All Sports Day and East Campus Field Day Will Highlight JP Weekend; Athletic Association Rejects Q-Club FD Plan

Rivalry Reigns Supreme As East Campus Frosh Clash With Sophs

Confusion will reign on East Campus tomorrow as freshmen and sophomores vie for supremacy in a variety of events. The pageant of hexagon will include tag-of-war, the annual glove fight—participants must supply their own axe-glove—and the announcement of the winner of the Purple Shaft.

The Craftsman-1957, this year marks the first Field Day programmed solely by East Campus. It also marks the first failure of the entire student body to present a field day. When the Institute announced the substitution of an All-Sports Day, it seemed as if the tradition of a non-academic Armageddon had ended.

Victor Responsible

But on Tuesday of October 30th, East Campus freshmen and sophomores alike were surprised to find a vegetable issue of the East Campus Victory JFactory a short time after the announcement of Victor's surprise move.

The young man, it was discovered, had made a quick return to his dormitory.

Field Day? Several

The controversy of the traditional Field Day continues as November 1st approaches. The Office will issue, Wednesday, its statement, to wit:

"All classes will be suspended for a four day period as East Campus residents, reading a statement on the Institute's bulletin board, will withdraw from the Institute as an administrative entity until the end of the Field Day period. As the legitimate successor of 'Field Day' is the Legal Successor to the Institute, the Dormcon will be made up of the entire student body.

The discussions are pending a resolution of the issue of Field Day by the Dormcon. As the issue is not a minor point, the All-Sports Day is eliminated; the Institute has no choice but to be content with the present situation."

Open House Issue Can Be Solved: Dormcon Talks With Dean Fassett

Dormcon Council not Monday night to discuss the problem of Open Hours. Dean Fassett was present to answer questions, but illness prevented Dean Ball from attending.

Little additional information concerning the problem came out of the meeting as reported by Bob Hecht, chairman of Dormcon. Since the deans, the Administration, and the Corporation Committee each represent independent units in the Institute and the issue is not a minor one, the problem of open houses will be handled by the House Committee and the Dormcon Committee.

The activities will be scored on a point basis. There will be two principal events: one a test of two or three tag-of-war, four points for the team; the other, four points for the glove fight, 2 for the most winners, and 1 for the cheaters.

John Q. '59 Begins JP Weekend; Drinking, Dancing Head Events

Suggestion by Dean Fassett that the Institute make a statement on the issue of Field Day was the most noteworthy thing to come of the Dormcon meeting. He said that if the Institute administration would make a statement on the issue, the Dormcon and the Administration would be able to work out a solution to the problem.

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Field Day

Page one there is an article on tomorrow's East Campus Field Day. There is also an article on All Tech Sports Day. The terms, "East Campus," and "All Tech," are interesting in their use here.

The Board of Directors of The Tech takes pleasure in announcing the appointment of W. F. Packer to the Board as Sports Director. Mr. Packer will be succeeded as Associate News Director by Glen W. Zeiders. The Board also reports the resignation of Patrick J. McGovern from the position of Sports Director.

letters

To the Editor, The Tech:

The circumstances of the past few months regarding the question of Field Day compel us as the executive committee of the Class of 1960 to act forthwith in the best interests of the student body. We do, however, feel that the interests of the student body cannot exist without hazing.

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J. Sullivan Petitions For Industrial Zoning Of Charles River Bottom

John Britton Sullivan, local real estate man, vice chairman of the Cambridge School Committee, and holder of a $600 option to buy 24 acres of the Charles River bottom, petitioned the Cambridge City Council on Sept. 25 to place that area in a business zone. Sullivan plans to construct a $100,000 building establishment on the site, which extends from the Longfellow Bridge up Memorial Drive to Ames Street.

No Recommendation Made

The Planning Board declined to make a definite recommendation in the case. Jose Luis Sert, Chairman of the Planning Board, said the Board had received letters from Joseph H. Elee, Jr., assistant attorney general, and City Solicitor Richard D. Gerald which "put in question the Board's authority to act on this matter." In a report which he submitted to the city council on Monday, October 21, Sert stated, "In view of the many complicated legal questions involving the title of the property and the rights of use thereon, the board feels that it is not in a position at this time to make a recommendation on an amendment to the Zoning Ordinance." Mr. Sert added that, "The Planning Board would like to point out, however, that insofar as overall city planning considerations are involved, it regards the maintenance of the present Charles River Basin to be of substantial fiscal and economic value to the City of Cambridge, and that control of the area for the benefit of the public by the Metropolitan District Commission should be continued."

Tests Citizens' Feelings

Sullivan filed an appeal on Oct. 21 for a public hearing to determine the citizens' feelings on the issue. This meeting will be held on November 18.

Dean Holden Heads MIT United Fund; TCA Drive Follows

The first Greater Boston United Fund Appeal is campaigning now on the MIT Campus, with Dean Robert Holden acting as chairman for the drive. The United Fund which includes the Boston Community Chest, the Salvation Army, Red Cross, U4O, and medical foundations, will try to raise as in its tenth million dollars. The present appeal, directed to MIT faculty, administration, and employees, will seek to better the $80,000 mark set in last year's Community Chest Campaign.

TCA Charities Drive Soon

Later this term, TCA will run its annual Charities Chest, soliciting student contributions for local charities such as the United Fund and the Jimmy Fund, as well as for national foundations and international groups. Last year, the TCA Chest raised a total of $216,000. By a concentrated program of student representatives campaigning in each of the living groups, TCA hopes to rate each student's average contribution to one dollar for a total double that of last year.

Prof. Cohen Reports

On Trip To Russia; Sees Great Advances

Just returned from a trip to Russia, Professor Marvin Cohen, S.B., Professor of Physical Metallurgy at MIT, reports some of his impressions of Soviet structures and society.

Soviet Science Influential

In Russia, men of science are influential. In many cases it is the scientist who occupies a highly coveted position. Economic and military planning and, consequently, political developments depend heavily on scientific advice.

The scientist or engineer—there is no distinction made between the two—is also the director of industry. In some cases this puts one man in charge of an entire complex, often providing for the workers as well as maintaining the industry.

The Russian has a publishing scientific material at a terrific rate. This includes numerous textbooks for which the authors are paid enormous royalties. Unfortunately because of the language barrier we are unaware of many important developments. Russia has the capacity to make remarkable progress, e.g., Spain.

A Backward Country

Russia is no longer a backward country. If they don't have a good soup (they don't), it is not because they don't know how to make it. All their small towns have their models of a decade ago. This is because they have been concentrating on trucks, and we doubt when they feel they have enough trucks, more and newer cars will appear. Everything is planned, however, production is favored over profit. Whom they import to make remarkable progress; e.g., Spain.

The Russian's feeling of pride in his country is growing. He can see his own contributions to the world, including his own accomplishments. The atmosphere is relaxed in some ways; shops are beginning to carry perfume; women are seen wearing lipstick, even putting it on in public. Scientific cooperation efforts hopeful since science knows no political boundaries. At present they are feeling us out, and we are doing the same.

(Continued on page 6)
New Longfellow Bridge Underpass Will Test Novel Design Principles

Traffic congestion on Memorial Drive will soon be alleviated by the Longfellow Bridge underpass construction project, begun in October, 1956, and now 80 per cent completed. The new roadway, at an estimated cost of $2,890,262, will offset several changes in the traffic pattern between Wadsworth Ave. and the intersection of First Street and Commercial Ave., which are the project's boundaries.

The new underpass, which formerly carried two-way traffic and offered an obstruction to large vehicles due to its eleven-foot overhead clearance, has been lowered three additional feet and will now carry only northbound traffic. The new northbound lane will also pass fourteen feet beneath the bridge, and will border the river for a considerable distance, as it is supported by pilings driven into the river bed. This length of pavement, which runs the full 2700 foot length of the project, contains a new type of prestressed concrete and steel girders as its longitudinal supports.

New Ideas Used

As described by Charles Parrish, an M.D.C. resident engineer at the project, these new prestressed beams are sixty feet long, three feet two inches high, and contain forty-five steel cables, stretched to produce a pressure of 14,000 pounds per square inch within the beam. These beams, being used for the first time in any M.D.C. project, are relatively low in initial cost and are expected to require less maintenance near the water than conventional steel beams.

Another novel structural feature of the project are the pilings which support the northbound pavement. These are made of concrete-filled steel pipe, with a ten and three-fourths inch outside diameter, and have an eight-foot tapered point of reinforced concrete. These are driven, Mr. Parrish says, through the clay river bed into the gravel strata beneath. The large rectangular blocks which were parked on trucks at the end of Ames St. near Walker Memorial at the close of last term were weights used to load-test these pilings, said Parrish. The project is scheduled for completion on January 31, 1958.

Springfield's Varsity Soccer Team Downs MIT To End Skein

Ousticted and humiliated by injuries to three starting forwards, MIT's hitherto undefeated varsity soccer team had its four game winning streak snapped as they were defeated by Springfield 4-1 last Wednesday at the victors' field.

The Engineers' forward line casualties were Kenneth DaCol '60, inside right, who suffered from a recurring charley horse; Peter Villalvocesio '60, the Beavers' regular center forward, who had his legs stiffen up during the three hour ride, and inside left Manny d'Alena '60, who played most of the game despite a sprained knee.

The home team's center forward booted in three goals in the second period, and a penalty shot in the fourth. The third quarter witnessed the best play of the Tomhens as they outdistanced their opponents and talked when Dennis Blandin the ball into the Springfield goal from directly in front.

FANCY THAT! Budweiser lists its ingredients right on the label. Do you know of any other beer that does?
I-III orders of the cross country team. sill be regular sprinters, Others mem-

The feature race on the schedule will be out for a decisive victory in this game. With wins over Harvard, Tufts and W.P.I. under their belts, the MIT team was beaten by Springfield. The booters were undefeated until Wednesday night, when a weakened squad test since Frank Dubois became head

Along standing out on the team are: Captain Bob Brandt '57 at left full- back, Andrews Villa '90 at the half- back, and forward Ronen Schulte. D'Antoni '58, Bill O'Neil '60, Jack Scalese '60, Mara el Pena '60, and Birman Marcha '60.

Coach Efficiency At least part of the credit for the team must go to coach Charlie But- ternam, who seems to have the ability to get the most out of his players much of the time.

SCHOLL REGATTA

At 3:15, the sound of the starting gun will send boats from eleven col- lege away in pursuit of the Irving H. Shaw Trophy, emblematic of the Fall International Invitational Sailing re-

In addition their time will be without receive-

In last season's contest, the Engi-

In the sport of sailing, a boat can be exactly determined by the boat's type, height, and speed. The boat's type and height can be measured by the boat's length and the height of the sail. The speed of the boat can be determined by the boat's speedometer or the boat's speed in knots. The boat's speedometer is a device that measures the speed of the boat in knots. The boat's length can be measured by the boat's length in feet. The boat's height can be measured by the boat's height in feet.

A large number of men are also interested in the sport of sailing. These men are often referred to as sailors. The sailors are often organized into sailing clubs. Sailing clubs are organizations that provide equipment, instruction, and support for members who are interested in the sport of sailing. Sailing clubs often have rules and regulations that govern the conduct of the members. The rules and regulations of sailing clubs are often enforced by the club's president or another member of the club's leadership.

Strong Soccer Squad Faces USC

The Tech's most promising team so far this year is without a doubt soccer. The booters were undefeated until Wednesday night, when a weakened squad was beaten by Springfield. At 11:30 the soccer squad will face Coast Guard Academy on Briggs field. With wins over Harvard, Tufts and W.P.I. under their belts, the MIT team will probably lead the all stars to rely on a running attack. This is not a surprise to the Tech, who are leading the versatile S.A.E. offense from making it twenty-six straight.

The defense is consistently for:

ATTENTION FROSH CAGERS

First practice and rally today. Friday, November 1, at the Wellness Memorial at 3:15 pm.

ATTENTION SPORTS WRITERS

Prediction: SAE 13, All Stars 7.
Let’s discuss CAREERS (not jobs) in Guided Missiles

NOVEMBER 8

If you’re interested in guided missiles (and you should be, because it’s the fastest growing engineering field today!), you’ll be wise to talk to Bendix. As prime contractor for the vital Talos Missile, Bendix is big business. If you work for Bendix Guided Missiles, you work with the top men in the field, using facilities and equipment that are virtually unmatched. The future of Talos is one of ever-increasing research, development and test programs. That means you’ll grow, too, just as fast as your talent and ambition will let you. Interested? Then, we’d like to talk to you. Make your appointment now.

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