Tech weathermen will use 3 floors, roof of Green Earth Sciences Center

by James Viestenz

The Department of Meteorology is well on its way toward occupying the recently completed Green Center for Earth Sciences. The weathermen will use the roof of Building 54 as an outdoor laboratory and study floors fourteen through seventeen for research and teaching.

Since it is by far the highest point on the campus, the roof of the twenty-story structure provides an excellent spot for weather radar studies. The old instrument facilities on the roof of Building 24 were unable to "see" through the Great Dome and the Building 24 were unable to "see" protecting radar scopes which will track these weather formations up to 312 miles away. A third tower between these two will contain the standard weather instruments already on building 24 and other measuring devices. The 4-foot spire will also mount eight remote radiation levels for the MIT Director, and it already displays an experimental Edgerton strobe at night.

As can be seen from the ground, the three towers are staggered in height: thus the only blind spot for each radar beam is the relatively thin slat of the bow nearest it. Resting on the floor of the roof will be a third radar device for experimental purposes, enclosed by a 25-foot hemisphere of transparent plastic. It will be used to study polarizations of the waves by non-spherical particles. Other facilities on the roof also include a weather-balloon launching station and telescopes for instruction in astronomy.

The project would make extensive use of computers in class-room and laboratory teaching in civil engineering sub-jects. The proposed two-year program of Civil Engineering has been well on its way toward occupying the recently completed Green Center, however, the department's radar will be practically free of blind spots.

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American policy toward Europe discussed at Annanpolis conference

The fourth annual Naval Academy Foreign Affairs Conference was held recently in Annapolis, Maryland. It was attended by more than 150 students from 16 colleges and universities in the United States. MIT was represented by Norman Palotais '66 and James Finn '64.

Among the topics discussed was the proposed European Multilateral Force. Under this NATO plan, ships carrying nuclear arms are deployed in a nuclear force under the joint control of several nations. The plan is opposed by the German and French governments.

A discussion of American policy toward Germany, the conferees saged, was attended by an American expert. The conference delegates felt that this is not lack of funds but a lack of confidence that many conferences do not seem to justify the expense.

Commencement for Lowell to be May 21

Lowell Institute School graduation exercises will be held May 21 at 8:30 pm in Kresge Auditorium. The public is invited. Dr. F. L. Foster, director of the Lowell Institute, will preside, and the speaker will be Walter F. Phillips, LLM '21, president and director of the Union Manufacturing Company in New Britain, Connecticut.

Civil engineering prof proposes computer-aided teaching project

Prof. C. L. Miller of the Depart-ment of Civil Engineering has submitted a proposal to the NSF to study computer-aided teaching. The proposed two-year project would cost $100 per hour and rental of two IBM 7094 remote consoles at $650 per month. The proposal of the project would consist of 56 undergraduate faculty members and instructors devoting three months each year to the project. It would include two visiting professors and ten graduate assistants for two years.

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