

THE TECH

VOL. XXVIII. No. 16

BOSTON, MASS., WEDNESDAY, NOVEMBER 4, 1908

PRICE THREE CENTS

POINT SYSTEM IS NOW LESS STRICT

Those Holding Offices in Class A May Go Out for Athletics

OTHER CHANGES MADE

Institute Committee Revises the Point Rating System at First Meeting

In a report presented by the sub-committee on point rulings to the Institute Committee at its meeting yesterday it was recommended that the members of class A, namely; editor-in-chief of The Tech, editor-in-chief of Technique, general manager of The Tech Show, and president of the senior class, should all be allowed to become candidates for varsity or class athletic teams.

In the original resolutions this provision was made to apply to classes B, C, D, and E, such candidacy being counted as 1, 2, 3, and 4 points respectively, but no mention was made of class A, thus eliminating from athletic competition its four members. This caused much comment and resulted in bringing before the committee on the point system the proposed amendment, which with others was adopted yesterday by the Institute Committee.

Yesterday's meeting was the first since the re-organization of the body following the various classes, and new officers were accordingly elected. James H. Critchett, president of the senior class, was elected president of the new body; Frank D. Stewart, president of 1910, was elected vice-president, and William C. Salisbury, president of 1911, secretary-treasurer.

James I. Finnie 1909, was appointed to the Technology Union Committee to fill the vacancy made by the resignation of Critchett, which was necessary under the rulings of the point system. A suggestion that members of committees appointed, as the Union Committee, be made members of the Institute Committee, but this was given over to a sub-committee on the constitution to report at the next meeting.

Committees were appointed by the chair as follows: Bulletinboard, C. W. Hubbard 1909, D. R. Stevens 1911; Union rooms, L. A. Loomis 1909, R. N. Hoyt 1909, J. M. Fitzwater 1910; revision of constitution, J. H. Critchett 1909, C. J. Belden 1909, J. M. Fitzwater 1910.

The report of the sub-committee on
(Continued on page 2.)

TALK ON COAST CHARTS

Cullimore to Address Civil Engineering Society

A. R. Cullimore 1907, of the civil engineering department, will address the Civil Engineering Society, tomorrow afternoon at 4 o'clock in 11 Eng. B, on the work of the Hydrographic Branch of the United States Coast Survey, with which he has recently been connected.

In this work charts of soundings in the waters along the coast are made and joined to topographic maps of the land for varying distances inshore. This connecting of the safe channels with landmarks is invaluable to navigation and is also important in questions of coast defense. Especial interest is attached to the work because many of the men employed are officers in the navy and the entire division is under navy discipline.

A brief business meeting will be held, at which the names proposed for membership at the last meeting will be voted on and a number of new names will be proposed. Members of the three upper classes in Course I and XI, who desire to join the society may apply to any present member. The dues are 75 cents a year with an initiation fee of \$1.00.

FRESHMEN ELECT KEMP PRESIDENT

English High School Leader Chosen to Head 1912 This Year

MOORE VICE-PRESIDENT

Seelye Retained as Secretary Carpenter Made Treasurer Other Results

Results of the freshman elections were given out yesterday afternoon at the meeting held in Huntington Hall at 1 P. M. Temporary President Follet called the meeting to order and the returns from the elections were read by Woodward of the 1912 Tug-of-War team.

President Kemp then took the chair and introduced the subject of cheering at the field. A motion was passed nominating Woodward, manager of the tug-of-war team, as cheer leader, both at the Field and at the Colonial Theatre. A motion was made that a freshman dinner be held, but it was proposed that the subject of a dinner be held over until a large number of freshmen could be gathered at a class meeting and then to have them decide whether or not there would be a dinner. This last motion was carried unanimously.

The results of the elections are as follows:—President, Donald Kemp; vice-president, E. B. Moore; secretary, Seth M. Seelye; treasurer, Charles H. Carpenter; Institute committee, Albert G. Gale, Arthur Campbell; Athletic Association, Seth H. Seelye, Harvey Benson, J. Taylor, Joseph Boyer, E. A. Eicher; Executive committee, W. M. Ruby, L. S. Hooper.

President Kemp is from English High School and was president of his class in 1908 and 1909. He was a major in the school battalion and has just been elected to the Union committee.

Vice-President E. B. Moore of Chauncey Hall School was president of his class in Chauncey Hall, and is a member of the 1912 theatre committee.

Seth H. Seelye of Andover Academy was elected from the position of temporary secretary to the position of the regular class secretary.

Charles H. Carpenter of Newton High School was elected treasurer. Carpenter has made a special success of collecting the class dues and is an excellent man for the position.

The men elected to the Institute committee are, Albert G. Gale of Gloucester High School, manager of the 1912 football team; and Arthur Campbell of Somerville High School.

The Athletic Association is made up of the men who have made the 1912 teams. The elections to this committee are, Seth H. Seelye, of Andover; Harvey Benson, manager of the 1912 relay; J. I. Taylor of Somerville High School, member of the 1912 track team; Joseph Boyer, and E. A. Eicher, of Andover Academy, the crack quarterback of the 1912 football team.

The executive committee elections are W. M. Ruby, of Exeter Academy, and L. S. Hooper, of Stone School. Hooper is an all-round athlete who has played football and baseball at Stone School, and is the center on the 1912 team.

REV. STOCKDALE TALKS

Rev. Allen A. Stockdale of Union Congregational Church will talk to the fellows in the Union Sunday evening at 6:45 P. M. At his invitation a number of Tech men enjoyed an "At Home," Given in Union Church to the students of Boston. Mr. Stockdale is at present chaplain of one of the larger colleges in the city and knows how to hold the interest of students with a good sound talk. He wants to make Union Church a real church for students and says he appreciates the privilege of meeting Tech men.

INSTITUTE ALUMNUS WILL EXPLAIN GOVERNOR OF STATE

Eben S. Draper Old Student and Present Member of Corporation

HIS RISE IN POLITICS

Steady Advance in Service of his Party Since 1892—Business and Social Work

With the election of Eben S. Draper 1878, to the office of governor of the Commonwealth of Massachusetts a Technology alumnus has received the greatest honor that the state can give to one of its citizens. Mr. Draper, besides attending the Institute as a student in his youth, has in recent years resumed his connection with it as a member of the Corporation.



Eben S. Draper

His career is an excellent example of the adaptability of Technology training to different and apparently unrelated occupations. After leaving the Institute he went into his father's machine shops and cotton mills, and was later admitted to the firm of George Draper & Sons. In 1896 when this firm was reorganized into the Draper Company, he became its selling agent. He is also a member of the corporations of the Peter Bent Brigham Hospital and the Milford Hospital, and a director in many business enterprises.

Up to the time of his nomination for governor, Mr. Draper had held many political positions. In 1812 he served as chairman of the Republican state committee, and in 1896 he was chairman of the Massachusetts delegation to the Republican national convention and as such was instrumental in securing the passage of the gold standard resolution. In 1900 he was presidential elector in the 11th district. His first election to the lieutenant-governorship of the state was in 1905. During the last year or two, the duties of the position included most of those of the governor, on account of the illness of Governor Guild, so that Mr. Draper may be said to have been elected definitely on the strength of his record.

LAST CALL FOR SEATS

Preliminary tickets for Field Day night must be exchanged for regular tickets at the Union today or tomorrow, between 12 and 2 P. M.

In no case will preliminary tickets be exchanged at the theatre. If you have not already exchanged your preliminary tickets please do so at once.

WILL EXPLAIN ROTARY ENGINE

J. H. Harriman to Describe Invention to Mechanical Engineers

DREAM OF INVENTORS

Overcomes Inefficiencies of the Reciprocating Type and Turbine

A practical rotary steam engine, the machine that has baffled inventors since the time of James Watt, will be discussed by the inventor, J. Emery Harriman, Jr., a Boston civil and consulting engineer, at the meeting of the Mechanical Engineering Society, Tuesday November 10, at the Union.

It is also very likely that he will also say something of his work in the investigation of aerial navigation, which finally led to his study of a very compact and efficient source of power.

Mr. Harriman claims to have overcome the most important defects of the old reciprocating form of engine, namely, friction within the cylinders and leakage of steam.

After five years of labor he has at last devised an engine with many original features that is now being tested in the Institute laboratories. At the talk he will exhibit a full sized model showing the interior workings of the machine. Also lantern slides will be shown prepared from photographs and plans. Mr. Harriman will give the details and results of the tests that have so far been made.

"Generations of engineers have realized that the rotary engine, if it could be made efficient, was the ideal engine," says the inventor. "Over the turbine, operated by the force of impact of steam, the rotary has very great advantages, not the least of which are its economy of power and its ability to start with instant force and stop instantly."

"With the old-fashioned reciprocating engine the rotary can compete unquestionably. It has the advantage of economy of space and in construction, and of utilizing the force of momentum. Horse power for horse power, the rotary can be built for about three-quarters of the cost of the reciprocating engine."

The question of the lightest possible motive power was but one part of Mr. Harriman's investigations.

Along with his consideration of the question of the lightest possible motive power, Mr. Harriman has kept up his interest in aerial flight in general. Although he has not done any actual experimentation, he has kept up with the work of others and had drawn up various schemes that have every promise of being successful.

In the Transcript, he has published a resume of the work so far accomplished together with the description of could alone be commercially attained.

(Continued on page 3.)

CALENDAR

WEDNESDAY, NOVEMBER 4.

GYM LOCKERS—Men having options on Gym lockers must settle at the Bursar's office for them before Field Day or the lockers will be let to others.

WEDNESDAY, NOVEMBER 4.

4:00 P. M.—Tech Show Board meeting at the Union.

THURSDAY, NOVEMBER 5.

4:00 P. M.—Civil Engineering Society meeting in 11 Eng. B.

7:00 P. M.—1909 Class dinner at the Union.

FRIDAY, NOVEMBER 6.

2:00 P. M.—Finish of Tech-Harvard race at the Field.

2:15 P. M.—Field Day contests begin at the Field.

8:00 P. M.—Tech Night at the Colonial Theatre.