

TCA Silk Screen Center Opens Facilities Today

By Ralph E. Grabowski '63

A new \$3000 Publicity Centre was opened today by TCA. Open to all activities, living groups, and individuals, the Centre contains complete facilities for drawing and silk screening posters.

Students who do their own work can now design a poster, make their own silk screen, and run off copies in an evening for just the cost of materials. The Centre will be available 24 hours a day by signing out a key from TCA.

Located behind the Walker quiz room, in 50-353 the facility was built by the Institute this summer, at a cost of \$2000, from two old shower and locker rooms. Two sinks, custom cabinets, storage space, shelves, three desks, and three 1-350 vintage drawing tables have been installed.

Finance Board allocated \$1150 last spring for equipment which now includes: photographic process papers, a Letterguide inking set, a photographic box to make the silk screen, chemicals to develop it, over 20 kinds of screen paints including five Dqy-Glo colors, 15 types of poster boards, water colors, four silk screen frames, and two hinged frame holders.

Ron Randall '64, Technology Community Association president, reports that TCA can now offer these facilities in addition to their mimeograph and hectograph equipment.

Three years in the planning, the Centre was nearly built in Walker Memorial's basement, until the high cost of ripping up the old bowling alleys led the Institute to find the unused shower rooms.

Life Science Center, \$6 Million Building, Ready For '63 Start

By Jules Plangere

Two grants totaling \$4.2 million were received by MIT over the summer which will allow construction to begin on the Center for Life Sciences.

The first of these, an anonymous gift from an alumnus of \$2.1 million was received in June. The other was a \$2,129,062 grant from the U. S. Public Health Service which was announced in July.

The Center for Life Sciences will be devoted to Biology, Food Science and Technology, Genetics, Biophysics, and Nutrition. There will also be special research labs for cancer, viral diseases, and tissue culture.

The building itself will extend eastward from Bldg. 16 and will contain 132,000 square feet, double the amount now available.

Staff Candidates' Meeting

There will be a meeting of candidates for the staff of The Tech, Thursday evening, September 27 at 8 p.m. at the office of The Tech, second floor of Walker Memorial. All those who could not attend the first meeting are invited to attend.

Invade Cuba? Freshman Poll Gives Varied Reaction

By Paula Melshelmer

Should the United States invade Cuba? Posed to the class of '66 at the Tech booth at Activities Midway, this question evoked varied responses ranging from the serious analysis of U.S. foreign policy to the humorous.

The votes were 37 for invasion and 37 against. Among the con ballots, however, were four in favor of an economic blockade and four for encouraging the refugees to invade.

One was answered entirely in Russian. Roughly translated—the writing was not very legible—"No. I do not think that this is good. If capitalism betters, Soviet propaganda will be bad. I do not want war."

Another ballot was obviously from a Southerner, possibly from Little Rock, Arkansas. "The U.S. is only allowed to invade the U.S."

A couple were in favor of more drastic means. "Why play penny ante! Go for Russia before they go for us!"

A complicated answer included a demand that our allies blockade all communist countries and that the U.S. break off diplomatic relations with them, thus eliminating the Russian access to our Patent Office. "Soon, without Canadian wheat and American ingenuity, Cuba will begin to act—she will starve. This will have profound effects on the political situation—until the U.S.S.R. sends Cuba potatoes. Then the U.S.S.R. will starve, until they get rice from China. Then China will starve—till they get sugar from Cuba, etc., ad infinitum et mausum," the ballot continues.

"It would contradict our basic policy that we are a defensive

and not an offensive nation," states another ballot.

Recurrent Theme

"An invasion of Cuba is an all too obvious transgression of our own moral principals. It is no more correct for us to invade Cuba because she may be a Soviet base than for Russia to destroy Turkey or Japan or West Germany. Americans too easily substitute their home spun pragmatism for their propagandized idealism."

The above is a recurring theme; about six mention it as the major reason. One summed it up in this opinion "Cuba is a sovereign nation over which the U.S. has no control."

"No, an invasion of Cuba would certainly hurt our image overseas especially among the Latin American countries. The question is whether eliminating a splinter in

enough for candidates to be 'For Civil Rights.' They must tell specifically what they propose to do to strengthen civil rights. Here in Massachusetts we have the strongest Fair Practices laws in the country, but effective enforcement . . . is dependent upon the kind of leadership our public officials offer."

A panel, composed of representatives from each of the sponsoring groups, will ask each of the candidates three questions pertinent to the office he is seeking. The moderator of the panel will be Msgr. Edward J. Murray, pastor of the Sacred Heart Church in Roslindale. Chairman for the evening will be Rev. Myron Bloy, Episcopal Chaplain at MIT.

Tonight's meeting, which is unprecedented in Massachusetts politics in being devoted exclusively to civil rights, is free and open to the general public. Questions from the audience will be invited.

On the Pro Side

On the pro side, six cited the

To Open Sept. 1963

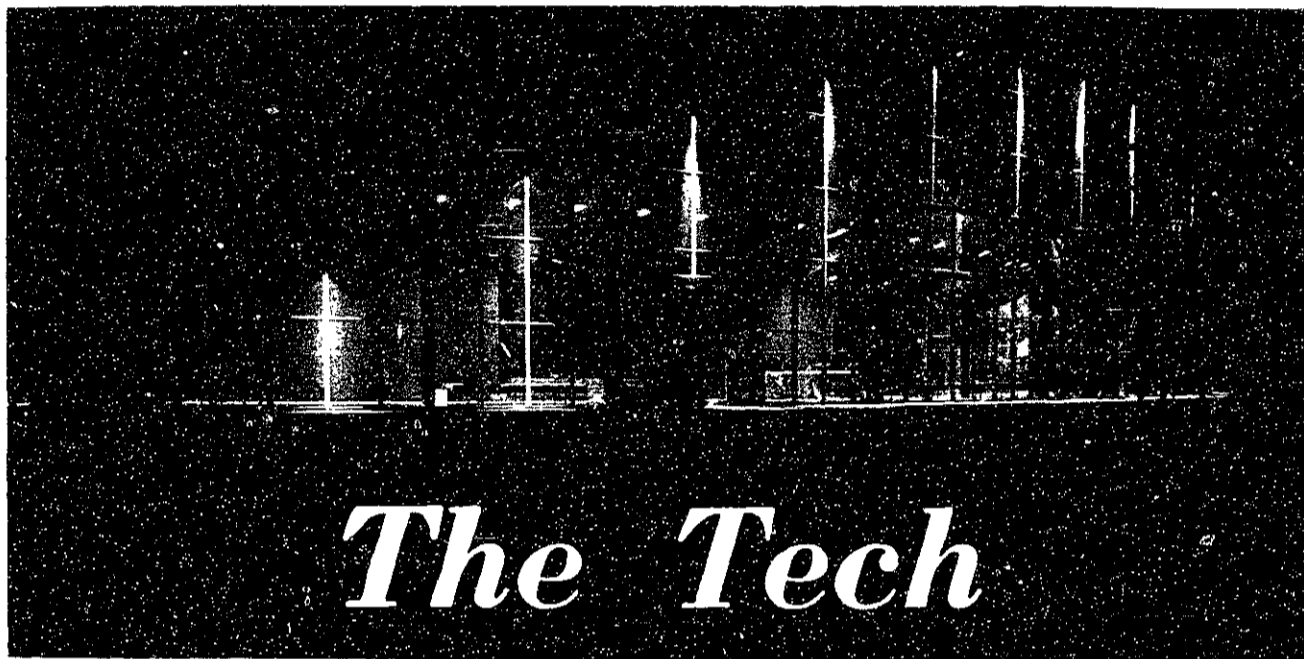
'66 Girls Must Reside In New Women's Dorm

Residence in the new women's dormitory on Memorial Drive will be required for all undergraduate women, beginning with the class of 1966, according to Dean of Residence F. G. Fassett. Slated for completion by September 1963, the dormitory will replace 120 Bay State Road and Kexley Hall.

Mrs. Stanley McCormick, '04, is financing the construction at a cost of over \$2 million. Anderson, Beckwith, and Haidle, composed of faculty members, is the designing firm. The dormitory will have seven floors and a penthouse, housing 116 women. Although the curfew rules are not yet settled, Dean Fassett stated that they would probably be similar to Radcliffe's, which are rather liberal.

The rooms will be large with a high percentage of singles. Telephones in the rooms will be connected into the interdormitory system. In the penthouse will be study rooms, typing rooms, and a sundeck. Meals for the residents will be on a 7-day board plan, with the cafeteria open to others on weekends. The cost of room and board will be somewhat higher than the present rates. A brochure will soon be available, listing the exact prices.

Upperclass coeds have expressed no general opinion about the building. They have an option of whether or not to live in the dormitory. Freshmen coeds, however, appear to be looking forward to living on campus.



Vol. 82, No. 16

Cambridge, Mass., Wednesday, September 26, 1962

Five Cents

Power Failure Strikes Senior House and East Campus On Weekend

By Joseph Sullivan

Senior House and East Campus were without power intermittently for 12 hours Saturday and part of Sunday.

The shutdown enabled workers to move two 2300 volt feeders about thirty feet north of their old position.

The lines were interfering with the construction of the Earth Science Building. The wires ran too close to the pilings on the north side of the construction site.

Temporary feed lines were provided for Walker Memorial and WTBS.

Mr. Jerome Barraford, Superintendent of the Power and Utilities Section of the Physical Plant, said that the major outages were over.

However, minor construction around Ames Street could cause slight interruptions during the week.

Tonight At 8 P.M.

Kennedy, Lodge At Kresge

The MIT Civil Rights Committee will be host to a confrontation of six candidates for major Massachusetts offices this evening in Kresge Auditorium at 8 p.m.

Ted Kennedy, George Lodge, and H. Stuart Hughes, Senatorial candidates; Edward Brooke and Francis Kelly, contenders for Attorney General; and Endicott Peabody, the Democratic nominee for Governor, will present their specific views and answer questions.

Governor Volpe also has been invited to the meeting, which is entitled "The Candidates Speak Out on Civil Rights."

The meeting is sponsored by the Fair Housing Federation, the Congress of Racial Equality, and the National Association for the Advancement of Colored People.

In a joint statement, leaders of these organizations gave their reasons for sponsoring the meeting: "We feel that it is no longer

Five Tech Fraternities Hire Uniformed Police

By Jason Fane

Five fraternities in the Beacon Street—Bay State Road area found it necessary to hire uniformed police to maintain order among MIT and Boston University men during freshman week.

In the past students from the MIT fraternities on Bay State Road and BU men have created enough noise to incite complaints by the Back Bay Association, and inquiries by the Boston police.

During the course of freshman week these problems arose again to such an extent that of the five fraternities in the area jointly hired uniformed policemen to maintain order in front of their houses.

The perennial problem of disturbances produced by students of Boston University and MIT fraternity men has led to increased concern in the IFC Executive Committee. The Chairman of the IFC has composed a letter stating the nature of the difficulty and a copy has been mailed to Dean Curtis of B. U.

Pledges Storm Beta

Traditionally, on the Wednesday of rush week nearby fraternities band together to "deface" the Beta house. This year, five Sig Ep pledges jumped the gun and tried to remove the Beta House flag at 4:30 Tuesday morning.

Hank Nau, president of Sigma Phi Epsilon, said they climbed the fire escape, loosened the flag on the inside, but were unable to detach the other end, and left it dangling after a 30 minute futile attempt.

Several freshman reported a brisk and noisy water fight Wednesday night, accompanied by loud singing of obscene songs. There are conflicting reports as to the identity of the vocalists.

Some freshman coeds reported the aria interrupted their peaceful slumber. Their loss of sleep was amply repaid by a boisterous water fight which overflowed onto their front lawn.

The musical and aqueous festivities were stopped momentarily by a shout of "We got an audience!" when one of the attackers noticed the freshmen women giggling as they enjoyed the show. The fight resumed quickly.

Police on Scene

One water balloon emitted a resounding boom as it landed squarely on the head of an attacker. Moments later the revelry ceased abruptly following a cry of "POLICE!" The attackers scattered and Beta house went dark.

Beta Theta Pi president Tom Gerrity said the police visit was the third this term. The first followed a Beta football game on the lawn outside The Towers (women's dorm of BU). The second "was purely a social call for coffee one afternoon."

JP Weekend Coming With Fats Domino, Peter, Paul, & Mary

By James Veilleux

Junior Prom Weekend for the Class of 1964 will feature the music of Bob Bachelder, Fats Domino, and Peter, Paul and Mary.

Field Day, house parties, and sports activities are slated to round out the 4-day weekend, according to Prom Committee Chairman Ronald Gilman, '64.

A formal dance at the Statler-Hilton Hotel with Bob Bachelder and his 16-piece orchestra will be held Friday evening, November 9. Bachelder has been playing at the Totem Pole in Auburndale.

All classes will be cancelled Saturday to make way for the traditional Freshman-Sophomore Field Day, to be sponsored by Beaver Key. In the afternoon, Peter Paul and Mary will give a 2-hour performance at Kresge Auditorium.

At 8:00 p.m., Saturday, the MIT Techonians and Fats Domino and his band will give a concert in the Armory. Fats, who has sold over 10 million records in the last three years, has arranged a Rhythm and Blues program for the show.

There will be no classes on Monday, since the Institute will observe Veteran's Day on Nov. 12.

(Please turn to Page 15)

Loaned By Army

Flight Lab Gets 'Copter

MIT's Instrumentation Laboratory's Bedford Flight Facility has acquired its first helicopter. The flight facility which has operated in its fifteen-year existence almost every type of aircraft, received the Army's YHCIA helicopter on loan for research purposes. The studies headed by Professors R. H. Miller and H. P. Whitaker, both of the Department of Aeronautics and Astronautics, and by Ralph Trueblood, a lab assistant director, are being conducted for the Army Transportation Corps' Research and Engineering Command.

The YHCIA was developed by

Boeing Aircraft Corporation as an experimental design. This twin-rotor, twin-engine whirlybird is one of three in existence. The other two models of the YHCIA are under similar research operations at Langley Field, Virginia and at Edwards Air Force Base, California.

The YHCIA will be piloted by the able and experienced Chip Collins, who has piloted most of Bedford's research aircraft.

Collins, who has recorded five thousand accident-free flying hours, received his commercial helicopter license before the YHCIA was delivered to Bedford.

Cherchez la Femme: Where To Find Them

By Dave Trevvett

only, and the invitations are hard to find; good luck.

Wheelock

For those who were disappointed by the ratios at last week's Wheelock mixer, a second all-freshmen affair is being held Saturday, September 29. Admission is free, there'll be an or-

chestra (dance, not symphonic), the blast starts at 8 P.M.; and if you miss this one, too, there just might be an all-Wheelock mixer later on.

Boston University

Friday night (September 28) will see Boston University's Orthodox Club holding its acquaintance dance at the Sargent Dance Studio, 785 Commonwealth. Continuous American-Oriental music will be supplied by Harvard's George Sheldon and his jazz combo and by the Greg Thomas orchestra. The time is 8-12, and the "donation" is \$1.50.

Also at BU Friday are afternoon teas at several of the dorms, including Towers, Shelton, and Charlesgate. On the agenda for the more distant future are two more invitational mixers at Towers, October 19 and November 12; times are the standard 8-12 P.M. Charlesgate will also be holding an invitational the last week in October. Not too many invitations will be sent out, but most people who really want to go should be able to find some: watch your bulletin boards and this column for more details.

Catherine Laboure

"A Harvest Mixer" will be presented by the Catherine Laboure School of Nursing Friday, October 5. Time and place in next week's column.

Right here on campus we've got two big mixers next week: there's the East Campus Rodeo mixer and the Informal Dance Committee affair in Walker. Admission for the E.C. is \$.75 for guys, nought for gals; the IDC costs one dollar, males, and \$.75 females. Both are Friday night.

That's all for now; but in weeks to come we hope to be bringing you information of mixers at BU, Bradford, Fisher, Lesley, Franklin Square House, and many others. We'll also be printing notices of lectures, plays, concerts, and other social events being presented at schools in the Boston area. So keep your eye on "Cherchez la Femme"—and happy hunting.

CLASSIFIED ADS

STEREO, 75 watt amp, Dynakit, Rek-O-Kut turntable, 2 Bozak 15" coaxials enclosed, less than 20 hours old, over \$500 worth equipment for \$200. Call days KE 6-7780, eves. HO 9-0404. J. Proodian.

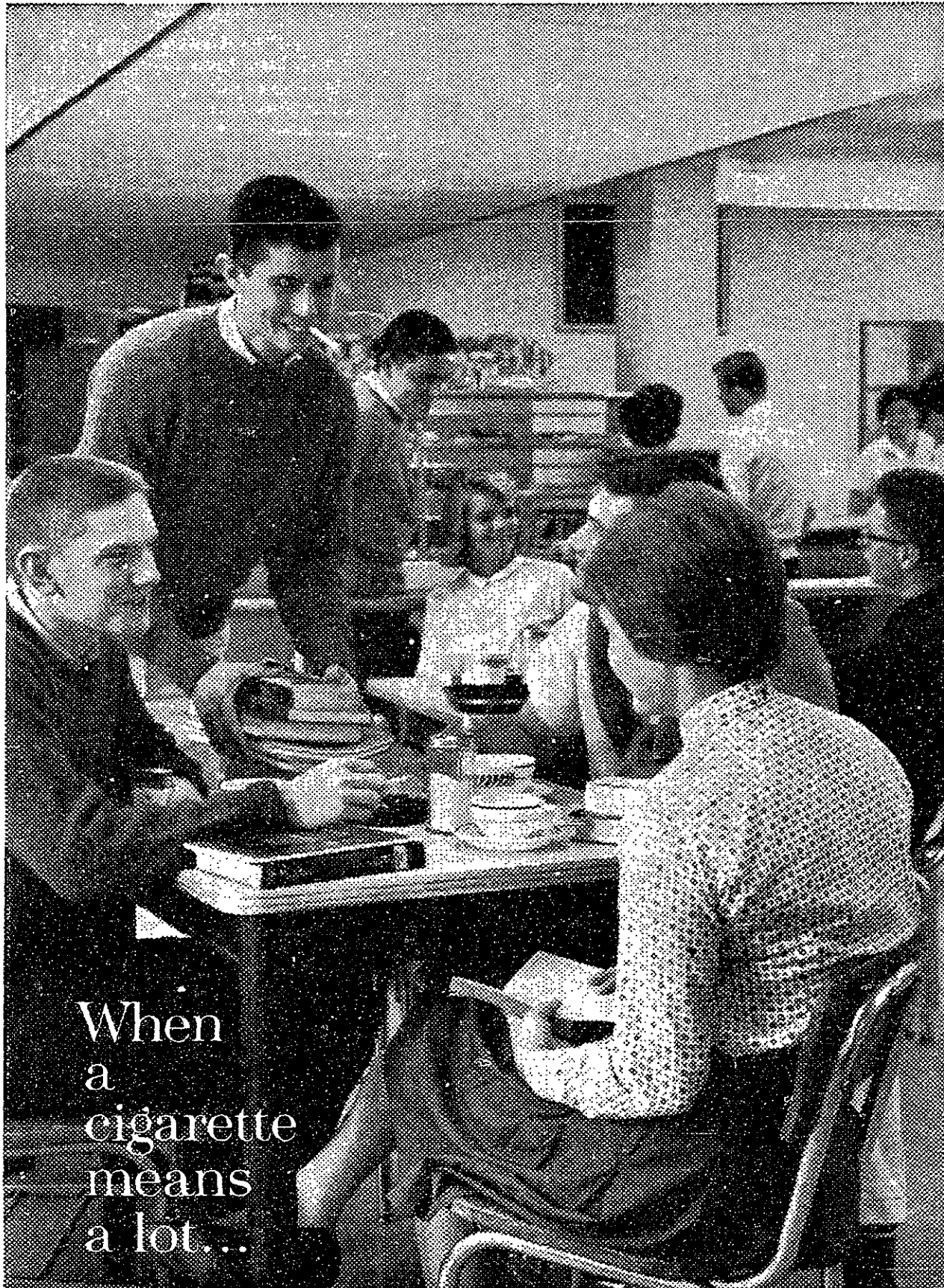
MUST SACRIFICE my two immaculate Sports Cars. Leaving for Europe in October. 1959 Lancia Appia Series III convertible with 2&2 Vignale body, brewster green with tan leather, \$1850. Fiat 1200 Spyder with special Farina body, Borrani wire wheels, white with black interior, \$1700. Both cars are like brand new, always garaged and stored winters. Both have good radios and heaters, roll up windows, seat belts, and many extras. George Lyman, HI 9-0820 days.

HELP WANTED — Male. For psychological experiments — no drugs. Pay is \$1.50 per hour, minimum of 3 hours per afternoon session, once a week for four weeks. Call for interview, LA 3-8200, ext. 2532.

BARTENDING—Let us take the work out of your next social function; bartending and formal waiting are our specialties. David Johnson, KE 6-6786, or Dan Gourley, CI 7-8093. EXPERIENCED.

WEDNESDAY, SEPTEMBER 26, 1962

THE TECH

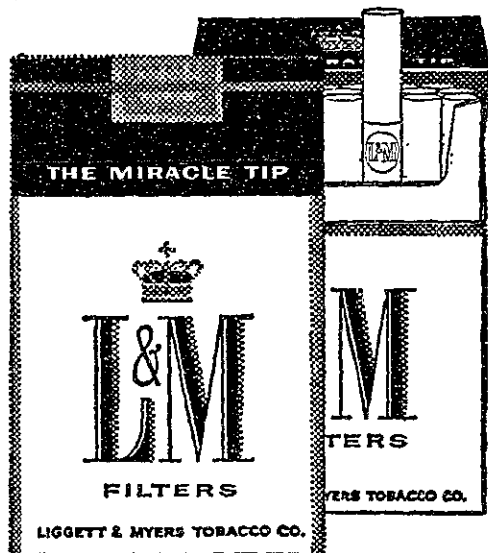


When a cigarette means a lot...

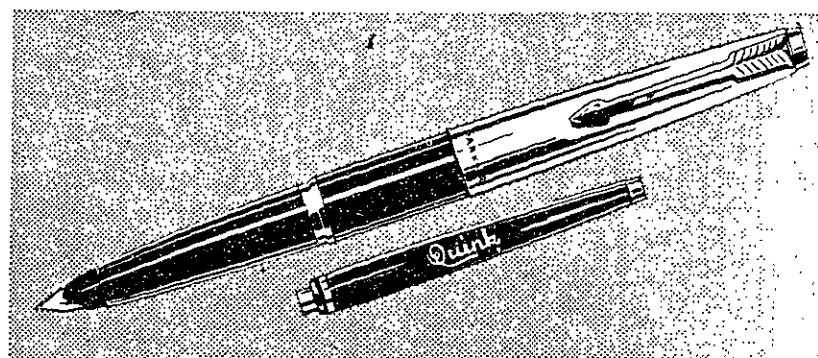
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A surprising new "convertible" pen

1. load it with a cartridge
2. ...or fill it from an ink bottle

The Parker 45 is full of surprises. It gives you a solid 14K gold point for only \$5. It's "convertible"... you can load it with a big Super Quink cartridge (shown above) or you can replace the cartridge with the ingenious little "converter" and fill it from the handiest ink bottle.

The 45 even helps pay for itself, because the cartridges cost you as much as 20c per pack less than the kind you have to use with cheap pens. You get five for only 29c.

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Earth Sciences, Cenco Bldgs. On Schedule

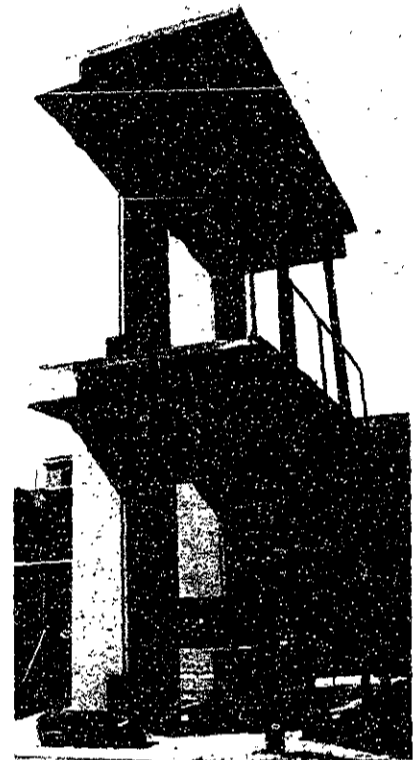
Construction work at the Institute proceeded rapidly during the summer months, even though the MIT Employee Union strike created a work stoppage of nearly a month on the Earth Sciences Building.

Work on the old Cenco Building is near completion, with the Department of Psychology scheduled to move in during the month of October. Workmen are currently finishing the walls, painting, installing fixtures, and preparing to bring in desks, furniture, and other equipment.

A notable feature of the remodeling job is the small number of windows which were installed. The building will be air-conditioned, however, and will have sufficient lighting that, in the words of the planners, "There is just no need for windows." Some windows were naturally installed, and the present arrangement, with the windows at the end of walls instead of in the middle, was adopted to provide greater wall space for shelves, cabinets, and similar furnishings.

Earth Sciences Center

The foundation has been finished for the Greene Earth Sciences



As part of tests during the preliminary stages of construction for the new Earth Sciences building, this two-story section of concrete and glass has been for test purposes. The section is typical of the cast-in-place reinforced concrete sections that will be "poured" into place, floor by floor, in construction of the 20-story building. The windows will be sheets of glass permanently set into rabbets in the concrete sections.

Faculty Retirement

Six Left MIT In June

Six members of the MIT faculty retired at the end of June. They were:

Professor John Chipman, head of the Department of Metallurgy since 1946, whose chief work has been in the application of thermodynamics to metallurgical processes. During World War II, while working on the Manhattan District Project, he developed a method for converting uranium powder into solid castings for atomic pile use.

Professor James Holt, a professor of mechanical engineering and executive officer of the department since 1946, who has been particularly interested in undergraduate education. During World War II he was in charge of all engineering design for power plants at U.S. bases in Arctic and sub-Arctic locations.

Professor Frederick H. Norton, a pioneer in ceramics, who laid down the basic principles which have helped ceramics evolve, especially since World War II, into an important science. Joining the faculty in 1929, he was one of the ceramists responsible for the development of insulating fire brick, high temperature kilns and furnaces, and kaolin refractories. Professor Norton is also a collector of old pottery, particularly early American ware and decorative tiles. As a skilled sculptor, he is one of the few working in terra cotta and has made substantial improvements in the material.

Center, and workmen are presently constructing the main floor. The first and second floors will take longer to finish because their designs are basically different from the other floors. They will be mainly lobbies, administrative offices and lecture halls, rather than the classrooms and laboratories which will mark the other floors. After these two floors are finished, construction will be a matter of repetition and will proceed much faster, with completion scheduled for fall of next year.

There will be no iron framework rising over the site, however, as in the Prudential Building. The building is of concrete, with no rigid framework, and the walls of each floor must be completed before the next floor can be begun.

The \$5,500,000 building was made possible through a grant from Mr. and Mrs. Cecil Greene of Dallas, Texas.

Incidentally, the large concrete structure located on the southwest portion of the building site is not a part of the building itself. It is merely a test structure, erected to try out the concrete which will be used in construction and to insure that the prestressed plastic molds for the concrete are the right size. After the completion of the building, the structure will be torn down, although it is rumored that several East Campus residents desire to erect it between the parallels as a monument.

Rapid Technique Used

The framework for the Technology Square building was completed in August, and since then workmen have been busy putting



—Photo by Conrad Grundlehner
The Married Student's Dorm, now in its final stage of construction.

sections of the wall in place. These sections are pre-molded in concrete at the factory, and are shipped to the site intact. This method of construction allows the walls to rise very rapidly, and greatly hastens the construction of the ten-story building.

The Technology Square building is scheduled for occupancy late this winter, which will make it the first major building on campus to reach completion since the beginning of the Second Century program.

Several other projects are slated for completion in the near future. The Institute recently acquired the Daggett property east of Ames Street. Many of the Physical Plant offices and workshops are to be moved into the buildings on these premises, hopefully this winter.

The biggest plan currently being worked on is the \$6,000,000 Materials Science and Engineering building. This five-story building will run east and west through

Prof. Friedman, Noted In PSSC, Died In August

Dr. Francis L. Friedman, Professor of Physics and director of the Science-Teaching Center, died August 4.

Born in New York City in 1928, Professor Friedman received AB and MA degrees from Harvard University. He came to MIT as a research associate and received a PhD degree in 1949.

Then he began teaching at MIT and became a professor in 1958.

In 1960 he was appointed Director of the newly formed Science Teaching Center at MIT for the improvement of science teaching at the college level.

Professor Friedman was a major figure in the Physical Science Study Committee program for developing a new physics course for high schools, with new laboratory methods and apparatus, a new textbook, more than fifty teaching films, new types of tests and examinations, more than two dozen books for supplementary reading and new approaches to the retraining of teachers.

Dr. Friedman conducted research in nuclear and theoretical physics and cosmic ray shower theory.

He was a consultant for the Atomic Energy Commission and participated in the State Department's Troy project in Project Lexington (nuclear powered flight) and Project Hartwell (undersea warfare).

He spent 1955-56 in Professor Neils Bohr's laboratory as a guest of the Institute for Theoretical Physics in Copenhagen.

351 Awarded 367 Fall Degrees

Following the climax of summer school, 351 students received a total of 367 degrees from the Institute.

The degrees, awarded to students from 39 states and 36 foreign countries, included 53 bachelor degrees, 25 master degrees, 10 degrees of engineers, and 79 doctorates.

No commencement exercises are held in either September or January, when further degrees are also awarded. Students who graduate then, however, may return in June to receive degrees during commencement exercises.

Prof. Stroh Killed; Materials Expert, 36, Had Just Left MIT

Dr. Alan N. Stroh, who had resigned as Associate Professor of Mechanical Engineering to join Boeing Scientific Research Laboratories, was killed in a Colorado automobile accident last Friday while en route to his new position.

A memorial service will be held in the MIT Chapel at noon today. Burial is to be in Steamboat Springs, Colorado.

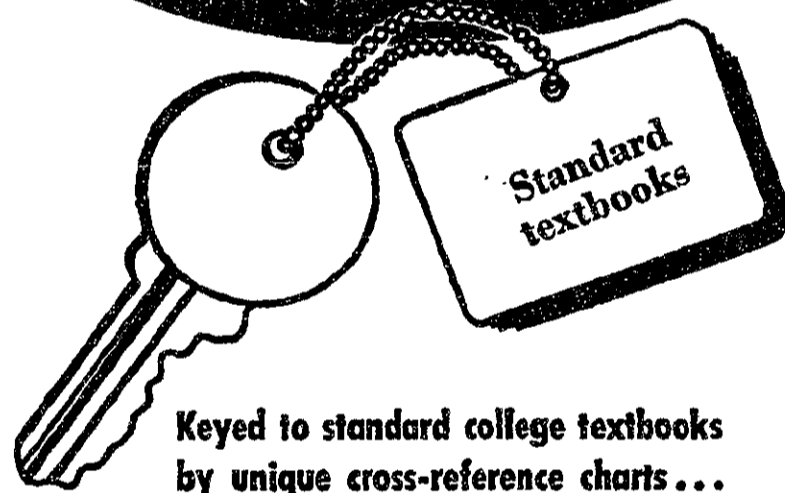
During the past year Dr. Stroh, 36, was on leave from the Mechanical Engineering Department while doing research in the Insulation Laboratory. A native of South Africa, he was primarily interested in dislocations in crystalline structures, which he had discussed in a number of scientific papers.

Rosh Hashanan Services

High Holy Day Services of the MIT Hillel Society will be held as follows:

	Traditional Kresge	Reform Little Theatre	MIT Chapel
Friday	7:30 pm		7:30 pm
Sat.	9:00 am		10:00 am
Sat.	7:30 pm		
Sunday	9:00 am		

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THE TECH

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Unsigned editorials appearing in THE TECH constitute the opinion of the newspaper's Board of Directors, and not that of MIT. The newspaper welcomes letters from its readers. Space permitting, such letters will be printed in whole or in part, if deemed by the editor to be of sufficient interest or benefit to the community. Brevity increases the chance of publication. Anonymous letters will not be printed. Names will be withheld upon request.

Freshman Government

The Freshman Class governing body, the Freshman Council, is about to be organized for the Class of 1966. This body, which has been composed in the past of elected representatives and alternates from each freshman section, represents the Freshman Class until class elections are held in the spring. It is questionable that any real governmental purpose is served by a body whose only real achievement is the sale of Beaver Pins, but for MIT's student government as a whole, it serves to introduce freshmen to student government activities and to provide a structure in which the freshman can learn a great deal about extracurricular MIT, its practices and problems.

Recognizing that extracurricular, and particularly governmental activities, find a more salient basis in the living groups than in academic division, a proposal will be brought before the Institute Committee tomorrow night to elect a freshman council consisting of representatives from the living group rather than the freshman sections. Assuming that one representative is elected from each of MIT's 28 Fraternities, and an equal number from the dormitory and commuter groups, this will produce a council of about 70 members.

The idea is a good one, but it leaves several questions to be answered. Whether or not such a large body can be of any benefit remains to be seen. It will depend largely on the leadership available, and upon the undertakings of the council. To the former point, we feel that it would not be well advised to subject the freshman class to general class elections this early in their MIT experience. Further, it is logical that class leadership would come from the council, and allowing this group to select its own leadership would be an important step in giving it responsibility.

If the Freshman Council is to become any more than a group which exists simply by definition, it should be guided into a course which will allow it to take a serious look at Freshman problems, problems which are still fresh in the mind of a new student. If the maximum benefits are to be derived from this group, it will have to take its own initiative, and use imagination in applying its efforts to build a foundation upon which the class government system can be improved.

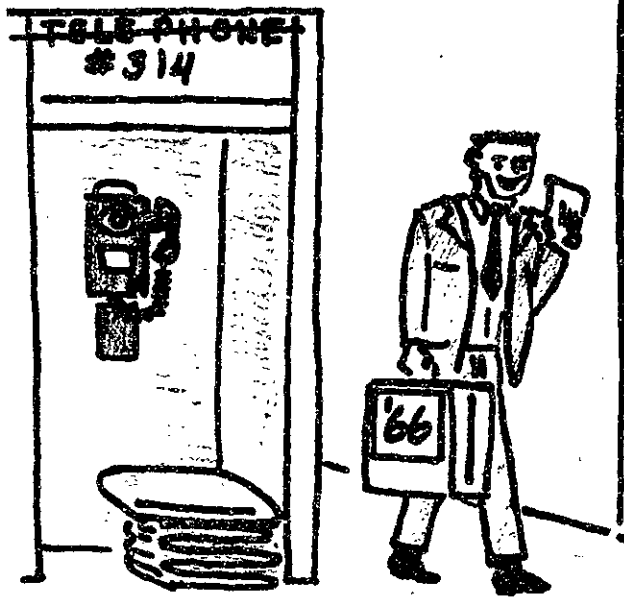
In sum, we feel that there is much to be gained by reorganizing the Freshman Council in the above manner, and we recommend it to the Institute Committee. We urge, however, that the above constraints be considered and that Incomm not bite off more than the Freshman can efficiently chew.

Student Union Food

Once again the problem of finding a purveyor of food for the proposed Student Union's several dining establishments rears its ugly head. With the administration leaning heavily toward keeping the campus an all-Stouffers operation, we should like to reiterate a small but vociferous vote of protest.

The arguments go as follows. Stouffers, which services all campus dining rooms at the present, has a management organization on campus, and therefore will be better able to take care of the new facilities. Yet almost everyone agrees that the Student Union operation should be entirely separate from present dining service operations. If this point of view is seriously accepted, then it seems there is really nothing to be gained from allowing Stouffer's to run the new facility.

On the other hand, there are several quite capable organizations which we feel could do an equivalent job, and offer some variety in the bargain. Since the present feeling is that student union dining rooms will probably lose money, and certainly not make any, the competitive value of another organization would be difficult to assess. We suggest, however, that there would be no harm in trying another purveyor, and that should he prove unsatisfactory, Stouffer's will still be on the lot.



"Now let's see, where is Room 314..."

Fallout Fantasy

MIT buildings have now had two separate surveys for areas useful as fallout shelters, one by MIT and one by the Federal government. It is time we had a good hard look at the pro's and con's of the issue. When MIT is asked to allow the civil defense organization to designate and stock areas for use as public fallout shelters, there are going to be unsatisfied people no matter what the decision.

In favor of the proposal we can say that these areas would be useful in saving lives in the event of a nuclear accident, enemy or domestic, which produced no major blast damage in the area. MIT's decision will influence others, and if there are benefits to be derived, would be good exemplary action.

On the other hand, the national creation of fallout shelters might serve to further the nuclear complacency which seems to grip us, even to the point of considering limited nuclear war an element of foreign policy. MIT might be supporting a program which provides negligible real protection while inducing a completely false feeling of complacency.

What do you think?

Letters to The Tech

Memoriam to a tragedy; A mother's wishes.

To the Editor:

Among those admitted as a transfer student for this Fall was one Chester A. Price-Pandolfi, from the College of Mechanical Arts and Agriculture in Mayaguez Puerto Rico. Mr. Price-Pandolfi was killed, and his mother seriously injured, in an automobile accident this Summer. In response to a note from the Admissions Office she has written us in part as follows:

"I am also interested in asking a favor from you. I want the new group of students that have been accepted this year in M.I.T. to know, in some way, that Chester's mother blesses them all, and that I pray to God that they can do real well in their studies, for their

own benefit and for the benefit of humanity. I pray to God that each one of them fulfills what Chester wanted to achieve.

"We must not question God's ways, but resign ourselves to accept His holy will. Man's life, which God breathes into him, is like a flower which sprouts from a small, insignificant, seed into a lovely conglomeration of colorful beauty, giving in itself warmth and significance to the world. Now, one day, a strong wind passes by the field where this flower grows and uproots its place, knowing it no longer. Yet, in a short time a new flower blooms in that place, and its characteristics are very much like its ancestors, and it grows with more zest for life."

Roland B. Greeley
 Director of Admissions

Kibitzer

By MICHAEL LINAH

West's three diamond weak jump overall made today's hand a cute example of give-and-take between declarer and East, who both played excellently. West opened the Jack of diamonds against four spades. Declarer, noting West's bid and East's Queen dropping under dummy's Ace, played West with six diamonds. Declarer's problem was to avoid three club losers, and since a diamond ruff was imminent, he was forced to pull three rounds of trumps. Since West was long in diamonds, East was probably long in hearts, and if he could force the lead on East at this point, East might break the club suit for him, in which case he was guaranteed a club trick, and the contract. Declarer played Ace and ten of hearts, throwing East in. East meanwhile had also been counting, placing his partner with six diamonds and three hearts, since his partner played low-high on declarer's Ace-ten of hearts. East realized, however, that declarer could not possibly benefit from a ruff and sluff, since at this point he had four clubs in his hand and only one trump left in dummy. He therefore led a third round of hearts, giving declarer a ruff and sluff. Declarer pitched a small club on the board and ruffed in the closed hand. His original plan having failed, he was forced to attack the club suit himself. He could avoid the loss of three club tricks if either defender had both the Ace and King of clubs, an unlikely event, or if he could lead to one of his honors, losing it, and after regaining the lead, ducking a small club around the table hoping to find a doubleton honor. Declarer decided on the latter plan and led

NORTH

♦ A 8 6 5
 ♥ Q 4
 ♠ A K 7 2
 ♣ J 6 3

WEST

♠ 2
 ♥ 9 7 2
 ♦ J 10 9 8
 ♣ 6 4
 ♠ A 10 5

EAST

♠ J 10 3
 ♥ K J 8 6
 ♠ 5 3
 ♣ Q
 ♠ K 9 7

SOUTH

♦ K Q 9 7 4
 ♥ A 10
 ♠ 5 3
 ♣ Q 8 4 2

Neither side is vulnerable. The

Bidding:

South (D)	West	North	East
1♠	3♦	4♠	Pass
Pass	Pass		

a small club to his Jack, East winning with the King. Since West's Ace-ten sat over declarer's Queen of clubs, East could have set the contract by returning a club. But East, not very often being dealt hands in which it could profit him by giving declarer two ruffs and sluffs, seized on the opportunity to give declarer a second ruff and sluff. If declarer ruffed on the board, he would still have two clubs to lose, and if he took the ruff in his hand he would lose no more clubs, but would lose two diamonds instead. Down one. Both of declarer's attempts to make the contract failed, but it took an astute East to find the right defense.

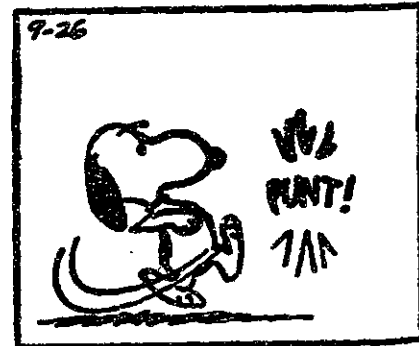
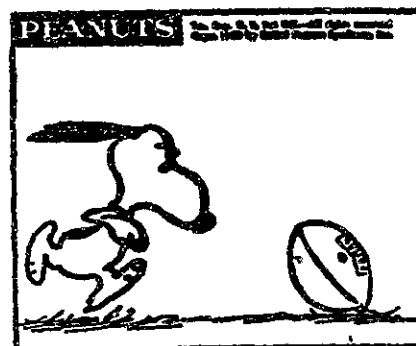
PUZZLER: As South you hold:

♦ Q J 10 8, ♥ void,
 ♦ K J 9 4, ♣ A K J 10 7

The bidding proceeds:

South	West	North	East
1♣	Pass	1♠	Pass
4♣	Pass	4NT	Pass

???? What do you bid now? Answer next week.



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On Campus with Max Shulman

(Author of "I Was a Teen-age Dwarf," "The Many Loves of Dobie Gillis," etc.)

ANOTHER YEAR, ANOTHER DOLLAR

With today's entry I begin my ninth year of writing columns in your school newspaper for the makers of Marlboro Cigarettes.

Nine years, I believe you will agree, is a long time. In fact, it took only a little longer than nine years to dig the Suez Canal, and you know what a gigantic undertaking that was! To be sure, the work would have gone more rapidly had the shovel been invented at that time, but, as we all know, the shovel was not invented until 1946 by Walter R. Shovel of Cleveland, Ohio. Before Mr. Shovel's discovery in 1946, all digging was done with sugar tongs—a method unquestionably dainty but hardly what one would call rapid. There were, naturally, many efforts made to speed up digging before Mr. Shovel's breakthrough—notably an attempt in 1912 by the immortal Thomas Alva Edison to dig with the phonograph, but the only thing that happened was that he got his horn full of sand. This so depressed Mr. Edison that he fell into a fit of melancholy from which he did not emerge until two years later when his friend William Wordsworth, the eminent nature poet, cheered him up by imitating a duck for four and a half hours.

But I digress. For nine years, I say, I have been writing this column for the makers of Marlboro Cigarettes, and for nine years they have been paying me money. You are shocked. You think that anyone who has tasted Marlboro's unparalleled flavor, who has enjoyed Marlboro's filter, who has revelled in Marlboro's jolly red and white pack or box should be more than willing to write about Marlboro without a penny's compensation. You are wrong.

Compensation is the very foundation stone of the American Way of Life. Whether you love your work or hate it, our system absolutely requires that you be paid for it. For example, I have a friend named Rex Glebe, a veterinarian by profession, who simply adores to worm dogs. I mean you can call him up and say, "Hey, Rex, let's go bowl a few lines," or "Hey, Rex, let's go flatten some pennies on the railroad tracks," and he will always reply, "No, thanks. I better stay here in case somebody wants a dog wormed." I mean there is not one thing in the whole world you can name that Rex likes better than worming a dog. But even so, Rex always sends a bill for worming your dog because in his wisdom he knows that to do otherwise would be to rend, possibly irreparably, the fabric of democracy.



It's the same with me and Marlboro Cigarettes. I think Marlboro's flavor represents the pinnacle of the tobaccoist's art. I think Marlboro's filter represents the pinnacle of the filter-maker's art. I think Marlboro's pack and box represent the pinnacle of the packager's art. I think Marlboro is a pleasure and a treasure, and I fairly burst with pride that I have been chosen to speak for Marlboro on your campus. All the same, I want my money every week. And the makers of Marlboro understand this full well. They don't like it, but they understand it.

In the columns which follow this opening installment, I will turn the hot white light of truth on the pressing problems of campus life—the many and varied dilemmas which beset the undergraduate—burning questions like "Should Chaucer classrooms be converted to parking garages?" and "Should proctors be given a saliva test?" and "Should foreign exchange students be held for ransom?"

And in these columns, while grappling with the crises that vex campus America, I will make occasional brief mention of Marlboro Cigarettes. If I do not, the makers will not give me any money.

© 1962 Max Shulman

The makers of Marlboro will bring you this uncensored, free-style column 26 times throughout the school year. During this period it is not unlikely that Old Max will step on some toes—principally ours—but we think it's all in fun and we hope you will too.

College World

Radcliffe Signouts Liberalized; May Be Extended To Sophomores

During summer vacations, while students are getting a much-needed rest, college administrators remain just as busy as ever planning for the coming school year. In addition to scheduling new courses, they have to review existing school regulations and often notable rule changes are made. Such was the case at Radcliffe this year.

Official approval was given to a Radcliffe Government Association proposal for liberalizing sign-out requirements. Effective this fall, Radcliffe juniors will be allowed to sign out until any hour. This is an extension of a privilege allowed for several years only to Radcliffe seniors. Previously, all girls, except seniors, had to ask special permission to remain out later than 1 a.m. If the new system works satisfactorily, the privilege may soon be extended to sophomores.

The rule change is a modification of the original RGA proposal that any girl past the first eight weeks of her sophomore year be given unlimited sign-out privileges. The proposal had been approved in a student referendum by a 500-200 margin.

Required Course

A new regulation change—this one affecting the curriculum—has gone into effect at the University of Kentucky. University President Frank G. Dickey has ordered that all students be given temperance lectures. The new requirement was brought about by a tongue-in-cheek editorial in the school newspaper, *The Kentucky Kernel*, which pointed out that an archaic state law called for temperance lectures at least twice a semester in all Kentucky universities and secondary schools.

Vulgar But Not Profane

"A student must be able to write true Latin in prose, and shall have learned the rules of vulgar arithmetic." This was once a requirement for admission to Hamilton College in Clinton, N. Y. *The Hamilton Spectator*, in an issue devoted largely to Hamilton's 150th birthday, described some of the school's original regulations.

A further requirement for admission was that "each candidate shall be particularly required to exhibit proof that he is not guilty of using profane language." Of course, "play at billiards, cards or dice, or any other unlawful game, or at backgammon" was forbidden. There were also regulations against non-college members who might "draw away or seduce any of the students into vile principles or practices."

Also prohibited were: "entering the apartment of another student at an unreasonable hour of the night," and "exhibitions of any sort whatever, public or private, without permission from the President." Finally came the rule: "if any student, during the time of his pupilage, shall contract matrimony, he shall no longer be a member of the college."

Regents Investigate

The *Spectator* adds a few comments about the rules: "The Board of Trustees, which was apparently pre-occupied (with) imposing moral re-

strictions on the undergraduates, neglected Hamilton's intellectual progress and caused a serious decline in the school's growth.

"No one seemed to notice that the math teacher had resigned and that the Latin teacher was thinking of doing so; no one seemed to notice that the College's enrollment had decreased from 90 in 1827 to nine in 1829 and that conditions were getting worse all the time. Everyone, however, seemed to notice that the New York State Board of Regents had decided to investigate the College; everyone was downright indignant."

Parking Fines

But in recent years school regulations have had to progress to keep up with science. Parking has been a problem at innumerable colleges. The usual solution has usually been parking lots and parking stickers. Among the regulation changes made this summer, naturally there are those which deal with parking. The Massachusetts legislature has finally given permission to the trustees of the University of Massachusetts to establish regulations governing parking on University property. The trustees have decided that violators will be prosecuted in court, with the fines being used to bolster the University scholarship fund.

Caltech Riots

Students are concerned about the parking problem, also. In fact, Caltech students rioted last spring as an official protest of ejection of a grad student from his dorm for a parking violation. Over 300 students chanted, sang, and snaked-danced through the Institute corridors while Caltech's national Board of Trustees were meeting. Led by sympathetic graduate physics students, the demonstration was turned into a "vegetable riot", in which students chanted names of vegetables on the theory that the blend of sounds gave the optimum representation of a blood-thirsty mob.

Events soon ran beyond the expectations of the organizers as a Fiat sedan, lifted up the steps of Throop (one of the main buildings), was driven up and down the first floor hall as enthusiastic students penetrated as far as the third floor of Throop. Soon afterwards, Vice President for Business Affairs, George Green's Oldsmobile was wheeled in front of Throop where a parking ticket was hastily affixed.

Near the end of the riot, there was an Institute truck resting on the entrance of Throop Hall with deflated tires; an unnamed effigy with the sign "More Talk, Less Action" resting against the truck; and the arrival of police in three squad cars, two unmarked cars and four motorcycles.

Quote Of The Week

From a nationally syndicated column by Inez Robb: "Now, in a much more complicated age, with a kitchenful of awesome gadgets that have me in a thrall, it is obvious that every woman needs at least two years at MIT."

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Regine
CRESPIN Nov. 29

First Boston appearance;
Met debut this fall as the
Marschallin in Lehmann-
directed "Rosenkavalier"

Victoria
DE LOS ANGELES
Jan. 23

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Covent Garden, Bayreuth,
of recital and records

George
LONDON Feb. 24

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Wotan, Mandryka, Don;
also famed in German,
French song

Ferruccio
TAGLIAVINI April 3

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following triumphal return
to Met after absence of
several years

Series tickets \$22.50, \$18.00,
\$13.50 by mail from
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Josh White To Sing At Kresge

Folksinger Josh White will give a concert Saturday at 8:30 p.m. in Kresge Auditorium.

Tickets are \$2, \$2.50, and \$3. They may be reserved by calling UN 4-6900, extension 2910, or by requests addressed to the Box Office, Kresge Auditorium.

Josh White has sung his spirituals and blues all over the U.S. and Europe, from Presidential inauguration ceremonies to British Broadcasting Corporation radio programs.

He started his career guiding blind Negro singers, watching them strum their guitars and listening to their songs. Later he began nightclub and radio work.



Josh White

Moliere, Shaw Plays Coming To Harvard

Moliere's "The Misanthrope," now playing at the Loeb Drama Center, will continue through Saturday. The next production, "Captain Brassbound's Conversion" by

G. B. Shaw, will run October 3-6, directed by Joseph D. Everingham.

Both plays are presented every night except Sunday at 8:30 p.m. Tickets at \$1.50 may be bought between 2 and 6 p.m. any day except Sunday at the Loeb box office.

Reservations may be made in person or by calling UN 4-2630.

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Compass Theater's Improvised Comedy Comes to Somerset

"Instant" comedy inspired by ideas and comments given by the audience comes to Boston Friday, October 12.

"Compass Theater at the Somerset" will feature three Broadway actors and two actresses at the Coronet Room, Somerset Hotel.

David Shepherd, who conceived the idea of improvisational theater, will direct. Shepherd is co-founder of Chicago's "Compass" theater and influenced New York's "Premise" and "From the Second City" theaters.

During the revue food and beverages will be served to the audience who will be seated at tables. Friday and Saturday, Ruby Newman's orchestra will play for dancing between performances.

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movies ...

'WHO' Not Hilarious

"A MATTER OF W.H.O.": Produced by Walter Shenson and Milton Holmes; directed by Milton Holmes; screenplay by Milton Holmes; presented by Herts-Lion International Pictures.

THE CAST
Bannister Terry-Thomas
Kennedy Alex Nicol
Michele Sonja Ziemann
Yanovitch Gay Degby
Jamison Richard Briers
Hatfield Homer Blackman
Linkers Edward Linkers

The show currently at the Exeter, "A Matter of W.H.O.," has been advertised as "another hilarious comedy from the producers of 'The Mouse That Roared.'" Whether it is hilarious or not may depend on the individual's tastes for British Comedy as a genre, but the creators of the film themselves seem to have been undecided as to whether they were trying to make it a comedy at all. The only genuine hilarity in the Exeter program resides in two short cartoons.

The show begins with a Film Board of Canada cartoon illustrating a short piece by Stephen Leacock. Leacock is a genius, and "My Financial Career," documenting his one brief encounter with the banking profession (he deposited, then withdrew by error the same fifty-six dollars), adds a little to his already wonderful style. It is a better film than usual from the Canadians.

The next feature is the Academy Award cartoon "Ersatz," which was made in Yugoslavia. This documents a day at the beach enjoyed (and often merely endured) by a little man for whom everything is inflatable:

his car, his tent, his air-mattress, his fishing-pole, his girl, his shark, even his bicycle-pump. His adventures are incredible, and within its own crazy logic his world is very very funny. Sound-track was made by squeaking on inflated balloon against another.

"A Matter of W.H.O.," opens with a lot of unfunny footage for a hilarious comedy. It appears to be a rather limp documentary-style thriller about the World Health Organization, and its problems with epidemic control.

It looks for a while like an attempt to glorify the W.H.O. by giving it a fictional problem to solve, and then watching the methods it might use in solving it. The problem is a case of small-pox, contracted by a Texas oil-driller while returning from Waban.No, not Waban Mass; this is an obscure Mid-East country, where the Texan has been drilling a wildcat-well in order to find oil. The intent of Bannister (Terry-Thomas) of W.H.O. is to find out how or from whom he was infected.

The sick man's partner, also from Texas, is named Ed Kennedy, and is played unimpressively by Alex Nichol. He is just as curious about his partner's recent acquaintances, because a fortune in international oil leases rests on whether the wildcat was really dry or not. There is also a third strand to the complication provided by the driller's brand-new (but not unused) wife, who knows some of the story but won't tell because her trollope's pride is hurt.

Again, this is not a comedy at all. Bannister is given some ridiculous mannerisms... drives a pre-war midget car much too fast, talks abominable German to an English-speaking WHO colleague in Switzerland, uses his umbrella to pick up trash, and to bash gunmen when the chips are down.

But these are "humanizing" quirks in a straightforward though bland portrait of the medical detective. Laughs are usually isolated by seas of melodramatic searches and obstacles concerning either the smallpox or the oil. The whole adds up to a rather competent imitation of an American Grade B movie.

There are a couple funny sequences along the way to relieve the evening; there are a couple of comely females much less well-dressed than you'd think the English climate would allow; there are two fine cartoons. If the package, even if one comes early to see "Ersatz" first, doesn't add up to what the advertising promises.

— Larry Stark

Dave Brubeck

I'm in a Dancing Mood

Ray Conniff

The Way You Look Tonight

Miles Davis

If I Were a Bell

The Brothers Four

Marianne

André Previn

Like Love

Duke Ellington

Perdido

Carmen McRae

Paradiddle Joe

Roy Hamilton

Angel Eyes

Gerry Mulligan

What Is There To Say

The Hi-Lo's!

Everything's Coming Up Roses

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Cloudburst

Buddy Greco

The Lacy Is a Tramp

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Actors Playhouse To Do "The Father"

"The Father," by August Strindberg, will be presented by the Actors Playhouse at the Hotel Bostonian beginning October 3.

This drama concerns the last 24 hours in the struggle between an army officer and his wife for the domination of their home and child.

Featured will be Barbara Leary, George Bolton, Eric Winckler, David Taber, Divie Bolton and Ginia Ballard.

The present production of Edward Albee's "The Zoo Story," and "The American Dream," will continue until September 30.

HARVARD SQ. THEATRE
 "Bird Man of Alcatraz"
 2:10 5:25 8:25
 Starting Sunday
 "Road to Hong Kong"
 1:40 5:40 9:40
 "Pocketful of Miracles"
 3:10 7:10

BRATTLE SQ. THEATRE
 "Last Year at Marienbad"
 5:30 7:30 9:30
 Mat. Sat. at 3:30

Park Square Cinema: Telepix With New Face

The old Telepix Theater has received a new look and a new name. Now the Park Square Cinema, it seats 300 people, has a wider screen and new murals.

The abstract murals, done by Norman Ives, are of wood blocks that protrude at different depths from the wall. The outside mural is in white and black, the inside one in red and black.

New Zeis-Ikon projectors, not using carbon arcs, have been added.

movies . . .

Comedy; Characterization in 'Divorce'

By Charles Foster Ford

The tradition of the violent passions of Southern Italy, complete with vendettas, and an overpowering sense of personal honor, is the background for the funny film at the new Park Square Cinema, **DIVORCE—ITALIAN STYLE**. If Ferdinando is bored with his over-ambitious wife Rosalia, he cannot divorce her . . . in Italy divorce is illegal . . . but he might shoot her in the act of infidelity, and escape with a light sentence. If the girl next door waits to marry him, the necessity for such a crime of passion is all the more pressing.

This is the plot for a tale of horror and gore, but it is a triumph of style that turns it to a frightfully funny movie. Marcello Mastroianni as Ferdinando uses a frozen dead-pan expression throughout, which becomes all the more subtle and expressive because it is so immobile. The per-

"DIVORCE — ITALIAN STYLE":
 By Ennio Concini; directed by Pietro Germi; produced by Franco Cristaldi; a Joseph E. Levine release.

CAST
 Ferdinando . . . Marcello Mastroianni
 Rosalia . . . Daniela Rocca
 Angela . . . Stefania Sandrelli
 Carmello Patani . . . Leopoldo Trieste
 Don Gaetano . . . Odoardo Spadaro
 Angela Cardile . . . Agnese Sissina
 Sissina . . . Margherita Girelli

formance compares favorably with the old silent films of Buster Keaton.

Daniella Rocca plays Rosalia as a puzzled, eager, slightly simple-minded girl, with too much smile and not enough awareness. This contrasts sharply with luscious, innocent Angela (Stefania Sandrelli), whose passion for Ferdinando makes her a prize well worth the risks.

The film is a tour de force for the husband, but along his difficult way there is help and hindrance from a handful of brilliant comic bit parts. The instrument of his "divorce" is his wife's former lover, the artist Carmello Patane (Leopoldo Trieste). Patane's hesitant reawakening ardor is a comic sketch in itself, counterpointing Ferdinando's attempts to tape-record enough of it to exonerate himself.

The whole town of Agramonte itself is a caricature of the hot-blooded, passionate stereotype of Southern Italy, which makes the comedy all the more pointed. Their fascination with crimes of passion, their vocal sympathy for the wronged spouse murderer, their revilement of a cuckold who shows no eagerness for vengeance, all combine to

make the film that much more plausible, and that much funnier.

One of the best bits in the film is the role of the defense attorney specializing in such cases of passionate revenge. Odoardo Spadaro plays him as a grand actor of the old romantic, melodramatic style, fully aware of the needs and desires of the gallery of witnesses, intent on giving a memorable performance, and fully aware that the sympathies of the court are overwhelmingly on his side.

Pietro Germi, the director, has made this entirely Ferdinando's story. He narrates it as his recollections of a successful crime, and wherever action might be inessential, it is covered by narration counterpointed by brief shots. Germi's aim seems to have been to be funny but never obvious.

"Der Rosenkavalier" At Donnelly Next Week



Elisabeth Schwarzkopf, one of the stars of "Der Rosenkavalier."

"Der Rosenkavalier" by Richard Strauss will appear from October 3 to 6 at the Donnelly Memorial Theater. Performances start at 8 p.m.

This opera was filmed on stage. The cast is from the Salzburg Festival with the Vienna Philharmonic Orchestra, the Vienna State Opera chorus, the Mozartenum Orchestra, and the Vienna State Opera Ballet.

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Jimmy Smith Jazz Organist and Gloria Lynn, Saturday, Donnelly Memorial Theatre.

Soprano, Gina Davis, will present a song recital composed mainly of songs by Debussy. Sunday, 3 pm, Gardner Museum, free.

LSC

Classic Series, "Picnic On the Grass," Jean Renoir's comedy of science and anti-science in the modern world. A famous biologist advocates of artificial insemination finds there is more to life and love than the textbook teaches. (France 1950) Also, "The Running, Jumping, and Standing Still Film," Friday, Kresge, 8:30 and 9 pm, 75 cents or series ticket.

Entertainment Series, "Come September." An American playboy discovers one of his palatial Continental homes has been used as a tourist hotel during his absence—and he finds an attractive and sultry beauty on the premises to keep him interested. Rock Hudson, Gina Lollobrigida, Sandra Dee, Bobby Darin. Saturday, 10-250; 5:15, 7:30, 9:45 pm; 30c.

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TERRY-THOMAS

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DESMOND DUPRE
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Lester FLATT—Earl SCRUGGS
Merle TRAVIS and
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- January 26
ODETTA
 \$4.00, 3.50, 2.80, 2.20
- February 9
HOOTENANNY:
TONY SALETAN m.c.
JACK ELLIOTT,
GREENBRIAR BOYS,
ERIC VON SCHMIDT, others
 \$3.50, 2.80, 2.20
- March 9
JOSE MOLINA and
BAILES ESPANOLAS
 J. Hancock Hall
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Chamber music of Mozart, Schubert, and Brahms will be given in the 1962-63 Humanities Series.

Selections will come from their principal works for string sextet, quintet, and quartet with piano and clarinet.

The Sunday afternoon concerts will be:

Nov. 11, New York String Sextet.
Dec. 9, Julliard String Quartet;
Jan. 13, Claremont Quartet;
Feb. 10, The Fine Arts Quartet;
March 17, New York String Sextet.

Tickets go on sale Monday. Single tickets will cost \$2.50, series tickets \$9.

Applications should be mailed with check and a self-addressed envelope to the Box Office, Kresge Auditorium.

Movie Schedule

(Unless otherwise stated, the Sunday schedule is the same as the weekday schedule except no movies are shown before 1 p. m.)

ASTOR—"Music Man," Mon.-Sat. at 9:00, 11:30, 2:00, 4:35, 7:05, 9:35; Sun. at 1:10, 3:45, 6:22, 8:00.

BEACON HILL—Through tomorrow—"The Best of Enemies," 9:35, 11:35, 1:35, 3:40, 5:40, 7:45, 9:45. Starting Friday—"A Very Private Affair."

BOSTON CINERAMA—"The Wonderful World of the Brothers Grimm," Mon., Tues. at 8:30; Wed., Thurs. at 2:30, 8:30; Fri., Sat., 1:30, 5:00, 8:30; Sun., 1:30, 5:00, 8:15.

BOSTON MUSIC HALL—"The Interns," 10:00, 1:00, 4:00, 7:00, 10:00; and Stage Show, 12:00, 3:00, 6:00, 9:00.

BRATTLE—"Last Year at Marienbad," 5:30, 7:30, 9:30; mat. Sat. at 3:30.

CAPRI—"Pressure Point," 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00.

COOLIDGE CORNER—"Carry on Teacher," Wed.-Sun., 9:35, 11:35, 1:35, 3:45, 5:45, 7:45, 9:50. Mon., Tues. No times available.

EXETER—"A Matter of WHO," 2:15, 4:00, 5:45, 7:35, 9:30.

FENWAY—"Viridiana," 1:37, 3:36, 5:35, 7:34, 9:32.

FINE ARTS—"Roshomon," 5:30, 8:45; "La Strada," 7:00, 10:10.

GARY—"West Side Story," 8:30; mat. Wed., Sat., Sun. at 2:30.

HARVARD SQUARE—"Bird Man of Alcatraz," 2:10, 5:25, 8:25. Starting Sunday: "Road to Hong Kong," 1:40, 5:40, 9:40; "Pocketful of Miracles," 3:10, 7:10.

KEITH MEMORIAL—"No Man Is An Island," "Hands of a Stranger," Patterson-Liston fight pictures. No times available.

MAYFLOWEL—"The Sky Above the Mud Below," Mon.-Sat., 9:30, 12:30, 3:30, 6:30, 9:30; Sun., 2:50, 6:00, 9:15. "No Place Like Home," Mon.-Sat., 11:00, 2:00, 5:00, 8:00; Sun., 1:15, 4:30, 7:45.

MIT—Friday, "Picnic on the Grass," Kresge Aud., 6:30, 9:00; Saturday, "Come September," Room 10-250, 5:15, 7:30, 9:45.

PARAMOUNT—"The Pigeon That Took Rome"; no times available.

PARK SQUARE CINEMA—"Divorce Italian Style," 1:30, 5:30, 7:30, 9:30.

PILGRIM—"Guns of Darkness" and "Battle Cry"; no times available.

SAXON—"Damn the Defiant," 9:45, 11:25, 1:30, 3:35, 5:40, 7:45, 9:50.

UPTOWN—"Advise and Consent," 1:00, 5:05, 9:15; "One, Two, Three," 11:00, 8:10, 7:25.

WELLESLEY HILLS COMMUNITY PLAYHOUSE—Through Sat., "Advise and Consent," Beginning Sunday, "The Special Road."

theatre . . .

Comic Sparks 'Seidman' At Colonial

By Charles Foster Ford

"Seidman and Son", which began a two-week pre-Broadway trial Monday night at the Colonial Theatre, trades heavily on a Jewish style of phrasing and delivery which is clever, rapid-fire, and a little shallow. Sam Levine's fine comic sense in the big role as Morris Seidman holds the big, sprawling play together, and it will probably be Levine and not the play itself which audiences go to see.

Morris Seidman has lots of problems. His son, instead of staying in medical school, is bent on becoming a beatnik poet. His dress designer won't sleep with his hot-shot salesman. And then there's a whole new line of fashion-creations being readied for the next season.

Between his home problems and his office problems, he is a very harried man indeed. But, true to formula, he gives each crisis in turn an injection of wit and reminiscence, and his experience and patience manage to win the field every time.

The battle of the generations between Morris and son Harold (Stewart Moss) is long on reminiscence, and short on genuine conflict. Dad realizes son's problems so well he often phrases them himself, before solving them. Mr. Moss probably turns in a poor performance mostly because, as yet, Harold is little more than a bundle of inarticulate cliches, waiting for a real character.

The love-story, though, such as it is, has more meat in it. Nancy Wickwire plays Laura Menken as an intelligent career-girl with the I'm-thirty-two-blues. She's sensitive and understanding enough to recognize in Morris Seidman a genuine, feeling, understanding man; and it is this kind of sensitivity which bitterly resents the glib attacks of Larry Kogan (Morgan Sterne), the of-

"SEIDMAN AND SON," by Eltek Moll, based on his novel. Produced by Joel Schenker and Michael Kamin for The Theatre Guild; production designed by William Pitkin; associate producer, Elliot Martin; directed by Carmen Capalbo.

CAST
Morris Seidman Sam Levine
Constancia Marian Carr
Sophia Seidman Francis Chaney
Jenny Seidman Alberta Grant
Harold Seidman Stewart Moss
Mr. Karp Martin Gardner
Rosenzweig Hy Anzell
Sidney John Crowther
Doreen Diana Muldaur
Laura Menken Nancy Wickwire
Larry Kogan Morgan Sterne
Miss Weintraub's Voice Sunny Harnett
Wlenski Vincent Gardenia
Leo Mike Sawyer
Miss Kelly Audrey Ward
Mr. Magnuson Mitchell Jason
Helen Sowliska Yafa Lerner
Shelley Sunny Harnett
Tina Mercedes Ospina
Janice Janice Carson

who has been with Seidman from the beginning, the violent and probably ulcerous production-manager Rosenzweig (Hy Anzell), and a flock of models. They populate the workroom of Seidman's dress shop well, but seem familiar.

Francis Chaney's Mrs. Seidman, and Alberta Grant as the daughter of the house Jenny, fill out the big family scene in act one. It is a typical home-life of the nouveau-riche businessman, with uniquely Jewish imagery and mannerisms.

"Seidman and Son" is probably a good, reassuring comedy for people forty and over, but except for fine performances by Sam Levine and Nancy Wickwire, there is little to recommend in it. There will probably be considerable re-writing done before it leaves Boston.

Theatre Schedule

ACTORS PLAYHOUSE—Through Sunday, "The Zoo Story" and "The American Dream"; Wed., Thurs., Sun., 8:40; Fri., Sat., 7:00, 9:15.

CHARLES PLAYHOUSE—"Three Penny Opera," Tues.-Fri., 8:30; Sat., 5:30, 9:00; Sun., 3:00, 7:30.

COLONIAL—"Seidman and Son," 8:00; mats. Thurs., 2:15, Sat., 2:30.

LOEB DRAMA CENTER—"The Misanthrope," through Sat., 8:30.

SCHUBERT—"The Unsinkable Molly Brown," 8:30; mats. Thurs. 2:15, Sat. 2:30.

WILBUR—"Come on Strong," 8:30; mats. Wed., Sat., 2:30; through Sat.

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Thurs., 27th—Jackie Washington.

Fri., 28th—Eric Von Schmidt.

Sat., 29th—Charles River Valley Boys (8 p. m. to 12 p. m.)

Sun., 30th—Hootenanny—open to all.

WTBS Schedule

WEDNESDAY, THURSDAY

7:00 pm: Tempo

10:05 pm: Mas-terworks

1:05 am: Sign Off

News: 6:45, 10:00 pm, 1:00 am

FRIDAY

7:00 pm: Jazz

9:00 pm: Nite Owl

2:05 am: Sign Off

News: 6:45, 10:00 pm, & 2:00 am

SATURDAY

7:00 pm: Jazz

9:00 pm: Folk Music from Club 47

10:05 pm: Nite Owl

2:05 am: Sign Off

News: 6:45 pm, 10:00 pm, 2:00 am

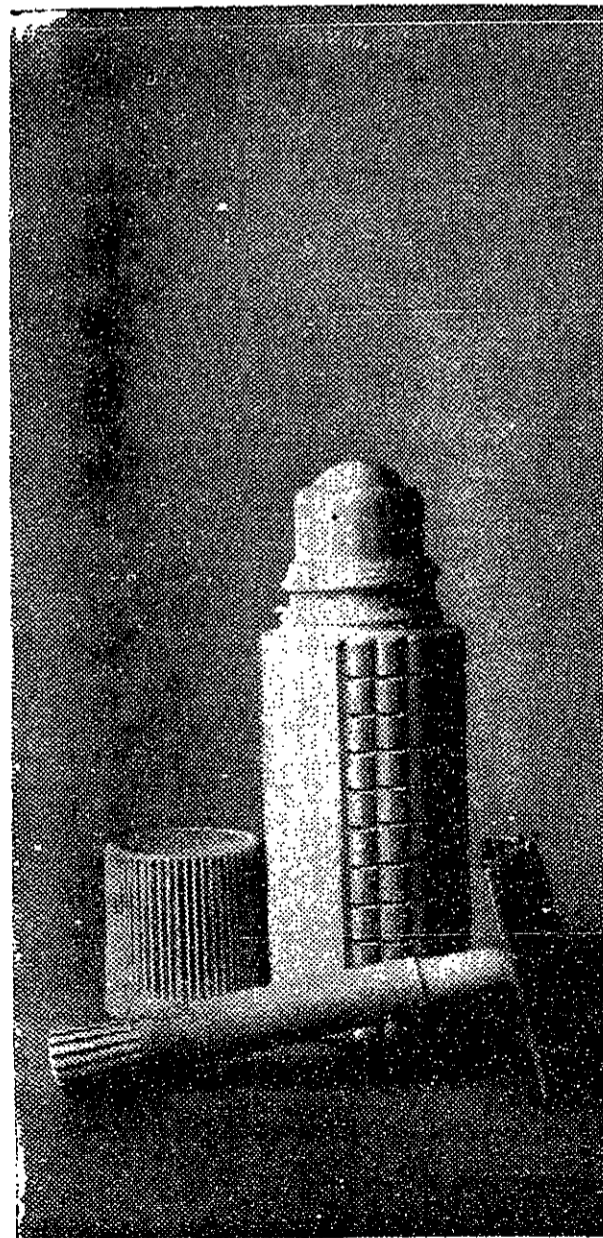
SUNDAY

7:00 pm: Folk-side

9:05 pm: Mas-terworks

1:05 am: Sign Off

News: 6:45 pm, 9:00 pm, 1:00 am



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85-Ton Flywheel to Keep Lights From Dimming

An 85-ton steel flywheel that will keep lights in Cambridge from dimming when a new magnet research laboratory starts up next year was moved by truck from Framingham to Cambridge in early July.

The wheel is part of electrical equipment for MIT's National Magnet Laboratory, now under construction.

The 20-mile trip for the wheel started about 2 a.m. and took six hours. Early morning was picked to avoid traffic! Cambridge police provided an escort along the route. The wheel was made by the General Electric Co., Schenectady, N. Y., and was shipped by rail as far as Framingham. It was unloaded in the Framingham freight yards in July. Low clearances along the railroad track into Cambridge meant the wheel had to be moved the rest of the way by truck. The wheel itself is 16 feet tall and it reaches even higher when mounted on a flatbed railroad car or trailer.

Because of wheel size and weight, road movement turned into a fair sized engineering task itself. Since no ordinary trailer would support the wheel, a special low flatbed trailer rig was constructed, using 32 tires mounted on four axles. When hooked to a heavy duty towing tractor, the rig was about 80 feet long. The wheel rode vertically on the trailer, supported by a timber crib built under its steel shaft, which is 16 inches in diameter.

The wheel is part of a motor-and-generator unit being installed by General Electric at the Laboratory and was delivered to GE engineers. The wheel will turn alternating current into direct current and supply this current, when needed, in short high power bursts without causing a dip in the Cambridge electric system.

Driven by alternating current, the flywheel, mounted on the motor-generator shaft, will spin at high speed and, by its momentum, will be a store of energy. When power bursts are needed, this momentum will be coupled onto the generator shaft by simply slowing down the wheel. Thus, the wheel will supply the added energy needed for the power bursts.

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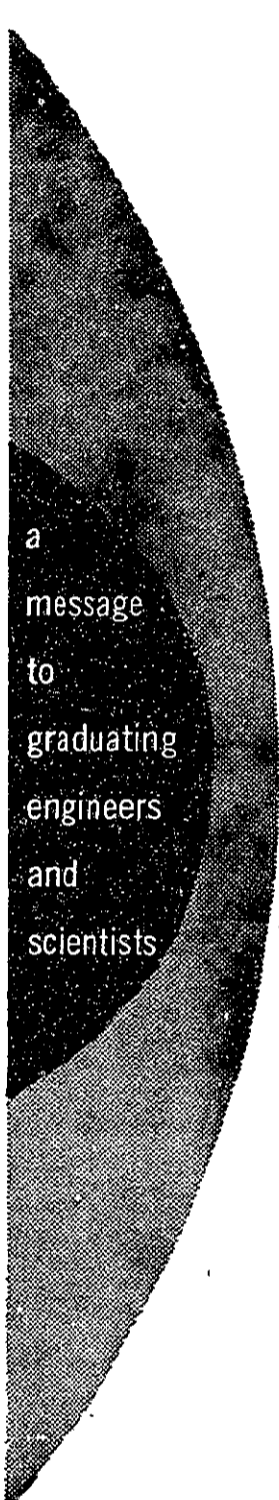
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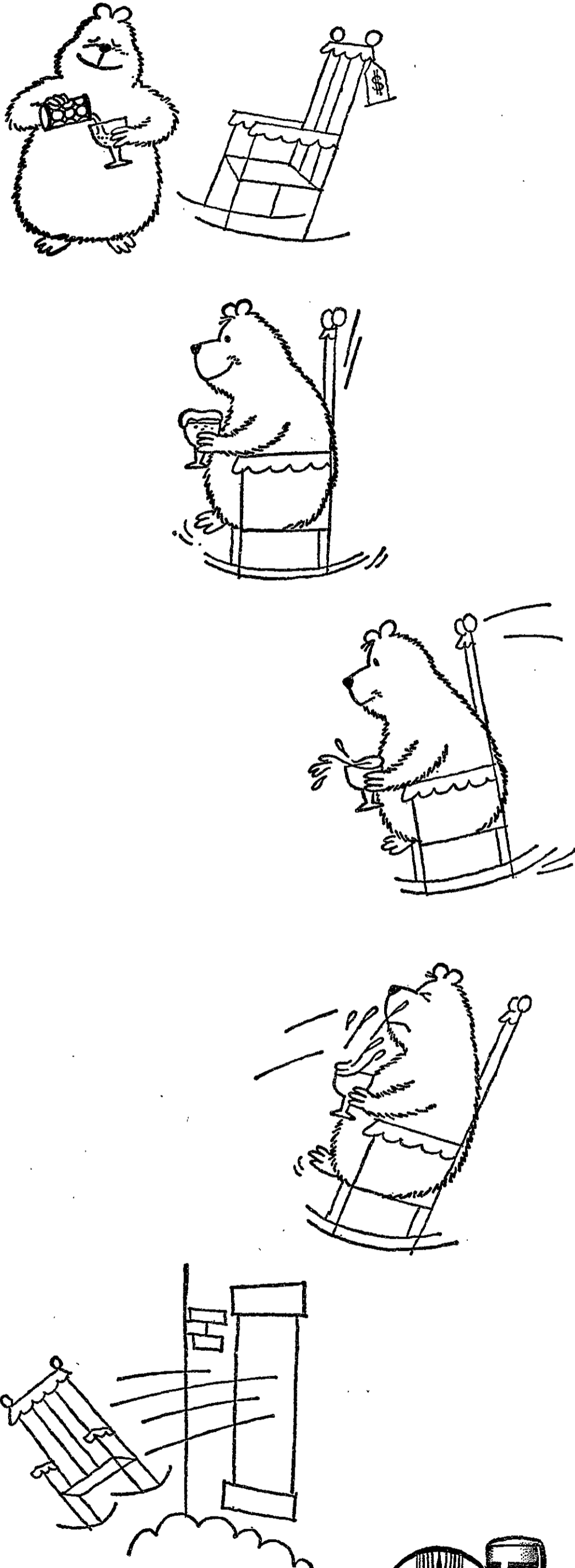
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New Atom Smasher

MIT Cyclotron Enlarged

MIT's cyclotron, for 22 years a mainstay among atom smashers, is undergoing a \$500,000 modernization. The entire cyclotron building (at 51 Vassar St., Cambridge), except for the cyclotron itself and the one-story concrete vault that houses it, has been torn down and a new building started.

The new two-story structure will be four times larger than the old (14,000 square feet compared to 3,000 square feet). Improvements over the previous facility will include: an enlarged target area for the atom-smashing cyclotron beam; up-to-date beam focusing equipment; a modern radiochemistry laboratory; and expanded general research laboratories.

Of the cost, \$350,000 has come from a U. S. Atomic Energy Commission grant and the rest from MIT and other sources. Occupancy is expected in early 1963.

In recent years, the cyclotron had become less and less useful as physicists exhausted the different experiments that could be performed with its former facilities; modernization will extend its useful life as a research tool well into the 1970s.

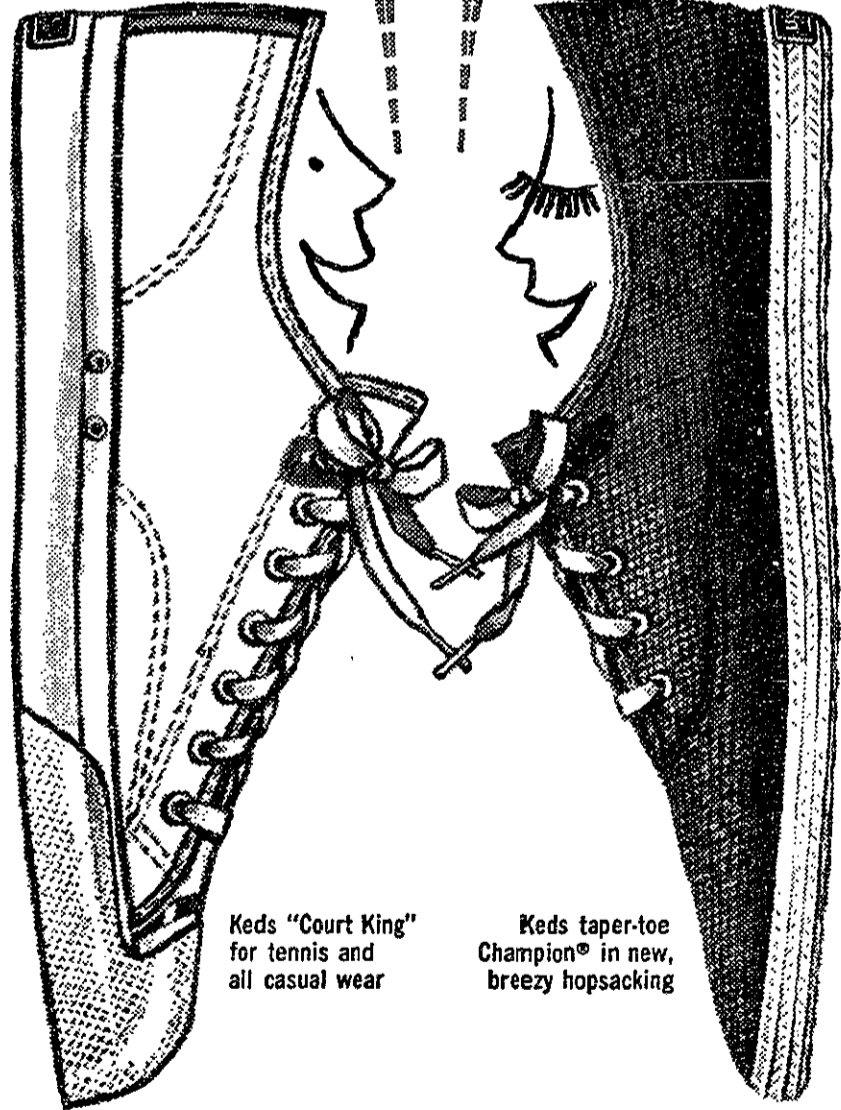
For one thing, the larger target area will permit experiments that could not be done before because of lack of space—such as time-of-flight experiments in which energies of accelerated nuclear particles are measured by clocking their speeds.

Also, finer focussing will make available more detailed and specific results from experiments. The new beam control will achieve this finer focussing by narrowing down the range of particle energies that are distributed over a cross section of the beam.

Moreover, the modernized machine will be particularly useful in performing nuclear experiments at low energies. In recent years, accelerators have been developed that produce beams at extremely high energies. But much nuclear research still remains to be done using the lower energy beams.

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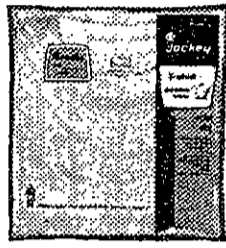
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Magnets Suspend Objects in Mid-Air

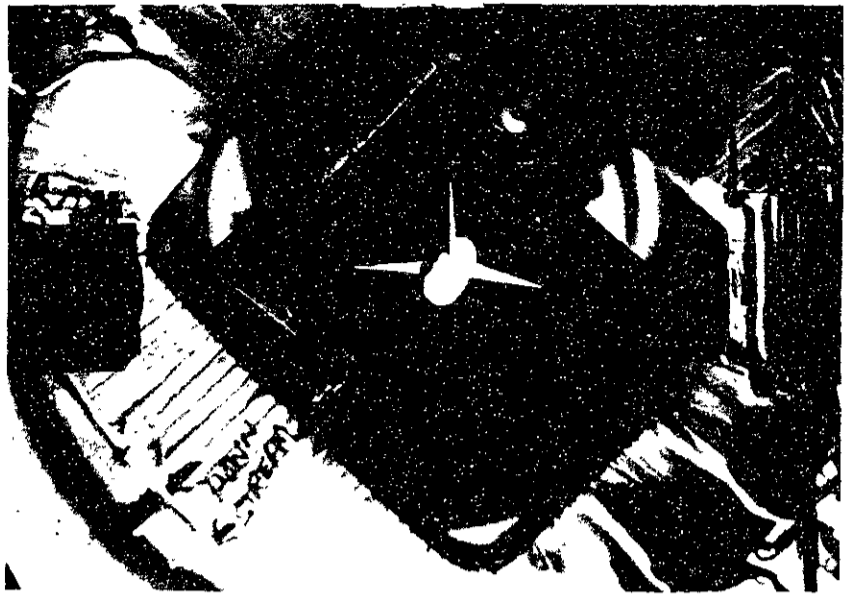
Scientists at the M.I.T. Aero-physics laboratory have found a way to suspend an object in mid-air with no visible means of support.

They have done it with magnets and are using the technique to suspend models of airplanes and rockets in a wind tunnel and thus find out how various shapes behave under conditions of supersonic flight. With magnetic suspension, the tests can be made without interference from support structures.

The models being used thus far are four to six inches long, weigh up to five ounces and have cylindrical iron cores of high magnetic permeability. They are suspended in the throat of a 4.8 Mach wind tunnel by the interaction of magnetic fields from five strong electro-magnets — two located above the model, two at one side, and one — in the shape of a hollow square — at the front, upwind from the model.

The strength of the field exerted by each magnet is precisely controlled by signals from optical systems that use light beams to sense model position. Each magnet is controlled by a separate light beam-lens-photocell unit.

When the test begins to change position in mid-air — for instance,



Airplane model is suspended magnetically for supersonic wind tunnel tests.

when it starts to fall due to gravity or when it starts to be attracted toward one of the magnets — the optical systems feed signals to the magnets that bring about an instantaneous compensation in field strength.

The result: Equilibrium.

Operators put models in and take them out by hand. They

simply hold a model between the magnets and let go. The model hangs in mid-air. The magnets are strong enough that operators must use a stiff tug to pull models out.

The suspension technique long has been a dream of wind tunnel operators. In the past, models have always required a solid structural support to hold them up during wind testing. At low subsonic speeds the support causes little trouble. The models behave in the wind tunnel the same way the later full-scale prototypes behave in free flight.

But at supersonic wind speeds and the corresponding high altitude pressures it's a different story. A rigid support — which usually is attached at the rear of the model — sets up air movements which obscure and distort what would be the true behavior of the test shape if it were in free flight.

Magnetic suspension of models has already been used to confirm an earlier theoretical finding that a supersonic vehicle whose body tapers to a point at the aft end incurs less drag than a body with a blunt aft end.

Looking Back...

Fifty Years Ago

Owing to an unavoidable delay in the alteration of the Union Dining Room, it will probably not be ready to cater to the students before Wednesday. A cement floor has been put in the rear of the room, the room has been painted and renovated throughout and many improvements added.

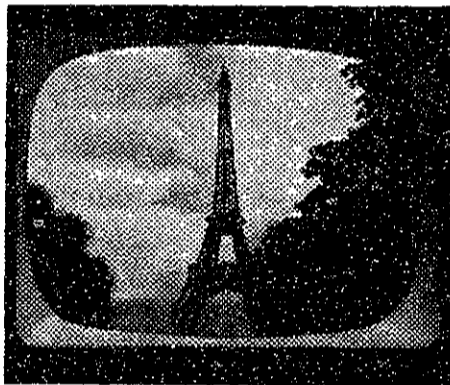
Twenty-Five Years Ago

Late this year the Institute will begin buying all its electric power from the Cambridge Electric Light Co. and thereafter Technology's power plant will be used exclusively for heating purposes. In addition to the present power load, the new wind tunnel and the powerful magnet developed by Dr. Francis Bitter for metallurgical and low temperature research will greatly increase the demands for power in the immediate future.

Ten Years Ago

Between 930 and 950 freshmen make this year's the largest entering class in the history of the Institute. Total enrollment for the Institute will be close to 5000 this year.

The unusually large number of freshmen was greater than originally planned by the Admissions Office. Each year for the last seven, the percentage of freshmen applicants who have dropped out after acceptance by the Institute has increased. The Admissions Office expected the trend to continue this year; the fact that it didn't explains the large number of first year students.



Reflections of Telstar

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During August

Linguists Convened Here

Cambridge was transformed into a twentieth century Babel when the Ninth International Congress of Linguists convened on Aug. 27. MIT and Harvard were joint hosts for the five-day meeting. Professional students of language from countries including Russia, Czechoslovakia, Vietnam, Ghana, Ceylon, India, Japan and Australia, discussed familiar languages like French, English and German and little-known ones like Dravidian, Tokharian and Assini-

boine. Even Navaho and Mohawk did not escape examination. One language discussed was Indo-European, spoken thousands of years ago and the one from which modern European tongues, including English, have descended.

Among the demonstrations prepared for the Congress was a machine that can read ordinary handwriting as well as write it. It is even capable of perfect forgeries. Tape recordings of speech were also on the agenda. There was a demonstration of a machine that talks. Unlike people, however, it needs 500 tubes and two miles of wire and the constant comfort of an air-conditioner in order to perform.

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6 Honored For Teaching

Six awards of \$500 each for "excellence in teaching" have been made to six young staff members of the Department of Electrical Engineering.

Four of the awards are provided by a grant of the Television Shares Management Corporation in 1957 to "help defray the expenses of graduate study of students working for advanced degrees, who have demonstrated an interest and proficiency in teaching." The recipients of these awards are: Richard J. Briggs of Arlington, Mass., Robert S. Cooper of Cambridge, Joseph L. Hall, II, of Belmont, and J. William Poduska of Brighton.

Two additional awards, named in honor of retiring Professor Carlton Tucker, were made this year by the department. The winners of these awards are: John S. MacDonald of Cambridge, and

Thomas G. Kincaid of Ontario, Canada.

De Florez Prizes Given

Three undergraduates at MIT have received Luis de Florez Awards for Outstanding Ingenuity in Mechanical Engineering. Award winners were announced May 23 during the annual spring festivities of the Department of Mechanical Engineering and were presented by Admiral Luis de Florez, MIT graduate of 51 years ago. De Florez Awards are given every year in both the Departments of Mechanical Engineering and Aeronautics and Astronautics. Mechanical engineering student Juan H. Crawford, a junior from Cambridge, received first prize of \$500 for his design and model of the atomic structure of a crystal. (The model, by using magnets to represent atoms, is unique in the way it illustrates changes that take place in the atomic structure of a material.)

David S. Nokes, a senior from Beverley, and William A. Vachon, a junior from Newtonville, were the recipients of honorable mentions and prizes of \$100 each.

Nokes designed a deep-sea power cable, giving special attention to protection of connectors from corrosion. Vachon designed an unmanned underwater vehicle for surveying the structure of the ocean floor.

Stanley Harrison, a senior at MIT, has received the Luis de Florez Award for Outstanding Ingenuity in Aeronautics and Astronautics.

Harrison won the de Florez Award for his "unusual ingenuity in the design and construction of an electrostatic satellite simulator"—a model reproducing the movements of satellites around the earth.

Because of the model's authentic reproduction of a real situation, the satellite simulator, contained within the vacuum of a bell jar, provides the first three-dimensional method of demonstrating in a laboratory planetary motion—that is satellite motion around a central body. Instead of holding the sphere in space by a mechanical means, Harrison has suspended it in orbit by setting up electrically charged fields about the central sphere. Effects of these electrostatic forces simulate the effects of the earth's gravitational field.

The simulator is considered ingenious for several features, among them the injection gun which may be adjusted to vary the velocity and charge of the small spheres which it fires into orbit around the model of the earth. The apparatus is triggered electrically outside the bell jar.

3540 Underclassmen, 3082 Grad Students Register For Classes

6,622 students had registered at MIT as of September 24, according to W. C. Wells, registrar.

This number includes 896 freshmen, 881 sophomores, 844 juniors, and 919 seniors in addition to 3082 graduate students, he said. This count is only preliminary, he added, since there are usually additions and deletions from the list of students, and a final count is not taken until approximately five weeks of classes have passed.

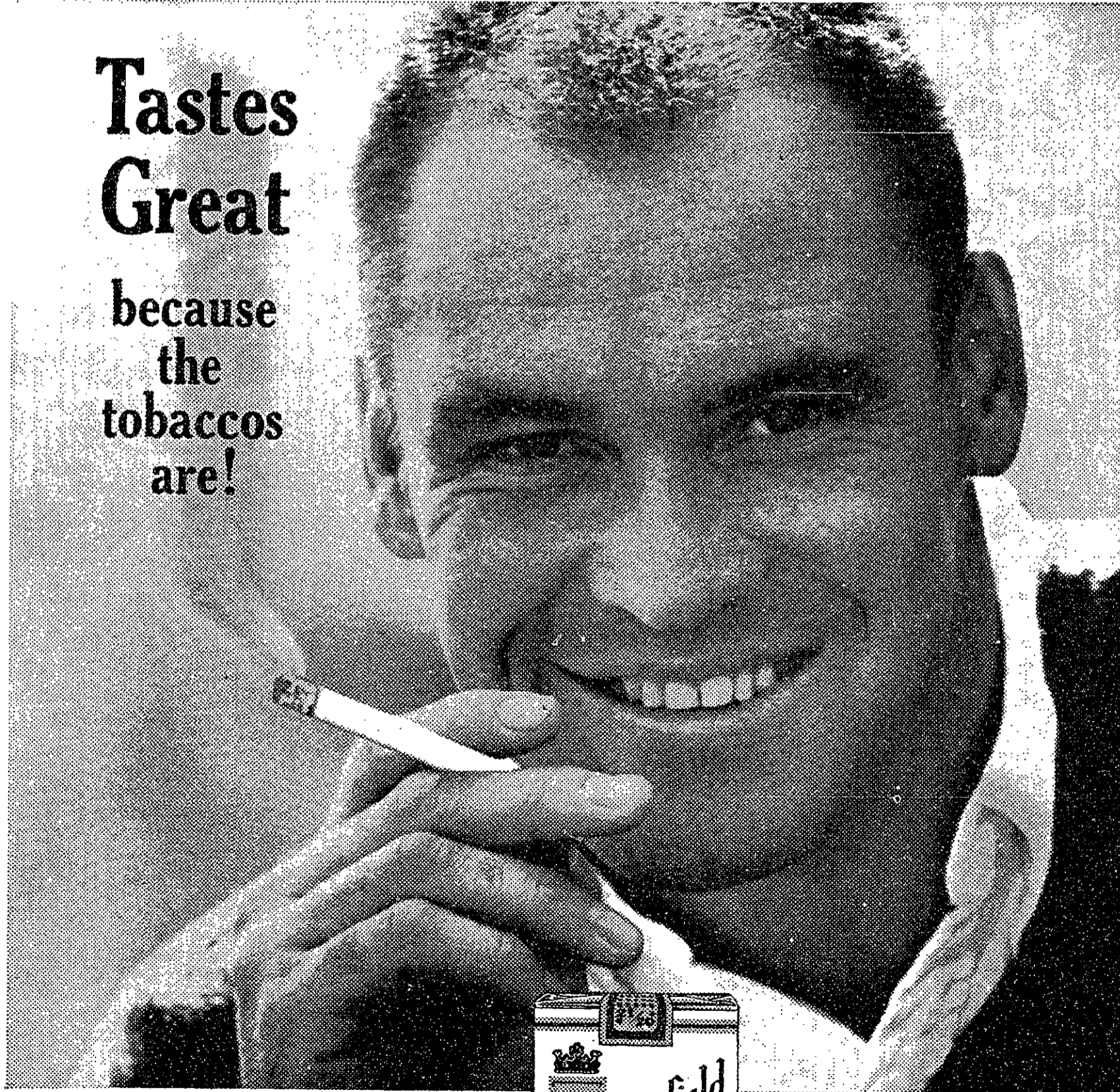
No new automated processes have been added this year, Mr. Wells said. Operations presently automated include the printing of roll cards and name cards, freshman sectioning and compilation of the student directory, which will come out by the third week in October this year.

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CHESTERFIELD KING

The smoke of a Chesterfield King mellows and softens as it flows through longer length... becomes smooth and gentle to your taste.

'Fellows In Africa' Termed Success

"MIT Fellows in Africa," initiated experimentally two years ago by the School of Industrial Management, has proven itself as an education and economic assistance project and will be continued, Dean Howard W. Johnson announced. Ten men have been appointed as participants beginning this fall.

Under the program, young management and law graduates work for two years in African nations in government offices or ministries of economic planning or commerce and industry. Their work includes selecting sources of aid for developmental projects, outlining and writing proposals for the projects themselves, drafting

ship," says John Glass, a recently returned member of the program, "we were working in positions of operational responsibility as subordinates, obliged to produce and be evaluated on our production." Under the MIT project, the Fellows provide a stop-gap supply of professional manpower as well as a source of training in economic matters for their African associates who eventually will take over the Fellows' posts.

Eight African nations are taking part in the MIT program. Nigeria, Tanganyika, and Uganda were the first to receive Fellows; in 1961 Sierra Leone, Ivory Coast, and Togo offered positions; and this year Sudan and Kenya have joined. The program is supported by a grant from the Ford Foundation. Although the School of Industrial Management sponsors "MIT Fellows in Africa," work performed in Africa by the participants is otherwise independent of the school.

"MIT Fellows in Africa" allows members to apply their professional knowledge as individuals responsible only to the African government for which they work. "Rather than being in a sheltered advisory or consulting relation-

Midway Again Successful



—Photo by Conrad Grundlehner
Some members of Dramashop entice the freshmen at the Activities Midway in Rockwell Cage last September 14.

Notices

LECTURES

The MIT United Christian Fellowship announces a talk on "The Historical Jesus" by the Reverend H. O. J. Brown will be given at 7:30 p. m., Tuesday, October 2, in Room 3-070.

MEETINGS

A discussion meeting will be held 5 p. m., Thursday, October 4, in the Little Theatre of Kresge Auditorium, for students interested in studying abroad in 1963-1964. Fulbright, Rhodes,

and Marshall applicants are especially invited.

The MIT Math Club will hold an organizational meeting at 5 p. m., Monday, October 8, in Room 10-250. Charles W. Forline will lecture on "Inversion and the Dodecahedron."

PLACEMENT TEST

The Peace Corps Placement Test will be given at 8:30 a. m., Saturday, September 29, at Memorial Hall, Harvard University.

SMOKER

The Joint Student Branch of the IRE-AIEE is holding a Get-Acquainted Smoker for all interested students, 3 to 5:30 p. m., Monday, October 1, in Room 10-105.

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330 Pledge; Dorms Runneth Over

Latest figures show that 320 freshmen, seven transfer students and three upper-classmen have pledged fraternities this year, according to Dean Frederick G. Fassett.

This year's freshmen class numbered 887 males and twenty-two females. Four hundred and forty-six freshmen have been settled in the dormitories. An additional fifty are non-resident students, residing in the Greater Boston Area.

Approximately thirty-one are on waiting lists, and are doubled up in dormitory rooms. The remainder of the freshmen are in special categories.

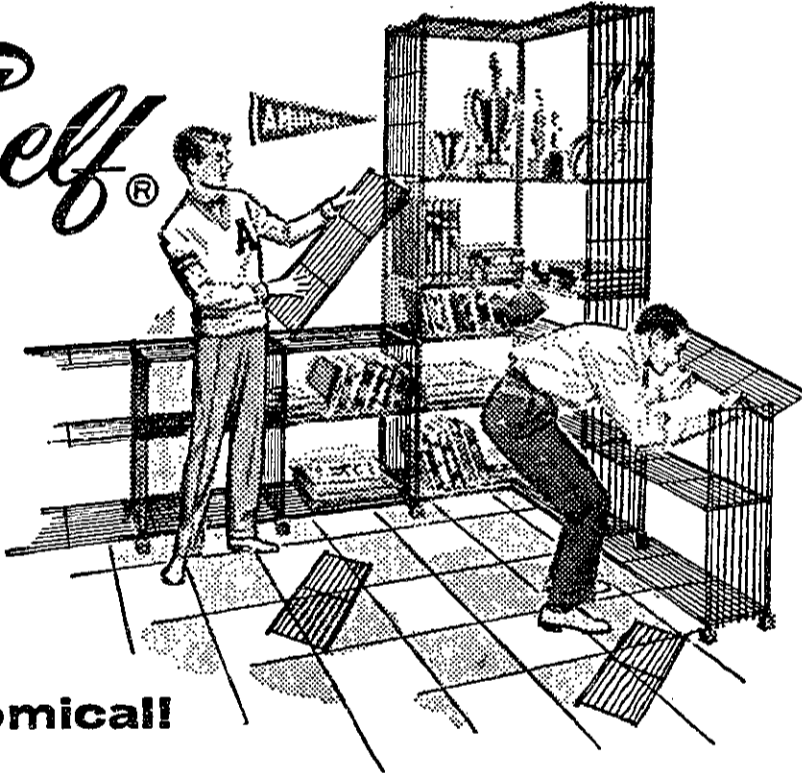
Dean Fassett hopes to have all residence problems solved by the end of the week.

This year, fraternity building activity has centered on general upkeep, maintenance and annual redecorating. No major alterations have been scheduled by the fraternities for this year.

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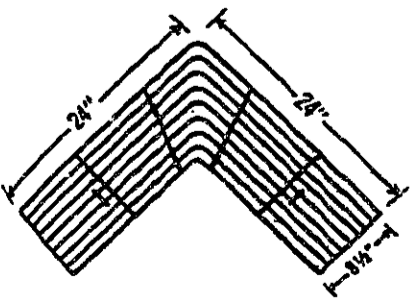
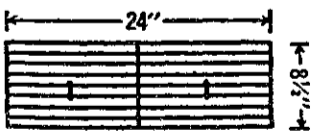
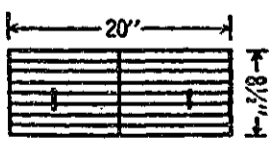
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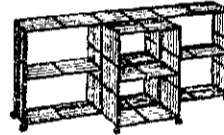
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Wood Bases	.19 ea.

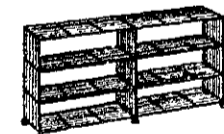
Tech Coop



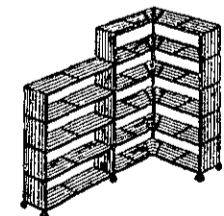
Vertical Bookcase
Consists of 7-20" Panels,
4-30" Panels, 4 Wood
Bases. Assembled Size
60" H x 22" L.



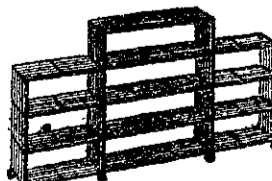
Television and
Phone Unit/Bookcase
Consists of 6-30"
Panels, 6-24" Panels,
6-20" Panels, 8 Bases.
Assembled Size
30" H x 72" L.



Horizontal Bookcase
Consists of 11-30" Panels,
6 Wood Bases. Assembled
Size 30" H x 63" L.



Corner Step-down Wall
Case or Room Divider
Consists of 4-20" Panels,
5-24" Panels, 2-30"
Panels, 6 Corner Panels,
7 Wood Bases. Assembled
Size 50" H x 50" L
x 25" L.



Room Divider/Bookcase
Consists of 4-20" Panels,
8-24" Panels, 7-30"
Panels, 8 Wood Bases.
Assembled Size
40" H x 82" L.



Cleopatra, with feminine guile,
Said to Tony, "Let's barge down the Nile!"
When she reached for an asp,
Her belt lost its clasp,
So she strapped it up Swingline style.

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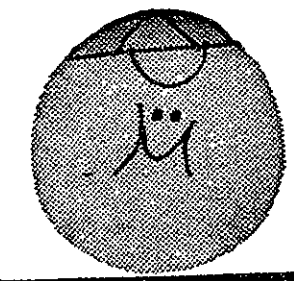


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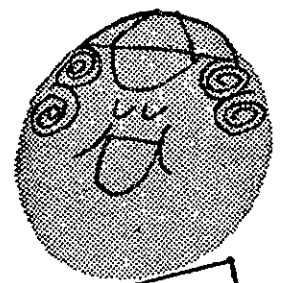
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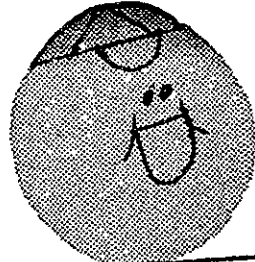
Campus Crowd Pleasers From



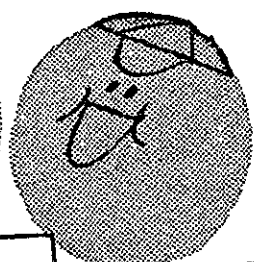
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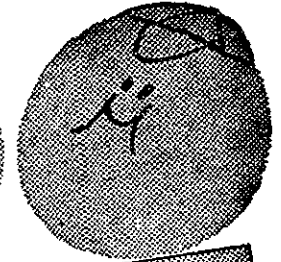
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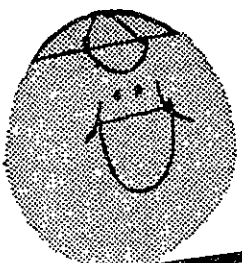
BOOKS LOVE 'EM... AND MOST IMPORTANT, THEY'RE ABSOLUTELY GRATIS. AND, PICK UP ON OUR CAMPUS CROWD-PLEASING ALBUMS. GRATIS, THEY'RE NOT. GRATIFYING, THEY ARE!



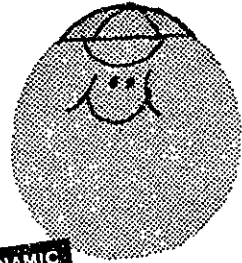
THE NATION'S TOP TRIO SINGS FOR THE FIRST TIME WITH FULL ORCHESTRAL AND CHORAL BACKING. (S) T-1747



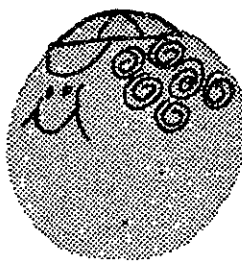
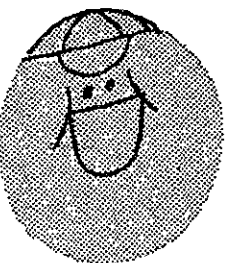
NAT KING COLE TAKES TO THE HILLS AND OFFERS SOME FINE COUNTRY AND WESTERN FARE. (S) T-1753



A BRILLIANT FIRST RECORDING BY THE "WEST SIDE STORY" OSCAR-WINNING STAR! (S)T-1750



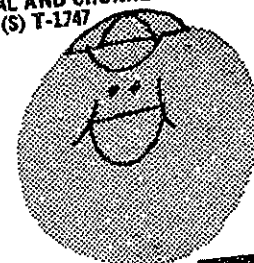
FAVORITE JAZZ THEMES WITH A FOUR FRESHMAN FLAVOR. (S)T-1753



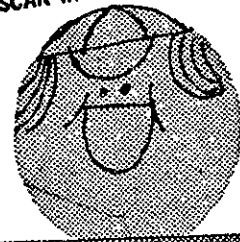
THE GEORGE SHEARING GENIUS WITH AN EXCITING, NEW TOUCH—CONCERTO ARRANGEMENTS OF GREAT STANDARDS. (S)T-1755



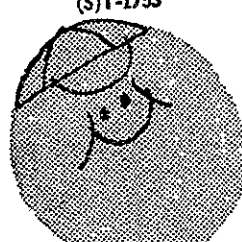
FAVORITE SONGS OF THE OLD WEST WITH MODERN BIG BAND BACKING. (S)T-1757



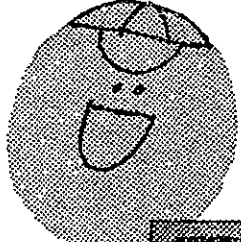
THE UNINHIBITED BARBARA DANE BELTS SOME LUSTY, GUSTY BLUES. (S)T-1758



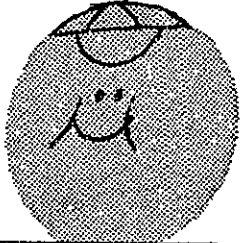
A "LETTER-PERFECT" PERFORMANCE. (S)T-1761



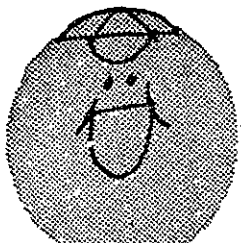
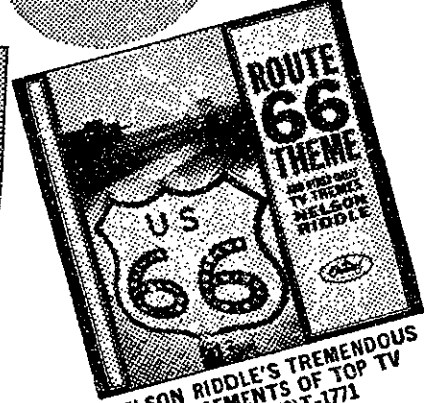
AN EXERCISE IN HORROR BY A MASTER OF SUSPENSE. (S)T-1763



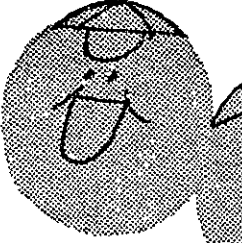
FIRST LIVE CONCERT RECORDING BY THE FABULOUS JOURNEMEN. (S)T-1770



HER GREATEST PERFORMANCES LIKE "BEWITCHED," "HOW HIGH THE MOON" AND "WILLOW WEEP FOR ME" (S)T-1693



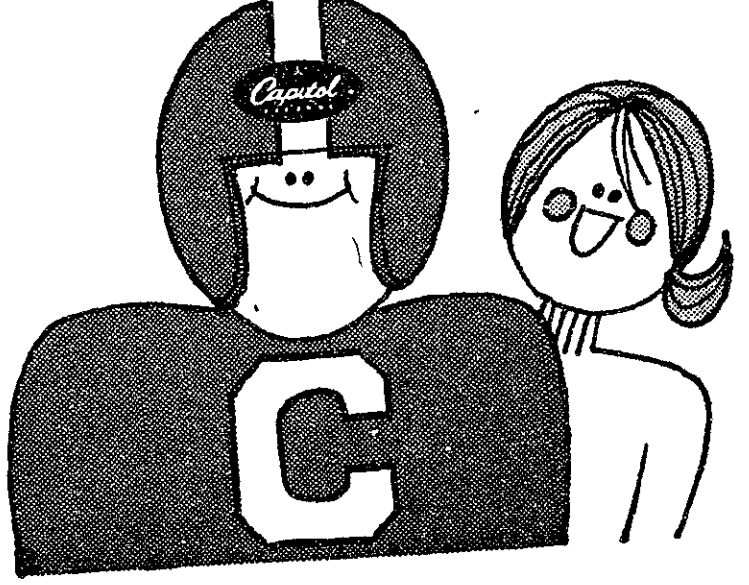
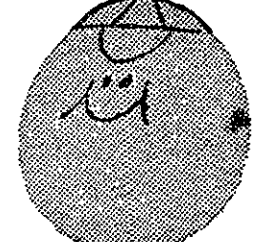
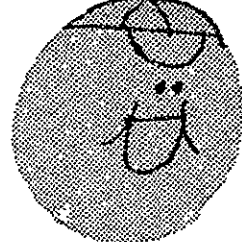
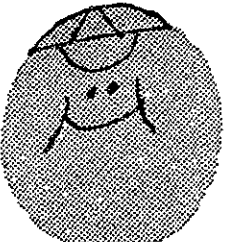
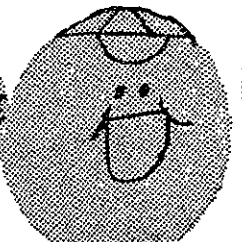
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NANCY WILSON SINGS SWEETLY WITH STRING CHOIR ARRANGEMENTS BY GEORGE SHEARING. (S)T-1767



HER LATEST SENSATION SINCE THE BEST-SELLING "JUDY AT CARNEGIE HALL" (S)W-1710



IM Tennis Season Opens Tuesday

By Cliff Weinstein
The 1962 Intramural Tennis season begins with first-round matches on Tuesday, September 25. As in the past, the schedule will consist of a single elimination tournament among all living groups entered. Each team will consist of seven men, concurrently playing three

singles and two double matches. Until the semifinal round, matches will consist of single sets which must be won by two games. Last year's winner, Graduate House, and runner-up, East Campus, are entered in the draw along with some twenty living groups that will be competing for the prized IM championship.

Tech Goffers Stopped By Strong URI Squad

(Continued from Page 16)

the longest drivers on the team, and John Sinnot should also prove to be valuable assets to the squad. Rounding out the team are sophs Roy Carver, Tom Hedberg, Joe Mangano, Bill Shoemaker, and Don Wismer.

Seek Managers

Despite the high degree of student interest in golf at MIT, both the varsity and frosh teams are still in need of managers. Students interested in these positions are urged to contact Coach Merriman immediately.

In Coach Merriman, Tech is fortunate in having a man with almost forty years of coaching experience. After graduating from Springfield College where he lettered in baseball, football, and golf, he coached various sports at Worcester Academy, Trinity College and the Coast Guard Academy, where he also served as athletic director. Mr. Merriman came to MIT in 1957 and became varsity golf coach in 1960.

'66 Views Cuba Invasion

(Continued from page 1)

Monroe Doctrine as the reason for being in favor of invasion. "The only way to stop the advance of Communism is to draw a line and forbid them to step over it. The Monroe Doctrine drew the line. They stepped over. If we don't stop them now, they will keep on stepping until they get to the Potomac."

One philosophical Techman had this to say: "To insure that our security remains firm, to enforce the Monroe Doctrine, and to announce to the world that at long last we have chosen in a decision between keeping our values and surrender to the U.S.S.R., we should invade. The absence of values is a prime indicator that we as a nation have lost our 'soul'. We are empty. Etc. etc. etc."

"Whether or not we invade Cuba, they accuse us of plotting invasions, anyway. We may as well get our money's worth."

Barry Goldwater fans naturally got in a few comments, as: "Not only does Barry Goldwater heartily approve the plan, but it really appears quite logical in view of the fact that this island

is becoming a base from which the Communist Czars can launch new aggressionary attacks against the nations of the Western Hemisphere."

Another, more trusting than the first, implies that there is no need whatsoever for logic, "Barry Goldwater says so and what Barry Goldwater says is good for the U.S.!"

"See What Happens"

Another of our foreign policy experts says "Of course we should invade. Russia's bluffing. Hit them with fire bombs and see what happens."

"An ounce of prevention is worth a megaton of cures."

"Our Marines have to do something to avoid total boredom."

Of course, there was one semi-cryptic comment on the President's family: "Yes, because Caroline does not plan the armed forces activities anymore!"

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Tech Sailors Edged By Coast Guard, RPI For Danmark Trophy

MIT's varsity sailing team had its first test of the season last weekend at the Coast Guard Academy in New London, Connecticut where the Techmen placed 3rd in the Danmark Trophy competition. The quest for this prized cup brought out a field of 17 top contenders. Present were most of the Ivy League schools, Tufts, RPI, Coast Guard, Wesleyan, B.U., and English teams from London, Cambridge, and Oxford University.

Coast Guard Triumphs

As in the past, the Coast Guard's knowledge of its own boats and waters proved too much even for this kind of stiff competition; and they won by a comfortable twenty point margin—once again retaining the trophy. MIT placed in a very respectable third place, behind a powerful Rensselaer squad.

Wins 6 of 10

Ken Klare '63, as Class A skipper, turned in an awesome performance by winning six of his ten races and ending up high point skipper in his division. Unfortunately Mike Lifschitz and Henry Weil were not able to come anywhere near this performance in the Class B division which they co-skipped.

MIT Golf Squad Falls To URI First Time Ever

By Ed Steinberg

MIT's varsity golfers began their fall season on a discouraging note Thursday, losing to the University of Rhode Island 831-839. The defeat marked the first time the Engineers have ever lost to the Rams on the links.

Paced by Conti, Karboski

The victors were paced by Kenneth Conti and Charles Karboski, each of whom shot a 75. Bill Lakin '64 and Pete Lubitz '65 were the only Techmen to break 80. Lakin played very steady golf to post a 76 while Lubitz carded a 79. Co-captains Mike Finson '63 and Neil Hull '63 wound up with scores of 82.

Graduation has deprived the Engineers of the services of Chuck Gamble, top man on the squad for three years, and Alder Foster last year's number two man. However, Coach John Merriman hopes to end the campaign at the .500 mark by winning two of the remaining three matches on this fall schedule. These contests include a return meet with Rhode Island and matches against Boston College and Brandeis.

Hull, Finson Play Key Role

Hull and Finson are the only seniors on the squad. Both have seen frequent action in the past and their performances against URI indicate that they will be key players this year.

Four junior lettermen provide the team with some sorely needed experience. Despite a disappointing showing Thursday, Bill Graham may be Tech's best golfer. Graham, who is returning to the squad after a year's absence, qualified for the New England College Tournament in 1961. The other juniors are Lakin, Emilio Sardi, and Glen Stith, numbers 3, 4, and 5 men on last year's team.

Boosted by Sophs

The backbone of the team may be composed of four sophomores up from last year's freshman squad which posted a heartbreaking 2-3 record against very formidable opposition. Lubitz was the low man for the frosh at every meet and is being counted on heavily by Coach Merriman.

Ralph Cicerone has been tremendously impressive in practice and shot an 83 Thursday. Judging by the form they have exhibited thus far, Alan Pogeler, one of

(Please turn to Page 15)

IM Football Opens With 19 Weekend Contests

By Ken Snelthaus '66



Hard rushing techniques of Delta Upsilon (black jerseys) kept East Campus well away from the goal line in one of Saturday's opening IM football contests. DU tallies each. The Sigma Chi's shut out Phi Kappa (Photo by John Torode) Theta as they rolled up an easy 14-0 victory.

Another intramural football season opened Saturday and Sunday as last year's powers and this year's hopefuls clashed on Briggs field in 19 hard-playing contests. Early triumphs provide indications of close races in all leagues.

Betas Swamp Baker

League I action began as defending champion Beta Theta Pi swamped Baker House 25-0. Scoring for the Betas was highlighted by Harold Branson's two touchdowns. The Beta defense continued on a par with that of last year. Phi Delta Theta and Graduate House battled to an exciting 6-6 tie.

In League II, Delta Upsilon defeated East Campus with a late surge of offensive power. Leading the DU's were Jeff Paarz and Jim Allen with two touchdowns each. The Sigma Chi's shut out Phi Kappa

Lambda Chi, DTD Romp

Decisive victories by Lambda Chi Alpha and Delta Tau Delta in League III predict a tough battle for league leadership. Bill Dreiss and Dave Driscoll sparked the Deltas contributing two touchdowns apiece in a 26-0 win over Sigma Phi Epsilon. For the Lambda Chi's, Bob Beach caught a pair of TD passes from Dave Sikes and Sikes ran one over himself to make it 18-0 against Theta Delta Chi.

Sigma Alpha Epsilon's 26 points was too much for Theta Chi in their League IV opener. The SAE attack centered on the double six-point efforts of Bill Bails and Bill Lenoir. Phi Gamma Delta rambled past Burton House 30-6. The Fiji's demonstrated their well-rounded offense as their scoring was divided among Roy Wittenback, Al Gaston, Jack Moter, and Bruce Nelson.

One Sided Victories

The Division B season started with Delta Kappa Epsilon, and Sigma Alpha Mu winning in one-sided battles. Other Division B victors were Alpha Epsilon Pi, Alpha Tau Omega, Phi Kappa Sigma, Pi Lambda Phi, Sigma Nu, Zeta Beta Tau, Student House, Grad House Dining Staff, and NRSA.

DIVISION A

League I
Betas 25, Baker House 0
Phi Delta Theta 6, Grad House 6

League II
DU 32, East Campus 18
Sigma Chi 14, Phi Kappa Theta 0

League III
Delta Tau Delta 26, Sigma Phi Epsilon 0
Lambda Chi Alpha 18, Theta Delta Chi 0

League IV
Phi Gamma Delta 30, Burton House 6
SAE 26, Theta Chi 7

DIVISION B

League V
ATO 12, TEP 0
PSK 7, Nuclear Eng. 0 (f)

League VI
PLP 37, Walker Dining 0
AEP 7, PSK 0

League VII
ZBT 19, PMD 6
Stud. House 19, PBE 0

League VIII
SN 7, Burton B 0 (f)
Grad Din. 7, Chi Phi 0

Leagues IX and X
DKE 38, TX 0
NRSA 20, Sen. House 12
SAM 34, KS 0

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Stronger Than Last Year

Harriers Face BC, Tufts, Brandeis Friday

By Mike Oliver

MIT's cross country team is putting the last workouts before their first meet, this Friday with Boston College, Brandeis and Tufts at Franklin Park. Coach Art Farnham's charges look considerably stronger than last year's squad, which posted an even 6-6 record.

McMillan Sets Pace

Co-captains Tom Goddard, '63, and Roger Hinrich, '63, are looking very strong in workouts as the opening meet approaches. Dick McMillan, '65, is a very welcome surprise this fall. Presently, Speedy looks like the number one man on the squad. Summer workouts have paid off in superior conditioning and make Dick a valuable asset to the squad.

Close behind these three is Chuch Sigwart, '64, who has cut his time over the 4.1 mile course at Franklin Park by over thirty seconds from last year. Another surprise is Frank Shaw, '65, who looks much improved over last year and is now right with the leaders of the group, pushing them quite hard.

John Dressler, '64, shows much promise along with reformed half-

miler Dean Hubbard, '65, Mike Oliver, '65, and Bill Purves, '65.

Face Top Competition

The big competition on this year's schedule comes early. MIT's Harriers take on Boston College Friday, a widely respected team led by one of the best milers in New England. Two weeks from this Saturday the Techmen meet Springfield and Williams in a triangular meet. Springfield is one of the strongest teams in New England.

Other question marks on the schedule include Coast Guard, UNH, and Northeastern. This year for the first time in several years, the team will journey to Wheaton, Illinois for the National Small College CC Championship Meet. Naturally this looms as the high point of the schedule. However, two other championship meets the MIT runners will participate in are the Easterns and the New England.

Kelly Joins Staff

Besides a strong team this year

a new assistant coach has been added to the staff. He is Gordon Kelly, formerly an outstanding pole vaulter at Springfield College. He is giving much help during the CC season and will be even more valuable as a field events coach during indoor and outdoor track.

On Deck

Friday, September 28

Cross Country (V) — Boston College, Brandeis, Tufts, Away, 4:00 p.m.

Cross Country (F) — Boston College, Tufts, Away, 4:00 p.m.

Saturday, September 29

Soccer (V) — Coast Guard, Home, 2:00 p.m.

Tuesday, October 2

Soccer (V) — W.P.I. Away, 3:30 p.m.

Soccer (F) — Medford High School, Home, 4:00 p.m.

MIT Tops Bowdoin

Soccer — Tech's Answer To Football



The above action was commonplace Saturday on Briggs Field as MIT's Soccer Team took on Bowdoin in a pre-season scrimmage. Tech easily overpowered their opponents to a 3-0 victory.

MIT has often been called the school with everything except football. Unfortunately, most people don't realize that the Institute has a fall sport that more than takes the place of football. Despite the fact that MIT's Soccer Team is one of the finest in New England, the home matches are continually plagued by poor attendance. In the hope that this situation is partially caused by lack of acquaintance with this world-wide sport, The Tech is reprinting the following article, especially for the benefit of freshmen, from the October 4, 1961 issue.

Soccer is called the "international game" and is the most popular sport in the world. There are eleven men on a side, consisting of a goal keeper, two fullbacks, three halfbacks, and five forwards (outside right, inside right, center, inside left, outside left). The college game is played in four 22-minute periods. A goal is scored by kicking,

heading, or chesting the ball into the goal between the goalposts and under the cross-bar. The field is bounded by the touch (side) lines and the goal (end) lines. The team play used to move the ball is similar to that used in basketball and lacrosse. The goalie is the only person who may touch the ball with his hands; he must get rid of the ball at once and can take only four steps while holding (or "clearing") the ball.

Corner Kick—A corner kick is awarded to the attacking team when the ball goes over the goal (end) line and was last touched by a defending player. The ball is kicked into play from the nearest corner of the field to the place where the ball went out-of-bounds.

Goal Kick—A goal kick is awarded to the defending team when the ball goes over the goal (end) line and was last touched by an attacking player. The ball is kicked into play from the corner of the goal area nearest the side where the ball went out-of-bounds.

Indirect Free Kick From Touch — When the ball has gone over the touch (side) line, it is kicked into play by the team opposite to that of the player who last touched the ball.

Direct Free Kick—A direct free kick is awarded as a result of a personal foul such as pushing, kicking, or tripping and is made from the point of the infraction of the rules. A goal can be scored directly from this kick.

Indirect Free Kick—An indirect kick is awarded as a result of certain fouls such as ungentlemanly conduct and off-sides. The kick is made from the point of the infraction and must touch another player before a goal can be scored.

Penalty Kick—A free kick is awarded if a personal foul is committed by the defending team within the penalty area. It is taken from a line twelve yards from the goal and the goalie is the only player who can defend against it.

Off-Sides—When in the attacking half of the field, there must be at least two defensive players, one of whom may be the goalie, between the goal and the man receiving the ball at the moment the ball is kicked. This rule prevents a player from staying back and then receiving a long kick and scoring while the remaining members of both teams—except the goalie—are at the opposite end of the field.