

FM Receives Broadcasts Once Thought Impossible

An F.M. radio set, previously considered unable to operate in State College, has been receiving stations as far away as Syracuse, N. Y., and Washington because of the use of a dipole antenna.

Harold W. Loman, the College purchasing agent, who has experimented with the antenna, reports he heard 22 stations since beginning work with F.M. in State College. He has listened to stations as near as Lewistown and as far as Winchester, Va.

Wide Range

If the dipole antennas are utilized with the sets in State College, F.M. radios may receive stations from a wide surrounding area, Loman explained. The Syracuse station heard by Loman is 175 air miles from State College.

Dormitories now under construction could be wired for F.M., Loman pointed out. Installing the wires would not be as difficult or expensive while the buildings are being constructed.

Regular Antennas

When asked the possibilities of adding F.M. antennas to the new buildings, George W. Ebert, superintendent of the physical plant, said, "An antenna system for regular radios is going into the new buildings. The other type antenna is not in the building program."

Prof. Gilbert L. Crossley of the electrical engineering department maintains, "It is not normal to get frequency modulation other than on a line of sight. This experimentation is probably successful because of an unexplained valley depression or through de-

lections of some sort." Loman's experimenting has covered a four-week period. He has listened to stations both day and night without having disturbing noises. He calls his work very productive and most encouraging.

Main Gate Lights Aid Traffic Flow

State College's new traffic light system was placed in operation for the first time at Co-Op Corner Saturday at 3:30 p.m.

Installation of the two signal lights, one at the southeastern corner of the S. Allen and College avenue intersection, and the other on College property near the main entrance to the campus, was completed in time for use during the period of "exceptionally heavy" weekend traffic which resulted from the athletic events staged at the College, police said today.

Police Chief John R. Juba issued a request for motorists and pedestrians' cooperation in observing safe driving and walking practices at the busy intersection.

"From our early observations, we feel that the new traffic signal system should help eliminate some congestion at Co-Op corner. For the present, it should handle the situation," the police chief said.

Placement—Faster Reading Ups Grades For Students, Clinic Finds

(Continued from page two)

Telegraph Corporation, May 17, eighth semester men in EE, IE, ME.

Standard Oil Company Research Department of Indiana, May 13, seventh and eighth semester students with B.S. or M.S., Ph.D. degrees in Chem, Chem. Eng.

Kelly-Springfield Tire Company, May 14, eighth semester men in EE, ME, IE, Chem, Chem Eng.

Standard Oil Company of Indiana, May 12 and 13, eighth semester men in ME, EE, Civil Eng, Petroleum and Natural Gas Eng.

Retail Credit Company, May 11 and 12, eighth semester men from C&F, A&L.

J. J. Newberry, May 11, seventh and eighth semester men interested in merchandising.

Burroughs Adding Machine Company, group meeting for C&F, A&L students interested in sales work, 228 Sparks 7 p.m., May 11. Arrangements for individual interviews on May 12 may be made after the meeting.

Third United States Civil Service Commission, group meeting for seniors, 405 Old Main, 7 p.m. May 13. Curricula: Aero Eng., Architectural Eng, Civil Eng., EE, IE, ME, Sanitary Eng, Mining Eng, Petroleum & Natural Gas Eng, Ag & Bio Chem., Ag Eng, Chem Eng, Chem, Commercial Chem.

Want to improve your grades? Increasing your reading speed may be the answer.

The slow reader has a tough time in college. Even though a person possesses a keen mind, slow reading may mean failure instead of success in studies.

The reading clinic in 7 Burrows was set up solely to help students raise their reading speeds and at the same time to increase their comprehension of printed matter.

By enrolling in education 105, a non-credit course meeting twice weekly, astounding results may be produced. To start the ball rolling, a student's vision is tested and a diagnosis of his individual difficulties is made. He must then honestly evaluate his present speed and set an attainable level of aspiration.

The average person reads 250 words a minute. Rates as high as 648 words a minute with 100 per cent comprehension, have been attained at the clinic. A student at Stanford University increased his speed from 225 to 1200 a minute, observed Dr. George E. Murphy, director of the clinic and professor of education.

By means of an instrument called a tachistoscope which exposes objects to the eye at one-hundredth of a second, an amazing acuity in word recognition is built up. When a student reaches a set level, his goal is raised.

Practice as well as concentration is important. Vocalization or lip movement slows down many readers and must be eliminated.

Persons in love or unduly worried about something must solve their emotional problem before assuming intellectual tasks, said Dr. Murphy. In this respect, the reading clinic cooperates with the psychology clinic located in the same building.

To develop your own speed, set a time for reading a number of pages and gradually reduce the interval from day to day. Dr. Murphy suggested. Reading with a purpose also helps.

The clinic, originally designed for freshmen, is now helping upper class students. In the past as many as 300 have been enrolled at one time. Set up through the cooperation of the education and psychology departments several years ago, it is now operated by a staff of three. Assisting Dr. Murphy are Miss Agnes R. McElwee of the English composition department and Stanley D. Melville, an instructor in education.

New Champs

Nary a 1947 national gym champion salvaged his crown after Saturday's meet in Rec Hall. New title-holders were chosen in every event.

Mother's Day SPECIALS

(No, It's Not My Mother)

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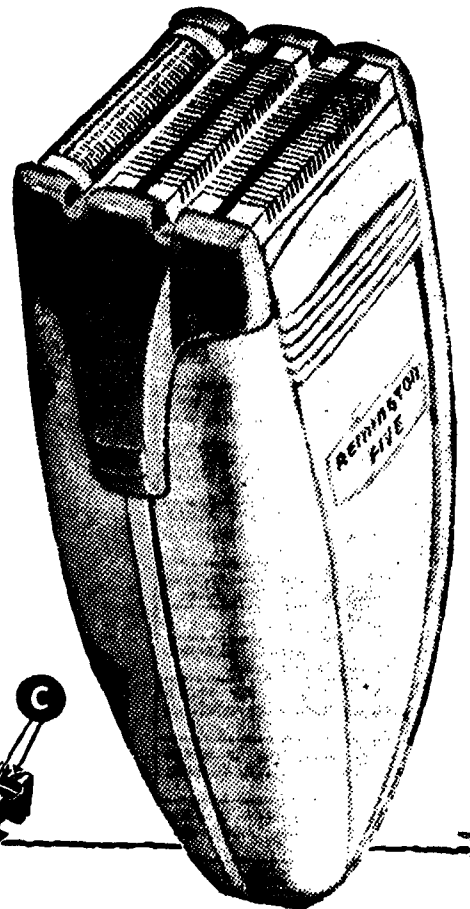
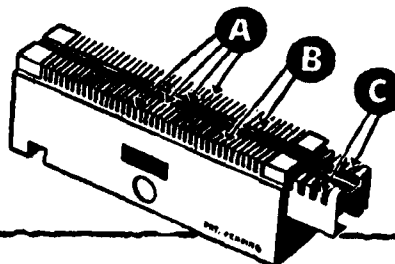
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