

THE TECH

VOL. XXXV. NO. 45

BOSTON, MASS., WEDNESDAY, NOVEMBER 24, 1915

PRICE THREE CENTS

TALK ON SEA SLEDS GIVEN BY MR. HICKMAN

Naval Architects Hear Lecture On Rough Weather Sea Sleds.

At the meeting of the Naval Architectural Society held yesterday Mr. Albert Hickman gave a lecture on the new sea sled or rough weather speed boat. The speaker took the subject up in detail, explaining the design of the sled, its operation and its use. Everything about it is novel in itself, including its hull, its propelling system and its steering gear. The boat gets its name from its resemblance to the ordinary sled and in some respects is not unlike the hydroplane of

(Continued on Page Four)

NEW WRESTLING COACH

Former Penn State Star Now Coaching Technology Varsity.

The appointment of Mr. Levi Lamb as coach of the wrestling team has made the outlook for a winning team much brighter. Mr. Lamb is a graduate of Pennsylvania State College, being a member of the 1915 class. He was a member of the Varsity Wrestling Team for three years, and captain of the team during his last year. He has been defeated only once in collegiate wrestling, and that time by Dorizas, of the University of Pennsylvania, the intercollegiate heavyweight champion.

Not only was Mr. Lamb a wrestler of note, but he was also a member of the Varsity football, basketball, and track teams. At present, besides coaching the Technology Wrestling Team, he holds the position of instructor at the Huntington Y. M. C. A. school. He is coaching the football and basketball teams there.

There are now a hundred and twenty men out for wrestling, of whom ninety are freshmen. From this number the freshmen are expected to turn out a good team. As yet it is too early to predict the chances of either Varsity or freshmen, but chances for good teams appear favorable, according to Captain Loo.

JUNIOR PROM

To date only one nomination for the Junior Prom Committee has been handed in. Nominations will be closed Friday, November 26th, at 4.30 o'clock. Nominations must be turned in at the Cage not later than that time, and must be endorsed by at least ten members of the class. The committee will consist of five members beside E. P. Brooks, chairman. The ballots will be mailed to each member of the class by the first of next week, and votes must be polled on or before the following Friday.

SENIOR DINNER AT THE LENOX

Event To Be Held One Week From Tomorrow Evening —Prominent Speakers And Entertainment

The Senior dinner is to be held at the Hotel Lenox on December 2nd at 6.30 o'clock. Although the cost per plate will be \$1.25, the tickets will be sold for \$1.00, the class paying for the remainder.

The committee say they have the four best speakers in the Institute who will be the feature of the evening's entertainment. The names of these men will be announced in an early issue of The Tech. Rusty White will have charge of the performance and he promises to spring some surprises on the worthy Seniors. The music will be furnished by one

of the prominent orchestras of the city. President Bill Farthing will preside as toastmaster.

Tickets will be on sale tomorrow and may be obtained from the following men: W. J. Farthing, R. H. White, R. Alfaro, H. R. Crowell, C. P. Wallace, C. R. Lord and also at the Cage.

The Senior dinner is an important event in the life of every man at the Institute and all the Seniors should turn out and support it. The committee has done the utmost to give the men the best of everything in the line of entertainment and also promises a fine dinner.

CONCERT TO BE GIVEN AT ROXBURY CHURCH

Combined Musical Clubs To Give Entertainment November 30.

The Musical Clubs are preparing for their next concert which is to be given at the Dudley Street Baptist Church, Tuesday evening, November 30th. This is one of the preliminary concerts in which the club will appear in preparation for the Winter Concert to be held December 17th. A group of Glee Club men are working hard on a skit which will feature the concerts of this season but it is doubtful whether this will be ready for the Dudley Street Church concert.

The Indian War Dance with which the Banjo Club surprised the audience at the Franklin Square House will also feature this concert. This is a dramatic piece of acting by the members of the club and introduces a typical Indian camp-fire scene. The complete concert program is given below:

Skipper Susie Green.....Ramsey
Mandolin Club
Winter Song Foote
Glee Club
Popular Medley.....
Banjo Club
Reading Selected
Howard Mann '17
(Continued on Page Six)

TECHNIQUE TEAM

The following men will report to the Technique training table in the Union Saturday noon: DeBell, Leonard, Farnsworth, Whitney, Hulburd, Cristal, Wood, McGrady, Swan, O'Brien, Farr, Cronin, Battis, and the several assistant art editors.

Secret skull practice and a beastly, bloodless scrimmage will be held in the Technique office Friday afternoon at 5.00 o'clock. Head Coach O. R. Freeman, and the Assistant Coaches Crowell and Loomis, give their final instructions to the varsity; when interviewed yesterday, they refused to divulge anything further than the fact that Technique would play a close-to-the-ground game.

Applications for seat reservations for the Technique bleachers will not be received after Thursday noon. All men in this section are expected to wear red ties as specified on the ticket.

CALENDAR

Wednesday, November 24, 1915.
1.05—Meeting of The Tech News Staff. Lower Office.
4.15—Orchestral Rehearsal. Union.
5.00—1918 and 1919 Business Competitors Meeting in Show Office.
Thursday, November 25, 1915.
Thanksgiving Day Holiday.

SLAUGHTER SATURDAY

Odds of 100 to 1 Will be Offered After the Secret Practice of THE TECH Team This Noon in the Lower Office

The great football battle between THE TECH and the Technique will take place on Saturday next at the Tech field at 2.30. The word "battle" is used merely to excite interest—"slaughter" would be the best description.

As is always the case the Techniquers have been pining for a beating—they found THE TECH willing and eager to take the job of slaughtering and then boxing these Institute nuisances.

But Tech-sniques about in a crafty way, and at the last moment they are likely to object to their complete annihilation. For this reason THE TECH has gathered a staff of experts on both their team and coaching staff which will make any resistance impossible. The team will make the Hawvad eleven look like a schoolboy combination, and the coaching staff is far superior to Haughton's assistants. It is well understood that every man on THE TECH team will make one of the All-American teams.

For the sake of efficiency, officials have been secured who are experienced pall bearers as well as football experts. They have been willing to serve without compensation for the privilege of carrying the Technique coffins to their final resting place, this being considered a deed of true T. C. A. spirit.

The management of THE TECH has arranged for one hundred thousand seats, and every member of the Institute Undergraduate Body and Faculty will be admitted free to the game provided they have paid their Blanket Tax. This great privilege will last only to 2.30 the afternoon of the bloody struggle, for after that time arrangements cannot be made to accommodate the enormous crowds that are certain to storm the gates for admission. Get there early and see the periodical slaughter of the Techniquers!

The officials of the contest will be as follows: the referee is Ping Pong Pung of the International Fatima Coupon Co. Ltd., the Humphigher is G. H. Kimball, the well known chef of the Pirate A. A.! the Hed-Liner is Billious Gray of the 1917 champion footballers; the Extra Official is Jonathan Ritchie of one of Boston's Yellow Transcriptions; the Under-liners will be R. J. Cook for THE TECH and P. C. Leonard for the Technique; the Marshals, Present and Acting will be Stewed Colton of the Famous Trinity Place Restaurant; Bill Fielding, Ink Slinger for all good Technology publications, and Frank Kanaly, Scout for the Technology track teams. Chair Leaders are to be Charles Wheels Loomis for Technique and Artie Raymond Brooks for THE TECH.

The honorary marshals will be Ike Litchfield of the Alumni Association, Eddie Myham, I. W. W. Walsh and W. Jenny Bryan.

THE TECH

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Phone—Back Bay 5527 or 2180.
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WEDNESDAY, NOVEMBER 24, 1915

The fact that of the possible nineteen hundred students registered at the Institute, seventeen hundred DID assemble Monday noon refutes quite flatly the claim that Technology students have little or no interest in undergraduate matters. One thought about the matter that occurs to us is that a very successful and satisfactory result has been achieved, first, by intelligent and complete advertising, and second, by prompt dispatch of the matter at hand.

THE POINT SYSTEM.

While the provisions of the Point System are pretty uniformly observed, instances of men carrying more than ten points for a considerable length of time have been entirely too numerous. The suggested plan of card cataloging the offices which the undergraduates are filling should afford an excellent method of keeping track of overzealous students. The success of the scheme, however, must depend on the active and sympathetic co-operation of the various activities. The underhanded practice of working overpointed men into positions, even though it be only for a short time, with the excuse that they are able to do the work, would shortly destroy the whole fabric of the Point System. The Point System was not instituted to prevent men from hurting themselves by doing too much work, an objection, as a prominent alumnus has pointed out, that might appeal to a fond parent. It was instituted on purely democratic principles—to prevent a few men in the Institute holding all the offices. Institute activities cannot appreciate too fully the responsibility that rests with them in keeping the student life here thoroughly democratic.

FACULTY NOTICE

Freshman English: Mr. Roger's Thursday section will hand in outlines at Rogers 13 on Friday, November 26.

TECH MAN KILLED AT FORE RIVER MISHAP

Barry '15, Killed In Collapse Of Staging In Fore River Construction Work.

Thomas James Barry '15, a graduate of Course IV, Option 2, of the Institute, was killed yesterday morning in an accident at the Fore River shipyard in which another man was also killed and still another fatally injured. The accident was due to the collapse of a staging suspended forty feet in the air which broke without warning.

Barry was employed as foreman by the Aberthaw Construction Company of Boston, which is erecting a plate and angle building for the Fore River Company.

After the mishap, the cause of which has not been determined, Barry, who was internally injured, was removed to the Quincy City Hospital, where he died shortly after his arrival.

Barry had been active in Institute affairs. He came from Dorchester and prepared for Technology at the Mechanic Arts High School. During his Institute career he was on the 1915 class track team and the treasurer and afterwards president of the Architectural Engineering Society. He was a member of the Catholic Club and on the Technique Electoral Committee.



The Worcester Polytechnic Institute has recently received a bequest of over ten thousand dollars, the purpose of which is the endowment of a chair to be known as "The John E. Sinclair Professorship of Mathematics."

Correct time to the hundredth part of a second can now be obtained on the University of California Campus. A Riefler clock, the most accurate time-piece known to science, has been installed in the north side of the western addition of the California observatory. Almost perfect chronological conditions have been provided for the clock, which is sealed up in two air-tight cylinders in an interior room in the basement of the building. Atmospheric conditions in this inner room are kept constant, so that the clock runs perfectly regularly. The air in the cylinders surrounding the timepiece is partially exhausted, permitting final regulation to be made by changing the pressure.

The members of the Boston and Providence chapters of the American Society of Mechanical Engineers conjointly visited Brown University recently to inspect the mechanical engineering laboratories.



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INDOOR TRACK SEASON

The indoor track season will start Monday, November 29, with a meeting. All intending to do track work or interested in any kind of athletics should be present. Further particulars will be published in The Tech on Friday.

SHOW MANAGEMENT

The Tech Show Management will not meet today as previously announced. The business manager of Tech Show wishes to see all Sophomore and freshman competitors for the business end of the show tomorrow afternoon in the Show office between 5.00 and 6.00 o'clock.

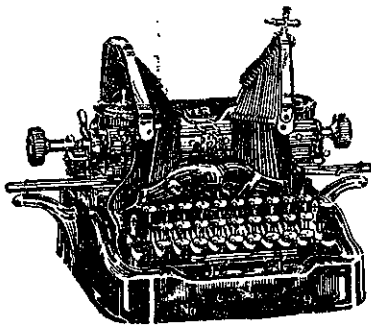
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CATHOLIC CLUB WILL GIVE DANCE FRIDAY

Others Planned For The Future—Club Has Many Members—Officers Elected.

An informal dance will be given under the auspices of the Technology Catholic Club next Friday evening at 8.00 o'clock in St. Cecelia's Hall near St. Cecelia's Church on Belvidere St.

Plans for a series of these informal dances during the coming season are now being considered by a dance committee appointed at the last meeting of the club. If present plans materialize, activities of former years under the club's auspices will be completely eclipsed. Formerly the annual Catholic club ball has been practically the only public affair conducted.

More enthusiasm and interest on the part of the members is being shown this year than ever before, and a good season is looked for. The club now has the largest membership of any Technology social club, and meets the first Wednesday of every month.

The committee in charge of next Friday evening's dance consists of George E. MacLaughlin, Chairman; Arthur R. Brooks, James W. O'Brien, Jr., Charles J. McCarthy and Ralph G. Mahony.

Officers for the club this year are: President, John E. Woods; Vice-president, John J. Hickey; Treasurer, William W. Drummy; Secretary, William P. Ryan; Executive Committee, Charles J. McCarthy, Lee Blodgett, William B. Colleary, and Thomas J. Hughes.

CHESS MEET

First Match Against Boston Chess Club Friday.

Friday evening the Technology chess team will play their first Metropolitan League match at the Boston Chess Club. The latter is considered to be the strongest among the League teams, having come out at the head of last year's games.

The tournament among members of the Chess Club is not advancing very smoothly. In order to facilitate playing and arranging for the games, an informal meeting will be held in the Union Saturday afternoon, when the players may make appointments for the tournament matches. Scores should be placed on the poster in the Union.

TECHNOLOGY PICTURE

Majority Of Students Turn Out On Monday Noon.

An All Technology Photograph was taken last Monday for the first time in the history of the Institute. The large crowd was arranged on Copley Square Green, and the picture was speedily taken. No trouble was given to the photographer, the student officers who handled the men, showing great efficiency. Those desiring a picture may secure one from N. E. Tourtelotte, '17, who will have the proof on exhibition in the Track office next Friday.

SEA SLEDS

(Continued from Page One)

which a great deal is heard during the present time. Nevertheless it differs from the hydroplane in that while running at full speed it throws up practically no spray, a pronounced characteristic as far as boats are concerned. This absence of spray is accomplished by a new type of hull which has for its bottom an inverted V instead of the ordinary V-shaped bottom which is characteristic of the hydroplane. The inverted part is deepest at the bow and the spray which would otherwise be thrown out sideways is forced underneath the boat and is used as a means of assistance in supporting it. The air space in the inverted part also acts as an air cushion which tends to lessen the pounding and also acts as a resistance against the sled capsizing.

Previously any other means of propulsion than the screw propeller would have been considered ridiculous. However, the device adopted on the sea sled has already demonstrated its advantages. The propellers in use on these types of boats are known as surface propellers, some of their advantages being abolition of the unnecessary resistance which under water propellers require, possibility of running the boat in shoal water or weeds with no danger of damage to propeller blades, and the absence of loss of energy in gear boxes or transmission shafts. In addition the boat can be run in half the depth of water required for a hydroplane of similar size and weight, its propellers cannot race if they come out of water in rough weather and there is a marked lack of vibration due to the direct drive from the motor to the propeller which has not yet been perfected in the hydroplane.

The sea sled is steered by means of side plates which are attached to the sides of the craft, slightly forward of the extreme stern. These plates are turned by means of push rods which also help to support them.

FENCING TEAM

The Technology Fencers have not been able to hold a meeting this week as was intended but are to get together next Monday in the Union at 5.00 o'clock. All men interested in fencing are asked to come.

University of Pennsylvania and Bowdoin teams are beginning their practice this week and Harvard, Yale, and Navy have already been at work for some time, so the management of the Institute team is desirous of getting the practice started.

CALL FOR CANDIDATES

All men wishing to try out for baseball manager of the class of 1918 team should hand in their names at the Cage stating what experience they have had in managing a team. Men, who have had no experience but feel that they have some special qualifications for the position should specify what they are in a written statement to be handed in with their names. Candidates should have their names in before next Tuesday, November 30th.

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**SWIMMING TEAM SQUAD
PREPARING FOR MEETS**

**Good Schedule To Be Arranged
—Practice Regularly Held
At Y. M. C. A.**

The Technology Swimming Team has been practicing during the past few weeks at the Boston Y. M. C. A. tank in preparation for the meets arranged. The first meet which is scheduled with Huntington School, will take place at an early date and, although some good material is out for the Institute team, the training for this meet will necessitate hard practice. Meets have been scheduled with Harvard and Andover, both of which were met last year, and other big college meets will probably be held.

The squad has been picked, but those who failed to make the team are asked by Manager Gould to continue to come out for practice. The following men have been retained: Foster, captain; Gould, manager; Bevins, Bolan, Gay, Maloy, Parkinson, Peltier, Peirce, Root, Untersee, and Wales.

Announcement is made that there will be no practice held this afternoon.

RIFLE CLUB

**Indoor Practice To Start This
Friday At South Armory.**

After two weeks of enforced idleness, the Rifle Club will resume its practice indoors at the South Armory on Irvington Street beginning Friday of this week.

Permission has been granted to use the Armory on the three drill days, Tuesday, Wednesday, and Friday. As yet the hours are undecided, but will probably be from four to six o'clock. The practice Friday will be held during those hours.

Only four ranges will be in order this week, so that only members whose names have been posted on the Union bulletin board will be allowed to shoot.

There will be a meeting of the Medal Award Committee in room 11-A Eng. B, Friday at 1.30, followed by a meeting of the Executive Committee in the Union at 5.00 o'clock.

TECH ORCESTRA

The Technology Orchestra will hold its regular rehearsal today at 4.15 o'clock.

The management hopes that in spite of the nearness to the holiday all the men who possibly can will attend this afternoon, as Mr. Howard will commence his coaching.

CONCERT NOTICE

General Manager Ford wishes to inform those members of the Musical Clubs who are selling tickets for the Winter Concert that the price of two dollars printed on the tickets applies to single admissions only. The subscription for two tickets is three and one-half dollars.

**VARIOUS ACTIVITIES
TO BE CATALOGUED**

New Scheme Devised By Institute Committee For Listing Activities.

The Institute Committee has authorized the Point System Committee to issue to every activity in the Institute a blank which is to be filled in with all the offices, the names of the officers, date of appointment and number of points, before Wednesday, December 2nd. From these blanks the Point System Committee will compile a card index of every man in the Institute taking part in activities, giving the offices and the points which he holds. This index will be kept up to date by the activities handing in to the committee notices of new appointments and changes in the officers, etc. In this way a complete list of the points of every man will be obtained. The point system ratings may be found in the Tech Bible.

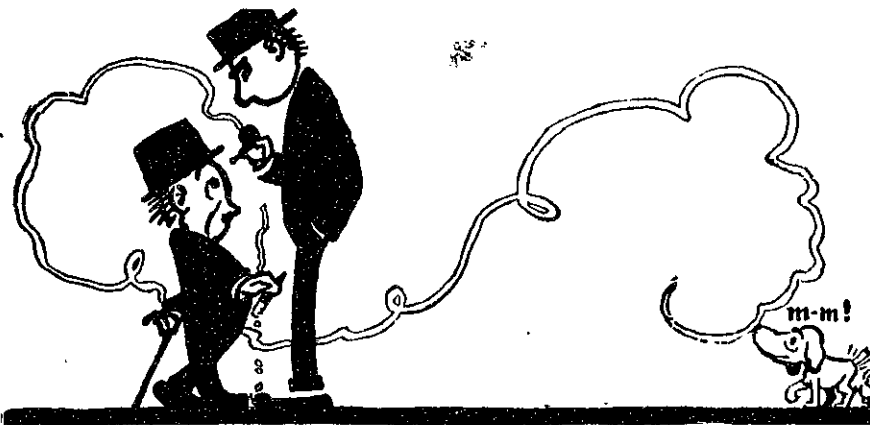
The Committee has not been able to see the proper officer of each activity who is to fill in these blanks. The secretaries of the following activities and the captains of the following teams are to call at the Cage for the blank which bears the name of the activity at the top: Architectural Engineering Society, Biological Society, Blanket Tax Committee, Chemical Society, Chess Club, Chinese Club, Electrical Engineering Society, Gym. Team, Naval Architectural Society, Rifle Club, T. C. A., Track Team, Union Committee, Wireless Society, Wrestling Team.

The proper officers of the activities not listed have been seen and blanks given to them.

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Need a good reliable fountain pen? The Tech has a limited number of Moore's Non-leakable pens to sell. Call at The Tech office at 5 in the evening and learn of our mutual benefit scheme of buying suits, shoes and fountain pens.

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**No, Philburt, I am not a-arguing with you.
I'm just a-telling you**

—when you want a *real* smoke, get behind a pipeful of Tuxedo and watch all the big and little Worries that have been a-besieging you, evacuate their trenches and make a rushin' advance to the rear. Those fragrant whiffs of "Tux" make them feel too joyful—no self-respecting Worry can stand for that.

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Famous green tin with gold lettering, curved to fit pocket 10c
In Tin Humidors, 40c and 80c
In Glass Humidors, 50c and 90c

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 SPECIAL RENTAL RATES TO
 M. I. T. STUDENTS
 Supplies for all machines
 Agents for Blickensderfer Feather-
 weight Machines.

BLICK COMPANY

334 Boylston St., Boston, Mass.
 Bryant & Stratton School Bldg.

MUSICAL CLUBS

(Continued from Page One)

- The Story of a Tack..... Parks
 Glee Club Quartette
- Serenade Widor
 Mandolin Club
- Invictus Huhn
 Edward H. Raymond
- Jubilee Rag
 Mandolin Club Quintette
- Dat Yam Rag Weidt
 Banjo Club
- Bedouin Song Bullard '87
 Glee Club
- The Cardinal and the Grey, Moody '07

TECH VS. TECHNIQUE

Come Early And Avoid The Rush
 —Pay Your Blanket Tax.

Collins & Fairbanks Co.

**Young Men's
 Hats, Coats, Caps, Gloves**

383 Washington St., Boston

**M. E. SOCIETY TO TAKE
 TRIP NEXT SATURDAY**

Will Visit Edison Light Co.
 And Boston Elevated
 Stations.

Saturday the Mechanical Engineer-
 ing Society will take a trip to the
 Edison Electric Light Company and
 the Boston Elevated Railway Stations
 at L Street, South Boston. The dif-
 ferent methods of handling apparatus
 can be examined and the relative ad-
 vantages can be compared.

The men will leave Rogers steps at
 1.45 o'clock. Those wishing to go
 should sign up with E. A. Weissbach
 '16, W. L. Pryor '17, A. P. Dunham
 '17, or J. A. Clark '18.

At the Edison plant there are three
 12,000 K.W. G. E. Curtis vertical tur-
 bines, three 15,000 K.W., and two
 5000 K.W. turbines. The normal out-
 put is 66,000 K.W., and the maximum
 is 115,000 K.W.

At the Elevated plant there are

twenty 600 H.P. Band boilers of 200
 pounds pressure, equipped with Tay-
 lor Stokes, and forced draft boiler
 feed. There are also three 15,000 K.W.
 Curtis Vertical G. E. Direct Current
 Turbine Generators and Terry Tur-
 bines with centrifugal pumps.

LYRIC WRITERS

The first meeting for those inter-
 ested in writing lyrics for Tech Show
 1916 will be held in the Show Office,
 Tuesday afternoon, November 30, at
 5.00 o'clock. In order that the men
 may get an idea of the character of
 the lyrics to be used, portions of the
 books will be read, and the three
 authors will be present to explain de-
 tails and answer questions.

UNION NOTICE

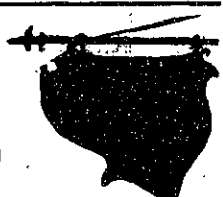
The Union Committee requests that
 all societies send in a list of officers
 for the present year to be placed on
 the Calendar boards.

TECH UNION BARBER SHOP

Located at the
 Hotel Westminster
 Handy to the institute. Up-to-date,
 fashionable hair cutting by skillful bar-
 bers. The best hygienic and most per-
 fectly ventilated shop in the Back Bay.
 THE TECH UNION BARBER SHOP

**ITALIAN
 Restaurant**

TABLE d'HOTE
 DINNER 5 to 8.30
 A LA CARTE



STRICTLY ITALIAN CUISINE

Italian Wines Music

BOYLSTON PLACE

Near Colonial Theatre

**Bowling Headquarters
 For Tech Bowling Leagues**

We solicit the patronage of Tech Stu-
 dents and Alumni. Alleys screened for
 private parties.

Two minutes' walk from all Institute
 Buildings. Come in and enjoy a few
 minutes of healthful recreation before
 meals and between classes.

TRINITY COURT BOWLING ALLEYS

E. B. THRASHER

Proprietor and Manager
 Established 1898. Tel. B. B. 4030

CHEM. SOCIETY TRIP

The second trip to the Watertown
 arsenal will be held next Friday. The
 squad will leave Copley Square at
 1.15 o'clock. Sign-ups must be made
 before 5.00 o'clock today with R. A.
 Miller.

LET US ASSIST YOU TO SELECT YOUR

THANKSGIVING FURNISHINGS

We wish to remind you again that we carry an extensive line of Men's Furnishings, including

**Hats, Caps, Gloves, Shirts, Neckwear
 Hosiery, Underwear, Mufflers and Full Dress Accessories**

A RECENT GRAD.,

JOSEPH M. ISENBERG, S.B., Propr.

M. I. T. 1913

will assure you of prompt attention and satisfaction, and
 will greatly appreciate your patronage

THE BEACON HABERDASHER

331 MASS. AVE., one door from Huntington Ave.

TRY OUR ONE DAY LAUNDRY