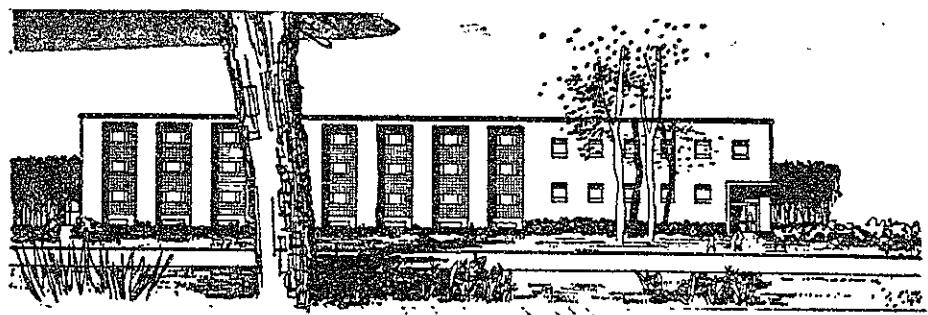


THE TECH



CAMBRIDGE, MASS.
FRIDAY, FEB. 11, 1949
PRICE FIVE CENTS
VOL. LXIX NO. 4

THE OFFICIAL NEWSPAPER
OF THE M.I.T. UNDERGRADUATES



Hydrodynamics Laboratory . . . See Column 1

Construction Will Start Soon On \$500,000 Lab

Plans for immediate construction of a Hydrodynamics Laboratory and Model Ship Towing Tank at the Massachusetts Institute of Technology were announced at the mid-winter meeting of M.I.T. alumni on Saturday, February 5, by Dr. James R. Killian, Jr., President of the Institute.

The new laboratory, which will provide extensive facilities for research in the behavior of liquids and gases, will be located on Institute property at the intersection of Main and Vassar Streets in Cambridge.

Meets Acute Needs

"This new building," explained Dr. Killian in making the announcement, "will meet the most acute of the Institute's current needs for facilities to broaden its educational and research program in new fields of engineering and technology."

The first project undertaken in the \$200,000 development program of the Institute, the new laboratory is expected to cost at least \$500,000. Because its need is so urgent, Dr. Killian explained, construction of the building is now beginning although available funds designated for its construction are being supplemented by unrestricted funds of the Institute.

Fluid Flow Importance

"In recent years," Dr. Killian noted, "the increasingly important applications of fluid flow in industry have served to make hydro-

(Continued on Page 3)

Scabbard & Blade Formal Will Open New Social Season

To start the formals off this term, Co. G-5 of the National Honorary Society of Scabbard and Blade is preparing for their annual Military Ball to be held in Morss Hall on Friday, March 4.

Tickets will be on sale next week and the week before the formal, to anyone wishing to attend, whether connected with the army or not. Either formal or military dress will be the order of the evening for dancing to the Techonians from 9:00 p.m. to 1:00 a.m.

A searchlight will be parked in front of Walker Memorial for a little added illumination. Inside, a military theme will be followed, with rifles, artillery, etc., adorning the hall. The real highlight of the evening for the new Scabbard and Blade members comes when their dates present them with their sabers. After a march, the young ladies are opposite their escorts, and on command, approach them, and present them with a gleaming saber, as well as with an embrace and kiss.

Professors, Wives, Secretaries Star In Show At Walker Tonight

By HERBERT LIMMER

Morss Hall will be turned into a theatre when the M.I.T. Staff Players present J. B. Priestley's "Laburnum Grove" tonight and tomorrow night at 8:30.

Anniversary Performance

Celebrating their fifteenth anniversary this year the Staff Players

will be played by professors at the Institute. The female part of the cast is composed of students' wives, professors' wives, and Institute secretaries.

Professor M. Stanley Livingston will leave the cyclotron long enough to play the part of a rather stuffy middle-class Englishman who is suspected of being a big-time law-

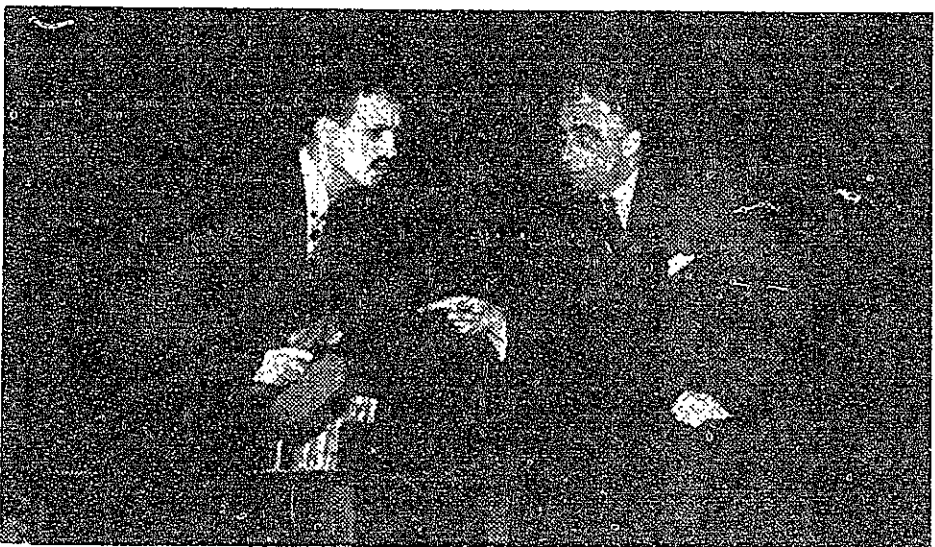


Photo by Astrachan

Prof. Stanley Livingstone, as George Radfern, warning Joe Fletten, played by William Siebert.

will present the same show as that given in the club's first performance. This fact will be underlined by the presence of one big birthday cake for each performance, said cakes to be part of the refreshments of which the audience will partake. The original cast will be present as guests of honor.

The show will be presented in the unusual "arena" style, in which the audience completely surrounds the players, thus providing a more realistic atmosphere to the performance.

Cast Composed of Professors

One of the most interesting features of "Laburnum Grove" will be that all but one of the male roles

breaker. Mrs. Livingston will act as his rather annoying sister-in-law. Professor Alan T. Gifford's associates and students will be interested in his portrayal of a wandering-footed ne'er-do-well. Professor David Waugh, Mrs. Kay Stratton, Mrs. Priscilla Rockwell, William Siebert, and many other members of the Institute's staff will also take part in the performance. The show is being directed by Professor Jack Woodruff, Professor of English and Director of Dramatics at Tufts.

Tickets will be on sale in Building 10 at noon today, as well as at the T.C.A. and at the door in Walker Memorial immediately before the performance.

Parking Permit To Be Required In New System

Stickers To Be Issued For Three Separate Areas Around Grounds

Parking permits, stickers, and a gate on the Vassar Street entrance will mark the inauguration of a new parking system around the Institute grounds, Mr. J. H. Barraford, Asst. Superintendent of Buildings and Power, announced that all students living in the dormitories and barracks, as well as most faculty members will be required to obtain a parking permit to use the Institute lots.

Three Areas Planned

According to Mr. Barraford, three distinct areas will be defined. Zone "A" will include the main parking area whose entrance is on Massachusetts Avenue, and will be used almost exclusively by faculty members. Zone "B" will include the parking areas between the pool and the new library, and this area will be used by both faculty members and students.

During the winter months it is desirable for students to use the area immediately next to the dorms, and in the lots behind the dorms. This will facilitate plowing, and will allow students to get their cars out in the event of sudden snowfalls.

The third area, zone "C", includes

(Continued on Page 6)

Calendar Of Events Will Be Published Solely By The Tech

With the next issue, Tuesday, February 15, the Institute's official Calendar of Events will be published exclusively in *The Tech*. Announcement of this change was made by Mr. John J. Rowlands, Director of the News Service.

Through arrangement with the Institute, those staff members and D.I.C. project supervisors who have been receiving the Calendar will receive full subscriptions to *The Tech*.

To meet technical requirements under the new schedule of publication, the Calendar will be printed in the Tuesday issues and will cover the period from Wednesday through Tuesday. Deadline for submission of copy to the Calendar of Events Office, Room 7-204, will be noon the Thursday before the date of insertion. No copy should be sent to *The Tech*.

Section Leader Election Will Be Held Next Week

The Elections Committee has announced that nominations for the election of freshman section leaders will be held in the freshman drawing classes during the week of February 14.

Spend Summer in S. A. Or Europe For \$700

The opportunity to visit either a European or South American country this summer and to live with a family there is now available. The entire trip would last two to three months and would cost between six and seven hundred dollars. Further information is available at the N.S.A. office, Room 110, Walker Memorial. Also available, is information on summer study abroad with and without scholarships.

World's Educators To Assemble Here For Inauguration

Fewer Openings Await Graduates

Recent Survey Shows Expansion Decreasing

A recent survey made for the Veterans Administration by the Department of Labor indicated that engineering graduates may generally expect to find "stiffer competition" for jobs. Over 35,000 engineers are expected to graduate in 1949, and close to 50,000 will receive bachelors' degrees in 1950.

During one year approximately 7,000 older engineers drop out, creating vacancies. The engineering profession has been expanding rapidly during the past several decades, but the rate of growth is slowing down.

Chemistry Competition Increasing
Increasing competition was also reported for chemists having only bachelors' degrees. Those with advanced degrees will have better opportunities, but there has been a general decline in openings for these men also.

"A moderate increase" in em-

(Continued on Page 3)

SCHOLARSHIP NOTICE

According to a recent announcement from Dean Pitre's office, all undergraduate scholarship applications must be filed before February 18.

Frosh Get Break In 8.02 Lectures

Activity Talks By Baker, Geiger, Sage, Burchard

Freshman physic sections were given a short respite from their lectures yesterday when faculty and administration men discussed the value of activities.

Everett M. Baker, Dean of Students, John E. Burchard, Dean of Humanities, and Ivan J. Geiger, Director of Athletics, each spoke at the beginning of one lecture. They pointed out the benefits which participation in activities produces during college life and the experience activities give for work after graduation.

N. McL. Sage, Director, Division of Industrial Cooperation, said, "Engineers are about 75% composed of people who do not do a good job at writing or speaking, whereas the world seems to be run by people who can write and speak, regardless of how poorly they think . . ."

An international mid-century convocation on the social implications of scientific progress will be held at the Institute on March 31 and April 1, and will be climaxed on April 2 by the inauguration of Dr. James R. Killian, Jr., as the Institute's tenth president.

The convocation will bring to Cambridge statesmen, educators, and scientists from all parts of the world, as well as the official delegates who will represent universities in this country and abroad at Dr. Killian's inauguration. The total attendance is expected to be of more than four thousand guests.

Killian Inauguration

The ceremonies, at which Dr. Compton will introduce Dr. Killian and invest him with the authority of his office as president of the Institute, will be held in the Rockwell Cage at 11:00 a.m. Saturday morning, April 2.

The academic delegates and Harvard University will be represented by Dr. James Bryant Conant, President of the University, who will address the guests. The president of the class of 1949, John T. Tooby, will address the new president on behalf of the Institute's student body.

The alumni will be represented in an address by David A. Shepard of London, a member of the class of 1926 with which Dr. Killian was graduated. The faculty will be represented by Dr. George R. Harrison, Dean of Science, whose address will close the inauguration ceremonies.

Convocation Opens Thursday

The convocation will open on the afternoon of Thursday, March 31, with an address by Professor John E. Burchard, Dean of Humanities at M.I.T. and Chairman of the Convocation. Dr. Karl T. Compton, Chairman of the Corporation of

(Continued on Page 3)

Radcliffe To Join In Feb. 18 Concert

The M.I.T. Musical Clubs will present a concert on February 18. The performers will be the members of the Radcliffe Choral Society and the M.I.T. Glee Club. The concert, which is to be held in Morss Hall, Walker Memorial, will begin at 8:30 p.m. The Radcliffe group will be directed by Professor G. Wallace Woodworth, while Professor Klaus Liepman will conduct the M.I.T. men.

The Techonians will furnish music for the dance to be held after the concert, lasting until 1:00 A.M. Tickets are \$60 per person for the concert, and \$1.20 per person for the concert and dance. Stag tickets will be sold for the concert, but not for the dance.

We think we're pretty good!!!

What do YOU think?

Come to the Newsroom (Rm. 307, Walker Memorial), any Sunday or Wednesday after 5:00 p.m., and tell us what you would do if YOU were on our staff.

The Tech

The Tech

VOL. LXIX

FRIDAY, FEBRUARY 11, 1949

No. 4

MANAGING BOARD

General Manager	Norman E. Champ, Jr.	'50
Business Manager	David M. Benenson	'50
Editor	Sander Rubin	'50
Managing Editor	David Reiner	'50

EDITORS

Assignments	Frank H. Hoart	'51	Features	Marvin C. Grossman	'51
Ass'ts.	Robert M. Lurie	'52	Ass'ts.	Edward B. Stringham	'51
Exchange	Donald A. Young	'50		Herbert D. Linnmer	'50
Sports	George H. Myers	'51	Photography	Robert H. Elliott	'50
Ass'ts.	Leo Sartor	'50	Ass't	Paul Gerhardt	'49
	Bruce G. Curry	'52	News	William R. Miller	'51
	Eugene S. Lubarsky	'51	Assoc. Ed.	John R. Sevier	'51

MANAGERS

Advertising	David A. Janis	'51	Treasurer	Edward A. Ort	'51
Ass't	George Bromfield	'51	Publicity	Robert E. Bagnall	'50
Circulation	Sheldon B. Herkowitz	'51	Office	Thomas G. Hagan	'51
Assoc. for Sales	Warren Marcus	'50	Personnel	David M. Ulline	'50

STAFF MEMBERS

Marc L. Aellen, '51; Robert B. Astrachan, '52; Lydia R. Bacot, '52; Annette G. Bousquet, '52; Bruce L. Calhoun, '49; William P. Chandler, '52; Charles F. Cordes, '51; Walter E. Diets, '52; John A. Dixon, '52; Robert T. Dorris, '52; William W. Dunn, '52; Herbert Eisenberg, '52; Kenneth E. Eldred, '51; Hasbrouck Fletcher, '51; Jon L. Ganser, '51; Richard E. Glenn, '50; Peter J. Gomotos, '50; Ernest A. Grunfeld, '52; Ralph W. Hall, '50; George E. Hancock, '52; Charles A. Homberg, '52; Robert W. Jeffrey, '52; Richard H. Koehler, '50; Howard K. Kothe, '49; Gerald F. Laufs, '52; John C. Lowry, '52; George L. Mellor, '52; Edward B. Mikrut, '50; James H. Murray, '52; Robert L. Nesbitt, '49; John E. Schutt, '51; Paul M. Seever, '52; Richard H. Silverman, '52; Nathan H. Sivin, '52; Newell J. Trask, '52; Rodger K. Vance, '52; Robert F. Walsh, '52.

EDITORIAL BOARD

Dale O. Cooper, '51; Thomas L. Hilton, '49; Daniel L. McGuinness, '50; Fred Vanderschmidt, '51.

OFFICES OF THE TECH

News and Editorial—Room 307, Walker Memorial, Cambridge, Mass.
Telephones Kirkland 7-1851, 7-1852

Business—Room 335, Walker Memorial. Telephone Kirkland 7-1831.
Mail Subscription \$3.00 per year, \$5.00 for two years.
Published every Tuesday and Friday during college year, except during college vacation.
Entered as second class matter December 9, 1944, at the Post Office, at Boston, Mass., under the Act of March 31, 1879.
Represented for national advertising by National Advertising Service, Inc., College Publishers Representative, 420 Madison Ave., New York, N. Y.

Night Editor: Thomas G. Hagan, '51

Assistant Night Editor: Charles G. Beaudette, '52

VACATED DATES

In the past the faculty designated several days including April 19 as Technology's Spring Vacation. There was a sinister motive behind this choice; since the nineteenth of April is Patriots' Day, a legal holiday in Massachusetts commemorating the morning after Paul Revere's ride, one of the vacation days fulfills an obligation to the State. This term, for instance, the Spring Recess was to have been from April 16 through April 20.

One of the gripes Techmen have had about vacations was the lack of coordination between those of the Institute and those of other colleges. Not only would the Techman go home in April to find all his friends away at school, but men who dated girls from local colleges would have to do without their Radcliffe or Wellesley women at two Eastertime weekends. The situation never was very serious, but those who found time for an active social life and who had it disrupted in this fashion usually felt that the faculty could have been more considerate when planning the vacation schedules.

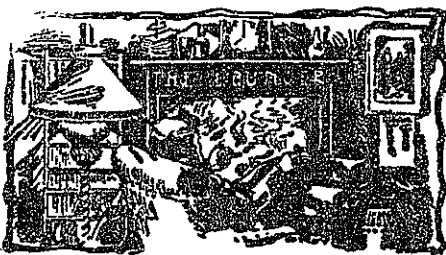
Now, with all the best intentions, the faculty has re-examined the school calendar. Last fall they announced that changes would be made, and that beginning with next September a new schedule would go into effect. The only change made in this year's calendar (as set forth in the catalog) was the shifting of the Spring Recess from the dates mentioned to March 26 through April 3. We gain several days of additional holiday, and presumably, we still have a day off on April 19 courtesy of Mr. Revere and the Commonwealth. Indeed, we are blessed with unusually liberal vacations and will probably have to work all the harder as a result.

Mind you, we do not wish to cavil or examine a gift horse's teeth too closely, but we just looked at a calendar and found that the vacation originally scheduled in April lay spang in the middle of Easter week. Once again, therefore, we will go home for Spring Recess and find all our friends away at college. Please, faculty, studies are hard enough, but there are other things in the world besides books; in the future, won't you integrate the Institute's Calendar with the timetable of the rest of the world?

PARKING PROBLEM

For the past several weeks the Department of Buildings and Power has been putting into effect a new automobile parking procedure to be followed by students, staff, and faculty. Over a longer period of time, a program of expansion of parking facilities has been carried out, although one would not know it to look at the east parking lot. West of Massachusetts Avenue, however, much soggy field has been paved, and when construction is finished at Hayden Library and other projects, the east lot will be restored to an unpitted condition.

The new regulations are designed to distribute the available space equitably and, in winter, facilitate snow removal. As we understand it, there should be enough spaces assigned for students' use to accommodate nearly all who use a car at school. In some cases, minor hardships may result from assignments to inconvenient parking lots, but it may be expected that in return parking will be faster and more convenient for most autoists. Or so we hope.



Someone once said that Technology was a "place for men to work, not for boys to play." There are several among us who have not heeded the advice of this sage, and instead spend their time doing other things, i.e., playing guitars, accordions, building kilowatt transmitters, or simply sleeping at hours which nature didn't set aside for such purposes.

Down in the dark dank corridors of the Bemis Beanery, if one cares to stroll there some evening about 9 o'clock, the observer will be quick to notice the unorthodox atmosphere. It was this same unorthodox atmosphere which led a certain group of our finest students, to wit, Messrs. I. Cole, R. M. Moroney, W. E. Philhower and T. A. Weil, to compose a little song, which we believe merits reproduction on these pages . . .

As I walked out of the room 10-250,
As I walked out of the lecture one day,
I spied a poor freshman with slipstick and pencil,
With slipstick and pencil and so much to say!
I see by your outfit that you are a senior,
These words did he say as I slowly limped by;
Come sit down beside me and solve this equation,
I've got a straight F and I'm saying goodbye.
I integrate slowly, my quiz marks are lowly,
My theme was rejected, they say it's too clear;
With farads and coulombs, and Joules, dynes and newtons,
A hell of a future, a Tech engineer.
I dream differentials and standard potentials,
My mass action constants are always the same;
My chem lab assignments are dry lab refinements,
And chemistry lectures are always to blame.
Let six Tech coeds come and carry my slide rule,
Let six happy seniors come help me along;
For I'm a poor freshman with nothing but failures,
A poor starving student, but I've done no wrong.

The following notice was discovered on a Building Ten Bulletin Board, evidently placed there by a dissatisfied student.

"All students who are taking Course XV subjects and who expect to graduate this February will be required to sign non-Democratic affidavits in Room 1-170, before 5:00 p.m. Friday, January 28."

Glancing through the pages of "Look" magazine, our eyes fell upon an article entitled, "The New Neckline." Upon closer scrutinization—
(Continued on Page 6)

Fraternity Findings

Taking advantage of the vacation between terms, many fraternity men enjoyed Florida's fun in the sun or upper New England's winter sports. A Deke and several Phi Beta's spent the time at Del Ray Beach. Four S.A.E.'s, wearing sun glasses, were seen in a convertible driving up and down Miami Beach. A large group of Theta Chi's also responded to the lure of surf, sunshine, and sand.

A number of Sigma Chi's were almost marooned for several days at Stowe while in Elmwood Lodge with 23 girls from Bryn Mawr and next door to 6 from Briarcliffe. Also at Stowe, several Phi Gam's and Phi Sig's were seen on the upper slopes of Mt. Mansfield, unaware of the Sigma Chi's gold mine.

Phi Sigma Kappa will open their house—and hearts too, if the decorations are any indication—this Saturday evening. Guests will be introduced to Cupid's kingdom when they find themselves walking

through a large heart on the front door. The party, at the first of the term in atmosphere favorable to the good bowman, should set the pace for ones to follow. Contributing will be liquid refreshments and dancing to records, both a sure aid to St. Valentine.

On the weekend of the 19th the Delta Tau Delta's will invite members from other chapters to their New England Delta weekend. A formal at the Hampshire House will inaugurate the festivities on Friday evening. Saturday, after a cocktail party and buffet dinner at Tufts, the Delts will move en masse to their house at M.I.T. for the evening's entertainment. Set-ups will be provided and Hal Reeves' trio will furnish the music. If last year is any indication, only the glimmer of sunlight will quell the hearty spirits.

WALTON'S CHEFS SAY:

WE'VE MADE THIS NAME STAND FOR QUALITY FOOD!

Walton's

We tease your palate... while pleasing your purse... with deliciously prepared foods, high in nutrition value. For quality meals... you'll dine where you see the familiar WALTON'S sign!

Walton's

STILL

WHY? YOU GET THE BEST VALUE OF COFFEE IN TOWN!

Can you qualify for this \$4000-A-YEAR JOB?

Get the full details from the Aviation Cadet Interviewing Team. It will be here;



They have what it takes

TELEPHONE LINEMEN have the traditional Bell System spirit of service that aims to "get the message through." They also have what it takes in the way of equipment and supplies.

Their wires, cables, poles, tools and countless other things are provided by Western Electric—maker or supplier of practically everything used in your telephone service. We carry stocks of 31,000 different items to help all Bell telephone people, not only to do their daily job of maintaining and expanding telephone facilities but also to meet sudden emergencies.

Western Electric has been a part of the Bell System for many, many years—ever since 1882. Our people share in the System's spirit of service. We, too, are always ready to answer the unexpected hurry call—to help "get the message through."

Western Electric

A UNIT OF THE BELL SYSTEM SINCE 1882

A SPECIAL CHECKING ACCOUNT

SAVES TIME AND STEPS PAYING BILLS

20 CHECKS for \$2

KENDALL SQUARE OFFICE

HARVARD TRUST COMPANY

MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION

Air Force Seeks Recruits At Tech

Opportunities for a career as an officer with the United States Air Force will be explained to interested men at the Institute on February 14, 15, and 16 by a special Air Force Aviation Cadet Team, Lt. Col. Robert E. Guay, First Air Force Aviation Cadet Procurement Officer, announced recently. The talks will be held in Room 7-104. Candidates must be from 20 to 26½ years of age, physically fit and have completed two or more years of college. Men meeting these speci-

fications may sign up for an interview in Room 7-101. On February 14, 15, and 16, The Aviation Cadet Team will administer all preliminary examinations to applicants. Successful candidates will then take the final physical examination and complete an interview at a later day. Men accepted will receive basic flight training at various fields in Texas. Successful Cadets will be given their pilots' wings and commissions as Second Lieutenants in the Air Force Reserve after only twelve months of training. They will go on active duty immediately upon graduation and can earn pay and allowances in excess of \$4000 a year.

Occupation

(Continued from Page 1) ployment in the electric utility industry was predicted. This will be reflected in openings for over 1,000 electrical engineers to help plan, install, and operate new facilities. The study also said, however, that in many electrical utility occupations there will be more openings to replace retiring workers than new jobs.

Atomic Energy

The development of atomic energy plants to produce electricity is not expected to influence the industry during the next ten to twenty years. Even when such plants are put into use they are not expected to have much effect on employment, as they involve primarily substitution of atomic energy for other fuels.

Hydrolab

(Continued from Page 1)

dynamics a field of great industrial and engineering significance. At the present time there is acute need, both educationally and industrially, for a laboratory on the eastern seaboard adequately equipped for work in all aspects of fluid mechanics." The greater part of the building will be devoted to a central research laboratory for hydrodynamics, the space in which will remain a highly flexible area in which many projects of varying sizes can be accommodated. Storage tanks for 15,000 cubic feet of water will be used to supply the laboratory's requirements.

Towing Tank

The Ship Model Towing Tank will be 8½ feet wide and 106 feet long, with special equipment to move accurate models of ship hulls at variable speeds through the length of the tank, either in still water or in waves of predetermined sizes.

Thieves Loot Co-op Of 4000 Dollars In One Ton Safe

Robbery Still Unsolved By Police Department After Nearly 2 Weeks

During the weekend of January 29, a group of thieves, seizing the opportunity of our mid-year vacation inactivity, successfully made away with a safe from the Coop containing between \$3500 and \$4000. According to the Cambridge Police Department, a duplicate key to the outer set of doors of the Coop enabled the unknown men to enter the vestibule of the store. Once inside the vestibule, they broke the panes of the inner door and then proceeded to the cashier's counter where they forced their way inside the cage, thus gaining access to the safe. The safe was then removed from the store through the side exit on Amherst Street. Precisely what the bandits did with this massive strong box, weighing more than two thousand pounds, and how they successfully maneuvered it from the Coop still remains a mystery to the authorities. If any recent progress has been made by the Cambridge Police Department, they are keeping it confidential.

Hi Neighbor

HAVE A 'GANSETT

NARRAGANSETT SALES CORP.

541 SHAWMUT AVENUE, BOSTON

From our fine collection of imported HMV, English Columbia, Pathe, Les Discophile Francais, Cetra, English Decca (ffr) and others, let us suggest—

Valse from "Facade" (William Walton). Louis Kentner, piano-forte solo. (English Columbia)

159 DEVONSHIRE ST.
Between Milk & Franklin Sts. HU 2-2295



MEET THE BOARD OF OPPORTUNITY

Convocation

(Continued from Page 1)

M.I.T. and Chairman of the Research and Development Board of the National Military Establishment, will sound the keynote of the convocation in an address on "The State of Science." In the evening there will be a general convocation on the subject, "The Twentieth Century, its Promise and its Realization." The program on Friday, April 1, the second day of the convocation, will consist of six panel discussions, the first of which will consider "Men Against Nature . . . the Problem of World Production." The second, on Friday afternoon, will consider "Men Against Men . . . the Problem of the Underdeveloped Area." There will be two panels on spiritual questions, the first "Science, Materialism, and the Human Spirit," and the second "The Role of the Individual in a World of Institutions."

*Smoke a LUCKY
to feel your LEVEL best!*

Luckies' fine tobacco picks you up when you're low . . . calms you down when you're tense!



Luckies' fine tobacco puts you on the right level—the Lucky level—to feel your level best, do your level best. That's why it's important to remember that LUCKY STRIKE MEANS FINE TOBACCO—mild, ripe, light tobacco that makes a thoroughly enjoyable smoke. No wonder more independent tobacco experts—auctioneers, buyers and warehousemen—smoke Lucky Strike regularly than smoke the next two leading brands combined. Light up a Lucky! Luckies' fine tobacco picks you up when you're low, calms you down when you're tense. So get on the Lucky level where it's fun to be alive. Get a carton and get started today!



COPR. THE AMERICAN TOBACCO COMPANY

L.S./M.F.T. — Lucky Strike Means Fine Tobacco

The
MISSES LITTLEFIELD
Harvard Square
Professional Typists
THESES—MANUSCRIPTS
4 Brattle St. TRowbridge 6-7495

Dinty MOORE'S
A Famous Boston Eating Place
● Distinctive decor . . . friendly informal, yet dignified atmosphere . . . men waiters . . . linen table service . . . wide variety on menus . . . excellent bar.
● Open Daily Till 9:00 P.M.
● Favorite spot for radio, newspaper, theatre, sports, and Tech crowd.
● "In the alley off Avery Street" Directly behind the Astor Theatre

Quintet Tops Coast Guard To Break Losing Streak

Honkalehto, Morton Star In 61-55 Win

With Ozzie Honkalehto and Lou Morton leading the way before a cheering Walker crowd, the Beaver courtmen finally broke their seven-game losing streak as they downed Coast Guard, 61-55, way back on January 14.

Honkalehto's accurate one-handers supplied the scoring punch while Morton was a "demon" under the boards all night, in addition to handing out numerous assists. Other fine performances were turned in by Captain Jim Madden and Rich Rorschach, whose point production also reached double figures.

Early Lead Lost

The beginning of the contest suggested a rout as the Engineers leaped to an 18-8 lead in the first eight minutes of play. However, with Tech's starting five sitting on the bench, the Sailors began to move. Ken Burchett's four quick goals led the Coast Guard uprising as the visitors moved out in front momentarily, but two baskets by Leon Hong gave the Beavers a 29-27 half-time advantage.

A brief Sailor flurry at the start of the second stanza left Tech with a five point deficit. This outburst was short lived, however, as "Honk" dropped in three straight double-deckers in the next minute. With the tide turned, the Engineers raced ahead, to 57-46, their greatest lead, and then proceeded to coast leisurely home.

At B.U. Tonight

This evening the quintet will tap-off against Boston University at the latter's gym in an attempt to reverse an early 40-33 setback. The Beavers will have to iron out the "kinks" caused by their long layoff if they hope to achieve the top form needed to win.

M.I.T. (61)		COAST GUARD (55)	
	G F P		G F P
Madden, rf	5 4 14	Vaughn, rf	2 1 5
Inman	0 0 0	Doane	4 0 8
Honkalehto, lf	7 3 17	Holgreen, lf	3 0 6
Hong	3 2 8	O'Connell	1 0 2
Morton, c	2 2 10	Smith	0 0 0
Hitchins	0 0 0	Schwob, c	1 0 2
MacMillan, rg	1 0 2	Irish	1 0 2
Campbell	0 0 0	Carr, rg	1 2 4
Rorschach, lg	5 0 10	Ash	0 0 0
Kyros	0 0 0	Boggs	2 2 6
Eutzow	0 0 0	Kenny, lg	3 1 7
		Burchett	4 3 11
		Nagle	1 0 2
Totals	25 11 61	Totals	23 9 55

Basketball Tourney To End Next Week

The Intramural Basketball Tournament will be completed next week when SAE, Wood, Theta Chi, and Pi Lambda Phi battle for the championship.

The fifth team scheduled to play in the Round Robin finals was Navy, a squad composed of Annapolis graduates taking some undergraduate subjects at Tech. Since they left at the end of last term, their games were played prior to the examination period.

In the game with Wood, Navy was victorious by the score of 32 to 29. Ling of Wood was high scorer with 13 points while Leffingell of Navy notched 12 points to take second honors. Navy also defeated Pi

(Continued on Page 5)

SYMPHONY HALL
SUNDAY EVE., FEB. 27

Woody HERMAN
and his GREAT HERD

IN SPECTACULAR CONCERT WITH

The King Cole TRIO

TICKETS \$1.20, \$1.80, \$2.40, \$3.00
AT BOX OFFICE

Grads Score High In Last Swim Meet

Freshmen Swamp Foes And Smash 2 Records

Co-Captain Dick Pfitler and free-stylers Paul Hurlbut and Dave Kellom made their last appearance on the Beaver swimming squad January 15, when the tankmen lost to Bowdoin 28-47 in the latter's pool.

The three graduates scored over half of Tech's points, and their loss will be felt by the squad in its remaining meets. Kellom was high point man for Tech as a result of seconds in the 220- and 440-yard free-style races and a leg of the

BASEBALL PRACTICE

With snow still on the ground and hardly a promise of spring in the air, Tech's baseball squad will begin battery workouts on Monday, February 14, under the watchful eyes of Warren Berg, who will coach the varsity, and Jim Phillips, coaching the freshman aggregation.

A heavy schedule of games is planned with such teams as Boston University, Worcester and Boston College already on the schedule. With the early starting date and improved facilities, a good season is anticipated. Before the opening game in April an intensive training program will be held, beginning with the working of pitchers and catchers in the cage, to be followed by infielders at a date not disclosed at present.

SKI Branch LESS COST

More rides per day = less cost per ride

• Novice slope with lift

4 LIFTS

MANCHESTER, VERMONT

FENNELL'S

59 MASSACHUSETTS AVE., BOSTON

IMPORTED and DOMESTIC WINES — LIQUORS AND ALES

Across the BRIDGE at Commonwealth Ave.

TEL. **KENMORE 6-0222**

OPEN DAILY 9 A.M. TO 11 P.M. — Free Delivery Service

We Have On Hand BUDWEISER, PABST BLUE RIBBON, SCHLITZ BEER, PICKWICK ALE

Beaver's winning 440-yard relay team.

Besides the relay victory, Tech scored only one other first. Bob Pelletier placed first in the 220-yard breast-stroke in front of two Bowdoin men to account for the individual victory.

Frosh Win

The frosh swimming squad has been victorious in its last two meets scoring victories over Dean

Academy and Gardner High School.

The meet with Gardner was held at Tech January 15, and the frosh took four individual firsts and both relays to win 46 to 29. In their other meet, the freshmen downed Dean Academy, 53-21.

Further evidence of the strength of the frosh squad was shown when two freshmen swimming records were broken. Bob Damon swam the

(Continued on Page 5)

like cream hair tonics?

Here's the cream of them all!

contains Viratol

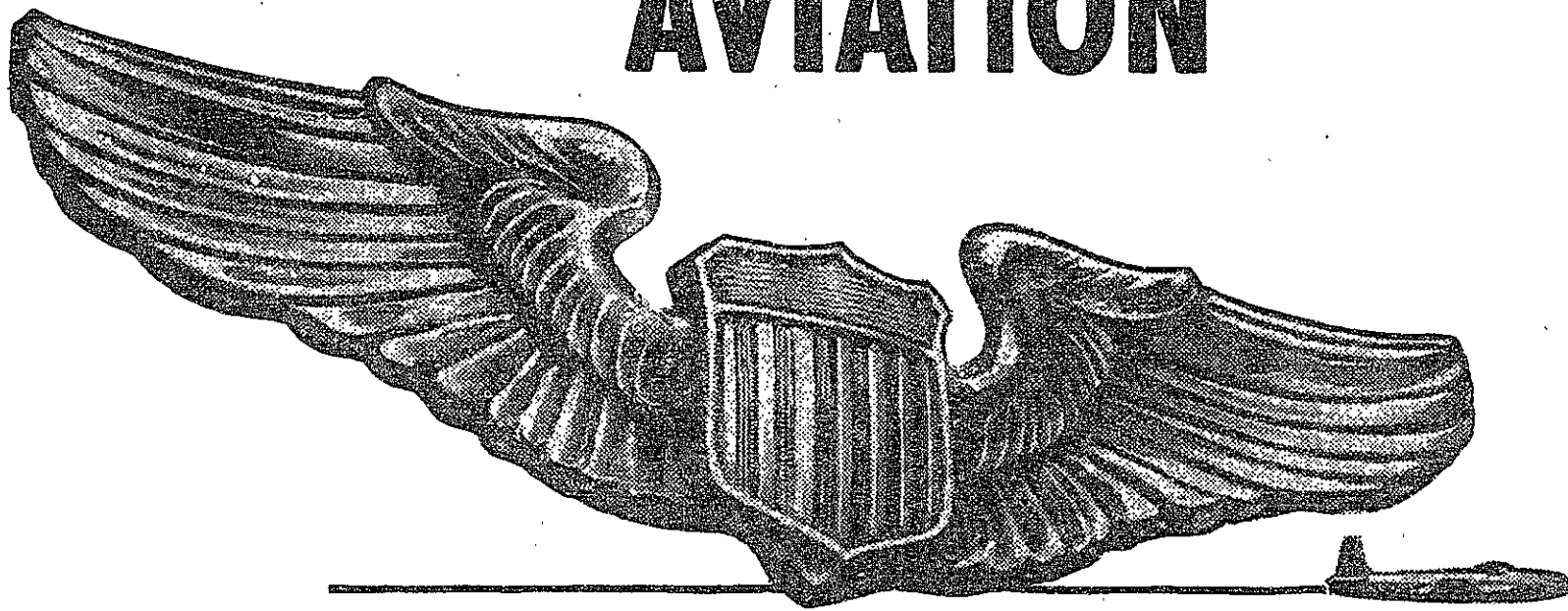
gives your hair that "just-combed" look...all day long!

NEW FORMULA WITH VIRATOL* works wonders in the looks of your hair. It looks natural... it feels natural... and it stays in place! Try a bottle.

*This special compound gives lustre... keeps hair in place without stiffness.

new Vaseline cream hair tonic

Win a POSTGRADUATE COURSE IN AVIATION



PLUS AN IMPORTANT \$4000-A-YEAR ASSIGNMENT

INTERVIEWING TEAM COMING SOON!

Few opportunities open to college upperclassmen can match this one! Here's a chance to get both flying and executive experience with the world's leader in Aviation — the U. S. Air Force.

If you can qualify, you join a select group of college men for 52 weeks Aviation Cadet-Pilot Training—with pay.

When you complete the course, you get your wings and a commission in the Air Force Reserve . . . up to \$336 a month pay . . . a vitally important 3-year assignment as pilot with a crack Air Force squadron.

A special interviewing team will be on campus to tell you more about it and to give preliminary qualifying examinations. Stop in after class and talk it over with the pilots themselves.

If you wish, you may sign up now and finish your schooling before starting your training.

HERE ARE THE REQUIREMENTS:

You must be a male citizen, between 20 and 26½ years old, physically sound, and have at least two years of college (or be able to pass the equivalent examination administered by the interviewing team). Both single and married men may now apply.

HERE'S WHERE TO GO FOR DETAILS:

PLACE M.I.T. PLACEMENT BUREAU, RM. 7-101

DATE FEBRUARY 13-16, 1949

TIME 9:00-5:00

Win your wings with the U. S. AIR FORCE

Pucksters Swamp Devens, 12-5, Lose To B.U. In Thriller, 7-6

In its last two games before vacation, the Tech hockey team split two encounters, trouncing Devens 12-5 on January 18 and dropping a close 7-6 decision to B.U. on the following evening.

In the Devens game the Engineer third line came out from under wraps to outshine the other two lines. Although he spent only twelve minutes on the ice, Don Lea scored two goals and two assists to increase his scoring totals. Charley Nolan and Gerry Walworth also scored two goals apiece in this contest, while single tallies were scored by Arey, Fuller, Bradley, Burrell, Chisholm and Hamilton.

Connor Outstanding

The BU game was really a heart-breaker for the Beaver six to lose. With Scott Connor playing an outstanding game in the nets and Jim Fuller doing his usual workmanlike job on defense, the Engineers played a highly-favored Terrier six on even terms throughout the game.

A goal by Lea on a pass from Grady put Tech in front in the first minute of play. After BU had scored twice within 30 seconds to go ahead, Bradley tied the score at 14:50 of the first period on a pass from Russell. Both goalies made several good saves during the first period.

Terriers Capitalize

Play was fairly even during the second period, but the Terriers capitalized one more of their oppor-

tunities and scored three times to take a 5-3 lead. Tech's only goal of the period was gained by Walworth on a solo dash.

As the final period opened Bob Bell scored for BU to give the Terriers a seemingly insurmountable 6-3 lead. However, the Engineers came back and amazed the crowd by tying up the game with three goals in less than three minutes. Captain Ted Madden scored at 9:40, Lea got his second goal at 11:08, and Madden came back to score the tying goal at 12:00.

The remainder of the game was very exciting, with both teams threatening often and both goalies making miraculous saves. However, with two minutes to play Bill Kirrane of the Terriers sneaked the puck past Connor, and in the remaining moments the Beavers were unable to score again.

Madden Hurt

Ted Madden is suffering from an infection due to bruises received in the two games, and will probably be lost for the remainder of the season. His loss will be a great handicap to the team in its efforts to gain a spot in the league playoffs.

AA ANNOUNCEMENTS

Assistant baseball managers are needed. Anyone interested may apply at the AA office.

A lacrosse rally will be held on Tuesday, February 15, at 5:00 p.m. in Litchfield Lounge, Walker Memorial.

All letter winners in soccer and cross-country may pick up their letters in the AA office.

Weight lifting equipment is available for the use of the student body, and may be obtained at Building 22, Walker Gym, or Rockwell Cage.

Here's your CHANCE

- Find out all about the Aviation Cadets.
- Take your preliminary qualifying exams.
- Sign up now. Join up when you finish your schooling.

Get all the facts from the USAF Interviewing Team.

You don't have to be on the DEAN'S LIST!

Anyone can come to the gay, young Five & Drum Room, the place where students all up the line gather for good food, fun and relaxation. You'll like Jimmy McHale's orchestra and the Five & Drum's delightful chanteuse — Sherry Lyndon! Never a minimum or a cover charge.

Five and Drum Room

HOTEL VENDOME

Commonwealth Ave. at Dartmouth St.



VALENTINES DAY

Monday, February 14

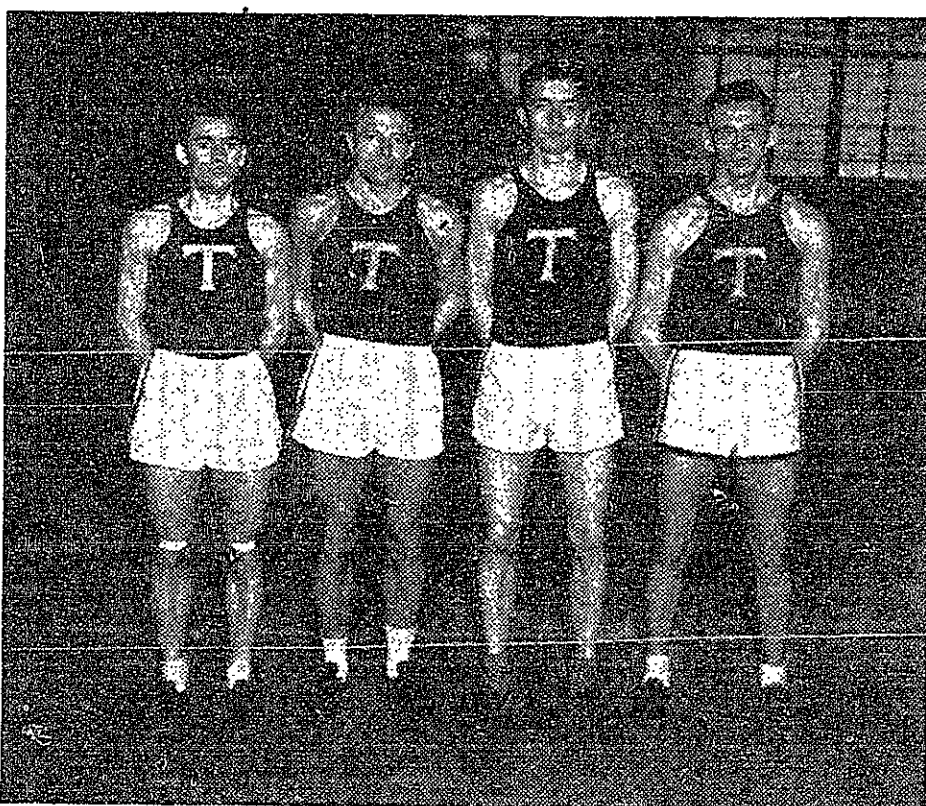
We have an attractive selection of Valentine Cards, boxed Candy and other Gift items for this Occasion.

Technology Store

Patronage Refund to Members

Mile Relay Team Breaks Record, Wins By 12 Yds. In K. of C. Race

RECORD-BREAKING RELAYERS



Shown above are: Al Dell Isola, Ed Olney, Randy Cleworth, and Doug Vitagliano, who recently set a new Tech record for the one mile relay.

Tech's one-mile relay team cracked the Institute record for its event three times this winter, bringing it down to 3:22.6, an outstanding mark by the Cardinal and Gray runners.

The indoor season opened with the Knights of Columbus Games at the Boston Garden, January 22, when the relay team raced Tufts, R. I. State, and Miami U. The Beavers won by twelve yards in 3:24.5, knocking 2.3 seconds off the record of 3:26.8 set last year at the B.A.A. Games.

Race Manhattan, LaSalle

On January 29 the team traveled to New York to compete in the Millrose Games against Manhattan College and LaSalle of Philadelphia. This was one of the special races, Tech's speed in Boston being matched against the second fastest time of the week before (3:23.4).

Tech finished second in this race, setting a new mark of 3:22.6. (Al Dell Isola 52.2, Ed Olney 50.7, Randy Cleworth 49.8, and Doug Vitagliano 49.9). Manhattan won in 3:21.9, only seven yards ahead of the Engineers.

Team Revamped

Last Saturday, the team moved backed to the Boston Garden to race Penn State, Villanova College, and R. I. State. Coach Hedlund was forced to revamp the team due to Cleworth's graduation and Olney's sprained leg.

Bill Raich and Jerry Lewi were called on to fill the hole and did a yeoman job as the team hung up a 3:25.4 mark. This was good enough for a third, with Villanova winning in 3:24.0, and Rhode Island placing second.

2-Milers Finish Third

The two-mile team took thirds at the K. of C. and the B.A.A. Games against large fields. In the former, the Engineers placed third to Yale and Brown, but defeated Providence, Boston College, Holy Cross, Northeastern, Tufts, and Boston U. Lewi, Bud Simpson, Paul Lobo, and Hank Henze made up the Beaver team which finished eighteen yards back of winning Yale.

Gordon Hunt took Lewi's place Saturday at the B.A.A. Games as the Techmen raced Syracuse, Harvard, Connecticut, R. I. State, and Brown. Syracuse racked up a terrific time of 7:54.3 to win, and Brown again finished second, with the Engineers third.

Swimming

(Continued from Page 4)

150-yard individual medley in 1:50.2 to break the record for that event. The 150-yard medley relay team accounted for the other record with a time of 1:24.5. The men on the relay team were Plummer, Pines, and Baker.

Basketball

(Continued from Page 4)

Lambda Phi, 36-27, with Faulder and Pitts gaining 13 points each to pace the scoring.

Sigma Alpha Epsilon was the winner in its game with Navy, notching a handy 35-23 decision. Kreuger of SAE was high scorer for the evening with 17 points while Faulders scored 10 for Navy. Theta Chi also emerged victorious in its battle with Navy, winning by a 36-29 score. Smith of Theta Chi was top for the night with 10 points.

FENCING SCORE

At Bowdoin, Me.
M.I.T. 21, Bowdoin 8

Varsity Wrestlers Bow To Amherst; Frosh Top Harvard

Amherst's wrestlers topped the visiting Tech grapplers, 19-8 in a match held on January 15. No pins were registered and the match therefore lacked excitement.

Amherst took an early lead by copping all of the light weight matches on decisions. Sam Raymond and Dave Findlay were both beaten by extremely close decisions.

In what proved to be the best match of the afternoon, Tom Callahan garnered Tech's first points by battling to a draw with Chapin of Amherst. Following this match, in the 155 pound class, Will Haggerty won the first bout for MIT as he defeated Dewey on time advantage.

Dick Lemmerman then lost a 6-0 decision to Amherst Co-Captain Keith and injuries forced MIT to forfeit the 175 pound match. Lars Soderberg concluded Tech's scoring by decisioning Cleminshay, 4-0.

The unbeaten freshmen grapplers visited Harvard for an informal match which they won, 20-16, as a result of four pins by Larry Foley, Larry Mayer, Chuck Bading and Gene Rapperport.

OPPORTUNITY NOW

FOR THREE STUDENTS
FURNISHED THREE ROOM SUITE
PRIVATE BATH & SHOWER
\$7 a Week for Each Student
Tel. KI 7-9687

THESES, REVIEWS, Etc., TYPED

Prompt Service
Dictation also Taken

Low Rates

Call Mr. Cottene
Winchester 6-1739-J

Like sailing, swimming, fishing?

Ideal year around ocean side home, 21 miles (35 min.) from Tech; Cohasset.
Price \$15,750 — only \$3,000 cash required.

E. D. VAN TASSEL, JR. 1911
Beverly 434

Frosh Hoopsters Lose To Nichols

Overcome Early Deficit But Bow In Final Minute

In one of the most exciting finishes ever witnessed at Walker Gym, the freshman basketballers bowed to Nichols Junior College on January 14 by the slender margin of 59-57.

After playing erratic ball for three periods, the Tech five found itself nine points behind as the final quarter opened. At this point the Beavers awoke and rapidly closed the gap. Hank Hohorst scored the basket which tied the score at 50-50, and a foul shot by Larry Garthe put Tech in front for the first time since the opening minutes of play.

For the next five exciting minutes the score see-sawed back and forth as the crowd gnawed at its collective fingernails. Then, with less than a minute to go, Patterson of Nichols sank a layup and a foul to give the visitors a 59-55 lead, and the Beaver cause seemed hopeless.

Nacey Steals Ball

Tech hopes were revived as Mike Nacey stole the ball out of the hands of a Nichols player and put it through the hoop to make the score 59-57. Nichols took the ball out and attempted to freeze it for the remaining 30 seconds.

Fighting desperately to gain possession as the seconds ticked by, the Beavers finally got hold of the ball as the clock showed exactly one second to play. Jules Kassig, doing some fast thinking, called time out, thus giving the Engineers a chance to collect their wits.

With the crowd in an uproar, Kassig passed to Nacey, who took a last desperate shot while standing at mid-court. The ball arched toward the basket, but hit the backboard and bounced away as the final buzzer sounded.

The game was actually lost on the freethrow line, as the Beavers outscored the visitors from the floor, 25 field goals to 22. However, Nichols hit on 15 foul shots, while the Beavers could sink only seven, missing 13 out of 15 tries in the first half.

NEW AND USED

COLLEGE BOOKS

OUR USED BOOKS SAVE YOU MONEY
OUR EXTRA SERVICE PAYS YOU DIVIDENDS

The Phillips Book Store

1285 MASS. AVE., HARVARD SQUARE, CAMBRIDGE
• FOUNDED 1914. BOOKS BOUGHT AT ALL TIMES •

Parking

(Continued from Page 1)
all the areas to the west of Massachusetts Avenue. Students or faculty members living in the Graduate house or in Bexley Hall will be expected to use these areas. Parking permits and keys will be required from students using these areas for overnight parking.

Allotted to Faculty

Parking facilities will be allotted to faculty members by departments, and each department will get a certain percentage of the parking lot, based on total staff of the departments. If the areas are not filled, the percentages will be automatically increased at the end of a certain period. Students who live off campus, such as fraternity members will be expected to use these areas to the west of Massachusetts Avenue.

PLACEMENT INFORMATION

In the Friday issues we will print a list of companies who will conduct interviews at the Institute. The Tuesday issues will list the companies to whom you should write if you are interested. Come to Room 7-101 for addresses and appointments. The following is a list of the companies you may sign for:

- Syracuse University, Syracuse, N. Y., February 14; Public Administration.
- First Air Force, Fort Slogum, N. Y., February 14, 15, 16; All Engineering Students.
- Judson Mills, Greenville, S. C., February 14, 15, 16; II, XV.
- Bell Aircraft Corp., Buffalo, New York, February 24, 25; VI, XVIII, VIII, XVI.

- International Business Machines Corp., New York, New York, February 24, 25; II, VI.
- National Aniline, New York, New York, February 28; II, X.
- Carbide and Carbon Chemicals Corp., South Charleston, W. Va., February 28, March 1; X, II, V.
- New England Electric System, Boston, Mass., February 16; I, II, VI, XV.
- General Electric, Schenectady, N. Y., February 16, 17, 18; II, VI, XVI, XV.
- Gleason Works, Rochester, N. Y., February 17; II, XV, III.
- Marathon Corp., Menasha, Wis., February 17; X, V, XV.

- Army Security Agency, Washington, D. C., February 18; VI.
- Raytheon Manufacturing Co., Waltham, Mass., February 23; VI, VIII.
- Du Pont, Wilmington, Del., February 23, 24, 25; II, III, X, V.
- Standard Oil Development Co., Linden, N. J., February 28, March 1; II, X.
- Chance Vought Aircraft, Stratford, Conn., February 28, March 1; II, XVI.
- Hercules Powder Co., Inc., Wilmington, Del., March 1; V, X.
- American Smelting & Refining, Salt Lake City, Utah, March 2, 3; III.

- Bell System, March 2, 3, 4; VI, IX.
- Procter & Gamble, Cincinnati, Ohio, March 3, 4; VI, II, X, V, XV, IX, I.

Lounger


(Continued from Page 2)
tion, we have decided that a more appropriate title for the story would be, "The New Bust Line." Reading further, we note that clothing manufacturers are now putting "falsies," in bridal nightgowns . . . what utter frustration awaits the unsuspecting.

MCG

Kirkland 6650
UNIVERSITY STATIONERY CO.
Office and School Supplies
311 Massachusetts Ave., Cambridge, Mass.

Featuring New Raleigh and Schwinn Bicycles
Also used bikes at low price
BOSTON CYCLE CO.
57 Dover St., Boston

The First Church of Christ, Scientist
Falmouth, Norway and St. Paul Sta. Boston, Massachusetts
Sunday Services 10:45 a.m. and 7:30 p.m.; Sunday School 10:45 a.m.; Wednesday evening meetings at 7:30, which include testimonies of Christian Science healing.



Reading Rooms—Free to the Public, 8 Milk St.; 237 Huntington Ave.; 94 Boylston Street, Little Bldg., Street Floor. Authorized and approved literature on Christian Science may be read or obtained.

The Smith House
500 Memorial Drive
Famous Foods For Fifty Years

Hear Chesterfield's Perry Como

RADIO... RECORDS... MOVIES



He's Terrific!

Perry Como

RCA VICTOR

SUPPER CLUB FAVORITES

WHEN YOU HEAR SWEET SWEET PRISONER OF LOVE

BECAUSE

TILL THE END OF TIME

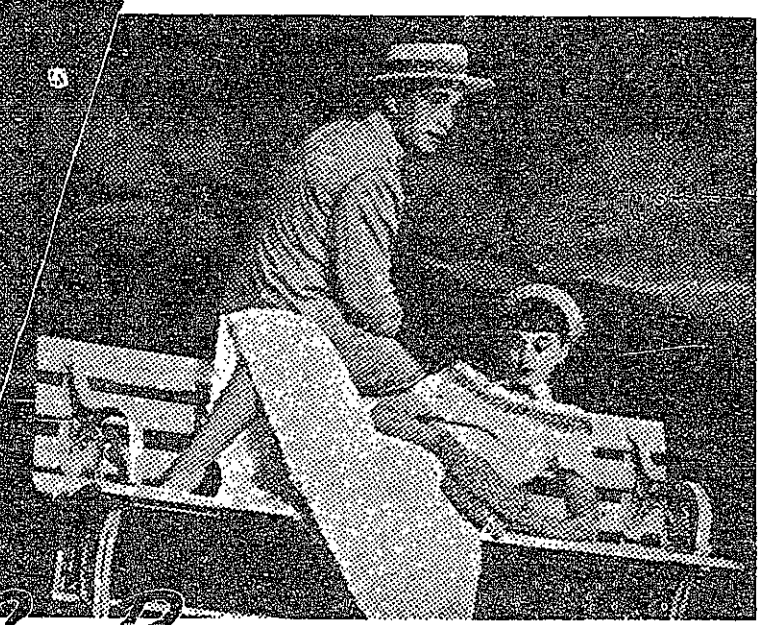
TEMPTATION

SONG OF SONGS

Buy RCA VICTOR "SUPPER CLUB FAVORITES" at your local Record Dealer

... ON THE CHESTERFIELD SUPPER CLUB

Radio's outstanding nighttime show. Starring Perry and his partners Jo Stafford and Peggy Lee. Featuring the Fontane Sisters, the Starlighters, and the orchestras of Mitchell Ayres, Dave Barbour and Paul Weston. Tune in—all NBC stations, five nights a week, coast to coast. It's Great Entertainment!



See Perry in MGM's latest technicolor musical, "WORDS AND MUSIC," at your local theatre

A B C CHESTERFIELD

... THE BEST CIGARETTE FOR YOU TO SMOKE ...

Copyright 1949, Liggett & Myers Tobacco Co.