

The Tech



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5 CENTS

Freshman And Sophomore Classes Tangle For First Time; 100 Pants Fly At East Campus, Soph Lytle Travels To RPI Pre-Field Day Rivalry In Past Style Flares



Pants fly at East Campus after Saturday night raid on the freshman class. (Additional pictures on page 3)

Lytle Tells Of Weekend At RPI—Result Of Frosh Engineered Switch

Dennis Lytle, Vice President of the Sophomore class, returned Sunday morning, from a pleasant weekend at Rensselaer Polytech in Troy, N. Y. This was the result of a freshman stunt, carried on in cooperation with some members of the class of 1960 at RPI.

Here is Lytle's story: "About 5:30 Friday afternoon, I received a phone call from a fellow in Burton House who said that his faculty resident had suggested that a group of frosh get together and talk with the leaders of the school. After questioning him quite thoroughly, I decided the thing might be the level and told him I'd be there. For safety's sake, however, I took six of my sophomore fraternity brothers along.

"Upon arrival at Burton, I was escorted to a TV room in the basement—hosts were rather surprised to see my escorts—but when I saw no faculty resident in the room I asked if it would be OK if they came in. It was. There were about 50 freshmen in the room, they started by asking general questions, and finally got around to hazing. I

ass they figured there weren't enough of them to take the seven of them and finally one of them explained the real reason they had called me.

He said that for a week they had been planning with RPI frosh to exchange officers of the respective sophomore classes. He said that the frosh at the other institution had captured their soph president, Dave Lord, and he was being shipped down here. Finally he asked me if I would go

(Continued on page 5)

Freshman Visits Brown

A Burton House resident, one of the four freshmen who were the key planners of the MIT-RPI "student exchange", was driven to Brown University early Saturday morning by six sophomores.

The freshman arrived in Providence, Rhode Island between two and three a.m. and was left in a fraternity house where, reportedly, a party with considerable drinking, was in progress.

Over one hundred East Campus freshman residents were painted, de-pantsed, or both as a band of seventeen sophomores entered their rooms early Sunday morning. At daylight, Sunday morning, the freshman pants were seen hanging on a line suspended between the Parallels. Since then, they have been turned over to the Women's Dormitory at 120 Bay State Road where they may be claimed by the freshmen.

The raid is believed to be in retaliation for the freshmen's sending a sophomore class officer to RPI last Friday. Dennis Lytle, vice-president of the Class of '59, participated in a sort of student exchange plan with RPI, with Lytle going to RPI last week-end and the Rensselaer sophomore president coming to MIT. The whole thing was the idea of a group of freshmen at each school. The RPI frosh kidnapped their man, but the MIT group, fearing future disciplinary action, convinced Lytle to make the trip of his own free will.

One of the planners of the Lytle junket, a Burton House resident, was reported taken to Brown University, in Providence, by sophomores early Saturday morning.

These actions, and other similar ones which have been reported, must be considered in the light of an Institute Committee resolution last spring banning hazing. Those responsible with enforcing this resolution have not been able to state definitely how they will do this.

For the details on hazing on the MIT campus, see below.

UAP Jones' Policy: Hazing - 'Go Quietly'

Several incidents in the last few days have pointed toward the resolution adopted by the Institute Committee last March. This resolution states:

"Whereas hazing activities have demonstrated that they neither contribute to the spirit of the educational community nor further the maturity of the MIT student.

"Whereas hazing activities tend to produce property damages and undue hazards to individual students participating.

"Whereas hazing activities do not reflect properly on the reputation of MIT and its student body.

"Therefore the Institute Committee resolves:

"1. That all pre-Field Day hazing be eliminated.

"2. That Field Day remain as an interclass athletic contest and that the Athletic Association work in coordination with the Junior Prom Committee to study the future emphasis of Field Day.

"3. That the Q Club study its purposes and functions and report to Institute Committee with conclusions as to its future.

"4. That the Executive Committee of Institute Committee study ways to foster school spirit."

Mal Jones, president of the Under- (Continued on page 8)

100 Frosh Lose Pants At EC

"I was sleeping peacefully about 4 o'clock in the morning when suddenly I was awakened and found myself surrounded by about ten or twelve guys. As I was rather sleepy and could see no point in retaliating against so many guys, I just laid there peacefully. They then proceeded to paint a large '59 on my forehead with some kind of blue liquid."

This is a typical statement of one of the freshmen on East Campus living in the parallels. It appears that several sophomores banded together and painted large '59's on all the freshmen's foreheads. Any who had pants or pajamas on didn't keep them

for long as the sophomores also decided to collect a few souvenirs. The more stubborn freshmen had to be brought from their rooms with tear gas since the telephone lines started buzzing around 3 a.m. as freshmen tried to warn their friends of the coming attack.

One freshman said, "I heard whistles blowing and heard orders being shouted." Another said, "At first I thought it was a fire, but later I discovered, too late, what was going on. I lost my pajamas and haven't gotten them back yet. I was told to go to 120 Bay State Road, if I wanted them, (Continued on page 3)

Junior Prom Line Lasts 36 Hours; Queen Contest To Open Tomorrow

Five grimly determined Tech men solemnly marched into the lobby of building ten at 1:30 a.m. Wednesday morning and the infamous J.P. line started to fill its ranks. These men were joined by approximately 50 others before 9:00 who quickly bought their options and raced over to Rockwell Cage to sign up for preference in choice of tables. Later, the less ambitious started to join the ranks of idle who would cool their heels for 24 hours, when the choice of tables would be determined.

The J.P. line provided what is left of MIT local color. Several "linemen" associated themselves with controversial banner bearing groups, such as the "Stevenson Supporters" and the "Good Republicans", however, no rash political debate ensued. Bridge games lasted as long as 15 hours, football games alleviated some of the boredom, bull sessions broke out spontaneously, and sleep proved to be the most effective time consumer. Two fraternities, after waiting hours in line, lost their positions, as they had dormitory and not fraternity options. Tempers flared and the morality of the "Big Seize" is still debated as the fraternities claimed they had rightfully bought the options from the Dorm men.

So far 515 tickets at \$8.25 have been sold. In order to justify the \$5300 budget, 600 tickets must be sold. If the demand is high enough 164 tickets for the Georgian Room, which is apart from the other ballrooms and balls, will be sold at \$7.00.

For Saturday night's escapade 70 tickets out of 240 remain to be sold. Delta Upsilon is high purchaser having obtained 40 Friday night tickets. Sigma Chi and Phi Delta Theta bought no tickets for the first time.

The low sales at this time might be due to the fact that some feel the evening is not worth all the waiting in line. However, there are those who feel that the J.P. line is a great time to socialize, meet classmates, and be a part of MIT's tradition.

It might be noted that nominations for J.P. Queen will commence next Wednesday and will continue for one week. Five girls will be then chosen from those nominated, to be presented to a committee composed of J.P. and P.R.C. members the day before the prom. The name of the queen will be disclosed Saturday night.

East Campus's Talbot Lounge Guttled By Morning Blaze Smouldering Cigarette Believed Cause Of \$10,000 Loss

Residents of the Munroe-Haydenwood unit in East Campus were awakened in the early hours of the morning of Friday, the 12th by the screaming of fire engine sirens.

Cigarette Suspected Cause

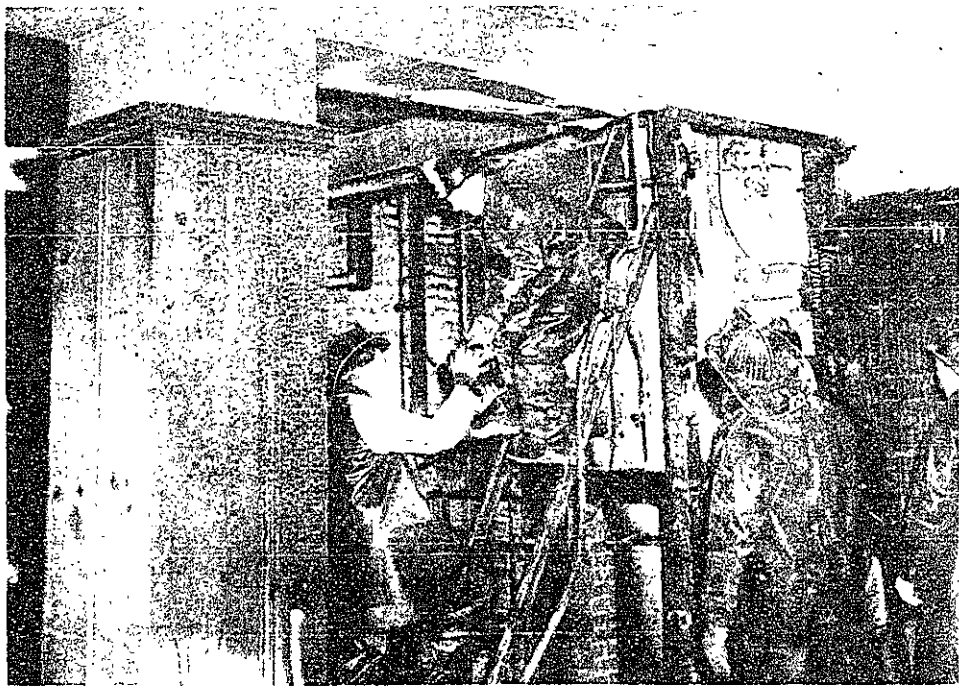
At 8 p.m. the night before, a chair caught fire in Talbot Lounge, probably because someone left a smouldering cigarette in the chair. Water was poured on the chair, but the fire was not completely extinguished because at about 11 a.m. on the following morning, Martin Birnby, who was on duty at the East Campus desk, smelled smoke; when he opened the door of the lounge he saw the place blazing. Fire engines were called and the residents were awakened. The fire was soon under control but the lounge was ruined. The whole of Munroe, up to the fifth floor, was thick with smoke.

Lounge Recently Redecorated

Talbot Lounge had just been redecorated this summer. Mr. R. Colin Maclaurin, director of general services, said that he had no idea how much time or money would be required before the lounge could be opened to East Campus residents. The panelling had been burnt, he said, and the architects might decide not to put in any panels. The architects have not yet been called in. Other sources mentioned that the damage was about \$10,000. The building is insured.

False Alarm

There were false fire alarms at Burton House on the 2nd of this month, and at Walker on Saturday, the 13th about an hour before the Chandler-MIT dance was about to begin. A resident of Burton said, "The trouble was due to an overloaded incinerator . . . we have a fire alarm about once every three days."



The Tech



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EDITORIALS

All Sound And Fury . . .

The administration dealt one of its most cherished and most publicized illusions a hard blow last term and the after effects may prove fatal. When the lame duck 55-56 Institute Committee whipped through a hasty and questionably motivated motion banning freshman-sophomore rivalry and the President's office followed with widely distributed loud and ostentatious praise, the one-two combination looked very much like a fix. Still anxious to go on playing the game, the new Executive Committee wisely decided to let the matter and the rivalry die quietly. Unfortunately, it would seem that a large group of spirited underclassmen are unwilling. With the weekend's round of festivities, Institute Committee and the administration are in a slightly different sort of fix. If they crack down hard together, in the face of what looks like general opposition, they will succeed in putting the illusion of autonomous, responsible student government very much on the ropes—where it belongs. This looks like one ruling better enforced in the breach.

the college world

The Harvard *Crimson* reports a catastrophe! "Students forbidden to compete in Crime's Miss Cliffe contest! The last Miss Radcliffe has reigned over the Harvard scene. Acting on the recommendations of the Radcliffe Student Council and the Board of Deans, President Wilbur K. Jordan has forbidden any 'Cliffe student to participate in the traditional Miss Radcliffe Contest'."

"In a letter sent to each member of the 'Cliffe Class of '60, the contest was described as 'inconsistent with Radcliffe's pride in the individuality and diversity of its students' as the 'purpose of this contest seemed to be to find a 'typical' Radcliffe freshman.' The *Crimson*, however, had not the slightest intention of finding the 'typical' Radcliffe freshmen. The winning contestant, indeed, was inevitably quite delightfully unlike the vast majority of her classmates. And to be sure, the qualifications of Miss Radcliffe are given a more careful and professional scrutiny than the president of Radcliffe who wrote the letter."

Take heart Tech men! Indications show that this abhorrence of the Radcliffe girl to the *Crime* contest isn't an abhorrence to beauty contests as such, but it is really the first step in the great trend of the Radcliffe girl away from the Harvard man toward that stalwart hunk of manhood—the Tech man. The first manifestation of this wise movement of Radcliffe is a letter published in the *Crime*.

"To the Editors of the *Crimson*:
 "This is to thank whom it may concern for the H-R Mixer. I enjoyed it immensely and love all Harvard men dearly—especially the drunken football player who thickly asks you 'Ain't they got no rock and roll in this here town?'; the prep school boy who arrives with more money than manners and will no doubt leave with more of the former and even less of the latter; the Big Man from Texas who tells you how to remember his name by shorting it to A. Wolf, and then with a gleam in his eye, continues the impression by drawing, 'Where I come from a guy's a guy and a girl's a girl'; the typical ivy league character who came to Harvard to raise hell even as his grandfather Cabot before him; the intellectual who studies you as you dance and looks as if he eats T. S. Eliot for breakfast and makes you feel some odd sensation akin to indigestion in your intellectual stomach simply because you've been eating lollipops all your life. The evening is made complete by a Junior from M.I.T. who climbed in the window and is—sad to say—normal. I mean of course, in comparison.

"I thank you for the Mixer. It was lovely. I regret to say, however, I felt like an olive in a cocktail shaker. I am, in fact, thoroughly 'shook up' and will probably hate all men for the rest of my life and get a complex on top of it all. Thank you again."

We await you, Radcliffe.

CALENDAR OF EVENTS

WEDNESDAY, OCTOBER 17

Organ Demonstration. Part III: String Stops. Feature work: Prelude and Fugue in G minor by Marcel Dupre. Mr. David C. Johnson, MIT organist.

KRESGE AUDITORIUM, 12:10-12:40 p.m.
 Operations Research Seminar. "Linear Programming"—Part IV. Professor Dean N. Arden, Electrical Engineering Department. ROOM 6-120, 3:00 p.m.
 Freshman Soccer Team. Game with Phillips Academy, Andover. BRIGGS FIELD, 4:00 p.m.

Biology Department—Biochemistry Division. Harvard-MIT Biochemistry Colloquium: "Further Isotopic Exploration of Carbohydrate Metabolism in Liver." Dr. A. Baird Hastings, Department of Biological Chemistry, Harvard Medical School. Tea will be served at 4:30 p.m. in Room 16-711.

Catholic Club. Business meeting and elections. ROOM 16-310, 5:00 p.m.

Christian Seminar Committee. Lecture: "My Method and Experience in Dealing with the Problem of World Literacy." Dr. Frank Laubach, author and lecturer. Open to the public.

LITTLE THEATRE, KRESGE AUDITORIUM, 5 p.m.
 MIT Graduate House. First Graduate House Dinner Meeting. Address: "A Report on the State of the Institute," by Dr. James R. Killian, Jr., President. Dinner reservations (at \$1.50) are due at the Graduate House desk by 1:00 p.m. Reception will be held at 5:45 p.m. All graduate students are invited.

CAMPUS ROOM, GRADUATE HOUSE, 6:00 p.m.
 Chemistry Department. Harvard-MIT Chemistry Colloquium: "The Study of Ionization Kinetics in Shock Tubes." Dr. Warren Kantrowitz, Avco Manufacturing Company. ROOM 6-120, 8:00 p.m.

MIT Baton Society. Violin Recital. Leopold Avakian, violinist, with David Garvey, accompanist, will present works by Vivaldi, Mozart, Brahms, Debussy, Hovhannes, Sarasate, De Falla, and Wieniawski. Tickets at \$1.50 (reserved), \$1.00 (unreserved), and \$.50 (student tickets, unreserved) are on sale in Building 10 from 11:00 a.m.-1:00 p.m.

KRESGE AUDITORIUM, 8:30 p.m.

THURSDAY, OCTOBER 18

Physics Department. Colloquium: "Concepts and Limits of Quantum Electrodynamics." Dr. Walter Thirring, Visiting Professor of Physics.

ROOM 6-321, 4:00 p.m.
 Mathematics Department. Harvard-MIT Joint Mathematics Colloquium: "Some Applications of Pseudo-analytic Functions." Professor Lipman Bers of the Institute of Mathematical Sciences at New York University. Tea will be served in Room 2-290 at 4:00 p.m.

ROOM 2-390, 4:30 p.m.
 Graduate Catholic Club. Meeting for new members. Open to all interested staff and students. Refreshments will be served.

WEST DINING HALL, GRAD. HOUSE, 7:30 p.m.

FRIDAY, OCTOBER 19

Mechanical Engineering Department. Seminar: "Heat Transfer in Internal Combustion Engines." Professor C. F. Taylor, Mechanical Engineering Department. Coffee will be served in Room 3-174 from 3:00-3:30 p.m.

ROOM 3-270, 3:30 p.m.
 Lecture Series Committee. Film: "Red Shoes" (in color). Admission: 30 cents.

KRESGE AUDITORIUM, 5:30, 7:30, and 9:45 p.m.

SATURDAY, OCTOBER 20

Department of Modern Languages. Research Laboratory of Electronics. International Conference on Mechanical Translation. Morning and afternoon program: Papers summarizing the progress of various groups working in the field. Conference open to all interested persons. Registration (free) at 9:00 a.m.

LITTLE THEATRE, KRESGE AUDITORIUM, 9 a.m.
 MIT Bridge Club. Duplicate Tournament, to be held weekly. BAKER HOUSE CAFETERIA, 1:30 p.m.

Freshman Football Team. Game with Thayer Academy. BRIGGS FIELD, 2:00 p.m.

Lecture Series Committee. Classic Series film: "The Mikado." Admission: 30 cents.

ROOM 10-250, 6:00 and 8:00 p.m.

Informal Dance Committee. Dance. Admission: \$1.00 per couple.

MORSS HALL, WALKER MEMORIAL, 8:00 p.m.

SUNDAY, OCTOBER 21

Freshman Sailing Team. Heptagonal Race.

SAILING PAVILION, 9:00 a.m.

MONDAY, OCTOBER 22

Meteorology Department. Geology and Geophysics Department. Earth Science Colloquium: "Dispersion and Fallout of Airborne Salts." Dr. Carl-Gustav Rossby, Professor of Meteorology at the University of Stockholm, Sweden. ROOM 12-182, 4:00 p.m.

TUESDAY, OCTOBER 23

Computation Center. Seminar: "Some Investigations of Games by Means of Electronic Computing Machines." Visiting Professor Stanislaw M. Ulam, Mathematics Department.

ROOM 2-239, 3:00 p.m.
 Metallurgy Department. Colloquium: "Theory of Interaction among Defects in Semiconductors." Dr. Howard Reiss of Bell Laboratories.

ROOM 6-120, 4:00 p.m.

Varsity Soccer Team. Game with Harvard University. BRIGGS FIELD, 4:00 p.m.

CALENDAR OF EVENTS

The Calendar of Events is distributed to the staff through the Institute's mails each Wednesday, with announcements for the following eight days. Material for the Calendar of October 24-31 is due in the editor's office, Room 3-339, not later than noon on Thursday, October 18.

FOR \$7.00!

6 OPEN REHEARSALS

by the

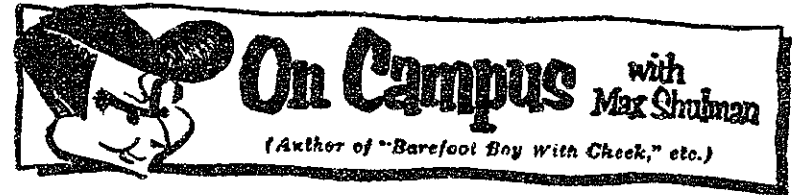
BOSTON SYMPHONY ORCHESTRA

CHARLES MUNCH, Music Director

THURSDAY EVENINGS at 7:30

November 8 December 20 March 7
 November 29 February 14 April 4

After October 31 any tickets remaining will be sold singly at \$2.00
 Tickets: T.C.A., 2nd Floor, Walker Memorial Building



FOOTBALL: ITS CAUSE AND CURE

At next Saturday's football game, while you are sitting in your choice student's seat on the ten-yard line, won't you give a thought to Alaric Sigafos?

Who, you ask, is Alaric Sigafos? Come closer, sit down, light a Philip Morris, savor that natural tobacco goodness, sigh contentedly, cross your fat little legs, and listen.

Alaric Sigafos (1868-1934) started life humbly on a farm near Thud, Kansas. His mother and father, both named Ralph, were bean-gleaners, and Alaric became a bean-gleaner too. But he soon tired of the work and went to Memphis where he got a job with a logging firm. Here the ex-bean-gleaner worked as a stump-thumper. Then he drifted to Texas where he tidied up oil fields (pipe-wiper). Then to Arizona where he strung dried fruit (fig-rigger). Then to Virginia where he was a research assistant (book-looker). Then to Long Island where he dressed poultry (duck-plucker). Then to California where he lectured young women who were about to get married (bride-chider). Then to Minnesota where he cut up frozen lakes (ice-slicer). Then to Nevada where he determined the odds in a gambling house (dice-pricer). Then to Milwaukee where he pasted camera lenses together (Zeiss-splicer).

Finally he went to Omaha where he got a job in a tannery, beating pig-hides until they were soft and supple (hog-flogger). Here he found happiness at last.



Why, you ask, did he find happiness at last as a hog-flogger? Light another firm and fragrant Philip Morris, taste that true tobacco flavor, puff, relax, let sweet lassitude possess your limbs, and listen.

Next door to the hog-floggers was an almond grove owned by a girl named Chimera Enrick. Chimera was pink and white and marvelously hinged, and Alaric was hopelessly in love the moment he clapped eyes on her. Each day he came to the almond grove to woo Chimera, but to no avail. He tried with all his vigor and guile, but she, alas, stayed cool.

Then one day Alaric got a brilliant idea. It was the day before the annual Omaha Almond Festival. On this day, as we all know, every almond grower in Omaha enters a float in the big parade. The floats always consist of large cardboard almonds hanging from large cardboard almond trees.

Alaric's inspiration was to stitch pieces of pigskin together and inflate them until they looked like big, plump almonds. "These sure beat skinny old cardboard almonds," said Alaric to himself. "Tomorrow they will surely take first prize for Chimera, and she will be mine!"

Early the next morning Alaric came running to Chimera with his inflated pigskin almonds, but she, alas, told him she was not entering a float that year. In fact, she had just sold her almond grove and was moving East to try out with the Boston Red Sox.

Alaric, upon hearing these grim tidings, flew into a violent rage. He started kicking his pigskin almonds all over the place. And who should be walking by at that very instant but Abner Doubleday!

Mr. Doubleday, who had invented baseball some years earlier, was now trying to invent football, but without success. The trouble was, he couldn't figure out what kind of ball to use. Now, seeing Alaric kick the pigskin spheroids, his problem was suddenly solved. "Eureka!" he cried, and ran to his drawing board, and the rest is history!

©Max Shulman, 1956

When you go to next Saturday's game, the makers of Philip Morris, sponsors of this column, suggest you take along the perfect football companion—Philip Morris, of course!

Burton Frosh Planned 'Cultural Exchange'

The following is a report by the Freshman who planned the exchange of the Vice-president at the MIT sophomore class and the president of the RPI sophomore class.

I first got the idea to exchange sophomore class officers with RPI last Sunday. I then talked to some of my buddies in Burton and Baker houses and they were willing to contribute time, money, and energy to the idea. I called RPI on Sunday evening and told them of the idea for the "cultural exchange," they liked it and went to work on their end.

The original plan was to kidnap a sophomore class officer, after speaking to members of student government

and faculty we were informed of rules concerned with hazing. Since we found that hazing is illegal we decided that we could not transport a person against his will, as freshmen (not sophs) obey rules of the Institute.

Lytle Selected

We then decided to send Dennis Lytle, sophomore class veep on a trip. Therefore we convinced Dennis that a trip to Troy would be beneficial to him and to the frosh of both schools.

The RPI frosh (who have no anti-hazing regulations) quickly organized, raised \$75.00, chartered two buses and kidnaped the president of their Sophomore Class, David Lord. About 4:30 Friday afternoon they took off for the

Albany Airport in the buses, and midst a hoard of photographers and reporters, hustled him onto the plane wrapped up like a mummy in a sarcophagus. He was then greeted by the MIT freshmen at Logan Airport and spent the remainder of the weekend on campus. Sunday morning both Sophomore officers were put aboard planes and shipped back to their respective schools.

We frosh think that if we continue to rely on cleverness and not on force (which I regret to say is an idea that some sophs are not similarly inclined to follow), all can have fun and damage to personal and Institute property can be kept at a minimum.

EAST CAMPUS

(Continued from page 1)

but that's the girls' dorm and besides, it's a long walk."

One of the few freshmen to escape received word of the raid and jammed a coat hanger in his door. However, most of the freshman rooms were "entered with pass keys," and the freshmen discovered, too late, what was happening.

Early this morning several dozen pair of pants and pajamas were flapping in the breeze on a clothesline string between the parallels. The freshmen who thought they sighted their belongings went out and cut down the line. One of the freshmen said, "They were probably scared to come after us when they saw the knives."

After the raid the freshmen were rather undecided as to what they should do. However, there were rumors that the freshmen would organize and retaliate at the muglift next week.

But this retaliation came sooner than expected. A group of freshmen gathered between the parallels the next evening and launched an assault in Bemis. However, the sophomores in Bemis resisted and finally, with tear gas, drove the frosh into the East Campus Court and from there to the Great Court where several freshmen were departsed.

(Another report is that the sophomores on the fifth floor of Bemis used tear gas to repulse the frosh; but the frosh had left and the tear gas boomeranged on the very ones who used it.)

LYTLE

(Continued from page 1)

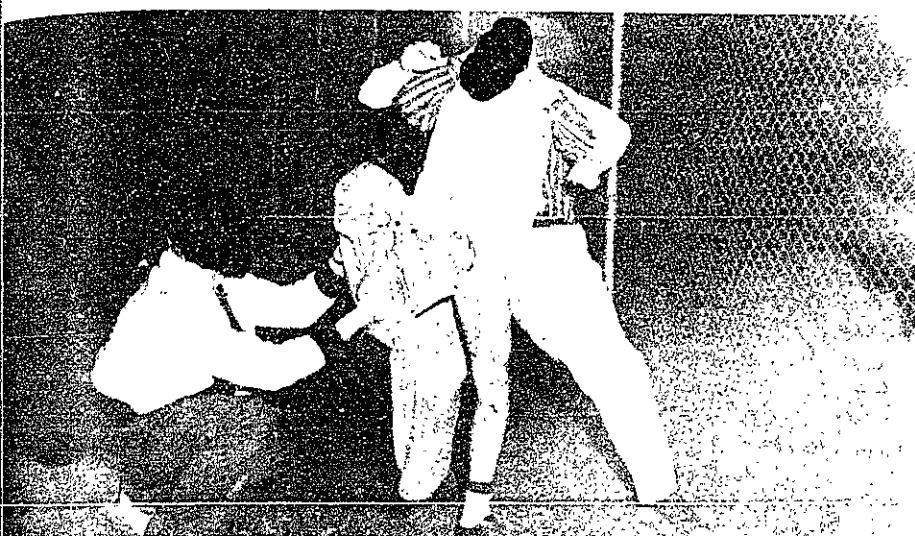
along with it and take a trip to Troy. Of course, I said 'no', as a matter of principle; but they finally persuaded me that it would be a good trip, and I agreed to go. They promised that only the real story would be told, that I was in no way forced to go.

"That night, they picked me up at the house, and took me to the airport, escorted by 30 frosh, where I caught the plane on which they had made reservations. I got quite a reception at Albany—about 100 fellows in two chartered buses met the plane, and drove me to the school. I was interviewed by local and RPI reporters, and also on the school's radio station.

"On Saturday, I was taken on a tour of the campus; then to a football game in the afternoon. At halftime, a plea was made to the RPI sophs to make contributions to free their class leader, who was really captured and sent to MIT. The plea was in the form of a small float with the slogan, 'Praise d'Lord, and Pass the Hat.' I guess by this time the story had gotten around to the UP, who erroneously reported in Boston papers, that I was sent forcibly on this trip.

"Anyway, that night I continued having a good time. I stayed at Dave Lord's fraternity, and took out his girl friend. I flew back Sunday morning."

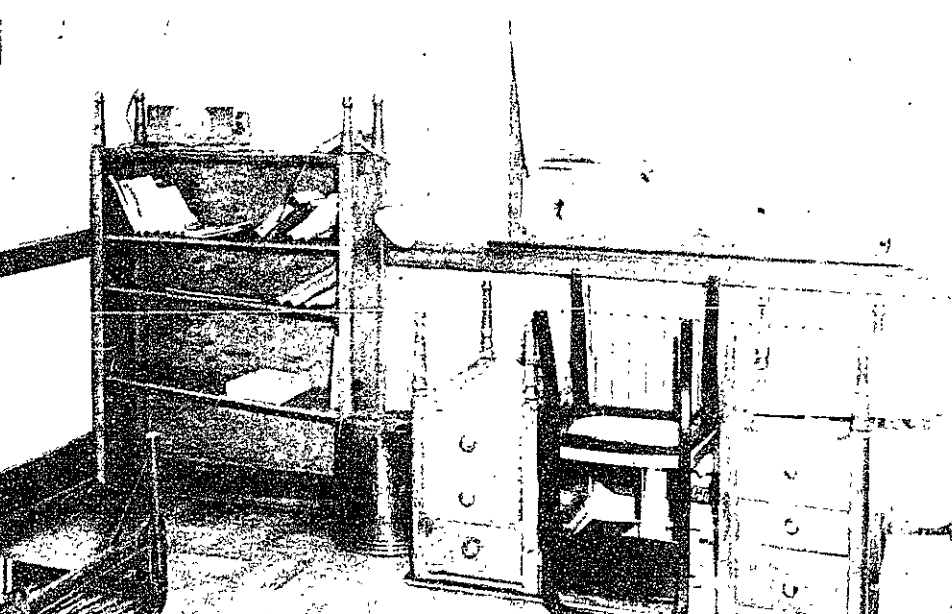
The freshmen behind this stunt, residents of Burton and Baker Houses, paid for Lytle's plane fare. They explained that this was a way to have fun without hurting anyone. The original plan was to use force, as did the RPI class, but when they found that severe consequences might follow from such action they decided to get Lytle's consent, which they did.



Action



Presentation



Devastation

GRADUATES in

Engineering Physics Mathematics

interested in Missile Systems
research and development

The technology of guided missiles is literally a new domain. No field of engineering or science offers greater scope for creative achievement.

Research and development at Lockheed Missile Systems Division cover virtually every field of engineering and science and have created new positions for graduates possessing outstanding ability in the following fields:

Electronics
Research and development as applied to missile systems and associated equipment.

Computers
For solution of complex problems and missile guidance.

Systems Engineering
Research and development in missile systems.

Antenna Design
Related to missile guidance.

Communications
In the broad area of information transmission.

Electromechanical Design
As applied to missile systems and related equipment.

Instrumentation
Associated with aerodynamics, physics and electronics.

Physics
Theoretical and experimental aero-physics, upper atmosphere research, optics and nuclear physics.

Structures
Structural design and analysis of missile systems.

Thermodynamics
Aerodynamic heating and heat-transfer problems.

Aerodynamics
Concerning performance of missile systems.

Dynamics
As related to missile body flight problems.

Operations Research
Applied to tactical weapons operations.

Advanced Study Program

Graduates in Physics, Electrical, Aeronautical and Mechanical Engineering are invited to contact their Placement Officer regarding the Advanced Study Program which enables students to obtain their M.S. and Ph.D. Degree while employed in their chosen field.

M.S. and Ph.D. Graduates

The complexity of missile systems research and development has created a number of positions for those completing their M.S. and Ph.D. degrees. The positions carry immediate responsibility commensurate with the advanced academic training and experience required.

Representatives of the Research and Engineering staff will be on campus

Monday, October 22
Tuesday, October 23

You are invited to consult your Placement Officer for an appointment.

Lockheed

MISSILE SYSTEMS DIVISION
research and engineering staff
Lockheed Aircraft Corporation

VAN NUYS • PALO ALTO • SUNNYVALE
CALIFORNIA

Frosh Council Votes Lienhard President, Revises Constitution

The Freshman Council elected officers and adopted a constitution in what was intended as a secret meeting Sunday evening.

Robert Lienhard was voted into the presidency. New vice-president is Allan Shallock; secretary-treasurer is Joseph Verderber; and Inscomm Representative is Dwayne Burson.

The Council ratified a revised constitution left by the Class of '59, making three minor amendments. The Class of '60 will operate under this document during the four years of its existence.

Consensus of spoken opinion at the meeting was that the sophomores will attempt to disrupt future meetings of the Council. Therefore, time and place of these meetings will be kept secret.

A.S.M.E. COFFEE HOUR

There will be a coffee hour for all students and faculty of mechanical engineering at 3:30 p.m., Wednesday, October 17, in the Miller Room, room 3-070.

The program for this informal meeting will feature a short talk by Prof. Stenning on "Problems of Engineers in Large Companies." Persons planning to attend should best arrive before 4:10 p.m.

Hazing, Teaching Execcomm Topics

The major part of the hour long, closed meeting of the executive committee of Inscomm was spent discussing hazing. Their statement appears on page 1. The only other part of the discussion made public at this time is the discussion of business for the coming Inscomm meeting on October 24.

This included a report to be made on methods for honoring professors for their excellence as teachers without regard for their academic qualifications. It has been suggested that two more members be added to Inscomm, one of them to be from a class A activity. At present, the only activities representative on Inscomm is the president of the activities council. The Communications Committee will report on methods for improving communications between Inscomm and the student body. This has already been improved by the weekly reports of Inscomm meetings by WTBS, and the posting of bulletins on all bulletin boards of the activities of Inscomm. However, much still remains to be done to establish better contact with the students.

I.V.C.F. MEETING

The next Inter-Varsity Christian Fellowship meeting will be on Wednesday, Oct. 17 at 7:00 p.m. in the library lounge, room 14E-310.

IFC Studies Plan To Join Institute Telephone System, Names Spiro To Committee In First Meeting Of Year

The Inter-Fraternity Conference held its first meeting of the school year last Wednesday night at the Hotel Beaconsfield.

A main item of discussion was the possibility of extending the Institute phone service to the fraternities. It was pointed out that such service would greatly improve the communications between the Institute and the individual fraternities and among the houses themselves. Under present proposals the service would cost each fraternity between \$40 and \$80 a year.

A straw vote on this indicated that a large percentage of the houses were in favor of such a plan. A study is now going on to get an approximation to the number of calls that would be made, and to obtain other data.

Some discussion on Rush Week was held but no action on rules and policies will be taken until the November meeting. This will allow the Rushing Committee enough time to study all the aspects of Rush Week and to come up with some recommendations. The Pledge Training Committee re-

ported that meetings with the houses to discuss their pledge training and initiation week programs were now under way, and would be completed by Christmas.

Other items taken up at the meeting were the election of Larry Spiro to the I.F.C. Investigating Committee, discussion of a plan whereby the fraternities would be able to obtain group discount rates on oil and other services, and an announcement that this year's I.F.C. Weekend would be held May 3rd and 4th.

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Soccer Team Bows To Amherst; Buffett Scores Lone Tech Goal

Tech's varsity soccer team suffered its second loss in three games last Saturday as they bowed to a strong Amherst team 2-1 on Briggs Field. The Techs scored midway in the first period, Tech tied it in the second, but Amherst came back with what proved to be the winning goal in the third quarter. The Engineers, whose offense had looked so well in last week's 7-1 rout of BU, showed little power on the forward line and it was only some good defensive work by Rod Brandt '57 and Pete Hohorst '57 at fullbacks, and goalies Morris Neiman '57, and Rudy Segovia '57 that held the margin to one.

Frosh Booters Trip Tufts By 4-3 Score

Scoring in the last three seconds of play, the freshman soccer team pulled out the squeaker of the year as they topped Tufts 4-3 in overtime. Behind 3-1 in the last quarter, Tech rallied twice to tie, and then won it in the first 2½ minutes of overtime. Big hero of the game for Tech was Ernesto Macaya who tied the score at 14:57 of the last period on a set up from in front. Earlier in the period Norman Dorf had kicked in Tech's second goal while the opening tally had been made by Egon Paul. The winning goal was the result of a hard shot by Andrus Viilu coming on after Tuft's spirit had been broken by the late goal. Both of Tuft's first two goals came on penalty kicks as Tech goalie Lenny Spar played an otherwise outstanding game. The frosh hope to keep their unbeaten skein alive in a tough game against Andover here tomorrow.

Amherst completely dominated play at the opening of the game with Don Gervin finally hitting the nets at the 9:45 mark. Tech still had difficulty controlling the ball in Amherst territory throughout the second period, but at 10 minutes wing Tom Buffett '57 scored on a breakthrough, hitting the side of the nets from 30 feet out. Tech evened the play for a while in the second period, with Segovia making a beautiful stop on a penalty shot. He wasn't able to stop a hard shot from the left by Fernald though, with the result that Amherst took a 2-1 lead they never relinquished. Tech continued pressing throughout the last period, but in their haste to score lost the polish that they had shown last week and were unable to coordinate their attack.

The lineup:

MIT		AMHERST			
Goddard	G	Neiman			
Vernon	RFB	Hohorst			
Hicks, Don	LFB	Brandt			
Hicks, Dave	RHB	Sensenig			
Richardson	CHB	Neiderman			
Lamont	LHB	Clunies			
Hall	OR	Banharasupvat			
Fernald	IR	Warner			
Gervin	C	Goodison			
Sykes	IL	DoVal			
Grosfield	OL	Johnson			
MIT	0	1	0	0	1
Amherst	1	0	1	0	2

Freshman And Sophomore Elevens Bow Loose Defense Hurts Both Tech Teams

Tabor Downs Frosh By Decisive Margin

Minus the services of Chuck Conn, one of their two top quarterbacks, the frosh football team was soundly beaten by a heavy Tabor club 25-6 last Saturday at Tabor. After scoring the first time they got their hands on the ball, the frosh were no match for the more seasoned Tabor team which scored once in each quarter to take the decision.

Frosh Score

After kicking off, the frosh got the ball after a short punt on their own forty from which they moved to pay-dirt in only six plays. Dick Kaplan at right half made several good gains, with Stover Babcock carrying the ball over on an end run from the 20. Late in the period Tabor tied the score 6-6 as their fleet, heavy fullback scored the first of three touchdowns on a long end run.

Despite the score, Tech did not look too poor and the play of several individuals was promising. Besides Kaplan, Dan Michaels at end, Bob McCulloch in the center of the line, and Ed Pollard at tackle all looked very good. The frosh play Thayer here next Saturday, and a week's extra practice could make all the difference in the world.



Lawrence's "Jet" Jackson on his way to a TD in 28-0 Tech sophomore loss.

Lawrence Rolls Up 28-0 Victory

Lawrence High School put a huge dent into the sophomore football hopes last Saturday as they trounced the Class of '59 eleven 28-0, on Briggs Field. After a scoreless first period the visitors rolled up nineteen points in the second quarter and the sophs were never again in the ball game. Fullback Lee Daghlion and halfback "Jet" Jackson were the big men for Lawrence, with Daghlion scoring three times on the same off tackle play, and Jackson scoring once on a pass, and averaging almost 10 yards a carry.

The first period was fairly close with neither side threatening seriously. Within the first few minutes of the second quarter, however, the soph defense

fell apart and Lawrence started making huge gains, inside and outside the ends. At the same time Tech's offense bogged down and this plus several poor punts gave Lawrence the ball in MIT territory.

Boyd Gains Forty

After Lawrence picked up their fourth TD midway in the third period the sophs began to pull themselves together again, but just when it looked like they were ready to roll a costly fumble would deprive them of possession. Late in the fourth period fullback Larry Boyd showed traces of the speed and power he demonstrated last year, going forty yards on a pitchout play for Tech's biggest gain of the day. A fumble two plays later, however, again lost the ball and after an interception of a Lawrence pass on MIT's 1 yard line, the sophs were pushed into their own end zone for a two point safety.

Though players and coaches both seemed disappointed by the showing, everyone emphasized that the mistakes made Saturday will not be repeated. The team faces an Andover JV squad next week in the last warm-up for the freshman game on Field Day. In lieu of the frosh trouncing on Saturday, the soph hopes are far from dimmed; in contrast they have every expectation of taking the sophs on Field Day.

Carberry First As Harriers Finish 2nd

Despite a beautiful individual performance by Pete Carberry '58, Tech's cross country team finished second in a triangular meet behind Williams and ahead of Springfield last Saturday at Williamstown. It was the second time in three meets that the harriers had copped second in a 3-way meet so they'll still be looking for their first win next Saturday when they travel to New Hampshire for their first dual meet.

Saturday's story was all Carberry as Pete covered the course in the near record time of 21:36 to lead all finishers. Close on his heels was Fox of Williams and behind him Captain Dave Vaughn of MIT. There was a big gap, however, before the next Tech finishers, Jim Pearson '57 who gained 8th and Glenn Bennett '58, 9th. Rounding out the MIT scoring was Rod Swift '58 who finished in the 14 spot. The final score of the meet was Williams 30, MIT 35, and Springfield 55. The New Hampshire meet next week-end should be a close one as UNH took the harriers by a 3-point margin last year.

Sticklers!

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Sandal Vandal

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Sailors Place 2nd For Oberg Trophy

This week-end MIT, as defenders, sailed in the Oberg Trophy Race which determines the Greater Boston Dinghy Champions. With Bill Stiles, Bill Widnall, and Denis Posey skippering Tech boats, MIT won 100 points and placed second only to dark horse Boston University which edged out MIT by six points. In the last 11 years Harvard and MIT have dominated the top positions, MIT winning six out of eleven times. The MIT loss was due to excellent light wind sailing tactics employed by BU and to the unfortunate and highly controversial disqualification of Bill Widnall in one of the six races. Next week MIT will sail in the Nevins Trophy Race at Kings Point. The frosh will compete in a dual meet at Brown on Saturday and in the heptagonals Sunday.

BASKETBALL

Varsity basketball practice gets under way this afternoon in Rockwell Cage at 5:00. Everyone interested in competing on the varsity or JV level should definitely attend as there are several openings on the squad.

Frosh practice will also start this afternoon in the Walker gym.

SQUASH RALLY

Undergraduates interested in squash should attend the rally Thursday, October 18 in Tyler Lounge, Athletic Association office at 5 p.m. All those interested in the sport, with or without experience, are welcome. All team candidates will have the opportunity to play in Massachusetts Squash League play.

New T-Club Formed For Lettermen; Organizational Meeting Thursday

All varsity lettermen, regardless of sport, are urged to attend the organizational meeting of a T Club this Thursday at 7:30 p.m. in the Library Lounge. The Club is designed to be an active honorary group for all men who have won the varsity school letter in any sport. Preliminary plans for the club were developed last year by Bruce Blanchard '57, president of the AA, and expanded at a meeting of team captains this fall. The meeting Thursday will be for the approval of a constitution and opening of officer nominations.

The purpose of the club will be to first promote greater personal contact between letter winners, and second to develop and encourage enthusiasm in school athletics. These main goals will be offset by action as a short term service group and by serving as representation for participants on the Athletic Association.

The proposed constitution has been drawn up by a committee consisting of Blanchard, Bowers, Jordan, Goodison, and Carberry. Under their plan,

the group would be run by a cabinet consisting of a President, Vice President, Secretary, Treasurer, and Member at Large. The President, in addition to being on the executive council of the AA, would also serve on the school athletic board. The Vice-president would have charge of service actions, and the treasurer would handle social activities.

It is also hoped that this group would be able to reinstate the old Straight T Club as recognition for outstanding competitors in MIT athletics. Election to this group would require a large percentage of votes from the T Club and the number elected could run from zero up in any one year.

LECTURE

Dr. Frank Laubach, noted educator in the field of teaching the illiterate, will lecture tomorrow afternoon in Kresge Auditorium's Little Theater at 5:00. The topic of Dr. Laubach's talk will be, "How Each One Teaches One."

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*"Your hankies don't match
your shirts, my friend,
Your ties clash with your eyes.
And your shorts are simply
awful, sir,
—Wrong color for your thighs."*

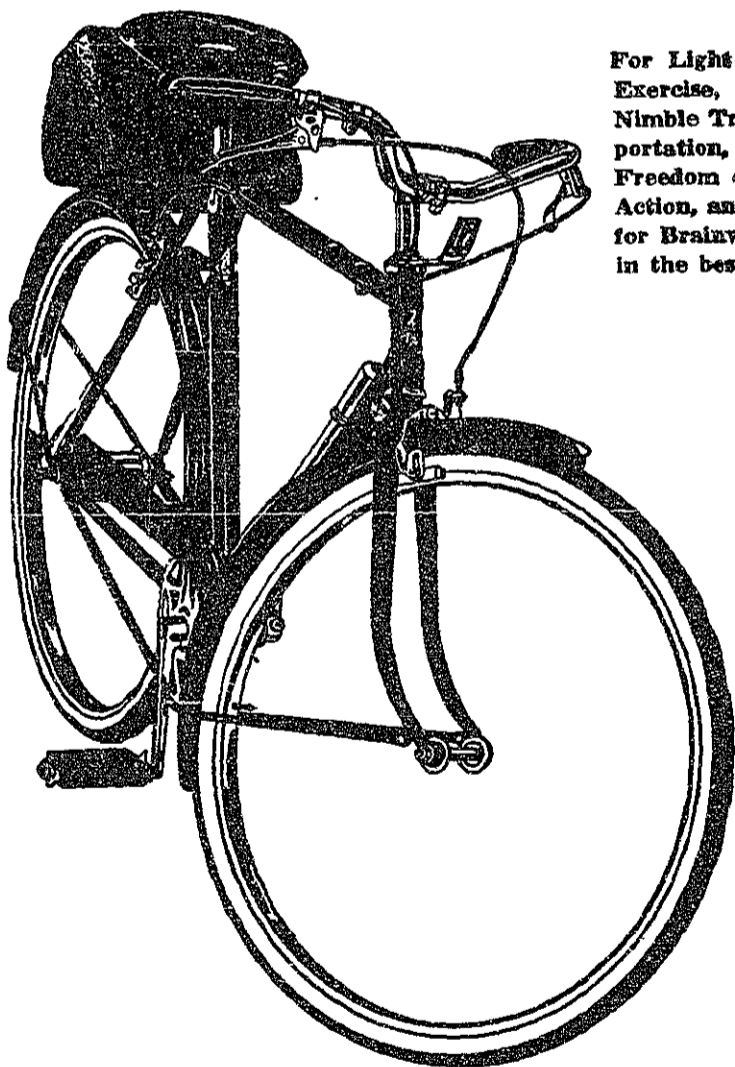
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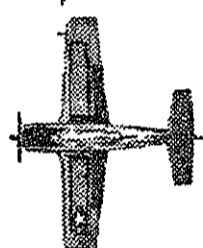
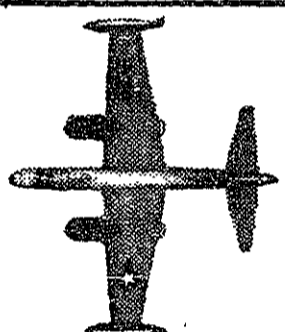
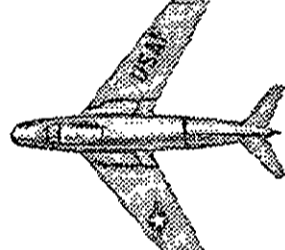
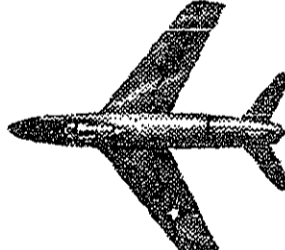
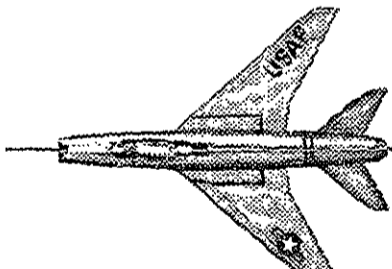



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SAE, Beta, Phi Delt And Phi Gam Head For Repeat League Titles

SAE Crushes Delta Upsilon 25-0

League 1
 Displaying the winning combination of accurate passing and powerful defense, last year's intramural champion, Sigma Alpha Epsilon, defeated previously unbeaten Delta Upsilon, 25-0, last Friday morning. The first SAE touchdown came midway in the opening period on a short pass from Walt Humann '59 to Fred Broward '57. Near the end of the second quarter SAE made the score 12-0 on a ten-yard scoring toss from Humann to Pete Hohorst '57. SAE was held scoreless in the third session but Bill Dean '57 intercepted a pass from DU tailback Ken Auer '58 to set up SAE's third TD early in the closing quarter. For this tally, Humann flipped a one-yard aerial to end Bob Thompson '58. A few minutes later, Hohorst intercepted a DU toss and several plays afterward scampered fifty yards with a pass from Humann to close out the game's scoring. Norm Bryan '57 was

a standout on the defensive line for SAE.
 In a hard-fought contest Chi Phi whitewashed Phi Mu Delta 14-0, on Friday afternoon. Meanwhile, scoring in every period Alpha Tau Omega steam-rolled Baker House 36-0, in Friday afternoon's other league 1 game. Bob Witte '58 passed for three TDs and scored two others on passes from Todd Fandell '59 and Tony Vertin '57 to lead the scoring.
 By blanking Chi Phi 23-0, Sunday, Alpha Tau Omega remained in competition for the league 1 championship. Witte flipped two yards to Fandell to open the scoring for ATO in the first period. ATO made the score 9-0 at the half by scoring a safety. Paul Cotter '57 raced 30 yards with an intercepted aerial in the third stanza to make it 16-0. In the last quarter Witte flipped 30 yards to Keller for ATO's final marker.

Phi Delt Remains Unscored Upon

League 2
 Phi Delta Theta, last year's league 2 champ, took a big step toward this year's title by downing previously unbeaten Theta Chi in Sunday's roughest battle. Third win in a row for the Phi Delt, it keeps their undefeated-untied-unscored upon record intact.
 For the early part of the game, Theta Chi looked like they might be able to pull the upset, but star back Walt Ackerlund '58 took over late in the second period with a TD pass to Dick Ellison '57, first score on the Theta Chi defense this year. Phi Delt's other scores came in the 4th period on two more Ackerlund passes, this time to Mark Tenney '58, and Ray Waldheger '60. The Phi Delt's defensive line of George Stivers '60, John Christy '59, and Emil Wright '58 played well.

Betas Win Out 32-21; Snakes Down Grads

League 3
 Beta Theta Pi steamed steadily onward toward the league three title with a hard won 32-21 victory over powerful Sigma Chi in Sunday's encounter at Brigg's Field. Ray Bowen '56, quarterbacking for the Betas, turned in an outstanding performance as he threw for five touchdowns and two conversions.
 Opening up a 19-7 lead at the half, Beta appeared to never doubt the outcome. Doug Lang '57 tallied a touchdown and an extra point and Jim Russel '59 also scored; simply ensuring a big margin.
 Sigma Nu, meanwhile, was avenging an earlier 6-0 loss to Grad. House with a 13-6 victory that put them in the semi-finals. Nat Florian proved to be the thorn in Grad House's side as he intercepted a pass for a touchdown early in the first quarter to put the Snakes ahead for good.
 Right end Richie Johnson '58 scored in the opening minutes of the fourth quarter to complete Sigma Nu's markers, while Grad House tallied on a play a few minutes later.
 In Friday's contests Sigma Nu walked all over the 5:15 Club to the tune of a 22-0 rout, while Grad House was edging Burton 14-13. Nat Florian, The Snakes' outstanding freshman, played a whale of a game in intercepting two passes for scores in an otherwise sloppy ballgame.

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The list of universities located near Melpar laboratories that offer graduate and undergraduate courses in engineering subjects includes: Georgetown University, George Washington University, American University, Catholic University, University of Maryland, University of Virginia, Harvard, Massachusetts Institute of Technology, Northeastern University, and Boston University. Melpar offers financial assistance for study at these distinguished schools.

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Booklets Available

An attractive, fully-illustrated booklet describing living conditions prevailing in the Washington, D. C. area can be obtained from your campus Placement Officer.

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The college or university graduate who joins Melpar is not required to undergo a formal training program. Instead, he immediately becomes a member of a project group and is assigned to work with an experienced engineer whose guidance and assistance enable him to advance rapidly. Members of Melpar project groups gain experience in all phases of engineering problems by free and frequent interchange of ideas during group meetings. Such experience is valuable in leading to eventual managerial responsibility.

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Founded in 1945, Melpar has doubled in size every 18 months for the past 11 years. Recently it completed erection of a complete new headquarters laboratory near the Nation's Capital, and is presently making substantial additions to its Watertown, Mass. laboratory (6 miles west of Boston), and to its research department in Boston.
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Melpar staff members, both holders and non-holders of degrees, may take advantage of the many fully-accredited courses in engineering subjects which are offered at Melpar's headquarters laboratory.

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Make Appointment Now For Melpar Interview October 24th

To secure an appointment with the Melpar representative when he visits your campus, contact your Placement Officer today. At the same time ask him for booklets on Melpar and the Northern Virginia area. We believe you will find them of unusual interest.

Fijis Top Delts 7-2; SAM Tops Pi Lam

League 4
 A fired up Phi Gam team, spearheaded by a rock tight defensive line, defeated Delta Tau Delta 7-2 in league 4's big game last Friday. The margin of victory lay in Fiji defensive tackles John Irwin '58 and Bruce Blanchard '57, and in the offensive play of Hal Smith '57 and Don Aucamp '57. Outstanding for the Delts were Dan Holland '58 and Dan Michaels '60.
 The first half was all Delt as the ball seldom left Phi Gam territory until the last few minutes. In the third period after exchanging the ball twice, the Delts rolled to the Phi Gam 25 on passes from Mike Tym '57 to Michaels and Red Fowler '57. Two running plays and a penalty gave them a first on the 14 and 2 plays later pass interference made it goal to go on the 4. An off tackle play gained 3, but on the next try, Blanchard broke through to put it back to the three. From there 2 short passes were batted down in the end zone and the Phi Gams took over. On the second play, however, Aucamp was trapped behind the goal for what looked like a big 2 points for the Delts.
 After the post-safety kickoff, Phi Gam took over the ball on their forty and moved downfield in 5 plays for the TD. Big play of the drive was a 30 yard pass from Al Beard '59 to Ed Pollard '60, followed two plays later by a 20 yard pass to Aucamp all alone in the end zone.
 Upset victors over Pi Lambda Phi, Sigma Alpha Mu joins the Fijis and Delts as the only teams remaining in league 4. After winning 15-13 in the last 3 seconds of play against Theta Xi on Friday, the Sammies rolled over the Pi Lams 12-0 Sunday, after Pi Lam had eliminated Lambda Chi 6-0 Friday. Al Rosenberg '58 starred in both games, passing twice to freshman Dick Strauss in the Theta Xi game and playing well in the Pi Lam game. Both scores in Sunday's game came in the second half with Andy Cohen '57 intercepting a pass on the five, and running it over two plays later. Mike Brenner '57 hit for the last TD on a short pass to Strauss.

FRESHMAN SWIMMERS

There will be a meeting for all candidates for the freshman swimming and diving team this Wednesday at 5:00 at the pool. Competitive experience is not a prerequisite for attendance.

MIT Political Groups Point Towards Nov. With More Activities

Political enthusiasm at Tech is reaching a new high this year. The Young Republicans Club and the new Students For Stevenson movement are increasing their activities day by day. Both organizations state that their memberships are considerably more active this year than they have been for some time.

Today at 5:00 the Young Republicans Club is holding a meeting in the Master Suite Lounge at Baker House. Ed Samp of the Cambridge City Committee will speak on what Y.R.C. can do to help, such as volunteering for work on election day. Other topics of discussion at today's meeting will be the election night party and campaign contributions. To aid in campaigning, copies of the present administration's record will be handed out.

Also, plans for a group of Y.R.C. men to attend a speech to be given by President Eisenhower in Boston will be discussed.

The Students for Stevenson movement is also active today. Tuesday the 16th is the first day of the national Dollars For Democrats campaign. The purpose of this campaign being to raise money for T.V. appearances by Stevenson and Kefauver. To support this action, members of the MIT Students For Stevenson movement will be in downtown Boston today soliciting money. The Stevenson supporters have also set up a booth in building ten to provide information on absentee balloting in all states. On Monday, the 22nd, Sam Beer, State Chairman of the Americans for Democratic Action will speak for the Students For Stevenson movement.

STATEMENTS

(Continued from page 1)

graduate Association, stated concerning these recent affairs that "rather than put posters up all over campus, (he would) go quietly". He is, however, opposed to all hazing activities and if there is definite proof, the Executive Committee of Inscomm will investigate

The following statement on hazing was presented Sunday night at an executive committee of Inscomm: "The executive committee is aware that certain questionable acts have transpired. We are investigating these and are taking necessary and suitable action." The major part of the hour long, closed meeting was spent formulating this statement.

Bill Salmon, Chairman of the Judicial Committee, asserted that "in general the Judicial Committee is an after the fact committee and will act only if individuals come forward. If possible, (any incident) will be handled within the dormitory or fraternity if there is no outside conflict. (The Judicial Committee) is no police force."

Alar Tomre, president of the East Campus Housing Committee, stated concerning the recent incident at East Campus: "... as a result, more thought will be given to putting more teeth in the East Campus Judicial Committee."

INFORMAL DANCE

The Informal Dance Committee of Walker Staff will present a dance, Saturday, October 20, in Morss Hall, Walker Memorial. Admission will be \$1.00 per couple.

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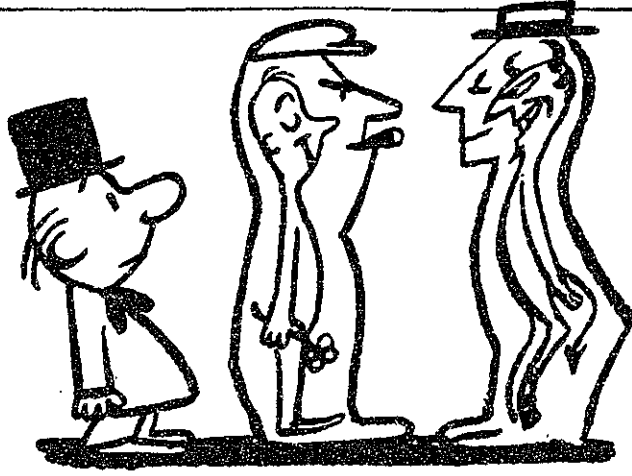
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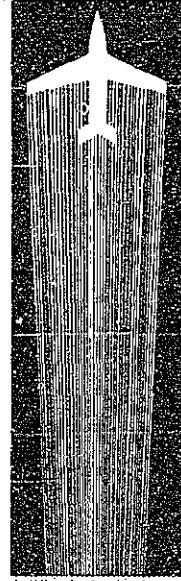
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B. S. graduates who wish to attain a Master's Degree will be interested in the California Division's Masters-Degree Work-Study Program. In the program, participants achieve their M.S. while working concurrently on Lockheed's engineering staff.

At Lockheed in Marietta, Georgia, new C-130A turbo-prop transports and B-47 jet bombers are being manufactured in the country's largest aircraft plant under one roof. The division is already one of the South's largest industries. Moreover, a new engineering center is now in development as part of the division's expansion program. In addition, advanced research and development are underway on nuclear energy and its relationship to aircraft. A number of other highly significant classified projects augment the extensive production program.

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