

Radio Club Installs Antenna To Broadcast World-Wide

By Ronald Pearlman

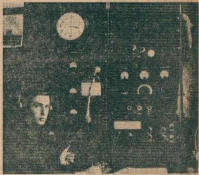
The Amateur Radio Club of the University has just completed the installation of a new antenna array atop a 50-foot steel tower on the roof of the Moore School Building, powerful enough to broadcast radio signals to every place on the globe.

Granted a Federal license in the early twenties, under the call letters W3ABT, the Club has since become the oldest, most powerful and yet least known, radio voice in campus.

Amongst the electronic equipment of the station was built by students in the Moore School of Electrical Engineering in their spare time, the Club's forty-five members are representative of all students in the University, both graduate and undergraduate. Many of the members are not even pursuing a technical course of study but are interested in amateur radio broadcasting as a hobby and an extra-curricular activity.

New Expansion Program

The new multi-frequency antenna array, a three-beam system which is the fruit of nine month's work and cost the Club \$1,500, is only one phase of a recent modernization and expansion program in which new facilities were added and existing equipment improved. Funds for the equipment were provided by the University, by the Moore School and by the members themselves, through dues increas-



The Daily Pennsylvanian's 40-foot broadcast tower.

ing the total assets of the Club to \$10,000.

Owing to the Moore School Building itself, the Club provides a means of contacting thousands of operators on every continent of the globe, even behind the Iron Curtain. Members of the Club have found it stimulating to communicate with people of varying ethnic backgrounds and often initiate regular correspondence with their overseas colleagues.

Daily Classes Given

Besides building and maintaining the Club's broadcasting facilities and operating the station, the members provide a series of daily classes at breakfast in theory and code for the benefit of all students who desire an amateur radio license.

No technical knowledge of broadcasting is required of prospective members, who will receive instruction in the operation of radio equipment upon inscription in the Club.