

THE TECH

VOL. XXXI. NO. 75

BOSTON, MASS., SATURDAY, DECEMBER 23, 1911

PRICE TWO CENTS

INSTITUTE NAVY TO RECEIVE ADDITION

Christmas Gift From Well-Known Yachtsmen Enables Continuation of Models.

Following within a very short time of the announcement of the success which the Department of Naval Architecture has had during the past year with its model ship, "The Froude," there comes to the department head, Professor C. H. Peabody, a gift of a large sum of money from two well-known New Yorkers, Mr. Clinton H. Crane, a yacht designer, and Mr. Arthur C. James, a wealthy yacht owner, for the continuation of the work for the coming year.

One of the important stipulations going with the gift is the one which requires that the money be expended in experiments on tugboat designs. It is a well known fact that there is at present very little scientific data on the construction and methods of propulsion of these most useful little craft, and anything which may be learned on the subject will be of great value.

The hull of the model will be built by students in the Institute shops on Garrison street on the best known lines, and then it will be tested in the basin of the Charles in the usual manner. The machinery which has been used in the "Froude" will be transferred to the new boat, and the practical tests along scientific lines will be continued for at least another year.

These experiments were kept up by Dr. Charles G. Weld, but his recent death has made the possibility of giving up the work very great indeed. This new gift has proven the value of the tests from a commercial standpoint, and is a splendid illustration of the way in which the Institute is supplying needed scientific facts to the world of commerce.

COSMOPOLITANS MEET

Discuss Plan for "Joint Night" With "Washington Memorial."

An important meeting of the Cosmopolitan Club was held Thursday afternoon at 5 o'clock, in the Union. The members of the club talked over "Joint Night," which is an entertainment to be given by all the foreign members of the club in connection with the Washington Memorial to be celebrated all over the country. This entertainment is to be given in order to put the club on a financial basis and to make it more popular among the student body. The plans and program for this entertainment will be given in the first issue of THE TECH after the Xmas vacation.

It was also planned to have an "American Night" on February 16, and to have an informal dance. More definite plans will be given in this paper on a later date.

TO OBSERVE JUPITER.

Professor William H. Pickering, '79, of the Harvard Observatory, has gone to Jamaica, where he is to spend a year in astronomical work for Harvard. Observation of the satellites of Jupiter is his principal line of work, and he should be successful owing to the clear air of the tropics.

The Princeton football team has dropped the Navy from its schedule and will play only one Wednesday game.

COSMOPOLITAN CLUB TO HOLD DINNER

Affair to Be Held at Technology Club—Excellent Dinner—Good Speakers.

The Cosmopolitan Club have decided to hold a New Year's dinner at the Technology Club on December 30. This is the first dinner of the year for this club, and everything points to a grand success. Mr. Hill, the manager, is very earnest in his desire to help on this work and will put up an excellent dinner for the members. The dining room is to be decorated and special illumination will be provided for the occasion.

There will be a number of good speakers present, among whom will probably be Mr. Homer Albers, the instructor in Business Law at the Institute, and Dr. Dewey.

Elaborate preparations are being made for this dinner, and the members of the club are looking forward to it with great interest.

MINING MEETING.

Dr. Shimer to Talk on "Geology and Scenery of the Rhine."

Wonderful and magnificent slides will be shown in the Union at the meeting of the Mining Engineering Society on the 3rd of January to illustrate Professor Shimer's talk on "The Geology and Scenery of the Rhine."

Dr. Shimer is an Assistant Professor of Paleontology at the Institute, and has been in the departments of both Yale and Columbia. He is considered one of the best of the younger geologists in the world, and is well worth hearing.

ART MUSEUM LECTURES.

Prof. Seaver to Speak Again At Free Sunday Dozent Service.

Any men who are left in the city over the holidays will have a fine chance to hear some talks at the Art Museum Sunday afternoon that have a real worth, for the men who are giving them have made a study of the work and are able to handle their subjects in a masterful fashion.

At 2:30 o'clock, in the Mastaba Gallery, Mr. Joseph Lindon Smith will give a short talk on the "Excavations in Egypt" that should appeal to anyone who takes any interest in the discoveries which are constantly being made along this line. Directly at the close of this lecture Assistant Professor Henry L. Seaver will speak for a few minutes on "The Marquis de Pastoret," in the First Modern Room in the Department of Painting.

COMMITTEE TO REPORT.

Last evening the Highway Committee of Cambridge voted to report to the City Council and Aldermen next Tuesday night on the new site. The conditions of the granting of the Institute's petition are the same as have already appeared in print.

The meeting last night was held to consider the possibility that the Street Department might be called on to construct a new street later, but this belief has been due to a misunderstanding, and the report is now ready.

BOSTON'S NEW HIGH PRESSURE FIRE MAINS

System to Be Installed Under a Tech Graduate, Clarence Goldsmith, '98.

Fire fighting in the city of Boston will be reduced to an accurate science, and the danger from fire in the big wholesale and retail districts downtown will drop to a minimum when the new high pressure salt water mains are laid in the city streets and put in operation under the supervision of Clarence Goldsmith, 1898, a hydraulic engineer who has been with the National Board of Fire Underwriters in New York City.

Mr. Goldsmith was a Course II man in the Institute, and has made a specialty of hydraulic work since his graduation. He is an expert in this line and is very well fitted for the work in the position that has been given him by the Public Works Department of the city.

In April of the current year the State passed an act which required this installation, and within a very short time the City Council passed the necessary orders to take up active work on the project. There is at present a little over \$300,000.00 available for the purpose; but for future years the expenditure will have to be limited to about half that sum. This will, of course, mean that a much longer time will be consumed in the building of the mains than if they could have all of the money at hand to start the work on a larger scale. It is now estimated that it will take from six to seven years before the whole business section will be fully protected.

The system which they propose to use is the one where the high pressure mains are under a maximum pressure of seventy-five pounds during normal times. This pressure is instantly raised in case of fire from two to three hundred pounds, depending on the size of the fire and its location, that is, the danger that may

(Continued on Page 2, Col. 1.)

SOPHOMORE SCHEDULE.

Series with the Freshmen to Be Played in February.

Manager Ott has just announced the schedule for the Sophomore basketball team. Two games have already been played, and six more remain, in addition to several games pending and the Sophomore-Freshman series. The regular team has also been picked by Captain Comber and is as follows: Tirrell and Comber, forwards; Price and Williams, backs; Ruoff, center; Fox and Henderson, substitutes. The schedule follows:

Jan. 5—Salem Normal School, at Salem.

Jan. 27—Westbrook High School, at Westbrook, Me.

Jan. 31—Rockbridge School, at Wellesley Hills.

Feb. 3—Andover, at Andover.

Feb. 10—Abington Y. M. C. A., at Abington.

Feb. 17—Allen School, at West Newton.

Negotiations are being made to secure games with the following schools: Quincy, Dummer Academy, Melrose, and a return game with Bridgewater. The first game of the spring series with the Freshmen will be played on the evening of February 21.

NEW TRANSFORMER FOR THE WIRELESS SOCIETY

Big High Tension Condenser and Sending Helix Have Been Loaned With Coil.

At last the new transformer has come for the Wireless Society, and it looks now as if Technology would have one of the best sending stations in New England. The wireless transformer was built by Ritchie & Sons, and was purchased by means of a gift.

It is a 1½ K. W. transformer, but will be used to give ¾ K. W., which is all that is required at the present time. This new piece of apparatus was procured through Dr. Pender and Sewall Cabot, '97, the Wireless Engineer for E. S. Ritchie & Sons.

A high tension condenser and sending helix have been loaned to the society by the makers of the coil, and with this equipment the M. I. T. Station can send two hundred miles under any conditions which may arise, and will have a wider range than practically any other station in the vicinity, excluding the government station at the Navy Yard and some of the commercial stations.

In a trial yesterday morning, when the members of the society were testing out the new apparatus in their rooms, they obtained a six-inch spark between tin cans, and it looks now as if the Wireless Society would be a very active crowd as soon as they have their new apparatus in working order.

RELAY TRIALS TODAY.

Kanally Expects Men to Make Fast Time This Afternoon.

This afternoon several track men are to run trials for the two Varsity relay teams, and some very fast times are expected. Many of the men have run their trials as they wanted to go home for the holidays, but the most of the team will be in the city during the vacation and practice will be kept up just the same.

Of the men who have run their trials, Munch looks the best for the shorter team, while Germaine ran a good one for the half-mile squad. Captain Nye, of the cross-country team, ran a fast trial for the shorter team.

The men who will run tomorrow are Oettinger, Thompson, Benson, Wilson, Guefning and several others. This picking is not to be a final one, but will add to interest in the teams and will get the men who do not do so good today to try harder and increase their speed so that they will make a better showing in the finals.

GRAD APPOINTED PROF.

Paul Hansen, '03, State sanitary engineer of Kentucky, has been appointed associate in sanitary engineering at the University of Illinois, and engineer to the Illinois State Water Survey. Mr. Hansen entered sanitary work with the Massachusetts Board of Health after getting through his studies in the Institute, and later worked with the Columbus, Ohio, filter plant.

CALENDAR.

Saturday, December 23rd.
Tech vs. C. C. N. Y., Basketball—New York.
Exercises suspended until January 1st.

THE TECH

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

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All communications should be addressed to the proper departments.

Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.

Subscriptions within the Boston Post District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Rutter, 147 Columbus Ave.

SATURDAY, DEC. 23, 1911

MERRY CHRISTMAS.



THIS will be the last issue of THE TECH this year, and we wish to thank all those who have helped us to gather the news and place it before the students. We hope to have your support in as many ways in the year to come. The paper will be "on deck" bright and early New Year's morning, and will endeavor to be even brighter and more newsy than in the past.

We wish everyone a very pleasant holiday and would suggest that all forget their books for a while and have a vacation in reality as well as name. Don't take home your books with you and then you will not be tempted to study, and can spend your time out in the open air, where you will get the most good. You surely will need the rest, considering what is a couple of weeks ahead of you. The more rest that you get the more chance you will have of putting your best energies on your work when you return.

We realize that most of you will not deign to take our advice, but we know that you will be sorry if you don't. In closing the last lap of the year, the Editors of THE TECH wish you all a very Merry Christmas and a Bright and Prosperous New Year.

TECH MAN WATER EXPERT

(Continued from Page 1, Col. 3.) arise for surrounding buildings, as well as the height of the building in question.

The location for the new central pumping station has as yet not been definitely settled, and the style of engines and pumps to be used are still open for discussion. Although many of the streets have already been mapped out for the placing of the new mains, there are still countless obstacles to be overcome, for the streets of Boston, in addition to being very crooked, are already crowded by the collection of sewers, water mains, postal tubes, electric conduits, refrigeration pipes, etc., so that it is rather difficult to pick a route for this new pipe line that will not conflict.

The Dartmouth hockey team will play in Boston during the Christmas recess.

LATEST NEWS FROM UNION DINING ROOM

Letter From a Convert to His Pal Shows That Many Men Appreciate Favors.

The following letter was found in the corridor of the Union yesterday afternoon, and forwarded to the addressee, whose name is withheld for political reasons. The letter is put before the public (meaning the Institute) in the hope that some one will believe the herein contained statements.

December 20, 1911.

Mr. Chas. _____
 Chapel Street,
 New Haven, Conn.

Dear Old Chummy:—Went over to the Tech Union tonight for dinner for the first time. You know "Cann and Barr" have been eating there regularly and have always vouched for the meals being the best in Boston for the money. The dinner is served at little six-chair tables, nice white table cloths and napkins with "Tech" in red letters on them. A vase of flowers on the table and three pieces from the Technology Orchestra giving fine selections throughout the dinner. I remarked what a clean, bright-looking crowd the waiters were, with their nice, clean, white coats and aprons, and "Barr" told me that they employ from 20 to 30 Tech students there daily as waiters; that's why they look so bright; do you get me? Here are the cats:

Purce of Tomato Soup.
 Hot Rolls and Butter.
 The fellows "kill" the rolls and butter, for the waiters keep bringing them on as fast as you empty your plate. Well, next, Choice of Broiled Schrod, Maltree d'Hotel, Roast Stuffed Young Chicken, Cranberry Sauce.

The chicken was fine, but while the order was perhaps a little smaller than you get in many of the restaurants, the quality was there (the Steward told me confidently that he uses the same kind of chicken and meats that the best hotels and clubs in the city use).

With our chicken and cranberry sauce we had a choice of Baked or Boiled Potatoes, and also Boiled Onions or Succotash.

With this course we also had some great dope called "Watermelon Pickle," and it is certainly fine stuff. I am going to get mother to get some for us to have at home. Then we had choice of

Apple Tapioca Pudding or Pie.
 Say, Chummy, the pies at the Union are "all to the good." They tell me that they are baked by electricity. The chocolate pies are the best of them all, and I guess that all the fellows think so, for they seemed to "have the call."

With our desert we had choice of Coffee, Milk, Tea, Cocoa or Sweet Cider. Just think of it, all for two bits. And say, we can smoke after our coffee and hear the music. A fellow does not get "gold bricked" here, I can tell you. In fact, I really do not know how such a good menu can be served for a quarter.

It has all of the nearby restaurants beaten by a mile. And beside that, the waiter helps you on with your coat, passes you your hat, and even lights your pipe or cigar, without looking as if he expected a tip. Me for the Union after this. Now I can save enough money out of my board allowance to take in an extra show every week. I want to take you over when you come up to the Arena with the "Stale" Hockey Team, which, incidentally, our M. I. T. boys are going to trim.

See you next week.
 ALGY.
 P. S. Don't show this letter to the Governor. He might shut off the supply of mazuma.
 (Continued on Page 3, Col. 2.)

COMMUNICATION.

In appreciation of the interest and support by the student body and your paper at the recent Harvard game, the Hockey Team wishes to thank all those who participated in the demonstration. This generous support came at a crisis in the career of this year's team at the Boston Arena, and Tech showed very plainly that she can back an athletic team in the proper spirit and numbers. The cheering section of 400 men helped us at critical points of the game and was a great factor in the victory. We thank you all again for your support, and hope that in the coming intercollegiate contests the same spirit will be shown. We have a goal in sight.

The Hockey Team.

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TECHNIQUE MAKES ITS ANNUAL HISTORY CALL

Stories of Past Class Events Must Be in Hands of the Editor On Jan. 1.

Of all the various ways of earning individual distinction at the Institute, probably all will agree that the most spectacular is that taken by the athlete in winning his "T" by superior skill on the track, but a great many of the fellows will say that even this is more a matter of brains than of legs. And speaking of earning distinction through one's brain brings us to the point.

Technique hereby issues the last call for Class Histories. A Technique Class History is not the product of a professional smooth-running brain with literary capabilities, but the conclusion of a series of convulsions of an overworked scientific man's gray matter, which are the direct result of the little breathing spell which we call a Christmas recess.

One of the advantages of being the author of your Class History is the fact that you have a chance to knock any of the enemies that you may have made, but more than that you can boost your friends in a way that can never be forgotten. "Technique is immortal." Wouldn't you like to be able to pick up a Technique in some far off day and tell the little son the story of the way "Jones" flunked in English 234 in the good old days when you were at Tech?

Another advantage that is not to be overlooked is that a nice copy of a de luxe book on the fifteenth day of April next without the expenditure of any cold silver. If you are an underclassman, you will have a good hand hold on an editorship on your book.

To be sensible (if possible). "Any undergraduate is eligible to write the history of his, or another class. The aim is to get some ideas that are entirely new, something that has never appeared in the year book before, and if possible in any college annual. The histories must be in on the first day of the new year, January 1, 1912; none which come in after that date will be considered. If the men who are expecting convulsions will talk to the History Editor he will try to explain to them the best methods of treatment."

JOHN RICE BELL DEAD.

Prominent 1911 Man Victim of Fatal Bite by N. J. Dog.

Yesterday evening THE TECH received word of the death in a Perth Amboy, New Jersey, hospital of John Rice Bell, a popular and well-known graduate of the Institute. Course X, in the Class of 1911. Mr. Bell was bitten by a dog while working a fight more than six weeks ago, and he has just succumbed.

Mr. Bell will be mourned by many of the men now in the Institute, for the former Malden High man was very popular among his class mates as well as throughout the Institute. He was on his class relay team and a member of the Art Staff of Technique, 1911. The funeral will be from his late home in Malden this afternoon, afternoon.

UNION DINING ROOM.

(Continued from Page 2, Col. 2.)
The sentiments of the writer of the above letter are surely good, and what he has found in the Union Dining Room are there for any and all men who are willing to take the chance and begin the new year right. Steward Colton is doing his best to give the fellows a square deal, and every one knows what the Bursar is and what he is willing to do when he takes hold of a thing.

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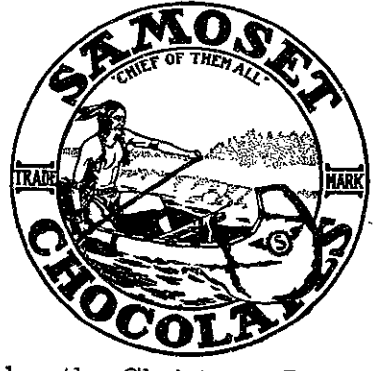
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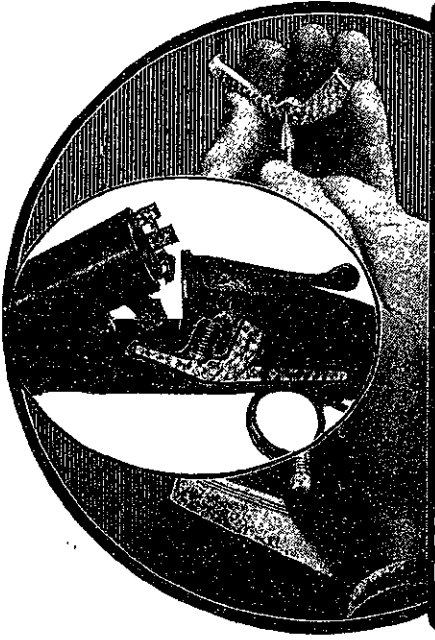
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