New Hydrodynamic Testing Tank To Be Next Construction Project

by CHARLES BEARDSFORD

The latest construction project around the Institute is the new one in a series of hydromatic testing tanks that should get underway as soon as this summer. The project is expected to be completed within a year or two and will provide the means to test a unit in the water at a speed of five feet per second which simulates a speed of 10 miles per hour. As a result of the Department of Marine Engineering having no models at present, they do have a shop in which prototypes can be made, but the test will be used in the testing will be five feet long and will have the same characteristics as a ship four hundred feet long.

Part of the tank will be made of glass in order to permit observation of the turbulence of the water. Students will also be able to photograph the water flow as the index of refraction of turbulent water is different from that of the smooth stuff.

A scale model of the laboratory may be seen in the Naval Museum and may be a good laboratory for students to use. The new laboratory will be located on the corner of Massachusett Avenue and Beacon St.

Shoestring Lightning

In Room 3-309, our enthusiastic students and faculty will have a good opportunity to study the scientific phenomena of the light that comes from the atmosphere. It is expected that the models will be used.

A small lightning complex is displayed and the exhibits are equipped withadioelectric lights which are synchronized with the sound. Each flash can be fired in one position for 10 seconds, but the use of the tank is to measure the pull of (Continued on Page 3)

The first issue of The TECH for this term.

Record Commencement To Climax Senior Week Of Dance, Song, Games

Record Commencement was followed by a reception at the Institute for Seniors and invited guests. The students were then ushered into the great hall for Raymondrestoat, commencement exercises. The highlight of the evening was the annual Commencement Dance, which was held in the large gymnasium.

The dancing was followed by a game of "Tag," in which the seniors were divided into two teams and were pitted against each other. The winning team was awarded a trophy.

In conclusion, the Senior Week was a success and all attending had a good time. The Institute looks forward to next year's Senior Week.

The TECH Staff

Senior Staff

Norman Champ, General Manager of The TECH, announced the following list of assignments effective immediately after the annual Commencement:

The freshman editor was assigned to the Boston Dailies, and the general editor was assigned to the New England College and Christian Science Monitor. This arrangement was made to give the freshmen a chance to become acquainted with the daily press before the commencement exercises.

The TECH Staff will begin work on the summer term with some members of the gang, The TECH's reactor. Some of the members of the reactor have already been assigned to various departments.

Dorn Crime Wave Underway: Coke, Telephone Co. Hit

The end of the term seems to be the beginning of the end. This is the first of many such stories that will be published in the future. Coke is not the only company that has been robbed.

Fainting Students

Fainting students are being investigated by the police. It is believed that they were fainted by the police.

Project II: Foods for Industry

Since the students do not receive any allowance for clothing or lodging, the Institute, they are not officially considered students. However, all athletic facilities are available for the students.

Feminine representation is being increased over what it was at last year's commencement. In the freshman class, there were only nine women, in the sophomore class, there were seven women, and in the junior class, there were four women.

By the displays T.C.A. is launched. The students are being kept in order. Those interested in boys work must not overlook the opportunities open to them. Next fall the drive will be eliminated by a smaller and personal interviews of all interested students.

Change Of Address Cards

Needed For Summer Mall

According to the Postal Inspector, second, third, and fourth class mail that is undeliverable as addressed will not be forwarded outside the Boston area and Distinct District mail that is undeliverable as addressed will not be forwarded outside the sending or the addressee has guaranteed the forwarding postage. Therefore, students who have received present address, either permanently or temporarily, are urged to return before leaving, complete Form 22, 20th Edition, 1950. (Continued on Page 4)

Students May Join Conference Week

Delegates from the Institute are invited to the National Conference at Lake Belknap, Melon, in the Lake States Conference. The conference, which will be held from June 13 to June 19, annually during Senior Commencement Week, annually the Institute, its environment and all students, regardless of age, are invited to attend. The conference will be held in the Institute, and all athletic facilities are available for the students.

Guided tours of historic and cultural landmarks will be given to students and visitors. The Institute will also provide meals and accommodations for the guests.

Records of Commencement, a book of the Institute, will be on sale in the Institute Bookstore.

TCA Shows Boys' Work Achievements

Posters In Building 10

Open Drive For Workers at Work

A poster exhibition is being held in Building 10, and the students are invited to participate. The students are encouraged to exhibit their work, and the posters will be judged.

For Study, Research, Development, Competition, Independence

For Study, Research, Development, Competition, Independence, the Institute has accepted a total of $50,000 in research funds for the summer term. The funds will be used for the support of research work in various fields, including mechanics, electrical engineering, and computer science.

The grants will support the research work of students and faculty, and will enable them to carry out their research projects with greater success. The grants will also provide an opportunity for the students to gain valuable experience in research work.

For the Student

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Course II Opens Cooperative Program; Participants Now Graduate With Class

Once again Course II is sponsoring a cooperative program which will allow Mechanical Engineering students to combine actual plant experience with the regular curriculum.

The program is open to all Course II students in the Junior year. It is expected to be a useful experience.

The new cooperative program fall behind the class.

Representatives from the New York, New Haven and Hartford Railroad and Central Railroad, several air-

TCA To Sponsor Tours Of Boston

Golden Week To New Students

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