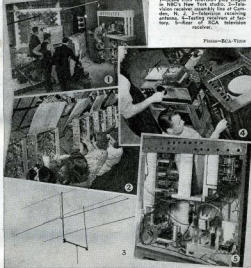


NBC-RCA Television "Goes into Action"!



1—Scene from television play staged in NBC's New York studio. 2—Television receiver assembly line at Camden, N. J. 3—Television receiving antenna. 4—Testing receivers at factory. 5—Rear of RCA television receiver.

Photos—RCA-Times

TELEVISION made its bow to a group of newspaper editors and writers on April 28th when the RCA Building of the New York World's Fair was officially dedicated. The images as well as the accompanying sound of the ceremony at the World's Fair grounds, 2 miles distant, were picked up on a battery of 12-inch C.B. tube receivers in the RCA Building, New York City. The images were far clearer than any that the editors had seen previously, and there was no distortion at the edges. A high-fidelity sound channel gives very faithful reproduction of the voice. The camera of the World's Fair grounds was manipulated so as to give a view of the periphery and trivium, and the great depth of focus obtainable with the improved camera was truly re-

markable. This feature also proved very valuable when a boxing exhibition was later staged for the entertainment of the guests. One of the outstanding points noted in observing the image on the new RCA receiver was the high fidelity of small detail, and even when the image of a person appeared very small on the screen, he could still be recognized. The close-ups were exceptionally clear and sharp and no shadows were noticeable. Likewise, flickering of the image was absent, and the new images are really like home movie reproduction, with the added flip that live "spot-news," such as the ceremonies of the World's Fair, can be flaked before your eyes right while it is "hot." — H. W. S.

LIST OF TELEVISION BROADCAST STATIONS

as of February 1, 1939

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D. C.

Licenses and Location	Call Letters	Frequency (mc.) or Wavelength	Power	Area
National Broadcasting Co., Inc. New York, N. Y.	W2XBS	42 to 56 mc. 48 to 56 mc. (Mon., Tues., Thurs.—11 a.m.—4 p.m.; Wed. & Fri.—4 p.m.—9 p.m.)	12 kw	15 kw
National Broadcasting Co., Inc. Portland (Columbia, N. J. and New York, N. Y.)	W2XBT	173 to 180 mc.	400 w	100 w
Columbia Broadcasting System, Inc. New York, N. Y.	W2XAX	42 to 56 mc.	50 w	700 kw
Radio Television, Inc. Long Island City, N. Y.	W2XDB	42 to 56 mc.	C.P. 7 1/2 kw 1 kw	51 kw
Dow Lee Broadcasting System Los Angeles, California	W2XAO	60 to 88 mc.	1 kw	136 w
Farnsworth Television Incorporated of Pennsylvania Springfield, Penna.	W2XFP	42 to 56 mc. 60 to 88 mc.	200 w	1 kw
Radio Radio and Television Corp. Philadelphia, Penna.	W2XK	42 to 56 mc. 60 to 88 mc.	10 kw	10 kw
Photo Radio & Television Corp. Philadelphia, Penna.	W2XKP	204 to 210 mc.	15 w	
Allen E. Du Mont Laboratories, Inc. Passaic, New Jersey (Regular: 12 mid-3 a.m.; 8-10 a.m.)	W2XVT	42 to 56 mc.	50 w	30 w

(Continued on page 111)

Please say you saw it in RADIO & TELEVISION

TRAIN FOR ELECTRICITY
FOR
12 WEEKS TRAINING
THIS QUICK EASIER WAY
ACTUAL SHOP WORK—NOY BOOKS



H. C. Davis

WANT TO EARN MORE MONEY?

Have you ever dreamed of holding down a steady, good pay job? Have you ever dreamed of doing a job that really likes you so that both promise of a real future in the years ahead?

Well, we all know that you can't get the good things in life by just dreaming about them. Hundreds of fellows are today looking down mightily for jobs with prospects of a bright future. They are filling these jobs because they just happened to come themselves with the right kind of training. Most of these men were only average fellows a short time ago, but the opportunity seized by them out of the long list of unemployed workers. The same opportunity is now offered to you.

RADIO AN EXTRA 4 WEEKS Course Included

Right now I am including at no extra tuition cost, an extra 4-weeks course of training in Radio after you have completed your 12 weeks electrical training.

The great expanding field of ELECTRICITY offers real future to many men and young men who are willing to prepare for a place in this giant industry.

LEARN BY DOING

FIRST—You are told and shown how

THEN—You do the job yourself.



Here at our school in Chicago, the world's Electrical Center, you can get 12 weeks shop training in ELECTRICITY, that can help give you your start towards a better job.

You will be trained on actual equipment and machinery and because of our method of training, you should be able to gain experience on a lot of education. Many of our successful graduates never even completed Grammar School.

Students in ELECTRICITY, who receive valuable instruction in Diesel, Electric Refrigeration and Air Conditioning at no extra cost. Our practical shop methods make it easier to learn. First the instructors tell you how a thing should be done—then they show you how it should be done—then you do the actual work yourself.

I'LL FINANCE YOUR TRAINING

You can get this training first—then pay for it later in easy monthly payments, starting 40 days after your 12 weeks training period is over—then you have 12 months to complete your preparation.

GET THE FACTS

Send the coupon today for all details. When I get it I'll send you my big free book containing dozens of pictures of students at work in my shops. I'll also tell you about my "Pay After Graduation" plan, how many earn while learning and how we help our students after graduation. Fill in, clip coupon, mail today for your start toward a brighter future.

COYNE ELECTRICAL SCHOOL

3035 Paulina St., Dept. 21, Chicago, Ill.
H. C. LEWIS, Pres., COYNE ELECTRICAL SCHOOL
303 S. Paulina St., Dept. 21-1, Chicago, Ill.

Dear Mr. Lewis: Without obligation send me your big free catalog with facts about Course Training and details of your "Pay After Graduation" plan. Fill out your name and 4 weeks actual Radio Course.

Name.....
Address.....
City.....



List of Television Broadcast Stations

(Continued from page 67)

<i>Licenses and Location</i>	<i>Call Letters</i>	<i>Frequency (mc.) or Group</i>	<i>Visual</i>	<i>Power</i> <i>Aural</i>
General Television Corporation Boston, Mass.	W1XG	42 to 56 mc. 60 to 86 mc.	500 w	
RCA Manufacturing Co., Inc. Portable (Camden, N. J.)	W3XAD	124 to 130 mc.	500 w	500 w
RCA Manufacturing Co., Inc. Camden, N. J.	W3XEP	42 to 56 mc. 60 to 86 mc.	30 kw	30 kw
RCA Manufacturing Co., Inc. Portable-Mobile Camden, N. J.	W1OXX	42 to 56 mc. 60 to 80 mc.	50 w	50 w
General Electric Company Bridgeport, Conn.	W1XA	60 to 86 mc.	10 kw	3 kw
General Electric Company Albany, N. Y.	W2XB	60 to 86 mc.	10 kw	3 kw
General Electric Company Schenectady, N. Y.	W2XD	156 to 162 mc.	40 w	
General Electric Company Schenectady, N. Y.	W2XH	42 to 56 mc.	40 w	
First National Television, Inc. Kansas City, Mo.	W9XAL	42 to 56 mc. 60 to 86 mc.	300 w	150 w
University of Iowa Iowa City, Iowa		42 to 56 mc. 60 to 86 mc.		
Zenith Radio Corporation Chicago, Ill.	W9XZV	42 to 56 mc. 60 to 86 mc.	1 kw	1 kw
(Irregular)				
Kansas State College of Agriculture and Applied Science Manhattan, Kansas	W9XAK	2 to 2.1 mc.	125 w	125 w
660-line images now; expect change to high definition in autumn)				
Purdue University West Lafayette, Ind.	W9XG	2 to 2.1 mc.	1½ kw	
University of Iowa Iowa City, Iowa	W9XE	2 to 2.1 mc.	100 w	