

in the news

INSIDE

MIT's all-male close harmony singing group, the Logarithms, is looked at on the Arts pages.

p6

The 2.70 design contest which will be held next week is probably more of a challenge for the professors who have to devise the problem than it is for the students who have to "solve" it.

p10

The sailing team just missed out on a trip to California, finishing third in the New England Team Racing Championships last weekend at MIT.

p12

EXCERPTS

The Wesleyan catalogue is a primary information source for freshmen. Readers are told of Wesleyan's proud and glorious history, its amazing diversity for such a small school and its ferment. However, these descriptions don't do justice to Wesleyan's atmosphere which is quite conducive to personal and intellectual growth.

Students should be warned that a public announcement will be necessary upon toilet flushing. Unless one wants to scald a showering hallmate it is imperative that one yells a hearty "flush" in time for the showerer to escape from the blast of steam that will soon be descending.

That soda machines can't be trusted, that the bank is more interested in charging a 25-cent profit fee than in pleasing the students who make up the clientele, and that various flaws can be found in Moconoughy foodstuff are facts new students should be made cognizant to. Explaining such trivialities as . . . the appearance of a strange smiling face that lurks on walls, in closets, under beds and at the base of the pressbox on the football field could alleviate the well known feeling of alienation.

What isn't realized is that it is a campus' personality that retains students not vague esoterics . . . Knowing the true essence of what Wesleyan is will not scare students away; however, knowing the realities of a new environment may help extract some of the culture shock and eliminate aspirin O.D.'s as well as make the students more aware of the broadening experiences offered in each facet of Wesleyan life.

— Susan Bodner
The Wesleyan Argus



All charges dropped in Grogo controversy

By Mark James

All charges before the Committee on Discipline (COD) arising from the Grogo incident have been dropped.

Associate Director of Admissions John Mack '73 yesterday delivered a statement to the COD withdrawing both his complaint asking for the expulsion of the Technology Community Association (TCA) and his joint complaint with Associate Professor of Political Science Williard Johnson asking for the expulsion of *Freshman Picturebook* editor David Soule '79.

Johnson is now in Africa. Mack said that Johnson had sent the COD a letter authorizing Mack to act in his behalf.

When informed of Mack's action, Soule exclaimed "fantastic!" On Mack's statement, he said "I feel that they were not doing it to be vindictive . . . but to shed more light on the situation."

The text of Mack's statement reads:

"The Grogo catastrophe has made it quite clear that racism is alive and malignant at MIT. It

has also shown again the low level of professionalism of the staff of our student newspapers. In filing formal complaints my intent, and I believe Professor Johnson's intent, was to shed light on these problems. Not the brightness that comes from lightning which illuminates only as it destroys, but the light of the sun which brings life and warmth. A warmth of understanding between different peoples and races. It is tragic that the students of MIT endowed with such mental power and scholarly achievements, are but intellectual infants when it comes to something so important as respect and understanding of different races. The challenge now is for MIT to recognize its shortcomings in this area and to correct them. In a world growing smaller each day an appreciation of cultures and peoples different than oneself is certainly as mandatory as freshman physics. In the hope that formal academic programs and requirements will be forthcoming to assist the education of our students and community in the area of human

(Continued on page 8)

Hansen rejected for nuclear commission

By William Lasser

A United States Senate committee has rejected the nomination of Professor of Nuclear Engineering Kent Hansen as a Commissioner of the Nuclear Regulatory Commission (NRC).

The Senate Committee on Environment and Public Works voted 7 to 4 Monday not to recommend Senate approval of

the nomination, effectively insuring that Hansen will not be confirmed. The Carter Administration is expected to withdraw the nomination rather than follow through with floor action.

Senator Gary Hart (D-Col.), chairman of the subcommittee on Nuclear Regulation, was the leading force in opposing Hansen, who was said to be the personal

choice of Secretary of Energy James Schlesinger. Hart, quoted in *The Washington Post*, said that the nomination was rejected because Hansen showed "a noticeable absence of thought, background and depth on such questions as safety and waste disposal."

Hart said he was also concerned about "a possible appearance of conflict of interest" because Hansen has been employed as a consultant by several firms involved with nuclear power. *The Post* reported,

Among those joining Hart in opposition to the Hansen nomination were Democrats Mike Gravel of Alaska and Edmund Muskie of Maine. Senate minority leader Howard Baker (R-Tenn.) voted to confirm Hansen.

Hansen's nomination has aroused controversy throughout

the confirmation process because of his outspoken views in favor of nuclear power. He openly disagreed with President Carter's breeder reactor policy during hearings before Hart's subcommittee.

Two other Carter nominations to the NRC have been approved by the Senate, leaving one vacancy on the five-member board. Two of the current commissioners are thought to be pro-industry and two are thought to oppose industry positions. The fifth appointment will thus be the swing vote on several key questions.

The Commission has the responsibility of licensing all nuclear facilities in the United States, developing licensing regulations, and sponsoring research on new safety standards. *(See interview P 2)*

MIT '77 deficit small

By Mark James

MIT came within \$126,000 of a balanced budget during fiscal 1977, and planners project balanced budgets or surpluses for the next several years — assuming that tuition continues to increase at the current rate.

Chancellor Paul Gray '54 attributed the drop in the deficit from \$2.6 billion the previous year to increased reimbursements from the federal government for research, overhead under a new system, greater-than-expected revenues from the Industrial Liason Program, \$4 million more

in gifts than last year — a 20 percent increase and \$700,000 more than expected — and to \$200,000 dollars more of cost reductions than projected.

Gray told *The Tech* that tuition will probably increase by about seven percent next year; the actual decision will not be made for two months, but budget predictions are based on such a rise.

He noted that the improved budget situation will not slow the rise in tuition, because the surpluses of unrestricted gifts that may occur would not be enough to add the amount to endowment that planners desire.

MIT exemptions sought to Mem Drive parking ban

By David B. Koretz

Barely a week before a 7-10am ban on Memorial Drive parking is scheduled to be implemented, the MIT Planning Office is busily attempting to prevent the ban from having any effect on students living on campus.

MIT students on campus who have registered their cars in Massachusetts may obtain stickers from Cambridge City Hall that exempt them, as residents, from the ban scheduled to start Oct. 31. Cars registered outside of Massachusetts are prohibited by state law from being eligible for such stickers.

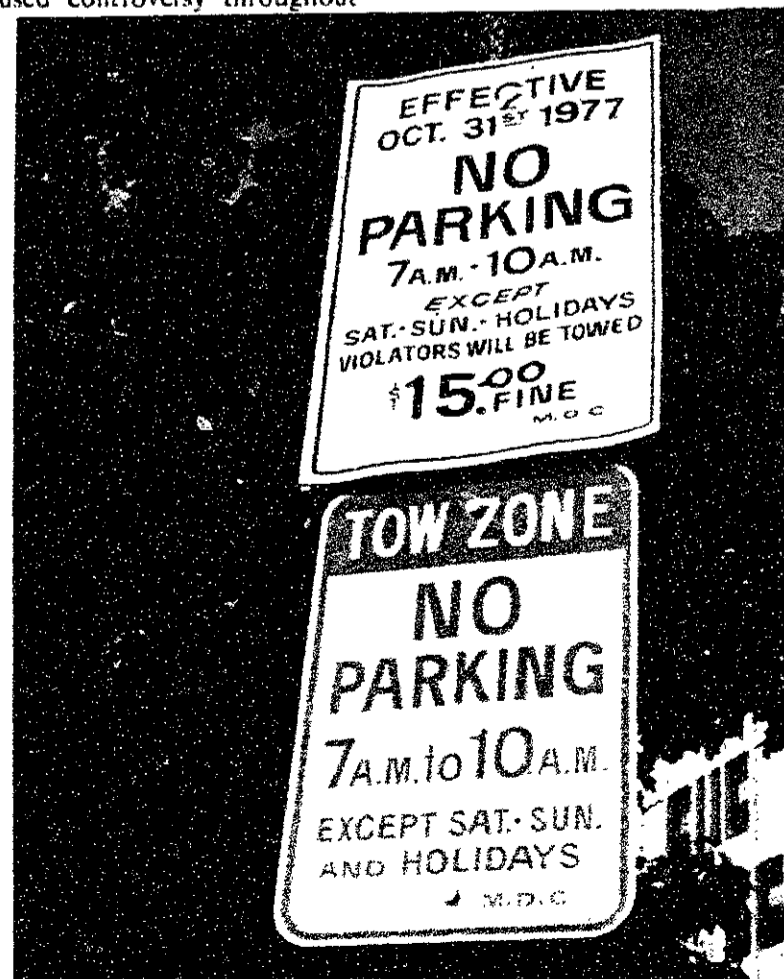
A survey of graduate students conducted in September by the

Planning Office received 389 responses from the 450 questionnaires sent out. Of those who responded, 93 said that they have cars on campus. Of the 93 cars, 58 percent, or 54 vehicles, had out-of-state registrations.

The in-state cars, according to the survey, park on Memorial Drive an average of 58 percent; out-of-state car owners reported 53 percent. All of the car owners who responded to the survey park on Memorial Drive an average of 54 percent of the time.

The ban is the result of a June, 1975, Environmental Protection Agency (EPA) regulation under the Boston Transportation

(Please turn to page 3)



Hansen interviewed

Editor's note: In early September, William Lasser of The Tech interviewed Professor of Nuclear Engineering Kent Hansen. On Tuesday, the Senate Environment and Public Works Committee voted not to confirm his appointment to the Nuclear Regulatory Commission.

The Tech: I'd like to ask you what you think the role of the Nuclear Regulatory Commission should be with respect to coming up with a national energy program, working with the President's Science Adviser and the Congress and the President, and with the new department of Energy?

Hansen: First of all, the regulatory commission is an independent agency, and its purpose is to regulate the industry. It does not make policy with regard to national energy programs and the like; rather, it makes certain that the nuclear industry conducts its affairs in such a way that it is not a threat to the health and safety of the general public. That's its statutory responsibility. . . . As a practical matter there is no doubt that policy planners would discuss with the regulatory commission certain aspects of the nuclear industry: for instance, they might be interested in obtaining up-to-date information on the operation of reactors, [or] on their reliability, that might be relevant to planning for the expansion of the energy production in the United States. So certainly it could play a role as a source of information on technology, it could play a role with regard to forecasting of energy demands, and because of its close ties to the nuclear industry, it could obviously play a role in discussing new technology. But other than an advisory role, the Nuclear Regulatory Commission would have nothing to do with national energy policy.

The Tech: Nuclear power right now is at an important point in its history because of the debate over the breeder reactor. . . . How important do you think the breeder reactor is to our energy needs?

Hansen: This is a personal opinion now. You're not asking me what the Nuclear Regulatory Commission thinks?

The Tech: That's right.

Hansen: I got into hot water at my Senate hearing for expressing my personal opinion. I'll state it again. Like most people, my view is that we will meet our future energy needs by relying most heavily on coal and nuclear. There are other options in the very distant future, such as fusion and perhaps solar, although I think that will play more of a role in heating food and home climate control [rather] than in the

generation of electricity. But those contributions are 20 years off, in my opinion, at the least and with respect to our needs between now and the end of the century, I think we must rely increasingly on coal and nuclear. The fact is, there is enough coal and enough uranium that we could proceed without the breeder to meet our energy needs for the next 25 years, and then, assuming other alternatives come in, we could wind down the nuclear industry slowly so that by the year 2050 or so it would all be over. That assumes that alternative technologies will become available. Now how does a policy planner deal with the situations in which those alternatives do not become available? Well, he has to look for things we have today which can extend our energy needs into the distant future. And there, it seems to me that the breeder is the only possible contributor that we can see today. Obviously I'm talking about the nuclear contribution. Certainly coal will go on for a long, long time. I don't know that we can rely entirely on coal. The reason is. . . the greenhouse effect, [and the] health hazards of coal production. Now incidentally, all of those may be resolvable. I don't know. But limiting myself to what role nuclear could play in the long range, it's only the breeder reactor. Today, the breeder is not a commercial vehicle, but it is past the demonstration stage, in other words there is an operating breeder on the electric grid in France, I believe there's one in the Soviet Union, although it's hard to get much information, [and] there's one in Great Britain. The United States has built and operated small breeder reactors. But there's no question that the technology exists. There's a great deal to be

(Please turn to page 8)

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news roundup

World

Kidnap victim murdered — Hanns-Martin Schleyer, the kidnapped German industrialist was found by the French police in the trunk of a car abandoned in the city of Mulhouse with his throat cut. The police had earlier received a phone call stating that Schleyer had been killed because of the death of the terrorist hijackers during the German Army's commando raid and the suicide of the three German terrorists whose release from jail was demanded by both the hijackers and by Schleyer's kidnappers. The caller also told police where to find the body.

Nation

Senate votes retirement age hike — By a vote of 87 to 6 the Senate passed the Age Discrimination in Employment Act which would raise the mandatory retirement age from 65 to 70. In contrast to the House bill, however, the Senate measure exempts tenured college teachers, executives, and those with a retirement income of more than \$20,000 a year, and does not eliminate all mandatory retirement for federal employees. Difficulties are expected when the House and Senate go into conference to try to combine the two bills.

Nebraska plane hijacked — Negotiations are continuing with the hijacker of a Frontier Airlines jet who is holding 11 male passengers, the pilot and the co-pilot hostage in the Atlanta airport. Thomas Hannon took over the plane in Nebraska, landed in Kansas city to release 18 passengers, and then flew on to Atlanta. His demands now include \$3 million, two parachutes, weapons and the release of his lover George David Stuart, now being held in an Atlanta jail on bank robbery charges. Hannon is out on bail for the same crime.

Local

Pinball racketeers arrested — Through the efforts of concerned citizens, Howard Winter and Salvatore Sperlinger, leading figures in organized crime in Somerville, have been arrested for trying to force Somerville businesses to use their pinball machines. These machines were illegal until this summer when the city council repealed the existing law by a 9 to 2 vote. The Middlesex Country Grand Jury, which handed down the indictments for Winter and Sperlinger, has already subpoenaed the aldermen as part of its continued investigation. More indictments are expected.

Parking solution sought

(Continued from page 1)

Control Plan. The regulation is intended, according to Barbara Ikalaineh of the EPA's Air Programs Office, to reduce parking for commuters in Boston and Cambridge. The reduction in available urban parking space would discourage commuters from using their automobiles, turning them to mass transit or carpooling.

Boston and Cambridge began to comply with the regulation by the fall of 1975, completely enforcing the 7-10am (7-9:30am in Boston) restrictions on parking for non-residents well over a year ago. The Metropolitan District Commission (MDC), Ikalaineh said, has been slower in complying because it alone was required to enforce the ban on 100 percent of its streets.

According to Reynolds Thompson '68 of the Planning Office, MIT is now "trying to work out something with the MDC" which will allow students to continue parking on Memorial Drive. He noted that it will probably be some sort of sticker that would be issued by the Campus Patrol and recognized by the MDC, which has sole jurisdiction over the Drive.

Thompson said that while he could not be sure of having a solution by Oct. 31, he is "pretty confident" that the MDC would be willing to be lenient on enforcing the ban "for the first week or so" until that solution is found.

Should the ban actually affect students, those with MIT parking stickers — generally for Westgate Lot — would be forced to crowd into what spaces are available. However, the Institute gives out



Douglas Bradwell

1.4 permits for each space that it actually has, according to a 1974 estimate. Moreover, not all students with automobiles on campus are given parking permits. Even in Ashdown House, whose graduate students receive high priority for stickers, only 54 of 69 students who applied in September got permits. In undergraduate dormitories, only upperclassmen have even a chance of obtaining permits. The situa-

tion has been worsening since 1975 when, as an aside to the On-Street Parking Ban, MIT was told by the EPA to reduce its total number of parking spaces by 25 percent.

According to the Cambridge Traffic Office, some 20,000 resident stickers have been given out since the city began enforcing the EPA ban in 1975, and about "five to ten percent" have been given to students who live in Cambridge

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Opinion

Lack of toleration: form of censorship?

By William Lasser

There have been several cries over the past few months that the MIT administration has indulged in or has threatened to indulge in censorship. In truth, the MIT community, irrespective of the administration, is the main force behind the potential curtailment of what are thought to be natural or at least Constitutional rights.

The right to free speech and a free and independent press, on campus and elsewhere, implies a high level of tolerance within the community to minority viewpoints, however distasteful. These rights do not protect actions which violate another's rights; nor do they justify verbal assaults directed against another member of the community.

But tolerance cannot exist when the expression of political, religious or moral views is curtailed or even discouraged; nor can freedom exist when the opinions of the majority are forced upon a minority.

The most recent occurrence indicative of the apparent growth of intolerance at MIT was the scuffle between the Arab Club and Hillel concerning a lecture that was to have been given by Palestine Liberation Organization United Nations Representative Shafik Alhout Friday evening. The talk was cancelled for reasons unrelated to the protest generated by the Jewish community.

A statement by Hillel, published in last week's *thursday*, asserted that the organization did "not object to the PLO's representative speaking, per se," but that it did "object to him speaking here." Alhout had been scheduled to speak in 54-100, where he would address only those interested in hearing him.

Hillel should be congratulated for responding to what they saw as a repulsive situation by invoking their own rights of protest and assembly and not by calling for administration action to prohibit Alhout from speaking. Nonetheless, their statement reflects a

growing tendency on the part of members of the community to assert that minority viewpoints should not be expressed at MIT. The Arab Club has since attacked *thursday* for printing what it considered unacceptable views.

Had Hillel noted its objections to Alhout's record, opinions, legitimacy as a representative of the Palestinians, or anything else, and then organized a protest in response to those objections, there would be no noise from this quarter. Similarly, there can be no objection to the Arab Club expressing their views on substantive issues. Only when groups attempt to deny the rights of others to freely express themselves are civil libertarians perturbed.

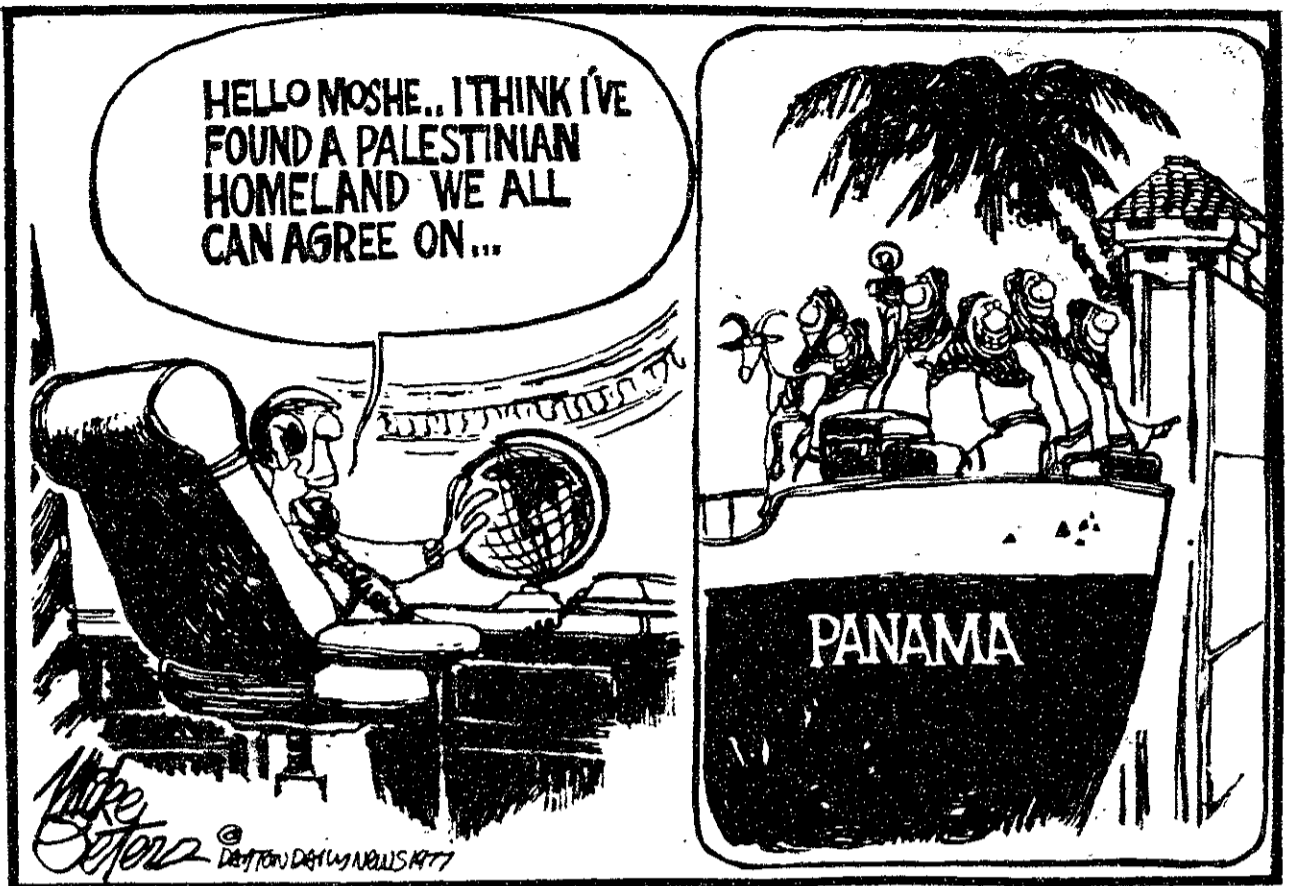
The Alhout situation cannot be compared to the fierce — and justified — storm of protest occasioned earlier this year when members of the American Nazi Party attempted to organize a march through the streets of Cicero, Ill. In that case, personal injury to survivors of the Holocaust and members of their families would have resulted from an open-air march which would have been difficult to ignore by those who objected and attempted to go about their daily business.

The difference between the Cicero march and the Alhout speech is not one only of degree. The expression of repugnant views in a manner calculated to injure others is not speech but action, and it need not be tolerated. The Alhout appearance can not be looked upon as anything more than the exercise of free speech.

Justice Oliver Wendell Holmes once wrote that "every idea is an incitement" to counter a charge that inciteful statements should be prohibited. Jefferson distinguished between belief and action, guaranteeing the former but not the latter. Speech, when it does not constitute a direct action against a person or group, should also be protected: for, if speech be denied, beliefs are themselves endangered.

Allowing free speech does not imply any sort of acceptance or approval of what is said. It does not limit the rights of those who object to what has been said to speak even more vehemently in refutation. Assertions that some have the right to speak elsewhere but not at MIT defeat the purpose of institutions of learning. Only by listening to, considering, and then accepting or rejecting opposing viewpoints can education occur.

here and now



feedback

Commons story 'an ad'

To the Editor:

I am sorry to see that *The Tech* has become an official advertising agency for Housing and Food Services. Your article ("Variety Marks Commons Plans" by Laurence Duffy, Oct. 14) is no more than an advertisement for Commons. I mention specifically the following points:

1) On the chart on the first page

"I thank those of you on commons who are helping me . . ."

of the story, you list the "average" savings over the a la carte prices of commons meals. You assert that this "average" is self-explanatory. I claim that it is not. As far as I can tell it is only the numerical sum of the maximum a la carte cost and the minimum a la carte cost divided by two, rather than the actual average cost of commons meals in the equivalent a la carte version. This "average" is totally useless since it could be asserted to be the "average" of a plan which featured minimum cost meals 99 days and maximum cost meals only one day. To thus present comparisons with this "average" with no explanation, thereby implying that you can expect to save 22.9% over the cost of a la carte meals by taking commons, is misleading.

2) Cleverly tucked away on another page of the same issue and not used in the comparisons on the first page of the article is a chart showing the costs per day of the various commons plans. This may have been done to make it less obvious that three of the seven plans cost more per day than the maximum a la carte daily price, including a limited plan where the maximum obtainable value for your money can be calculated exactly. These plans are: 200 points limited (3.7% over maximum), 200 points unlimited (19.7% over maximum!), and 300 points unlimited (2.8% over maximum). Possibly the plans where you pay for your meals whether you actually eat them or not work out the same way, since I am sure that Housing and Food Service counts on you skipping a certain number of meals each term. They can guess this number quite well on a statistical basis.

3) You mention that attrition

from commons is part of the reason why Food Service tries to be as responsive as possible to the students. I suppose that this is why there is occasionally talk of putting some dorms back on compulsory commons to help Food Service break even. It is also probably why there is a hidden commons cost in some dorms' room rent. (At least this was the

case some years back; I imagine that they stopped publicizing this fact due to the outcry it usually brought from students.) Of course, by changing the hidden cost judiciously, Food Service can make the apparent savings over a la carte prices appear to be anything they please, since these costs are not included in the comparisons.

4) You point out that Food Service is more of a service than a business, and that it only breaks even monetarily. I suppose that is why certain plans cost more than their a la carte price thereby sub-

sidizing a la carte — even though a la carte has a wider selection of menu choices) and why commons is contracted for in advance, thereby resulting in a loss of 5% interest for the students. Granted, you can choose the deferred payment plan, but you still have to pay more than one month in advance, and this option costs you \$20. I estimate that the cost to the student body for commons due to the lost interest alone will be \$3580 this term. Depending upon how MIT pays its suppliers, this amount or more will go to dining service, further subsidizing the a la carte prices. Although this amount is not very much per person, over two terms, this could have supported almost two full scholarships this year, or paid \$700 to each of 10 student activities.

5) You conclude by saying that Commons costs are modified each year to maintain a healthy budget, but apparently, as I have shown, it is not the students' budgets. In fact, I can get along quite well on Dining Service food at \$4.50 or less per day. I thank those of you on commons who are helping me to be able to do this.

Alan Cassel G
Oct. 14, 1977

New House names

To the Editor:

I have to disagree with a number of points raised by Kent Pitman in your news analysis of the New House dedication.

Firstly, Mr. Pitman seems to be under the impression that the four new names Ballard, Coolidge, Desmond and Lawrence are going to replace the dormwide name, "New West Campus Houses." This is incorrect. The building will still retain its old name, reminding us of MIT Housing's financial straits, while the four new names will only replace the individual house numbers.

The rest of the article demonstrates the lack of understanding many people have about New House. (This is especially sad since Pitman lived here!) How the simple act of naming four houses can add to disunity is beyond me. Until now we have lived with Russian House, Chocolate City, French/German House, Stooges III, Vardebedia and whatever else warped MIT

imaginations could concoct. To suggest that new characteristics are going to be created by the use of four more names is absurd!

New House is a special dormitory. Each of the six houses has the capacity to live autonomously or in cooperation with the rest of the dorm. This creates very tightly knit nuclei of fifty to sixty people, and an effective group of over three hundred. The individual houses throw their own parties, enter teams in intramural athletics etc., and the whole dorm organizes events such as the annual steer roast and R/O activities.

Surely New House is not ideal, but we're only beginning our third year and things are finally coming together. As the growing pains wear off things can only get better for us.

Mitchell Weiss '79, Chairman
Leonard D. Lawrence House
formerly Stooges III
formerly New House III
Oct. 18, 1977

The Tech

Mark J. Munkacsy '78 — Chairman
William Lasser '78 — Editor-in-Chief
Rebecca L. Waring '79 — Managing Editor
William H. Harper '79 — Business Manager
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NEWS DEPARTMENT

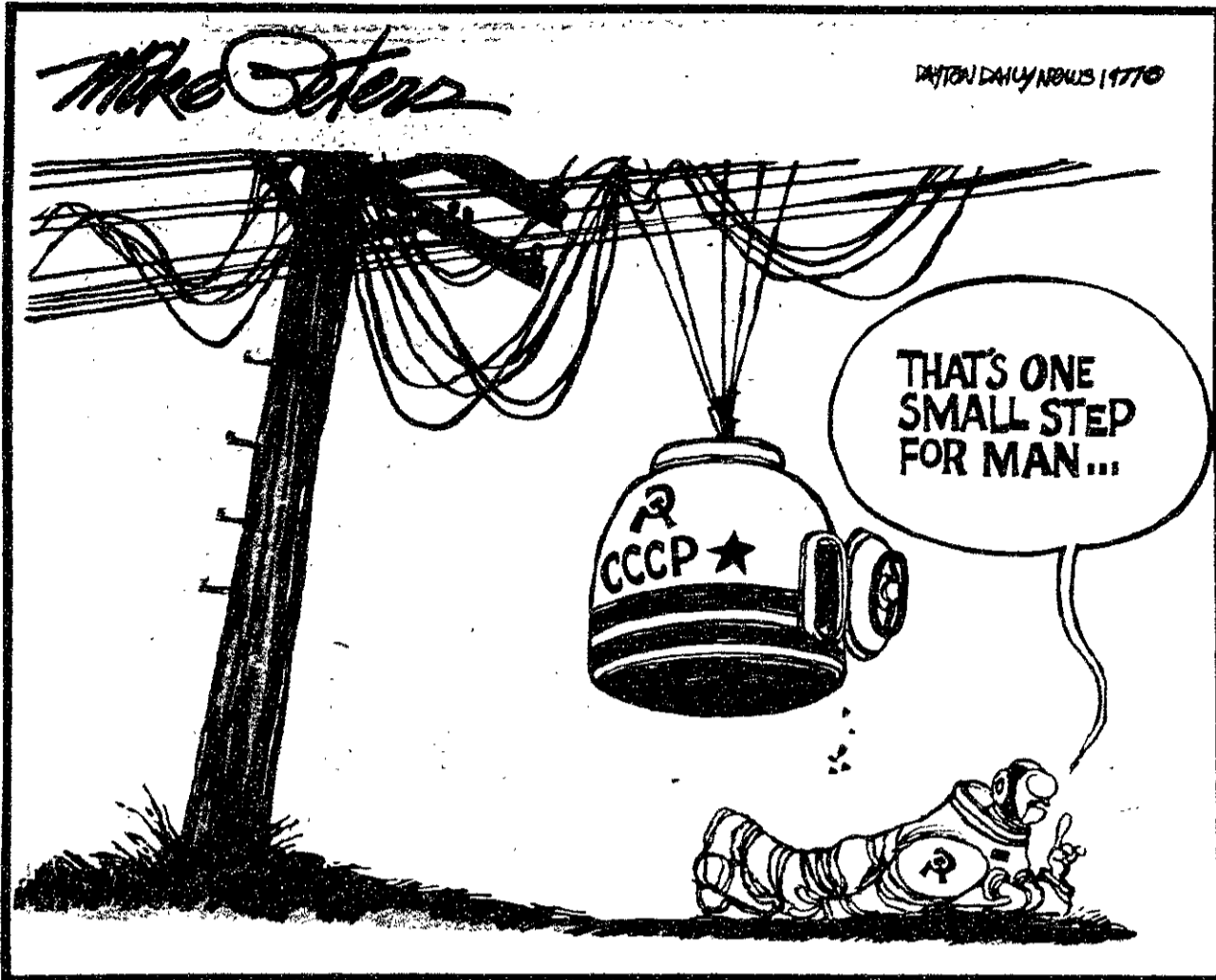
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opinion cont.



SCEP taking survey

Editor's note: The Tech received this open letter to the MIT Community.

To the Editor:

Recently, there has been much debate and controversy over two important academic issues, drop date and grading. The Student Committee on Educational Policy (SCEP) will be circulating a survey on these important issues during the following weeks.

The results of this survey will be shown to the faculty, the CEP,

and other interested parties. We would like to appeal to the students to answer the survey so that we may have an accurate measure of student opinion to present to the faculty.

Through this survey we hope to present viable alternatives backed by student opinion to the CEP and the faculty. Only with your cooperation can we get policies which will be beneficial to both students and faculty.

Stephen Besen '80
SCEP Secretary

Academic pressures may cause suicides

To the Editor:

The tragic death of Marc-Emile Deguire underscores a basic problem at the Institute, the extremely high pressure, and poor quality of life felt by most MIT students at some time during their academic existence. It seems to me, that most rational administrators, faced with this problem, would try to alleviate it rather than aggravate it. The recent suggestions for grade deflation, a shortened drop date, and only one term of freshman pass-fail grades will only serve to increase pressures at the Institute,

by limiting extra-curricular activities, increasing grade consciousness, and dramatically decreasing the overall quality of student life in general.

Although I did not know Mr. Deguire, or the incidents surrounding his death, I feel certain that academic pressures have a high correlation with the suicide rate at MIT. The University should be a place for social and intellectual growth, not of desperation.

Peter S. DeForest '79
Oct. 18, 1977

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Christine Kelly will be on campus October 24, 1977 to speak with students from all disciplines who are interested in the PhD and MBA degree programs. There are ten concentrations offered in the Business School, plus joint degree programs with the schools of Law, Journalism, Engineering, Public Health, Architecture, International Affairs, Social Work, and Teachers College. For further details, please contact the Placement Bureau.

GMAT

A new course is now available for persons with strong math abilities to prepare for the Graduate Management Aptitude Test at an accelerated rate. This course is designed for students from MIT and is not available anywhere else. The focus of this course will be on advanced methods for solving 300 GMAT math problems, as well as on business judgment and verbal skills.

Class times will be 9:00 AM to 5:30 PM, Saturday and Sunday, Oct. 29 & 30. Class size is limited to 15 persons. If you are headed for an MBA this is too important to miss. Decide now. We may not be able to guarantee reservations after October 22. Call or write:

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an extremely rapid pace, we are committed to retaining the same creative environment that yielded the V/5, V/6 and V/7. We are still small by computer industry comparisons. We are still friendly. We still enjoy attacking tasks because we think it's fun. And we still reward personal efforts with personal recognition.

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hardware-related, software diagnostic engineers, design automation programmers, and control programmers for our mini-based console.

ON-CAMPUS INTERVIEWS:
Tuesday, October 25

amdahl

Logs enjoy performing before MIT audiences

By Daniel Nathan

(Daniel Nathan '79 is a member of the Logarithms.)

When the Logarithms escape through music you can be sure that many will follow to hear their a cappella close-harmony singing. Their style is often characterized as "barbershop," but their performances go well beyond the scope of that term.

The Logs are a group of male singers which chooses its members through audition from the undergraduate student body. The Logs present at least two large free concerts on campus each year in addition to the many impromptu concerts they often give around the Institute.

The Logarithms are very concerned with MIT tradition, and they view part of their function to act as a link with the school's past. The group has an active history, dating back to 1949 when it formed as a splinter of the now defunct Glee Club. Since then there have been many records, concerts and tours, including visits to Washington DC,

Philadelphia, New York, and Florida within the last two years. A two-week tour of California is planned for this year.

At MIT the Logs have become a fixture at alumni and corporation gatherings, as well as performing for numerous other groups on campus. In addition, the Logs do not neglect the Boston community. Besides singing at bars and parties in town, the Logs devote much of their time to visiting hospitals, nursing homes and soldiers' homes. The strongest commitment the Logarithms have is to themselves, however. It comes naturally, though; in the process of entertaining others they entertain themselves. They thoroughly enjoy their rehearsals, and all of them love music.

MIT will have its first chance this year to hear the Logs when they present the first annual Greater Boston Invitational Songfest on the Kresge stage next Friday night, October 28. Other groups from local Boston schools will be joining them. Remember, the Logs will be committed to giving you a good time.



Logarithm Charlie Hoffman '80 is surrounded by fellow singers (l. to r.) Dan Nathan '79, Jeff Jackson '80, Bill York '79, Dave Mock '79 and Doug Bittner '79. The Logs first concert of the year will be on October 28.

Short Eyes a powerful depiction of prison life

Short Eyes, a Film League release; starring Bruce Davidson and Jose Perez; produced by Lewis Harris; directed by Robert M. Young; screenplay by Miguel Pinero; playing at the Saxon and the Charles; rated R.

By Bill Rathbone

Short Eyes, a new film written by Miguel Pinero and directed by Robert Young, is an explosive, touching, and very real drama of prison life. The movie was filmed entirely on location in "The Tombs," the

Manhattan House of Detention, and features a cast of professional actors, ex-convicts and street people.

As Young's second feature film, Short Eyes is a powerful follow-up to his Venice Film Festival winner, Nothing But a Man. Young has won numerous awards as a documentary film maker, and has produced many Emmy winning television specials. His fictional features normally tend to incorporate a bit of documentary technique, and Short Eyes is no exception.

The screenplay is based on Pinero's Obie and Drama Critic's Circle award-winning play, and draws upon his own experience as an inmate at Sing Sing. It stars Bruce Davidson as Clark Davis, a part mixture of strength and weakness.

The story centers around the reaction on a prison floor to the presence of Davis, a new inmate. He is charged with child molesting, or "short eyes," the one sin the other prisoners find unforgivable. They act against Davis, a pale, weak figure who is obviously fraught by deep psychological problems, in a shockingly violent manner.

The high tension of the drama is occasionally offset with humor, adding a bit of light to an otherwise dark and brutal story. One such scene is a prison roach race, complete with odds and cigarette betting. A crowd is huddled around a cardboard track, cheering and yelling while captive roaches race each other. After one heat, the roaches get loose and everyone scrambles to get on top of the table, ter-

rified. The sight of these men, who had moments before been so cold and tough, running from a few roaches is totally hilarious.

Certain parts of the film are weak, particularly the scene in which guest star Freddy Fender and Curtis Mayfield combine in a pointless and uninspiring prison



Miguel Pinero jokes about a mean stunt he has pulled on a fellow inmate in Short Eyes, which he also wrote.

Diane Keaton shines in a confusing Goodbar

Looking for Mr. Goodbar, a Paramount Pictures release; starring Diane Keaton, Tuesday Weld, William Atherton, Richard Kiley, and Richard Gere; produced by Freddie Fields; written and directed by Richard Brooks; playing at Sack Cheri, Chestnut Hill Cinema, and Showcase Woburn; rated R.

By Drew Blakeman

Diane Keaton has finally proved what many people have suspected all along — that she is an excellent dramatic actress. Earlier this year in the title role of Annie Hall and now as Theresa Dunn in Looking for Mr. Goodbar, Keaton has finally come out of Woody Allen's shadow and into the

Keaton's portrayal of Terry Dunn is most definitely of Academy-award caliber. A teacher of hearing-impaired children by day, at night Terry is transformed into a bar-hopping cocaine addict trying to pick up men, and usually succeeding. Keaton shows both sides of her character well, and the transitions from one to the other are remarkably fluid.

Richard Kiley as her father is very good in his stereotyped role as the domineering head of the household. Although Mr. Dunn loves his daughter dearly, he feels that she is still immature and incapable of making her own decisions. Tuesday Weld is effective as her slightly dippy sister, who is always either pregnant or in some other

her a goodnight kiss. The script never explains why she constantly pairs off with weirdos, crazies, and freaks.

Looking for Mr. Goodbar is an enigma. Terry's character is never explored beyond the surface. Why she does what she does is shown only in passing in a few flashback sequences. Perhaps this is the biggest failing of this film: director-writer Brooks does not delve into any of the characterizations beyond a few minor superficialities.

The cinematography is adequate, but

many of these techniques are lifted from other movies, too. It would appear that the makers of this movie only had enough original ideas for half a feature, and are hoping for a success by banking on the past successes of others.

Looking for Mr. Goodbar is a decent movie. It is a thriller, and some scenes are terrifying. The quality of the acting is superb. However, the use of already overused techniques detracts greatly from this film.

"Keaton has finally come out of Woody Allen's shadow and into the spotlight she deserves."

spotlight she deserves.

The rest of the acting in Goodbar is equally as good. Unfortunately, however, Richard Brooks has filled his movie with a great number of cinema clichés, the worst offense being a direct steal of the now-famous shower scene from Hitchcock's Psycho. The triteness of some of the scenes tends to neutralize the originality of the others.

trouble caused by men.

Terry's various lovers are quite an odd lot. Three of them, played by Richard Gere, Alan Feinstein, and Tom Berenger, are respectively a cocky punk, a chauvanistic boor, and a homosexual psychopath. One other, a meek social worker played by William Atherton, is quite different from the rest. Although Terry attempts to seduce him, he will not even give

Titanic novel a thriller

Raise the Titanic by Clive Cussler, Bantam Books, 377 pages, \$ 2.25.

By Drew Blakeman

On April 15, 1912, the Titanic sank into the chilly waters of the North Atlantic after striking an iceberg. It was the largest and most luxurious ocean liner of its time, and there is still a mystique surrounding this ship. Clive Cussler has used this tragic event as the basis for his latest action-packed novel, Raise the Titanic.

The main part of this book takes place in 1987, with the United States and the Soviet Union at an arms standstill (so what else is new). The President and a small group of the country's best scientists have devised a

top-secret defense weapon, which would destroy enemy missiles as they are intercepted by a sensor web. The only catch — the rare mineral byzantium is needed to complete the project, and the world's entire supply is in the hold of the Titanic.

All of this is completely fictitious, of course, but it does provide for an exciting book. Cussler has made a premise as implausible as this seem tantalizingly possible with his crisp style of writing. There are the requisite espionage subplots (you didn't think the Russians would take this lying down, did you) and a few obligatory sex scenes, but the best sequences in this novel

(Please turn to page 7)

arts cont.

Titanic story fictitious
in new Cussler book*(Continued from page 6.)*

involve the technical aspects of raising the ship from nearly three miles underwater.

The characterizations are not completely developed by Cussler, but that is to be expected in this type of fast-paced thriller. *Raise the Titanic* could have been tightened by eliminating many of the non-essential subplots, but the book does not suffer at all from their being included.

Cussler keeps a good flow of constant

activity among the several different story lines. No part of this book drags. Everything comes to a head in the heart-stopping climax, which features a Russian assault on the raised-but-sinking again Titanic during the middle of a hurricane.

Raise the Titanic is an interesting and readable book. It makes no statements other than introducing the hypothesis that the Titanic could someday possibly be raised from the bottom of the Atlantic.



"Whaddaya mean, I missed my cue?" The Shakespeare Ensemble will be presenting one of the Bard's best comedies, *Love's Labor's Lost*, tonight, tomorrow, and Sunday at 8pm each night in the Sala de Puerto Rico. Sunday's performance will be the 100th ever for the Ensemble.

By Paul Hoffman
MOVIES

Jabberwocky and *Monty Python and the Holy Grail* — *Jabberwocky* is the slowest moving Monty Python movie to date. It didn't have the pacing that most of their other movies had. *Holy Grail* is one of the funniest films I've ever seen. Silly. Cinema 733, Friday.

Taxi Driver and *Mean Streets* — Two films by Martin Scorsese starring Robert DeNiro. Movies about life as it really is in the streets; both are very heavy. Cinema 733 and Harvard Square, Saturday, Sunday.

A Hard Day's Night and *Let It Be* — Both are Beatles movies. *A Hard Day's Night* is a superb statement on the beginnings of Beatlemania, and the theory of frenzy. *Let It Be* is cinema verite, which as a rule is boring. Harvard Square, Saturday midnight.

A History of the Beatles — Two hours of what the title says. The Music Hall has good acoustics, so it may be worth it. Boston Music Hall, Friday, Saturday.

Cria! — An arty film about how a child deals with the loss of her parents. Many rave reviews for this one, but Boston reviewers are schizophrenic. Orson Welles.

Short Eyes — Based on the play by Miguel Dinero about life in the prisons. Charles and Saxon.

Black and White in Color — A drama about African outposts before WWI; it won the '76 Oscar for Best Foreign Film. Galeria.

Kentucky Fried Movie — The original stage production was phenomenally funny. The movie loses some of the momentum, but is still an interesting alternative to Monty Python. Beacon Hill.

Oh, God! — George Burns plays God. John Denver plays a supermarket manager. God comes back to earth just to let us know he's around. Cheri.

Valentino — Rudolph Nureyev plays America's heart-throb in this quasi-biography. Apparently pretty insensitive to gays and women. Cheri.

Fantasia — My review last week was

based on mis-information. I saw it in L.A. where the stereo was wonderful. Friends say that the stereo here is terrible. Pt. Alley

MUSIC

Arlo Guthrie — (Brandeis University, Sunday) Arlo is very fine in concert. Good, mellow folk music that is not laid-back.

Jerry Jeff Walker — (Harvard Square Theater, Friday) Also a fine folk musician Jerry is known more in country circles, he plays excellent guitar. Also appearing is the group Asleep at the Wheel.

AROUND MIT

PKS Skuffle — (530 Beacon St., Saturday 8pm) A bi-annual halloween party, it was excellent (but crowded) two years ago. Couples only, free with MIT or Wellesley ID's.

Love's Labours Lost — (Sala de Puerto Rico, Friday, Saturday, Sunday 8pm) MIT Shakespeare Ensemble's production of the classic comedy. The Ensemble is always energetic, active and well-directed.

M — A classic. MIT Film Society. 7:30 and 9:30pm in Room 6-120, Friday.

Strat's Rat — (Lohdell, Friday 8:30pm) Music, cheap beer, dancing and drinking. Usually many of the "mildly desperate" show up.

Monty Python Meets Beyond the Fringe — (Kresge, 8 and 12pm for MIT and Wellesley folks, 6 and 10 for any college ID) LSC people assure me that it is really funny. Monty Python fanatics (and lumberjacks) will probably see all four shows.

Modern Times — Charlie Chaplin's superb hack at technology. It's extremely appropriate for MIT audiences. 7 and 9:30pm in Room 26-100, Saturday.

North by Northwest — Hitchcock's best uses of cinematography are in this film. The movie is witty and poignant, and not terribly scary. 6:30 and 9:30pm in Room 26-100, Sunday.

BEST BETS

Love's Labours Lost and LSC movies all weekend.

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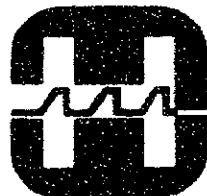
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BSU disclaims leaflet

By Mark James

The Black Student Union (BSU) has disavowed a statement attributed to it protesting statements made against the Palestinian Liberation Organization (PLO) in the October 13 issue of *thursday*.

The statement, which was circulated Monday in Lobby 10 called on students to "Protest *thursday's* Racist Issue."

It was signed by the Pakistan Students Association at MIT, the Indian Peoples Association of North America, a Group of Concerned South Asians, the Eritrean Students Organization, and the Political Action Committee (BSU).

Steve Lawrence '78, a co-chairman of the BSU, told *The*

Tech that neither the BSU executives nor the Political Action Committee had approved the statement. He said that he was "very upset."

"I don't support that letter," he added.

Lawrence said he had spoken to those handing out the statements, and that they agreed to stop distributing statements bearing the BSU's name. The distributors said that several BSU members backed the statement, according to Lawrence.

"When black students speak," he maintained, "It is automatically construed that they speak for the BSU."

This is not true, he said; "only executives [of the BSU] can make statements" for the group.

Mack calls for courses to bridge cultural gaps

(Continued from page 1)

relations, I hereby inform the Committee that I wish to withdraw my complaint against the Technology Community Association and further that we (here I am also speaking for Professor Johnson) wish to withdraw our complaint against David Soule.

Mack said the charges were withdrawn because "nothing further was to be gained by persecuting students." He said that the apologies of TCA and Soule were "appreciated," but

were not the major reason for dropping the charges."

Soule said that a third charge against the editorial board had been dropped earlier.

Mack called for freshman requirements in humanities designed to expose students to different cultures — "What it's like to be a Jew, to be Irish, . . ."

The charges were brought after a picture of *Technique* mascot Grogo — a small statue of a gorilla — appeared in the *Picturebook* with the caption "Harvey Grogo — Kampala, Uganda."

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Breeder use may be safe

(Continued from page 2)

learned about optimization, there's a great deal to be learned making the components and turning it into a commercial venture. But the available Uranium-238 to be transmuted into plutonium has an energy content that exceeds the known coal reserves. So it's certainly a very attractive ace-in-the-hole, and that's the role that I think the breeder should play, the ace-in-the-hole, in the event the alternatives do not develop, or if they are developed and found to be less desirable than the breeder.

The Tech: Can we build a breeder reactor and still protect the public safety, not only in terms of a disaster from the plant itself, but also from terrorist activities?

Hansen: The safety of the breeder reactor is not something I have studied very extensively. My personal feeling is that they should not be licensed unless they represent no more of a risk to the public than existing light water reactors . . . And I haven't done that study, so I can't answer the question of whether they are inherently safer or not. I don't know. But with regard to the question of proliferation, or theft, that's a technical problem, and I think that one can be handled fairly easily. We have experience in safeguarding lots of precious materials, and I think without too great a stretch of the imagination we could protect a plant from terrorist intrusion, you could protect material that is being transported from being captured in one way or another. I don't consider that a fundamentally intrinsic problem with development of the breeder. It may be expensive to guarantee that it's not captured, but I think that would be all.

The Tech: Thank-you.

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MIT song had popular appeal

Professor of Civil Engineering G.E. Russel '00 won a \$ 200 prize for composing this song for the 1923 Tech Show. Entitled "a hymn for MIT," it was described as having the "popular appeal, rhythm and virility that will satisfy the demands of a group of engineers, who quite naturally put life and snap ahead of real musical quality."
(Reprinted from *The Tech*, April, 1923.)

Technology, in tribute true
Our song to thee we raise.
Our hearts unite, our voices blend
In simple words of praise.
Thy sturdy sons in countless throngs
On every land and sea
Pause in their toil and stand upright

To hail thee, M. I. T.
we hail thy noble men of faith,
We follow where they led.
Thy splendor and immortal name
With glory crown each head.
With true, devoted, loyal hearts
Their lives they gave to thee.
We march with courage in their strength
To strive for M. I. T.
The laurel leaves that crown thy head
Were never won by might.
In every land thine honored name
Stands strong for truth and right.
So shall thy sons in marshalled host
Stand firm and strong for thee.
Each battle fought, each victory won,
A palm for M. I. T.

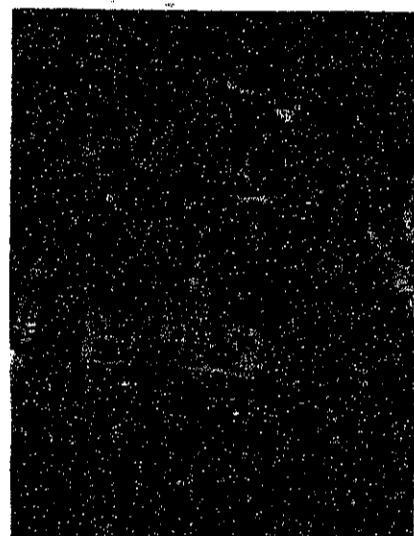


Blood drive chairman hopeful

By David B. Koretz

*A Tech Tool had thought,
"Life is a dud,
I do nothing but study this crud."
He decided to repent,
And now he's content,
For he has donated a pint of his
blood.*

— The Tech, circa 1975



Douglas Birdwell

Blood Drive chairman Lucy Everett '78 is optimistic about the turnout for next week's blood drive. Increased cooperation from the Personnel Relations office as well as an IFC challenge to the Dormitory System should insure an excellent drive.

The coordinators of this fall's MIT blood drive are hopeful that the drive will be the first in over four and a half years to collect 2,000 pints.

The drive's chairman is Lucy Everett '78 of the Technology Community Association, the group that sponsors five drives on campus throughout the year in conjunction with the Technology Matrons and the Red Cross. Everett told *The Tech*, amidst the pressure of pre-drive preparation, that with increased cooperation from the Personnel Relations office, this fall's drive should get a better turnout from faculty, staff and other employees.

A higher turnout is also expected from students, particularly dormitory residents, due to a challenge issued by the Interfraternity Conference (IFC) "to the members of the dormitory system ... to exceed the amount (in absolute number of pints) of blood donated by the fraternity system during the upcoming blood drive."

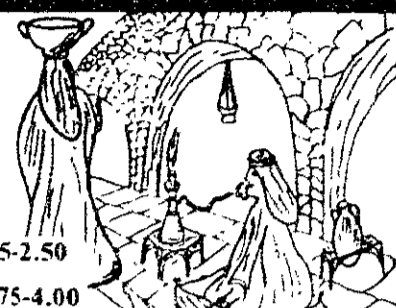
In previous drives the fraternity system has consistently outdrawn the dormitories, even though more students live in dorms than in frats and there has been no

direct competition between them. Competitions for highest donor percentage are held among dormitory living groups and among fraternities, however. Last spring, when a total of 1,595 pints were collected, Theta Chi and Phi Delta Theta each had 100 percent participation. Among the dormitories, Connor 4 led Connor 5 and French House for the traditional kegs of beer.

Everett emphasized that students and others are encouraged to make appointments in advance, so that the Red Cross might more easily estimate the number of nurses to provide.

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Design contest challenges profs & students

By Gordon Haff

The annual contest in 2.70, Introduction to Design, is once again approaching. This year's contest is called "Thing of the Mountain." The object is "to design and build a device which wins a series of contests in each of which it must 'outclimb' an opponent device on a specified sand mountain."

The 2.70 design contest was first conceived of in 1970 by the present head of the Mechanical Engineering Department, Professor Herbert Richardson, who taught the course that year. He gave the students a "creativity kit" and told them to make something useful. However, according to Professor Woodie Flowers who assisted as a graduate student that year and has been teaching the course himself since 1974, "the students spent so much time figuring out what to do that they got very little done."

In 1971, a more rigidly structured contest was devised. It consisted of building a device to reach the bottom of a sloped wooden ramp in exactly three minutes. The winning entry's distance was off by only half of one percent of the length of the ramp. Flowers remarked that there are so many students enrolled in the class today that a three-minute time for each contestant would be unfeasible.

Conceiving the annual project is a long, drawn-out procedure. Flowers and the nine other faculty members involved in the course this fall started discussing possibilities for the contest about eight months ago. They discuss such factors as feasibility and how a particular contest will allow a variety of different designs. As the summer wears on and even after the term begins, they make minor rule clarifications which, while insignificant to the contest as a whole, might be crucial to an individual's design.

The materials in the "kit" from which the project must be built are varied and, in many cases, rather unique. Flowers said that the staff "tries to provide materials which allow the most reasonable solutions, materials which can be made into wheels, axles, etc."

Sometimes the contest is shaped by kit materials. This year through Dr. Richard Chen, one of Dr. Edwin Land's assistants and a former member of the MIT staff, the Polaroid Corporation donated motors from their SX-70 camera to be used as power sources for the "Thing." The motors were also donated to Princeton which is running a similar contest this year.

Flowers considers the project to be the most important part of any design course. He said, "I regard the first project in 2.70 as a microcosm of the engineering design process. The student is forced to do the best he can in a short amount of time using limited resources. He is then evaluated in a very real manner." He added that "grading doesn't follow how well one does in the contest, only how much work he puts into it."

Since MIT started the contest seven years ago, the idea has been picked up by some other schools. A film was made of 2.70's "Tugger" contest last year and, according to Flowers, many schools



Gordon Haff

Corey Chaplin '79 prepares his "thing" for next Tuesday's "Thing of the Mountain Contest" elimination round. The final competition will be held Thursday at noon in Room 26-100.

after seeing the film expressed interest in developing a similar program. However, he added that he did not know of any schools

significantly larger than MIT which have any courses with a significant amount of physical design work.

The first runoffs for this year's contest will be held next Tuesday at noon in Room 26-100.

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sports cont.

Water polo sunk at Brown

By Gordon Hoff

Last weekend, the MIT varsity water polo team went to Brown to face New Mexico State, Loyola (Chicago), and Indiana. MIT lost by the scores of 13-0, 19-4, and 15-2 respectively.

Even though they are all scholarship schools and Loyola (Chicago) was ranked seventh in the country in NCAA Division I last year, Coach Benedick did not see this as an excuse for the team's performance. He said that, as against Brown the weekend before, the team did not play up to its ability. He also remarked that "all the teams were very, very experienced and we backed off on them."

MIT took thirteen people down to Brown for the games including the two goalies, Pete Griffith '79 and Sherman Elspas '80. While less than pleased with the rest of the squad, Coach Benedick was happy with his goalies. "Pete was spectacular as usual and Sherman played two of his best games ever. He has grown a lot in effort and game sense."

Despite the results from the three games, Benedick is, as a whole, content with the way the team has progressed. He noted a desire to win and put in the effort as well as a growth of individual skills. The primary thing which the squad still needs to work on, according to Benedick, is second

effort, looking for the ball and playing aggressively to get it.

Benedick said that the games were great practice for the team. As team captain Dick Henze '77 remarked, "practice seemed like child's play compared to last weekend's games."

The MIT Water Polo Tournament is this coming weekend. MIT will play UMass, who they beat earlier in the season, and perennial rival Harvard. While Harvard probably does not have as good a team as Yale, whom MIT defeated two weeks ago, they will probably be psyched up for facing MIT. It promises to be a good game.

Redskins to gain revenge

(Continued from page 12)

Denver 23, Cincinnati 21 — The Broncos won't let their thrashing of Oakland go to their heads too much, and will manage to hold off a late Bengals surge.

Tampa Bay 7, Green Bay 6 — In the Bay Bowl the Tampa squad will end their winless skein at the Packers' expense. Poor Bart Starr. Imagine the disgrace of being the Buccaneers first victim.

Baltimore 24, New England 23 — The Patriots are going to put a real scare into the Colts, but a last minute offensive explosion will keep Baltimore undefeated.

St. Louis 27, New Orleans 19 — The only hope the Saints would have to win this game would be if it were being played before a sympathetic Superdome crowd. It isn't.

Miami 53, Seattle 0 — After their hard-fought victory over Tampa Bay, the Seahawks will be totally humiliated by the ever-improving Dolphins.

Washington 30, New York Giants 17 — This time they're playing in Washington. This time Mike Thomas won't fumble. This time the Giants won't win in the last three seconds.

San Diego 23, Kansas City 14 — The Chargers are still hot, and will beat a Chief team that can be stubborn even though they have yet to win.

Los Angeles 13, Minnesota 9 — Get out the No-Doze. After a string of extremely exciting Monday night games, this one will be an even better soporific than Johnny Carson

Last week: 12-2 .857
Season: 50-20 .714

sporting notices

Entry forms for intramural hockey are due at 3pm today. Get Player's athletic card numbers must be included on the team rosters. Team entries will not be accepted from any group having unpaid fines. Contact Phil Zylberman at 247-7775 for more information.

There will be a meeting on Mon., Oct. 24, in the Student Center, Room 407 at 5pm for all persons interested in joining the MIT Ski Team.

IM Soccer Standings

A — League (Independent)	W-L-T	Points	C1 — League	W-L-T	Points
Hellenic Club	3-0-0	26	Aero Astro	2-0-1	20
African Stud. Assoc.	1-1-0	12	Bexley	1-1-1	11
Brazilians	1-1-0	10	F-Entry Vigilantes	1-0-0	7
Chinese Soccer Tm.	1-1-0	9	PKT	1-0-0	6
Mech.-Nuclear Eng.	1-1-0	8	Chokin' Tokers	0-1-0	2
Club Latino	1-1-0	7	Burton H. Tooeys	0-2-0	2
Economics	0-2-0	1	C2 — League		
Chemical Eng.	0-2-0	1	PKS	2-0-0	17
A — League Living Group			ZBT	2-0-0	14
Delts	3-0-1	29	ATO	1-1-0	7
Fiji 'A'	1-0-2	15	PSK	0-1-1	3
F.O.F.M.N.(Baker)	1-1-0	10	Burton 5 Smokers	0-2-1	3
BTP	1-2-0	9	PBE	0-1-0	0
LCA	1-2-0	9	C3 — League		
E. Campus Strikers	1-2-0	8	PDT	3-0-0	25
Sigma Chi	0-1-1	3	Kicks (MacG A)	1-1-0	10
B1 — League			New Ill Stooges	1-0-0	9
SAE	2-0-0	16	Mac C	1-2-0	7
AEPI	2-0-0	15	Conner C	0-2-0	0
Chi Phi	1-1-0	9	DU	0-1-0	1
SPE 'B'	1-1-0	9	C4 — League		
No. 6 Club	0-3-0	2	Baker Bumpkins	2-0-0	16
Pi Lam 'B'	0-1-0	0	Burton One	2-0-0	16
B2 — League			Mets	1-1-0	9
Hydro's	2-0-0	16	Stud House-NRSA	1-1-0	7
Siam	1-1-0	11	Russian House	0-2-0	1
Nuclear Eng.	1-0-0	8	McCormick	0-2-0	1
H Steppers (Baker)	0-1-1	4	C5 — League		
TDC Cabrones	0-2-0	1	Small Living Place	1-0-0	9
Conner 'B'	0-1-0	0	Burt Third Bomb	1-0-0	8
B3 — League			Sloan	1-0-0	7
Virjns	2-0-0	16	The Family Part 3	1-1-0	7
The Valar (KS)	1-0-1	10	ADP	1-2-0	6
Korean Stud. Assoc.	1-1-0	8	Dribblers (Baker)	0-2-0	1
MacGregor E	1-1-0	7	C6 — League		
Theta Chi	0-0-1	3	Fiji 'C'	2-0-0	15
Seventh West	0-3-0	0	Dekes	1-1-1	13
			K Booties (TC)	1-0-1	12
			TEP	1-1-1	11
			SPE 'C'	1-2-0	6
			PKA	0-2-1	5

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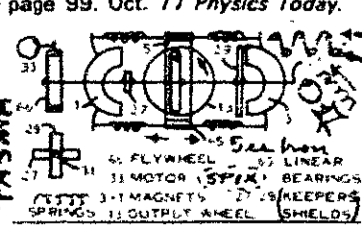
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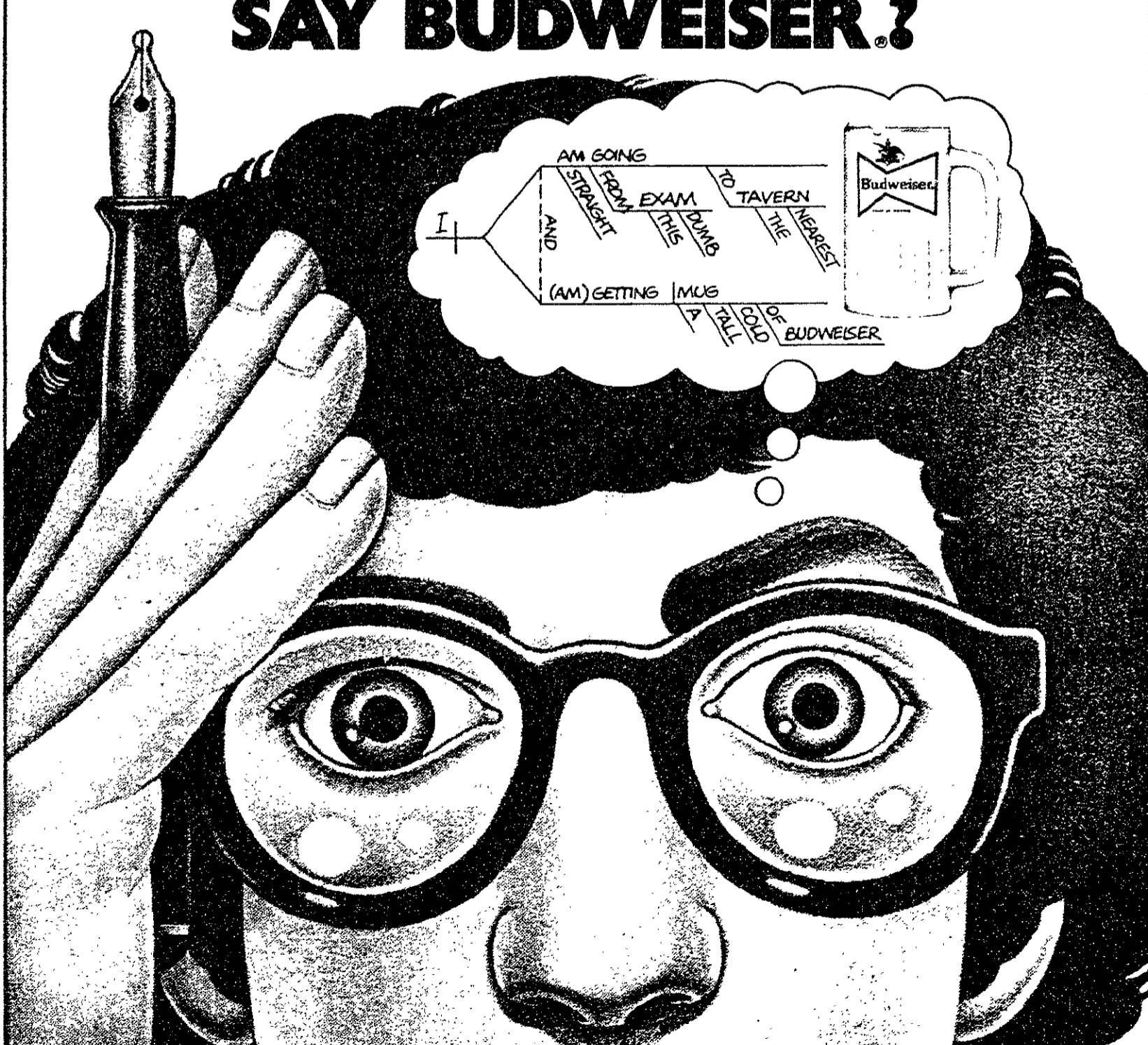


Diagram text: AM GOING FROM STRAIT AND TO TAVERN NEAREST THIS DUMB THE (AM) GETTING MUG A TALL COLD OF BUDWEISER

sports

Sailors disappointed, take 3rd in NE races **Fall wrapup** **Golf's season successful**

By Hatch Brown

The varsity sailing team finished a heartbreaking third in the New England Team Racing Championships held last weekend at MIT.

Unlike standard sailing competition, the Team Racing Championship pits three boats from one college in a duel against three boats from another school. MIT finished with a record of 7-2 to narrowly miss qualifying for the North American Championships in California. Tech's losses (to Yale and Tufts) were by only a fraction of a point in each match, and the actual difference in finishes was only a matter of inches at the finish line.

In the matches against both Yale and Tufts, the MIT team held a narrow lead starting the last critical windward leg only to be overcome when the opposition applied desperation covers and tactics just before the finish. Tech's victories were over Harvard, Boston University, University of Rhode Island, Coast Guard Academy, Bowdoin, Brown and Northeastern.

The varsity teams will host the Greater Bostons on Saturday and the Smith Trophy on Sunday, October 22 and 23. The Smith Trophy has an entry list of 21 colleges. MIT also travels to Navy to race 44-foot yawls in the McMillan Cup competitions. The McMillan Cup is collegiate sailing's oldest competition, dating back to the early 1930's.

The women's team was sixth in a field of twelve colleges at the Intersectional Regatta held at Yale. Strong winds and high seas worked against the light-weight Tech team. Despite the difficulties of extreme conditions and strange boats, the women were in a battle for fourth place until the last race.

The freshmen, in a regatta at Tufts, finished a close second to the host Tufts team in a field of seven schools. Skipper Dave Kuller, with crew Keith Robine, had strong performances in the tough 'A' Division. In preparation for the New England Freshman Fall Championships in two weeks, the freshmen team will represent MIT in two varsity regattas this weekend at the Coast Guard Academy and at home.

By Doug Wegner
Editor's note: Doug Wegner is the manager of the varsity golf team.

The MIT golf team completed another successful fall season on Sunday, competing in the ECAC Championships at Hamilton, New York. Qualifying for the tournament for the first time, the team placed in the middle of the 14-team field comprised primarily of Division I and II powers.

The team was led by Mark Swenson '78 and Mike Varrell '79 who each shot 168. Swenson and Varrell also led the team in the qualifying tournament at Dart-

mouth, again tying, this time at 77. The team finished second only to the home team in a field of 18.

Les Suna '79 and Mark Marinen '81 rounded out the scoring at 81 and 82 respectively for the dark horse Engineers.

In the other major tournament of the year, the New England, the team placed 16th in a field of 44. Marinen led the scoring at 77. Swenson and Varrell had 83 and 81, while Bob Cosway '80 and Mark Hughes '79 rounded out the scoring with 85's.

During the regular season the team posted a 5-1 record. BU was the first victim early in the season.

A loss to St. Anselm's followed in a close match. The team ended the season by sweeping Northeastern, Merrimack, Bentley and Boston College. Highlights were Swenson's 77 and Vorrell's 78 against Merrimack and Northeastern in a dual meet and four sub-80 rounds against BC and Bentley by Swenson, Vorrell, Doug Wegner '79 and Marinen. Marinen won his match with BC with a birdie on the first hole of a playoff and Varrell broke a 4-4 match tie with a par on the first hole. Marinen played solidly the entire year and promises to be a mainstay in years to come.

Field hockey new MIT sport

By Michael Taviss

This year women's field hockey joins the ranks of MIT's varsity sports. Although the team needs much more experience, they are improving quickly, and should be tough opponents within a short time.

The Engineers are made up of last year's club team, plus some new freshmen players. They have only twelve players, which is just one more than is necessary to play, but most of these are freshmen and sophomores, so next year's team will have a strong backbone to build on. Without even enough players for

a scrimmage, experience has to come in actual games, which can be costly.

There are five players on the team who have never played before. The Engineers have a relatively good forward line which just needs practice to get into shape. The defense is very weak, though, and in the game against Fitchburg State College on Monday, the opposing forwards easily punched their way through.

In that game, MIT was shut-out on its own turf, 8-0. This was the sixth game of an eleven-match season in which MIT is 1-5. The

team beat Clark 3-2 in the first varsity field hockey victory every by MIT.

As Coach Deborah S. Clum remarked, "We've really come a long way, but we've really got a long way to go." She also commented that there is "quite a difference" between the way the team plays now, and the way that they played at the beginning of the season. She is assisted by Jean Heiney, and the team itself is co-captained by Diane Ozelius '79 and Connie West '80.

The team next faces Framingham State, away, tomorrow at 1:00pm.

Booters shut out 1-0



Bill Uhle '81 (26) battles a BC defender for the ball in Tuesday's game

By Bob Host

A second half goal provided all the scoring Boston College needed in a 1-0 soccer victory over MIT on Tuesday.

MIT had many good chances throughout the game, but the BC goalie made numerous saves and continued the pattern present in all four MIT defeats — the Engineers have been shut out in all their losses.

The game was scoreless at half-time, and Coach Walter Alessi admitted that a puddle near the MIT goal "saved us" a few times in the first half when BC passes ended up in the water. Although the sun and wind were in MIT's favor in the second half, and BC was "definitely a team we can beat," according to the coach, a shot near the 3/4 mark went past MIT goalie Jamie Bernard '79 and was the only score of the

game. Alessi stated after the game, "If you can't score, you can't win."

MIT forward Rich Okine '78 did not suit up for the game due to a groin pull; however, he is expected to be ready for today's game at Holy Cross, and if his past play is any indication, the offense might be able to pick up somewhat with him in the game.



Friday

Soccer at Holy Cross ... 3pm

Saturday

Sailing in McMillan Cup at Navy 9am
Tennis in New England at Amherst 9am
Sailing in Oberg Trophy at MIT 9:30am
Sailing in Shields Invitational at Coast Guard 9:30am
Women's sailing in NEWISA Victorian Coffee Urn at Radcliffe 9:30am
Cross country vs. Williams at Tufts 1pm
Water polo in MIT Tournament all day

Sunday

Sailing in Smith Trophy 9:30am



Sunday

Sailing 3rd at MIT
Women's sailing 6th at Yale

Monday

Fitchburg St. 8, Field hockey 0

Tuesday

BC 1, Soccer 0

Women's rugby seeking win

By Connie Cotton

Editor's note: Connie Cotton is the captain of the MIT women's rugby team.

After dropping their first two games to the women's rugby teams from Portland and Brown, the MIT Women's Rugby Club fought to a 4-4 tie with MacDonald College from Montreal last Saturday.

MacDonald drew first blood as they caught the MIT backs off guard and passed the ball out to the wing for the first score of the game. The conversion attempt failed, and the Beavers marched downfield after the next kickoff in a series of plays that put them in scoring position on their own five yard line. Scrum half Jan Hammond G repeated her performance against Brown the week earlier as she received the ball from the scrum and crashed through MacDonald's defenders for the only Tech score of the game.

Tech played most of the second half within MacDonald's 25-yard line, but the winning score the Beavers were looking for eluded them yet one more time. MacDonald's defense was excellent during a series of plays that held Tech just short of their own goal-line as the last minutes of the se-

cond half slipped by.

Overall, Coach Cliff Tabin thinks the Beavers are looking better each time they are on the field. "The women ruggers are playing more aggressively; the backs are making their tackles, and the forwards are supporting much better than in earlier games. The problems we have are working themselves out as the team gains more experience."

The Beavers' next game pits

them against a strong women's team from Concord, New Hampshire on October 29. Game time is at noon on the rugby pitch at Briggs Field. Any interested women are invited to come out for practice on Mondays and Wednesdays from 5pm til 6:30pm at Briggs Field. The Women's Rugby Club is still actively recruiting and needs more players for this exciting new branch of women's athletics.



Robin Reenstra (left) and other members of the women's rugby club stretch for the ball in the team's 4-4 tie with MacDonald on Saturday.

Colts given edge over Patriots

By Drew Blakeman

The World Champion Oakland Raiders aren't infallible after all. The Denver Broncos proved that pretty conclusively last week by thrashing the Raiders 30-7 in Oakland. And you read it here first, folks. Don't expect them to lose too many more, though.

Oakland 37, New York Jets 17 — After that shocker last Sunday, the Raiders will tromp all over the Jets to prove that their 23-point loss was a fluke.

Detroit 17, San Francisco 10 — The 49ers have to win someday; they do have some good talent. The Lions, however, are going to

keep them winless for at least another week.

Cleveland 20, Buffalo 14 — Even though the Bills have finally won and the Juice is running again, they still need to show

much more consistency if they expect to win again.

Chicago 49, Atlanta 3 — This blow-away victory will help Bears' fans feel a whole lot better. Now that the Falcons' bubble has burst, they should fade quickly.

Pittsburgh 28, Houston 17 — With a healthy Terry Bradshaw, the Steelers are next to unstoppable. On a good day they can beat anybody.

Dallas 44, Philadelphia 10 — The Cowboys will continue to prove that they are the NFL's best team by rolling over the Eagles.

(Please turn to page 11)

