

THE TECH

VOL. XXXV. NO. 17.

BOSTON, MASS., FRIDAY, MAY 14, 1915

PRICE THREE CENTS.

INSPECTION MADE OF SHIP AT NAVY YARD

Electrical Engineering Society Conducts Last Trip This Year.

The E. E. Society conducted the last trip of the present year last Tuesday when a visit was made to Charlestown to inspect the electrical appliances used on a modern battleship. The New Jersey, which is now interned at the Navy Yard in order that the new six-inch guns may be mounted, was the vessel the party went over. The inspection was made by 25 members of the Society who remained on board the ship from two until six o'clock.

Through the courtesy of the officers on board, the men were permitted to investigate the range-finding room, the central station and the torpedo room. This is an unusual privilege.

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POSTER SALE.

Many Artistic Pieces Of Work To Be Auctioned.

Plans for the poster sale to be held a week from today in the Union are progressing finely and from present indications a large number will be present at the auction. W. J. Farthing, '16, has been secured by the management to act in the capacity of auctioneer. This is the first time that Bill Farthing has had a chance to show his talent along this direction, so that much is anticipated from him.

There are some posters to be sold which are really stunners according to those in charge. "Dress That Girl Up" by K. Day is one of the many attractive posters to be disposed of. This was one which attracted so much attention before the Spring Meet. Another poster shows a girl in a running suit with a "T" on it. She is supposed to be sprinting and at the same time is shedding hairpins galore.

JUNIOR CLASS MEETING

There will be a meeting of the Junior Class today at 1.00 o'clock in Huntington Hall. The question of amending the class constitution will be acted upon. The Institute Committee recommends that each class pass an amendment allowing the Institute Committee to amend the class constitution.

The matter of a class Portfolio in next year's Technique will be taken up. A contract drawn up by Technique 1917 will be read to the class and discussed. The class treasurer will make a report of the condition of the finances of the class and a report of the Prom will be given.

PRES. MACLAURIN AND DEAN BURTON SPEAK

T. C. A. Closes Unusually Active Year—Great Tribute Paid Mr. Cushman.

The T. C. A. closed their activities for the present year in an enthusiastic banquet held in the Union last Wednesday night. About fifty were present, including President Maclaurin, Dean Burton, the members of the Advisory Board, several Alumni guests, and the new and old officers and committeemen.

The retiring committeemen reported on the work that had been accomplished, and the new officers outlined briefly the plans for the coming year, chief among which are the more detailed freshman advisory system, already well under way, and the new T. C. A. "Bible" which is to be issued next fall.

President Maclaurin expressed himself as being well pleased with the reports of the committees and heartily in favor of the work which the Association had accomplished. He said that he hoped the work would continue to be broad and not narrow down to too strictly religious limits.

Dean Burton paid tribute to Mr. Cushman for his excellent campaign in his first year at the Institute. Mr. Cushman's unusual success, the Dean believes, is due to the efficient way in which the work was distributed among a large number of students.

It was the consensus of opinion that the Association had had an unusually successful season. From all sides came expressions of commendation and best wishes for the coming year.

C. E. LECTURE

Mr. W. E. Spear Talks On Catskill Acqueduct.

About fifty men gathered in II Eng. B, Wednesday afternoon, at 3.30 o'clock to hear Mr. W. E. Spear talk on the problems met with in the construction of the Catskill Acqueduct, New York City's newest water supply. This system is to take the place of the Croton Aqueduct, but the latter will be used still to supply the lower parts of Manhattan.

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RIFLE CLUB

Over thirty members of the Rifle Club will journey to Walnut Hill or to Wakefield tomorrow to take part in the annual N. R. A. qualifications. The team squad will shoot at Wakefield, the others at Walnut Hill.

Permits have been left at the South Armory for both rifles and ammunition; and every man is expected to carry out his own supply for the match.

ANNUAL PRIZE DRILL HELD THIS EVENING

Lieutenant McGuiness Of Sixth Infantry Will Act Again As Judge.

The Technology Regiment will hold its annual Prize Drill this evening at eight o'clock in South Armory. After the formation President Maclaurin will review the men and exhibition of Butt's Manual will be given. The individual and Company drills will follow. The closing feature will be the Regimental Parade.

The judge of both the Company and individual drills will be Lieutenant J. R. McGuiness of the Sixth United States Infantry, who acted in the same capacity last year at the Prize Drill. The names of the men entering the individual drill are: A Co.—H. W. Long, D. McAskill, R. P. Kennard and A. S. Johnson; B Co.—

(Continued on Page Three)

CLASS DAY COMMITTEE

Plans For Senior Week Nearing Completion.

At the ninth regular Class Day Committee meeting held on Wednesday, it was stated that Courses I and XI were to issue a challenge to the rest of the class for a baseball game on Friday, June 4th, at the class picnic.

Final action was taken on the form of entertainment to be given at the dinner and an interesting program is assured from present indications. The sign-ups have been coming in rather slowly and the fact was especially emphasized that not much more than a week remained for the rest of the sign-ups to be turned in. Only Seniors holding sign-up slips are to be permitted to attend any of the Senior Week functions with the exception of graduation.

It was also suggested that a custom carried out at some of the other schools be started at the Institute, namely, the holding of a "guilty" or "not guilty" affair when all those who are engaged plead "guilty." It was felt that such an event would add to the pleasure of the week.

ELECTRICAL SOCIETY

All ballots for the election of officers of the E. E. Society for next year must be handed to Miss Payson before 12 o'clock tomorrow. The candidates for president are W. C. Brown and J. B. Carr; for vice-president, E. J. Barney and B. D. Newton; for secretary, A. Martin and E. B. Stason; and for treasurer, J. W. Barker and H. H. Neilson. A vote is also to be taken on the question of eligibility to the society of those of Course V who are taking the electrical option.

TECHNOLOGY MEN TO FIGHT TYPHUS FEVER

Fifteen Sail For Servia Tomorrow To Aid In Stamping Out Plague.

In response to an urgent call for volunteers in the struggle against typhus fever in Servia, fifteen graduates of the Harvard-Technology school for health officers, and of Course XI, will sail from New York tomorrow to help stamp out this dreaded disease. Dr. Richard P. Strong, professor of tropical medicine at Harvard Medical School, is at present established in Servia, and is urgently in need of aid, as the country is now thought to be thoroughly infested with the scourge.

The work involves considerable personal danger, owing to the malignance of the disease, and requires the most rigid precautions, in addition to technical skill. Typhus offers in some ways, a problem similar to yellow fever, but the transmitting agent of the former is the body louse, and not the mosquito, which fact makes the extermination much more difficult. In localities where the disease is not prevalent, and isolation can be maintained, it may be stamped out without much trouble.

(Continued on Page Three)

ATHLETIC ASSOCIATION

Brown And Loomis Recommended For "T" Award.

At the last meeting of this year of the M. I. T. A. A. held yesterday afternoon, it was recommended to the Advisory Council that C. W. Loomis and R. G. Brown be awarded the "T." The following men were recommended for the "aTa": Allan, Buchanan, Brownie, Coward, Doon, Gokey, Hamilton, Reeve and Van Kirk. The members of the freshman Track team who won first places in the Andover meet were recommended for their numerals. It was also voted to renew the contract with Bowdoin for track meets for the next two years.

CALENDAR

Friday, May 14, 1915.

1.00—Junior Class Meeting. Huntington Hall.

7.45—M. I. T. Cadet Corps Prize Drill. South Armory.

Saturday, May 15, 1915.

Rifle Club Match. Wakefield and Walnut Hill.

12.00—E. E. Society Ballots Due. E. E. Library.

3.00—Sophomore Baseball. Wentworth Institute Grounds.

6.30—Dinners to Prize Winning Company. University Club, Beacon street.

THE TECH

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FRIDAY, MAY 14, 1915.

The Seniors in the Summer Camp Courses have again exhibited their enthusiastic school spirit. The success of the smoker which they recently gave would indicate not only that a very live game of baseball is soon to be held, but that a large body of rooters will be present to cheer their respective teams. If the men in the Class of 1915 go out into the world, without at least a speaking acquaintance with the best of their classmates it will not be the fault of the "Summer Camp Crowd."

To describe the tremendous scope of the work which the Technology Christian Association has carried on this year, as outlined at the banquet Wednesday night, would occupy more space than we have at our disposal in the present issue. In the near future we will publish a full account of what has been accomplished by the student committees and particularly by the local secretary, Mr. Cushman.

SOPHOMORE BASEBALL

The last game on the 1917 baseball schedule will be played Saturday at 3.00 o'clock with Wentworth Institute on the grounds behind the Wentworth buildings on Huntington Avenue. The men can dress there and have been requested to report early enough so that the game may begin promptly.

C. E. LECTURE

(Continued from Page One)

The aqueduct is sixty-one miles long and runs from the Catskill water-sheds to New York City. The tunnel crosses under the Hudson River at Storm King and it was here that a great deal of trouble was experienced. The tunnel had to be sunk to a depth of eleven hundred feet before it was safe to go under the river. The water runs into a reservoir just outside the city and from there it is forced through pressure tunnels which have been constructed through different parts of the city. The work on these was very tedious and costly because at all times it was necessary to have at least one hundred and fifty feet of rock above the tunnel to withstand the enormous pressure of the water. Mr. Spear's talk was supplemented with several lantern slides showing the different methods and kinds of construction, and also views of the tunnel at various stages of completion.

He discussed with more detail the construction in the city proper which consists of eighteen miles of pressure tunnel that will supply three hundred and fifty million gallons of water per day. The worst enemy of the engineers was the water which kept running into the excavations. This had to be kept out by continuous pumping. The work could only progress a few feet every day because of the trying conditions under which the men had to labor. From eight hundred to one thousand pounds of dynamite were used daily. The tunnel was run under streets and parkways as much as possible so as not to interfere with the foundations of buildings. The general cost of the whole scheme will be about twenty million dollars.

CLASS BASEBALL

Freshmen Defeat Sophomores In Erratic Game.

Last Wednesday afternoon, the 1918 baseball team defeated 1917 by the score of 15-13 on the Fenway Playground. At the time of the game, there was a strong wind blowing across the diamond, making the pitchers' work very difficult and flies hard to judge. Neither team had a marked superiority over the other and the outcome was not certain until the final inning. Cady pitched the whole game for 1917 but Wilson was hit in the eighth inning by a pitched ball, so Ryan finished the last inning for 1918.

The score by innings follows:

Innings	1	2	3	4	5	6	7	8	9
1918	2	1	1	2	0	2	2	2	3—15
1917	3	1	2	0	2	0	5	0	0—13

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SERBIA CONTINGENT
(Continued from Page One)

but once it has become widespread, the nature of the plague makes its extermination peculiarly difficult.

The men from the School for Health Officers will act as Medical Inspectors, while the Sanitary engineers will take with them instruments and supplies for well-digging and similar work.

The expedition will sail from New York tomorrow on the steamer Athenai, for Piraeus, Greece, from there proceeding directly to Servia. They will probably stay about five months. The following men will go at this time:

Dr. Albert F. Cornelius, Dr. Stanley H. Osborn, Dr. Harold H. Mitchell and Dr. H. B. Nagle, graduates of the School for Health Officers. E. H. Magoon, an assistant in the Civil Engineering Department. E. H. Gage and C. W. Bakeman, graduates of Course XI, now connected with the State Department of Health; Henry E. Berger, J. E. Harrington and R. S. Lyman, special students in Course VII; R. D. Bates, a graduate of Course XI, now in the Sanitary Research Laboratory; Edward Stuart, a graduate of Course XI, and member of the State Board of Health of Oklahoma, who will act as Sanitary engineer for the party; A. W. Buck and C. E. Buck, both of Course VII, the former an inspector of the State Board of Labor, the latter a graduate of Dartmouth; C. E. Fox, a graduate of Course XI, and member of the State Board of Health of Maryland.

Each member of the party was presented with an American flag by Professor George C. Whipple, as a protection against attack in warring countries. Money belts and first aid kits were given to them by Mrs. Sedgwick. In addressing the men before their departure Professor Sedgwick said: "Like the Light Brigade, yours is not to question why. You are going into very real dangers, and we can only hope that you will all return to us. You have the consolation that you are doing your duty as you see it."

PRIZE DRILL
(Continued from Page One)

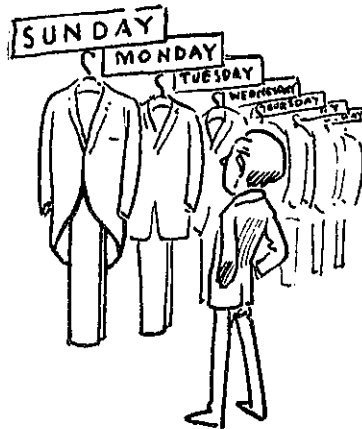
J. M. Todd, H. W. Fitch, D. Ely and J. W. Damon; C Co.—A. L. Russell, J. A. Clark, W. H. Costelloe and J. W. Friery; D Co.—G. F. Halfacre, L. H. Merrill, C. C. Fuller and W. A. Russell; E Co.—N. A. Bond, L. J. Jones, E. P. Collins and J. G. Merrill; F Co.—E. D. Herman, R. V. Sturtevant, T. M. Knowland and W. S. Maguire. Besides these men from the different companies T. P. Kelley and G. A. Elz are entered.

The dinner to the members of the winning company will take place tomorrow evening at 6.30 o'clock at the University Club on Beacon street.

NEW JERSEY TRIP
(Continued from Page One)

since ordinarily visitors are not admitted below the gun deck.

The ship contains 198 motors varying from 1-12 to 80 H.P. There are two lighting circuits for battle and ship lighting. All battle lights are screened and used only in action, the ship lighting circuit then being cut out. The wiring is the parallel and loop system. Thirty-one shunt motors take care of the compressed air ventilating system and twenty-nine doors and hatches are closed and opened by 1 H.P. compound motors. These doors can be swung locally or by distant control, it being possible to close all twenty-nine in thirty seconds.



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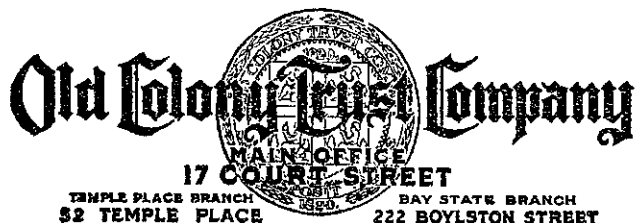
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