young or old, that if he misses these lessons he is letting a \$100,000 check slip through his fingers." Bert B. Dyer, 1010 Nesquehoning St., Easton, Pa.

"I now have full charge of the service department of the largest Radio distributor in this territory. I have serviced about every make of receiver on the market and have never had any difficulty due, of course, to N. R. I. training." Harold Ware, 1707 8th Street, Portsmouth, Ohio.

"My sales on parts and accessories amount to about \$200 every week. This is about three times more than what I used to make per week before taking your course." George Y. Miyagawa, 921 Boerman Avenue, Kalamazoo, Mich.

"The business cards you sent me sure hit the spot. I just figured that I've made \$209.00 and have turned down some of the work for I could not take care of these jobs account of my other job. I'm 50 years young." J. A. Maynard, 215 N. Pearl St., Albany, N. Y.

"I get lots of pleasure out of experimenting with these Units. I will tell the world that this is some course and would recommend it to anybody." Leroy F. Cool, R. F. D. No. 1, Little Falls, N. Y.

"I have earned up to date at least six times what my course cost me. When I started this course I was way in debt; now I am almost cleared up, and besides I have a \$265.00 Fada A. C. set of my own." Frank Capaccio, 14 Howell St., Walton, N. Y.

"I have all the work I can handle in spare time. I make on the average of about \$50 a week." H. J. Gensenleiter, 1118 Washington St., Allentown, Pa.

"I have repaired such sets as Kolster, Steinite, Fada, Freed-Eisemann and Zenith. I have only reached my 19th lesson." Harry J. Quinn, 2022 So. Opel St., Philadelphia, Pa.

"I could say if the first 16 lessons were all I would get for \$97.50 I would sure be satisfied because I can make \$500 or \$1000 with the knowledge that I have gained already through the course." Walter J. Cloyd, Box 545, Ponca City, Okla.

"Radio is the most fascinating work I have ever found and with the way you have of explaining it, a person would have to be naturally "dumb" not to understand it." Verne Cimmiyotti, White Salmon, Washington.

"I've just accepted a position at the Bosch Magneto Company as a Radio Inspector. My Junior Radio-trician card did it." Zigmont J. Gregalis, 129 Monroe Street, Springfield, Mass.

"I distributed your cards and I have cashed in enough to pay for your course twice over but that would not buy my knowledge of Radio, as it is not for sale. I have fixed Radiolas, Atwater Kents, and numerous other makes of sets and I have not found one yet that has stumped me and I don't think there will be one that I can't fix." Roswell W. Cox, 425 N. 8th Street, Santa Paula, Calif.

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Our Technical and Student Service departments want to be of as much help to you as possible, and, in order to give you quick service on your inquiries, I want to ask all students who write in to be sure and give the kind of information we must have to help you.

For instance, if you have some question to ask or some problem about a Radio Receiver to be solved be sure and write the name and model of the set, the name and type of tubes used, whether it is a one, two, or three-dial control and other facts concerning the particular problem. With this information in hand we can give you more accurate and prompt service.

The mails are mighty heavy around the Christmas season and your graded lessons and other correspondence may be held up a few days on that account.

Of course we're getting your lessons graded here and starting them out to you as quickly as possible—in fact, we're making an extra effort to overcome this delay caused by a condition beyond our control. So if you do not receive your graded lessons on time you may just wait a few days before writing in about them for they will be delivered to you as soon as possible.

Thinking

If you think you are beaten—you are.
If you think you dare not—you don't.
If you like to win, but you think you can't

It is almost a cinch you won't.
If you think you will lose—you are lost.
For out of the world we find
Success begins with a fellow's will
It is all in the state of mind—
If you think you are outclassed, you are,
You have got to think high to rise.
You've got to be sure of yourself.
You can ever win a prize.

Life's battles don't always go to the strongest or fastest man, but sooner or later the man that wins is the one who thinks he can.

Radio Follows Comdr. Byrd in Antarctic

Provides Only Means of Contact With Civilized World.

While Commander Byrd and his party explore the ice wastes of the Antarctic regions, their discoveries will be made known to an anxious world by means of Radio.

Most elaborate plans have been made in obtaining and installing the Radio apparatus for the Expedition. During the three years the expedition will be stationed at the Ross Ice Barrier, Radio will be the only means of contact with the outside world.

In addition to the expensive apparatus aboard the base ship, City of New York, dog sled parties, airplane and walking parties will at all times carry transmitting and receiving sets for communication with the base ship which will in turn broadcast their discoveries and adventures to listeners all over the world.

When questioned about the importance of Radio apparatus, Commander Byrd declared that next to food and navigating instruments it is probably the most necessary equipment of the expedition.

Not only will members of the crew be able to flash word to relatives and close friends at home, but they will be able to tune in on long and short wave Radio programs which will shorten the long nights for them. The entertainment value alone will tend to keep the crew in good spirits, and keep them informed of what is taking place at the top of the globe, too.

No doubt Radio amateurs and ham operators will play a big part in making known their discoveries to a waiting world, as they have done in former instances where news of importance depended upon amateurs for its final delivery.

But the amateur operator will not provide the only means of communication from civilization to the Antarctic wastes, for 15 carefully arranged broadcast programs are being planned in order to send personal messages, news and entertainment this winter to explorers in both the Arctic and the Antarctic.

Millions are looking forward with much interest to the progress of the Byrd Expedition and other exploration parties, and must depend upon Radio as an unflinching line of contact with them.

