

RELIEF TRAIN HELD UP AND SEVERAL SLAIN

Advices From Moscow State
Bandits Attacked Ameri-
can Aid Officials.

LONDON, May 31.—Bandits have wrecked an American relief administration train in Russia and several officials are reported to have been killed, according to a Central News dispatch from Copenhagen this afternoon, quoting information received in Copenhagen from Moscow.

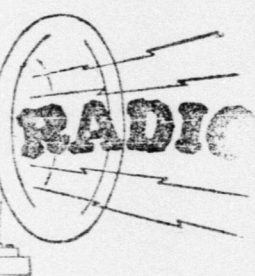
Medicine Discovered Cures Sea Sickness

LONDON, May 31.—Hypodermic injections for preventing seasickness have come into vogue on trans-Atlantic liners. The injection used is a mixture of strychnine and atropine and a preparation of belladonna, and it is found that passengers of both sexes prefer it. The strychnine-atropine injection soothes and tones up the whole nervous system it is claimed, enabling it to control the muscles and the stomach.

Building Permits

A. and C. Anglick, dwelling, 806 N. Gray, \$4,000.
Emma Pearson, re-roof, 1405 Cornell, \$12.
John P. and Grace M. Doeringer, garage and re-roof dwelling, 3031-33 Central, \$200.
John and Zada Plummer, addition, 548 Holly, \$150.
Grace Evangelical Lutheran School, school house, New York and Holmes, \$1,500.
Marie Ginter, repairs, 914 Congress, \$75.
J. C. Hardesty Manufacturing Company, partition, 219 W. Vermont, \$30.
W. L. G. garage, rear 303 Wilcox, \$70.
S. H. Creighton, dwelling, 123 S. Bay, \$2,500.
Henry Room, addition and re-roof, 522 Birch, \$20.
William Wuescher, addition, \$207 Kansas, \$100.
Ed N. Candell, dwelling, 2709 N. Olney, \$200.
William B. Bartlett, re-roof, 906 N. Illinois, \$125.
James N. Jones, garage, 957 N. Tremont, \$50.
Fred Oberfell, re-roof, 1339 Kappes, \$35.
J. V. Reinhardt, re-roof, 522 E. Morris, \$50.
George Kuhler, re-roof, 2243 Broadway, \$20.
J. P. Cartwell Company, dwelling, 314 Harvard place, \$2,500.
Robert Mains, garage, 835 S. Sheffield, \$20.
F. L. Miller, addition, 405 Caven, \$33.
J. M. Barnett, addition and re-roof, 1225 Cornell, \$100.

IMMIGRATION TO PALESTINE.
JERUSALEM, May 31.—Polish and Russian Jews constituted 48 per cent of the total immigration to Palestine during the year 1921.



Parts for Experimenters

Recent shipments have made our recent stock of radio parts amazingly complete. Amateurs and experimenters will find here everything necessary to the home constructed set.

Cabinets, \$2.25 to \$5.00.
Panels 3-16-inch thick, \$1.05 to \$5.04.
Head phones, \$6.00 to \$15.00.
Tuner and load coils, \$1.00.
Variable condensers, 3 to 43 plates, \$1.95 to \$20.50.
Rheostats, 60¢ to \$3.00.

Other Accessories Including:

Variometer and Varlo-Coupler parts, condenser plates, crystals, mounted and unmounted, of Galena Silica and Radiolite.
Crystal cups, detector mountings, binding posts, switch points in great variety, spool magnet wire, winding tubes, sliders and many other helps.

—Ayres—Sixth floor.

L. SAYRES & Co

Where to Go for
RADIO
SETS AND PARTS
CAPITOL
Radio Supply Co.
116 N. Penn.
RADIO
CENTER
136 Monument Circle.
Concerts each afternoon and evening except Friday.

**SERVICE
TO
DEALERS**

MAGNET WIRE
Immediate Delivery on All Sizes
Radio Sets and Parts Manufactured.
Special Prices to Dealers.
Meier Electric & Machine Co.
136 S. Meridian
MAIN 2362.

DAILY RADIO FEATURES

RADIO PRODUCES FIRST PRODIGY



LOS ANGELES, May 31.—In Bobbie Garcia, radio has produced its first youthful prodigy. At 8 he is the world's youngest licensed operator and instructor—distinctions resting lightly on his blond tousled head.

Bobbie is the only child of Mr. and Mrs. Allan Garcia. The three are known here as the "radiant radio family" because of their joyous combination of domestic and professional life.

I found them, busy as bees, in the garage of their home, converted into laboratory and workshop, fashioning shiny materials into tongue and ears of the ether.

The boy, full-fledged business partner of his parents in the manufacture of radio instruments, was making a two-step amplifier which had to be finished before he could play a game of shoney with the neighborhood youngsters.

"I'm going to put 'em up in nice boxes so the mothers will not say, 'Get that old trash out of her!'"

LEADER.
Barfoot and bareheaded, he had just come home from grammar school where

BOBBIE GARCIA'S ACHIEVEMENTS

World's youngest licensed radio operator.
Radio instructor of youngsters at Michotrena school of Los Angeles.
Honorary member of Southern California Radio Association.
Intelligence rating far in advance of his years by Stanford University examiners.
Manufacturer of radio apparatus as business partner of his father and mother.
Passed official license examination at 7, after five weeks' study and before entering public school.
Sends and receives messages like a veteran.

many applicants thrice his age. He did it after five weeks' study and before he had entered school. His mother, a trained instructor, had taught the boy reading and arithmetic. And from his father he had imbibed electrical lore since babyhood.

"I thought it would be fine if a boy of seven could get a radio station of his own," he confided as he tapped a panel. "I didn't want to wait until I became a man. Kids can do lots more things than old people think they can, can't they daddy?"

FATHER AN EXPERT.

Daddy confirmed it by citing his own progress in the electrical world. At ten Allan Garcia, then in San Francisco, was an expert at housewiring. At sixteen he was chief electrician on the steamer Nebraska. A short time later he erected the first commercial radio station on the Pacific coast. Today he's one of the country's recognized experts.

"The boy comes naturally by his love for the work and his aptitude," he explained. "Bobbie Garcia bowed down by his learning and responsibility, or puffed up by his amazing achievements?"

"Whoopie!" he shouted. "Come on and play a game of ball!"

RADIO PRIMER

ARC TRANSMISSION.—Transmission of radio frequency waves by means of an electric arc burning in an atmosphere of hydrogen and in a strong magnetic field. This method produces undamped, or CW, waves of rather long length and is operated on 500 volts direct current.

RADIO PROGRAM

INDIANAPOLIS (HATFIELD) WOMEN.—Daily, Except Sunday—
10:00-11:00 a. m., musical program with special features.
10:15 a. m., financial, grain and livestock market reports.
10:30 a. m., special items of interest to women, Monday, Wednesday and Saturday.
1:00-2:00 p. m., musical program with special features.
1:20 p. m., market reports.
1:30-3:00 p. m., musical program with special features.
4:15 p. m., police notices.
4:30 p. m., baseball scores.
—Sunday—
10:00-11:00 a. m., special recital.
—Evening Concerts—
8:30-10:00 o'clock, Monday, Wednesday and Saturday.

INDIANAPOLIS (ATRES-HAMILTON) W.L.K.—Daily, Except Sunday—
11:00-11:30 a. m., musical program.
11:30 a. m., weather reports and weather forecast (45 meters).
12:00-12:30 p. m., musical program.
2:00-2:15 p. m., musical program.
3:00-3:15 p. m., musical program.
3:30 p. m., baseball results.
10:00 p. m., time and weather reports (45 meters).

House Set on Fire by Burglar's Match

A burglar dropped a match and set fire to the home of Frank Metzger, 333 College avenue, late last night. Mr. and Mrs. Metzger were awakened by a noise. Mr. Metzger investigated and found two rugs and a wicker chair burning. The fire caused \$20 damage. Nothing was stolen. The burglar used a key to enter the house.

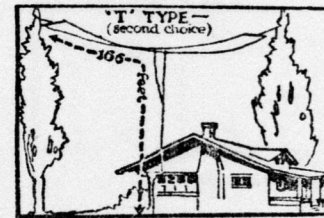
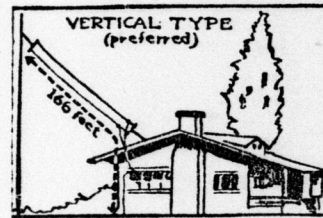
CONVICT'S LAST FIGHT.—BERLIN, May 31.—Five convicts rebelled while being taken from Berlin to Goerlitz but were overpowered. They led an insurrection in the Goerlitz jail and all were shot to death.

Eyes Strained

If your eyes are work-strained or tired, if your vision is dim or blurred, if it bothers you to read, if your eyes burn or itch or ache, if you wear glasses, get a bottle of Bon-Opto tablets from your druggist, dissolve one in a fourth of a glass of water and use from two to four times a day to bathe the eyes. Bon-Opto has brought comfort and relief to thousands.

Note: Doctors say Bon-Opto strengthens eyes, saves 50 per cent in a week or two.—Advertisement.

Antennae Control Signal Strength and Distance



VERTICAL TYPE (preferred)

HORIZONTAL TYPE (second choice)

By PAUL F. GODLEY.

America's Foremost Radio Authority.

In a receiving antenna it is height that counts. Of course, there are other considerations, too, but for the man who wants to get signals from great distances (and what radio fan doesn't?) height is the thing for which to strive.

The higher the antenna, the greater the electrical potentials which will be produced in it by the electric waves.

The major of the "other considerations" is one having to do with resonance. When an electrical circuit is resonant with another electrical circuit, it is of such dimension as to be capable of having set up in it electrical oscillations. In order that this may be accomplished by the methods available for tuning the radio receivers, some thought must be given to the total length of the antenna as well as its height.

Most radio fans wish to listen to wave lengths as short as 200 meters. It is much easier to "load" a small antenna for the reception of long waves than to operate upon a long antenna for receiving short waves. It is well to keep this in mind when constructing the antenna.

RECEIVERS FOR

A good rule although one which gives only approximately, is:

"The total over-all length of the antenna system in feet from its extreme end to the ground connection, should not be greater than the wave length in meters, divided by 12."

Following out this rule, and assuming that it is desired to receive from stations transmitting at a wave length of 200 meters, the result will be 16 2/3 feet.

Neither the number of wires in the antenna, nor the height, will affect this approximation to any great degree.

It is possible to secure a non-conductive support as high as 105 feet to the top of which can be run a vertical, or nearly vertical, wire or two, the results will be considerably superior to those obtained from the same length wire placed in the form of an "L" or "T" shaped antenna, whose vertical sections are only thirty or forty feet in length.

But the average radio fan will not have available supports as high as this.

Some may take sufficient interest in the radiophone to erect a special non-conductive mast, or insulated mast, of approximately this height. To such, it can be said that the results obtained will warrant the effort.

To those who must place dependence upon what natural supports are available, it may be pointed out that the higher the wire, the better, provided that the total length of the antenna from its extreme end to the earth connections, does not exceed the figure derived from using the formula given above.

If the antenna is of too great length, no success is to be had in tuning it to the shorter wave lengths. Gains that might result from increased lengths are more than offset by loss of advantages due to tuning.

Beeman's Daily Pep

VOL. I No. 41

On the Inside Looking Out!

"Does he wish he was single again?"
"Yes, but what makes him maddest is to think that he paid a minister money to get him into such a mess!"
—Judge.

Tied for life! Same way with Beeman users—they stay with it for life! They always like it—it's so delicious and wholesome.

After every meal
Beeman's
Pepsin Chewing Gum



PNEUMONIA
Call a physician. Then begin
"emergency" treatment with
VICKS
VAPORUB
Over 17 Million Jars Used Yearly

Store Open Saturdays Till 9 P. M.

Women's
Envelope
Chemise

Prettily made of good
quality mus-
lin, nearly
trimmed..... 33c



Men's Auto
Brand Work
Shirts

Dark blues, medium
blues, light
blues and
shaki 79c

Tuesday a Stupendous Sale of Imported Scotch Gingham Summer Dresses

Greatly Underpriced for One Day Only

Blue
Pink
Yellow
Brown
Tan
Orchid

\$5

Green
Copen
Checks and
Plaids
and Com-
binations

These dresses are smart enough to wear anywhere. The styles so charming, so varied that it would be easy to find half a dozen to suit one's own particular fancy.

Misses' Sizes 14 to 20; Women's Sizes, 36 to 44;
Stout Sizes, 43 to 55.

Some are piped in plain materials, many have fancy vests and cuffs and others with airy bits of organdy. Newest ideas in pockets. See them Thursday.

\$25.00 Stylish Stout Women's Canton Crepe Dresses

Colors Include:
Navy, Black,
Brown, Taupe
Tan and Henna

\$16.75

Youthful and
Slenderizing
Models. Beaded
and Embroidered

Models That Are Expertly Designed. Sizes 40½ to 56½

\$25 Stout Women's
Silk Lined SUITS

Expertly designed,
slenderizing models
of New Tweed and
Serge fabrics. Sizes
40½ to 56½.

\$13.75

\$75 \$65 and \$50 Stylish
Stout Poiret SUITS

Navy, Tan, Rookie and
Black. Embroidered and
tailored models. Sizes
40½ to 56½.

\$25

Special Sale of Stout Women's Underwear

Double Extra Size
Union Suits

Band top, bodice top, crochet
top, tailored top, loose, shell
and tight knee. Sum-
mer weight. Sizes
46, 48 and 50..... 49c

Jumbo Size
Union Suits

So seldom it is that the extra
large woman can get a com-
fortable fit that this sale de-
serves their imme-
diate attention. Sizes
62, 64 and 66..... 75c

Stout Size
Fine Knit Vests

Rare opportunity to get your
suits in a vest at the price of
a regular size, band
and crochet tops.
sizes 46, 48 and 50.... 15c

For Your New Home

YOU CAN NOW BUY FURNITURE FOR EVERY ROOM—FLOOR COVERINGS AND DRAPERIES AT GREATLY REDUCED PRICES. PAY PART—HAVE IT LAID AWAY.

Special Sale—Summer Needs

Kaltex or Oak Chairs, Rockers, Swings, Etc., lower prices.

Aero ux Porch Shades—Keep out the Sun, Heat and Dust
priced \$4.55 to \$9.55.

Oval Rush Rugs, clean, cool, beautiful, very inexpensive.

Couch Hammocks, specially priced at \$15.75 to \$29.75.

Domestic Science Fireless Cookers for a cool kitchen, \$1 down.

Taylor & Seeger Refrigerators save Ice and Food. Their lower
prices save you money. Sold on easy terms.

Hoosier Kitchen Cabinets save time and kitchen work. \$1 down.

Linoleums. Cool, clean, sanitary. 6 and 12 foot widths.
Special sale prices, square yard, 73c, 98c and \$1.9

The Taylor Carpet Co.