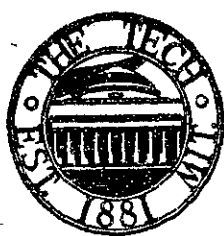


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Vol. LXVIII, No. 47

CAMBRIDGE, MASS., FRIDAY, DECEMBER 3, 1948

PRICE FIVE CENTS

TECHSAPOPPIN OPENS TONIGHT

Institute IFC Gains Coveted Council Award

Tall Statue Presented For Most Constructive Interfraternity Project

In its 40th annual session held November 26-27, the National Interfraternity Council gave its Undergraduate Council Award to the Institutes I.F.C. The award is given every year by the group on the basis of the undergraduate unit which has developed the most constructive program in interfraternity activities.

Receiving the award for the M.I.T. group were the two Technology delegates to the convention, Andrews M. Lang '49, and Jack Jacoby, '50. The winning program included such projects as the awarding of scholarship plaques to chapters with high scholastic records; the establishment of a central office, the publication of a monthly newspaper, a song contest, the planning of a building project to provide houses for chapters, and the reorganization of programs dealing with social policies, expansion and rushing.

The award itself consists of a four and one half foot statue. Plans have not yet been made for the disposition of trophy, but it will probably be put on display in the Institute soon.

The conference also discussed policy matters of member fraternities in general. Resolutions were passed that a committee be assigned to study "the changing conditions concerning fraternity membership."

TECHSAPOPPIN SCHEDULE

FRIDAY EVENING, DECEMBER 3	
7:45 p.m.	Basketball—M.I.T. vs Boston University—Mass. Ave. Armory. Freshman game starts at 6:30
9:00 p.m.-2:00 a.m.	Dance in Walker Memorial
SATURDAY AFTERNOON, DECEMBER 4	
1:00-3:00	Indoor Track Meet—Interclass—Briggs Field and Rockwell Cage
1:30-4:30	Rifle Match—M.I.T. vs Harvard—M.I.T. Rifle Range
2:00-5:00	Wrestling Match—M.I.T. vs Tufts—Mass. Ave. Armory
3:00-3:45	Fencing Demonstration—M.I.T. Fencing Team—Walker Mens Gym
3:00-4:00	Squash Match—M.I.T. vs McGill—Squash Courts
3:45-5:00	Swimming Meet Finals—Interclass—Alumni Pool—Trials Start at 2:00
SATURDAY NIGHT	
7:30-9:45	Hockey Game—M.I.T. vs Harvard—Boston Arena
10:00-12:00	Skit Night and Beauty Contest—Rockwell Cage

Dining Service Analysis Begins: Smith House Offers Competition

By SANDER RUBIN

Recently the Dormitory Committee sent a letter to the Walker Memorial Dining Service heads congratulating them on a steak dinner served at a basic price of seventy-five cents. If there ever was a case of damning with faint praise, this was it. Probably no aspect of student life is subject to as much criticism, dissatisfaction, and misinformation as the Dining Service.

The principal complaints are two: "The food costs too much," and "The food tastes lousy." Many students feel that Walker Dining Service makes an inordinate profit, which it does not, or that it buys cheap grades of food, which it also does not. Nevertheless, there is much to be said for these com-

plaints. There is no doubt that it is possible to buy good meals in the vicinity of the Institute at cheaper prices than those one would have to pay at Walker.

Consider, for instance, the following menu submitted by a Technology student who has been co-operating in preparing these articles. The meals were served at the Smith House, by no means a cheap or fly-by-night eating establishment, on Tuesday, Nov. 16.

For \$.80, a la carte: chicken croquettes, potatoes, peas, carrots, tomato and lettuce, rolls and butter, ice cream, milk or tea or coffee.

With this article, The Tech inaugurates a series on the operation of the Walker Memorial Dining Service, prompted by the great interest of the student body in this subject.

The facts are as accurate as it was possible to determine them; if any question about them arises, we will be glad to cite sources. Any opinions expressed, unless otherwise indicated, are those of the author.

Specific questions about the Dining Service or other eating places will be answered if it is possible. Address queries to: Dining Service Editor, The Tech, Room 307, Walker Memorial.

S. R.

Both of these meals were tastily prepared and served at prices that compared more than favorably with those at Walker.

Yet, it is quite unfair to maintain, on the basis of the figures cited, that Walker is operating inefficiently as compared to the Smith House. The Smith House also serves a considerable number of expensive meals which are more profitable than the cheap ones while

(Continued on Page 3)

Residents In Building 22 Sponsor Barracks Cleanup

A group of interested barracks residents headed by Ralph Romano '51, and Gerry Burns '51, are attempting to make the dilapidated building more liveable. In cooperation with Institute officials, they have provided paint and brushes free for residents to re-do their rooms.

In addition, the group is surveying over-all conditions in an attempt to alleviate crowded Frosh rooms. A contest with prizes will be held for the best looking room on December 18.

Dances, Sports Pack Second Annual Fete

At 7:15 tonight M.I.T.'s gala "Techs-a-poppin" weekend will be under way with the basketball game between B.U. and Technology at the Armory. A crowded schedule has been planned by the T.P. committee for the rest of the night and the next day.

After the basketball game, in which the Institute's hoopsters will be trying to avenge a two point loss suffered last year at the hands of B.U., the Techs-a-poppin dance will take place at Walker memorial.

Dancing, featuring the music of Brad Kent, will be conducted on both of Walker's floors to take care of the expected crowd. The dance, which lasts until 2:00 a.m., will also include entertainment in the form of ballet-acrobatic dancer Pann Merryman, as well as an exhibition of Latin Rhythms with Mr. George A. Lopez, '60, and Miss M. Walsh.

BANDLEADER



Brad Kent will furnish the music for Tech's-a-poppin' dance Friday night.

Killian Addresses Soph Convocation, Urges Class Gift

Tau Beta Pi Awards "Straight 5.00" Sophs Hail Field Day Captains

Members of the Class of '51 assembled in 10-250 last Tuesday at 5:00 p.m. for a class meeting highlighted by an address by President-Elect James R. Killian, '26.

Dr. Killian, in his first official address to the class, presented a message of greeting to the Sophomores. He went on to discuss the goals of the twenty million dollar endowment drive now under way. He mentioned the part that class gifts have played in improving the Institute, and suggested that members of the class begin to think about action concerning a gift from the Class of '51. Although class gifts are traditionally presented twenty-five years after graduation, he urged that the class begin plans now.

Field Day Awards

Presentation of awards to the captains of the Sophomore Field Day teams began the program. Men honored were William H. Hazlett, Jr., crew; Edward S. Olney, track; Lenwood K. Schwartzman,

(Continued on Page 3)

Let A Classy Lassy Shake The Chassis

Ten series of five dancing lessons will be given by the University Dance Society of Boston in the 5:15 Club room beginning Wednesday, December 8. Partners will be Boston University girls who are also learning to dance.

The Dorm Dance Committee has arranged to have two series of lessons; one from 7:00 to 8:00 p.m. at which instruction in the waltz and fox-trot will be given, and the other from 8:00 to 9:00 p.m. for teaching the rumba, samba, and tango.

A sign-up list for the lessons, at \$3.50 per series, will be put up at 5:00 p.m. today in the Burton Room.

Six Sports Events

Saturday afternoon will feature six sports events from 1:00 to 5:00 p.m. An interclass track meet will start the ball rolling at Rockwell cage, and at 2:00 the Tufts wrestling match will begin. Coach Joe Lewis, an Olympic champion, will lead a fencing demonstration at 3:00, and a squash match pitting Technology against Magill will begin at the same time.

Swimming at 3:45 will feature an interclass meet including 50, 100 and 200 yd. freestyle, 100 yd. backstroke, 150 yd. medley relay, 200 yd. freestyle relay, 100 yard breast stroke and diving. At four a rifle match against Harvard will end the afternoon's activities.

Hockey Game at 7:30

7:30 will see the beginning of the hockey game with Harvard. Paced by leading scorer Don Lea, the Institute's sextet will be on the ice until 10:00 when the climax to the weekend, the "Hexapoppin" show will take place.

Sergeant Samuel Gorden will be master of ceremonies in presenting skits and stunts by various living groups, which will compete for the Hexapoppin prize, a gold trophy. Judging the performances on the

(Continued on Page 6)

Music Clubs Give Christmas Concert

Concert, Dance Complete Program December 11

The first M.I.T. Christmas Festival will be presented by the Technology Musical Clubs, combined with the Glee Club of the Connecticut College for Women, on Saturday, December 11. A concert, consisting of excerpts from Bach's Christmas Oratorio and several Yule-time carols, will be given on Saturday afternoon at the Cambridge Latin High School auditorium.

Mr. Arthur W. Quimby will direct the Glee Club of the Connecticut College for Women and Professor Klaus Liepmann will lead the M.I.T. Glee Club.

A dance at Rindge Technical High School will complete the Christmas Festival. The Tech-tonians are scheduled to play for the dance.

Tickets for the Festival, now on sale in the lobby of Building 10, are priced as follows: reserved seats, 90c.; unreserved seats, 70c.; admittance to the dance, 30c.; all including tax.

Several fraternity and dormitory groups from the Miami Triad and the Dorm Dance on Friday night, December 10, are making a week-end of enjoyment by forming theater-parties to the Christmas Festival on Saturday.

Experiments Promise Better Lighting, Improved Auditory Control In Classes

Future students at the Institute will probably attend classes in the best possible visual and auditory environment. This is the goal of a joint committee on acoustics and lighting which is coordinating the work of separate divisions of the Architecture Department in order to attain a more efficient solution to the problem.

A year and a half ago the Institute set up a committee on lighting to study techniques in using available sources of illumination to the best advantage. It has since developed the three experimental installations at the Institute.

Fluorescent Tubes

The major problem confronting lighting experts is the elimination of exposed light sources and consequent decrease in spots of varying brightness throughout the room in question. The committee's first move in this direction was the placing of an ordinary fluorescent tube in a cylinder composed of clear plastic on top and opaque plastic on the bottom. With the transmitting area thus increased the contrast between fixture and ceiling was reduced considerably.

Installations of this type have been installed in Dr. Killian's office and in the office of the Superintendent of Buildings and Power. The committee plans to equip an entire drafting room in like manner.

Luminous Ceiling

Outdoor conditions wherein light comes from an infinite source is the ideal form of illumination. The luminous ceiling best approximates such a situation but is too expensive in most instances. Such a fix-

ture was installed in Room 2-143 about a month ago and has aroused favorable comment from eye specialists and officials of other institutions. The completed job cost less than the egg-crate type in use at the UN buildings at Lake Success. Furthermore undesirable reflections resulting from the long rows of tubes of the latter type were eliminated.

The expensive feature of the luminous ceiling is the layer of plastic which transmits illumination from individual light sources in a grid framework. Experiments are now under way to find a less costly material. Plastic impregnated paper has been tried but requires a different type of grid.

A third development is a variation on the luminous ceiling, consisting of a similarly constructed unit about one-third the size of the ceiling and suspended from it. Room 7-106 is equipped in this manner. The unit has been found to be efficient and its use results in very little difference in brightness throughout the room.

Chalk Boards

An interesting sidelight to the problem of lighting is the question of chalk boards. All chalk boards at the Institute are made of glass colored black in order to show up chalk. Lighter colors are much more satisfactory but require a different type of crayon, a type as yet undeveloped. The writing instrument must be clean, easily erased, and economical.

These unsolved problems give you some idea of work going on at present to improve the student's environment.

The Tech

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THE DECAY OF PRITCHETT

Pritchett Lounge was an excellent idea when it was conceived. It was well carried out and it supplied a definite need in the student body for a lounge bar with dancing. Since its initiation last year the Pritchett Lounge has fallen down somewhat in its plans.

The juke box provides music at any time but the recently installed television set provides entertainment of dubious value at odd periods. Adding to the confusion the crowds of students hovering around this technological development jam the room so that it is difficult if not impossible to find room to sit down. These men are for the most part non-supporting members of the Pritchett clique as they sip water watching the cavorting of Sabu in the latest jungle thriller. Perhaps the added attraction of the television is superfluous here and might better be placed in another lounge.

Letters to the Editor

Dear Sir:

I am about to embark on dangerous ground, that of minding other people's business . . . although a comment in the Oct. 26 Tech did precipitate this letter, the comment was on the widespread circulation of The Tech at other schools; I have been reading it since the beginning of this term, with mixed reactions. Although my interest is quite different from the young ladies in question I am none the less quite interested in The Institute out of intellectual reasons.

First of all I must clarify my position, I am a freshman photo-tech student and like other technical students am interested in my subject and work to the possible exclusion of other activities (this sometimes may include eating). I read with much interest the editorial in the Oct. 1st issue on the students "who plan to spend their lives holed up in a (darkroom) laboratory and only ask to be left alone" it quite surprised me that there were other types of students at Tech. Although my plans are not altogether along these lines I wouldn't mind doing this if someone would foot the bill, and providing that my work would be of my own choice. Along other lines my opinion agrees with Mr. Edmond's . . . any attempt to instill school spirit on a Technical school (any tech school) is suicidal (it not on the part of the instiller than on the school).

Me, frustrated? . . . hold it please while I take another picture of you before I answer that.

Me, an automaton? well maybe . . . an Automatic Rolliflex possibility.

And besides, if I could do any math I'd be right up there now studying Chemistry.

On your editorial of the 22nd of Oct. on Liberal Education, my opinion is that all you have to do to a Tech student (again I mean any Tech student) to throw him a copy of Whitehead and Russell, and of Odgen and Richards and that this will be sufficient to give him the background in culture he needs

and wants . . . as far as I see it the only culture that a technical student needs is a good agar-agar culture (that is if he happens to be studenting bio., if not give him a culture he can convert into cheap gin in the chem lab.).

Please don't kid the H boys too much, they can fight back and be careful what they do to your (un) scientific logic . . . I've had the experience several times . . . it makes you want to throw away your U. S. Rubber Handbook and find a copy of James or Schiller.

Also please don't kick about "ye olde draft law" . . . RIT students are not deferred at all, although the entire school was used as an Army sailing school during the last late and unlemated war, and it is said that any graduate of the Photo-Tech dept. is still eligible for a rating of Staff Sarge. Personally I'm going to try to get into the button pusher dept. and I will play with the toys you characters design.

I also noticed in your paper an essay contest on "What the Republican Party Can Do to MIT," may I suggest that the contest be postponed for four years and that the sponsor of this contest merely refer to The Tech for the years of 1930-31 and read carefully (if to between the lines).

Last of all I would like to comment on the "carring's on" in Bldg. 22. Apparently the Dean asked only for the return of the fire hose only to protect government records and in doing this gave his unofficial approval to said riot . . . well go to it boys and burn the G.D. building down.

I hope you will excuse my minding your own business and for my candid (camera) comments.

Yours truly,

John Kraus

Dept. of Photographic Technology
 Rochester Institute of Technology

P.S. Please excuse my spelling as I was taught it by a fellow named Chauser and he insists it is correct.

J. K.



In a recent issue of The Tech (Nov. 23) Dean Burchard of the Humanities Department is quoted as saying that the new Faculty club would provide for "necessary cross-fertilization" in the Institute's community.

Does the faculty propose to go about breeding its successors from among its own stock? This is probably to be done on the principle by which one cross-fertilizes a Chem man with an ME and produces chemical engineers.

The latest issue of Voo Doo is on and off the stands and aside from the tripe that they pass off for literature, we found an item that deserves comment. Some character named John Harrington seems to be very busy turning out Voo Doo. His name appears in the masthead under the aegis of not one department but of seven!

He works with the Features, Advertising, Treasury, Jokes, Sales, Makeup and (picturesquely) the Carpenters' departments.

If we were to put the blame for Voo Doo on any one pair of shoulders, they would be his.

Professor Hamilton of the Dorm Board is our choice for The New Yorker's clouded crystal ball department.

Some time ago, if our memory serves aright, he ventured the opinion that the new Senior House would be ready for occupation by last October. When that fell through, he said that it would surely be finished by this February.

The latest word we hear is that some of the visitors at the April convocation may get to stay there.

We wish to call to the attention of Voo Doo (and John Harrington) that their little poem about the superiority of other soaps over Lux just because the other soaps don't smell up the Institute, is just a bit wrong.

Two of the soaps they mention, Lifebuoy and Swan, are also Lever Brothers soaps. As such, they, too, are apt to be manufactured in the vicinity.

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Dard Hunter's Unique Museum Displays Papermaking Methods

Tech is fortunate in having the only museum of paper and papermaking in the world, the Dard Hunter Paper Museum, and yet most of the student body knows little or nothing about it.

The museum is the result of 36 years of travel and collecting by the founder, Mr. Dard Hunter. He has traveled all over the world in search of material for the books which he has written. He has visited such places as the South Sea Islands, China, Manchuria, Japan, Siam, India, Burma, Tibet, parts of Africa, Europe, Central America, and many other places where paper might have been made.

Exhibits in the Museum

All the material collected is now in the museum on the third floor of Building 7. There are the complete equipment of an English handmade paper mill, formerly in Woolly Hole, Somerset; a papermaking vat from China; a vat agitator, and bamboo mold from Japan; samples of handmade paper from early China up to the present time; historic books on papermaking; and many other exhibits of interest.

Mr. Hunter first became interested in papermaking in 1912, while working as a designer of printing. He became intrigued with old papermaking, early watermarking, and typefounding. A determination to make books by himself from the paper and ink to the actual printing developed while learning to make molds in a shop in Stoke Newington, North London, England.

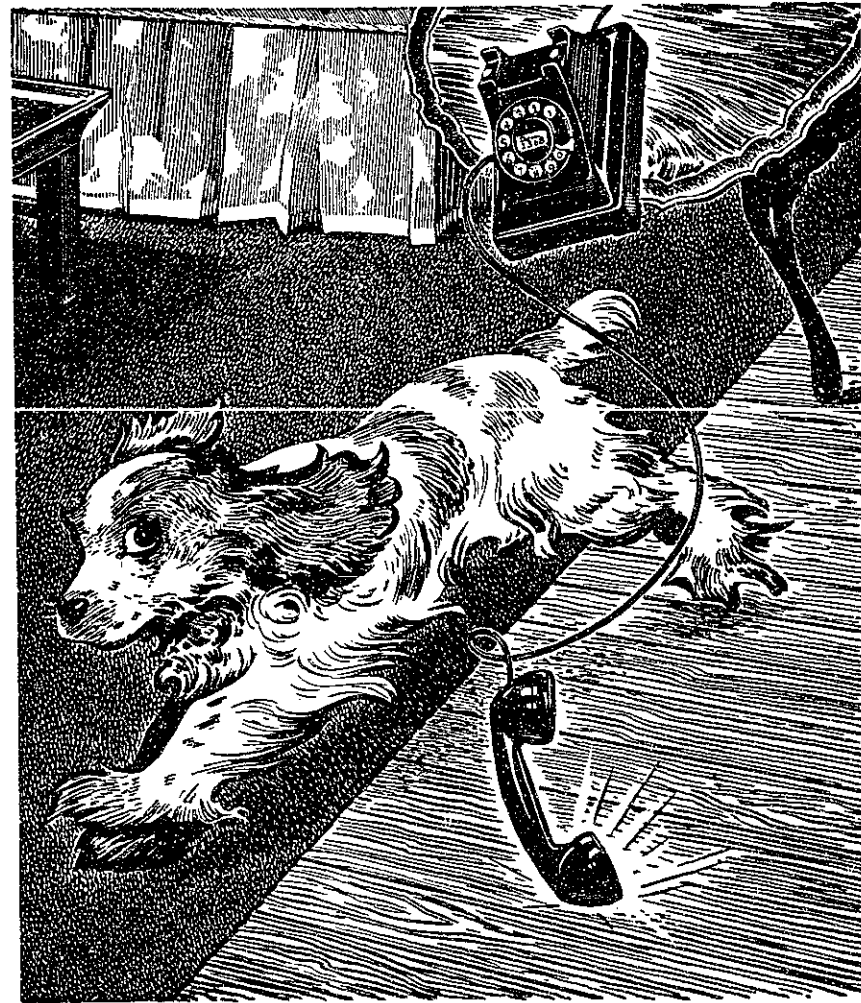
Books Are Handmade

The making of a book by himself became possible when, in 1913, Mr. Hunter built a hand paper mill in Marlborough, New York. He also made a small type foundry and acquired a press. In 1915 and 1917 two small books were issued on the subject of etching.

Most of the books which he has written have been completely published by himself. He made the paper, ink, and type, and did the printing of such books as Papermaking in Southern Siam and Old Papermaking in China and Japan. He has also written Papermaking through Eighteen Centuries and Papermaking. In his handmade books he has inserted samples of paper, many of which are centuries old. Naturally these editions are very limited.

The exhibits in the museum will be of interest to all, for the development of man's mechanical tools are well illustrated by the advancement in papermaking equipment.

The final date for requisitioning books and supplies from the "Coop" under the G.I. bill (Form 1950A or P.L. 16) is Friday, December 17th. All veterans are urged to anticipate their needs, particularly those writing a thesis, for the balance of the Fall Term and obtain requisition blanks in room 4-132, before Friday, December 17th.



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PLACEMENT INFORMATION

Several February graduates have not been in for interviews. Why don't you come to Room 7-101 and sign for appointments to see some of the following companies.

- Cleveland Electric Illuminating Co., Cleveland, Ohio, Dec. 6; VI, II
- Carbide & Carbon Chemicals, South Charleston, W. Va., Dec. 6; X, II, V.
- The Firestone Tire & Rubber Co., Akron, Ohio, Dec. 6 and 7; II, XV, IX, VI, X, V, I.
- Ballistic Institute, Aberdeen Proving Ground, Md., Dec. 6; VIII, XVIII, VI, II, V, III.
- De Laval Steam Turbine Co., Trenton, New Jersey, Dec. 7; XV-A, II.
- Procter & Gamble Company, Cincinnati, Ohio, Dec. 8, 9, 10; V, X, XV, II, IX (few VI).
- Naval Ordnance Labs., Silver Spring, Maryland, Dec. 8, 9; VIII, XVIII, III.
- The Goodyear Tire & Rubber, Akron, Ohio, Dec. 8, 9; II, X, XV, VI.
- Calco Chemical Division, Bound Brook, New Jersey; Dec. 8, 9; X, V.
- Hazeltine Electronics Corp., Little Neck, L. I., N. Y., Dec. 9; VI.
- Babcock & Wilcox Company, New York, New York, Dec. 10; Engineering physics, Fuel Eng. Ceramic, II, XV, X, III, VI, I.
- The Babcock & Wilcox Tube Company, New York, N. Y., Dec. 10; II, III, X, VI.
- The American Laundry Machinery Co., New York, N. Y.; Dec. 10; II, VI, X, XV.
- Sears Roebuck Company, Boston, Mass., Dec. 13; XV, XIV.

Advanced ROTC Society Initiates New Members

Scabbard and Blade, ROTC honorary society, has announced the initiation and election of the following new members: Donald Brown, Byron Burch, Denham Corwin, Al Dell Isola, Gerald Ferguson, Oswald Honkalehto, Jordan Loftus, Carl Lomison, Harry Madden, David Matheny, Eldred Peck, Stewart Scott, Frank Smith and Herb Sontag.

The society under the direction of John Brady, is planning for its Military Ball, to be held on March 4th.

Soph Meet

(Continued from Page 1)

swimming; Gerald E. Monsalvatge, tennis; Donald B. Brown, Jr., tug-of-war; Marc J. Pearlman and William H. Shenkle, football captains.

Tau Beta Pi, honorary engineering society, gave recognition to four members of the Sophomore class for outstanding scholastic achievement in the freshman year. Professor Walter C. Voss, faculty advisor to the society, presented awards to James L. Berkhart, George B. Field, Robert W. Sittler, and Murray D. Sirkis. All four had maintained a straight 5.00 cumulative rating throughout the freshman year.

Insurance Plan Investigated

Officers of the class have been investigating the possibility of a class gift in the form of a group insurance plan, with members taking policies with the Institute as beneficiary for the first twenty-five years. Discussion of this type of gift was made by an insurance company representative after Dr. Killian's talk.

Frats Promenade At Miami Triad

Bid Formal Features Brad Kent's Orchestra

The biggest formal bid dance of the year, The Miami Triad Party, has been scheduled for December 10. The participating fraternities Beta Theta Pi, Phi Delta Theta, and Sigma Chi have made reservations for the Louls XIV Room at the Hotel Somerset. Orchestration will be provided by Brad Kent from 8:30 p.m. until 1:00 a.m.

The occasion represents the second Triad dance since the war, and the 10th dance since its conception. Fraternity spirit and loyalty are emphasized at the dance and the theme is accentuated by each house singing its fraternity songs at intermission.

Walker

(Continued from Page 1)

Walker does not. The Smith House has a less severe peak-loading problem than Walker which enables them to make better use of their equipment. People dining at the Smith House are willing to wait longer than those at Walker before being served, a factor which allows more attention to be paid to the individual meal, with corresponding improvements in palatability.

The situation outlined above is typical of those found throughout this investigation. There were a number of points at which Walker could not match the prices or quality or service of a particular eating establishment, but in general this was so in spite of all reasonable efforts of the Dining Service management rather than because of any negligence on their part.

Next in this series—Some misconceptions.

CALENDAR OF EVENTS

FRIDAY, DECEMBER 3

- Mechanical Engineering Department. Seminar: "An Investigation of Air Flow in Two-Stroke Engines." Tau Yi Toong. Room 3-470, 4:00 p.m. Coffee will be served at Headquarters from 3:30 to 4:00 p.m.
- Tech's-A-Poppin'. Basketball game with Boston University, Massachusetts Avenue Armory, 7:45 p.m.; dance, Walker Memorial, 9:30 p.m. to 2:00 a.m.
- Economics and Social Science Department. Graduate Economics Seminar: "International Economic Comparisons." Dr. Paul A. Samuelson. Moore Room, 8:00 p.m.

SATURDAY, DECEMBER 4

- Rifle Team. Freshman match with Harvard, 10:00 a.m.; Varsity match, 1:30 p.m. M.I.T. rifle range.
- Tech's-A-Poppin'. Interclass indoor track meet, Briggs Field and Rockwell Cage, 1:00-3:00; rifle match with Harvard, Rifle Range, 1:30-4:30; wrestling match with Tufts, Armory, 2:00-5:00; Fencing Team demonstration, Walker Memorial Gymnasium, 3:00-3:45; squash match with McGill, Squash Courts, 3:00-4:00; interclass swimming meet finals, Alumni Pool, 3:45-5:00; Ice Hockey Game with Harvard, Boston Arena, 7:30-9:45; skits by M.I.T. living groups, Rockwell Cage, 10:00-12:00 p.m.

MONDAY, DECEMBER 6

- Civil and Sanitary Engineering Department. Sanitary Engineering Seminar: "Nutritional Aspects of Industrial Waste Treatment." Leon Weinberger. Room 1-236, 1:00 p.m.
- Mathematical Society. "Logicism, Intuitionism and Formalism in Mathematics," a discussion between Professor George D. DeSantillana and Walter Pitts. Room 4-270, 4:00 p.m.
- Meteorology Department. Seminar: "A Projected Study of Solar-Weather Relationships at the Harvard College Observatory" Dr. Richard A. Craig, Harvard Observatory. Room 12-182, 4:00 p.m.
- Technology Christian Association. Second in the fall series of marriage lectures by Professor F. Alexander Magoun. Room 10-250, 4:00 and 5:00 p.m.
- Mathematics Department. Lecture Series: "Topological Properties of Locally Compact Groups." Professor Deane Montgomery, Institute for advanced Study. Room 2-240, 4:30 p.m. Tea will be served in Room 2-251 at 4:00 p.m.
- Radio Society. Amateur radio code classes. Room 10-267, 5:00 p.m.
- Scabbard and Blade. Informal meeting. Room 24-109, 5:00 p.m.
- Mechanical Engineering Department. Dinner meeting. Professors Irving H. Cowdrey, Charles F. Taylor, and Rogers B. Finch will present short talks on the history of the department. Campus Room, Graduate House, 6:05 p.m.
- Technology Dames. "Trip to Europe—Student Style." Mrs. Lachlan F. Blair. Emma Rogers Room, 8:00 p.m.

TUESDAY, DECEMBER 7

- Acoustics Laboratory. Seminar: "Enskog's Solution of Boltzmann's Equation." Henry Harrison. Room 20E-125, 4:00 p.m.
- Mathematics Department. Lecture Series: "Topological Properties of Locally Compact Groups." Professor Deane Montgomery. Room 2-240, 4:30 p.m. Tea will be served in Room 2-251 at 4:00 p.m.
- Radio Society. Amateur radio theory classes. Room 10-267, 5:00 p.m.
- Model Railroad Club. Membership meeting. Room 20E-216, 5:05 p.m.
- Faculty Bowling League. Walker Memorial Alleys, 6:00 p.m.
- Women's Association. Ellen H. Richards Memorial Meeting. "Objectives of the Albert Farwell Bemis Foundation." Professor Burnham Kelly. Supper, Emma Rogers Room, 6:15 p.m.
- Geology Department. Harvard-M.I.T. Geological Conference: "Granitization and Structural Behavior of Igneous Rocks." Dr. Hans Cloos of Bonn, Germany. Geological Lecture Room, Harvard University, 8:00 p.m.

WEDNESDAY, DECEMBER 8

- Civil and Sanitary Engineering Department. Seminar: "The Interpretation of Stress Computations." Professor Hardy Cross, Chairman, Department of Civil Engineering, Yale University. Room 1-190, 4:00 p.m.
- Electrical Engineering Department. Staff Colloquium: "Some Engineering Considerations Relative to the Control of Nuclear Reactors." William M. Pease. Room 10-275, 4:00 p.m.
- Metallurgy Department. Colloquium: "Separation of Gases During the Solidification of Metals." Dr. A. J. Phillips, American Smelting and Refining Company. Room 2-390, 4:00 p.m.
- Geology Department. Harvard-M.I.T. Geological Conference: "The Decken Problem in the Variscian Orogen." Dr. Hans Cloos. Room 12-182, 4:40 p.m.
- Outing Club. Fourth of series of ski lectures. "Snow Conditions and Waxing." Moving pictures. Everyone welcome. Room 10-250, 5:00 p.m.
- Tau Beta Pi. Initiation, Moore Room, 5:00 p.m.; banquet, Campus Room, 6:30 p.m. Guest speaker at the banquet will be Dean W. C. White, Northeastern University.
- Pershing Rifles. Meet in uniform in front of Room 1-087, 5:05 p.m.

THURSDAY, DECEMBER 9

- Physics Department. Colloquium: "Some Problems of the Meson Theory." Dr. H. Yukawa, Kyoto Imperial University, Japan. Room 6-120, 4:30 p.m.
- Hillel Foundation. "Survey of Jewish History." Rabbi Maurice Zigmund. Tyler Lounge, Walker Memorial, 5:05 p.m.
- Faculty Bowling League. Walker Memorial Alleys, 6:00 p.m.

FRIDAY, DECEMBER 10

- Mechanical Engineering Department. Seminar: "Stress Analysis by Means of Brittle Coatings." William F. Stokey. Room 3-470, 4:00 p.m. Coffee will be served at Headquarters from 3:30 to 4:00 p.m.

SATURDAY, DECEMBER 11

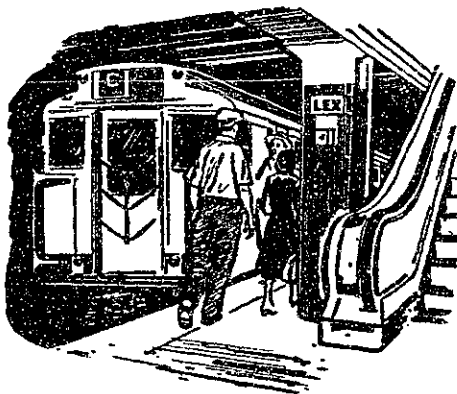
- Staff Players of M.I.T. Open house at the home of Mrs. Richard H. Bolt, 34 Temple Street, Arlington, 8:00 p.m.

EXHIBITIONS

- The Acoustics Laboratory exhibit will be on display in Lobby of Building 7 through December 14.
- Photographs by Egon C. J. Egone will be shown in the Photographic Service Corridor of Building 11 through December 12.

The Calendar of Events is published weekly on Friday and contains announcements for the following week. It is sent without charge to all members of the staff and the heads of various organizations. It will be mailed to others for one dollar a year, payable in advance at the Calendar of Events Office. All announcements, typewritten and signed, must be in the Office of the Editor, Room 7-104, not later than noon on Monday prior to publication date. Material for the Calendar, December 10-18, is due December 6.

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Fuller Sparks Puckmen As Engineers Split Two

Tech Topples Devens But B.C. Takes Win

The Engineer hockey squad traded one victory for one defeat the early part of this week, behind the one-man scoring threat of sophomore Jim Fuller. The first game was an overtime victory against Fort Devens by the score of 7-6. B.C. took the Beavers over the coals in the Wednesday night game to the tune of 12-5.

In the Devens game the Techmen came from behind to overtake a fighting opponent in the second period, only to lose the lead and go into overtime before Fuller's solo goal put the game away. Excellent play by Fort Devens' Falco and Devlin as well as goalie Frydryk made the going difficult.

Spark Defense

Excellent play by Fuller, Lea, Nolan, Russell and the Madden-Hodges combination sparked the defense, while Fuller and Lea (the short time he played) with Jacobanis headed the half-hearted offense. The Tech play was sloppy and slow during the first period, but came along nicely during the rest of the game. Jim Fuller put in four of the scores, while Jacobanis, Lea and Chisholm accounted for the other three.

The game with B.C. was a far different story. Through the entire first period the Eagles made the Engineers look very bad, and the Techmen themselves seemed to accept a bad defeat as inevitable.

At this point Fuller again came through, with the help of Don Lea, to score two tallies. Scott Connor was doing a good job on the goal, holding off single-handed many more threats than should have come his way. Once again the Engineers came out fighting in the second and third periods, and Jacobanis put two in the net after one by Gerry Walworth to bring the Tech total to five.

Team Looks Good

Good defensive and offensive work was done by the whole team, led by Captain Ted Madden, John Bradley, Don Lea, Jim Fuller, and others. The Eagle squad played far over the Engineers' heads on offense and puck handling for most of the game, but Tech came back looking very good in the last period.

Harvard will be the opponents Saturday night for T.P. at the Arena. For all other games in the Arena tickets are available in the TCA office for sixty cents, while admission is \$1.20.

	1	2	3	OT	TOTAL
M.I.T.	1	3	2	1	7
FORT DEVENS	3	0	3	0	6

	1	2	3	TOTAL
M.I.T.	2	0	3	5
B.C.	5	4	3	12

ATTENTION STAFF MEMBERS

Staff members interested in providing automobile transportation for Institute athletic teams traveling to matches away from home are requested to apply at the Athletic Association office. Expenses will be paid for the trips including five cents per mile for the transportation.

Further information as to expenses paid, insurance coverage, length and dates of trips is available at the A.A. office, Room 3-107.

HOCKEY TICKETS

Tickets are on sale at the TCA office for all M.I.T. hockey games played at the Boston Arena. They cost 60c. instead of 85c. and \$1.20 at the gate. Tickets will be available for the following games:

December 7, 9:00 p.m.—Northeastern
December 15, 7:00 p.m.—B.U.
January 12, 7:00 p.m.—Northeastern
January 18, 7:00 p.m.—Fort Devens
January 19, 7:00 p.m.—B.U.
February 23, 4:00 p.m.—Harvard

A ticket may be used for any game if the purchaser cannot attend the game for which he bought it.

ACTION ON THE BOARDS



A tense scene from last Monday's hockey game, showing John Bradley of Tech checking an unidentified Fort Devens player against the boards. Tech won the game in overtime, 7-6.

Dinghy Sailors Compete Successfully With Some Of Country's Top Opposition

Technology dinghy sailors, as you must know if you read about sports at all, are the Institute team that would have to be voted "most successful" if any poll were ever taken.

Taking on opposition that ranks with the best in the nation, the sailors of the Nautical Association have shown that they were equal to or better than them all.

During the past season the sailing team has won seven first places in thirteen regattas and has never finished worse than third. In addition, Ralph Evans was a close second in the Olympic dinghy competition. His performance was the best ever shown by any American in this event in Olympic history.

Funds Are Low, But All Is Calm

Recently The Tech learned that the Association was on the verge of bankruptcy and possessed only \$60 in its treasury.

At the boathouse, contrary to expectations, there were no hysterics or gloomy contemplation of suicide. Mr. Jack Wood, 17, Sailing Master, showed admirable indifference for economists who insist on having a surplus during prosperity. "We get money into the treasury

so that we may spend it. It's all right if we spend it all."

More Cash, Come Spring

Each April there is an influx of membership dues to bolster the treasury. Four-fifths of the money pays for maintenance and salaries. Trophies, travelling expenses, teaching materials and similar items are provided by the other fifth.

The largest expense in the latter category was the six hundred dollars needed to send Ralph Evans to the Olympics. Mr. Wood considers the money well used. Evans proved to the uninformed that at least some Techmen can handle devices

(Continued from Page 5)

7 Crosscountrymen Receive "T" Awards

Are 1st To Be Honored Under New AA System

Seven cross-country veterans became the first to be awarded the Varsity and Junior varsity "T." Tech's new athletic letters under the award system adopted by the Athletic Association last spring.

Henry L. Henze, '49, Samuel S. Holland, '50, Gordon C. Hunt, '50, and Edward S. Olney '51, all satisfied the requirements for the varsity "T." Paul A. Lobo, '50, Vinson R. Simpson, Jr., '50, and Carol E. Belton '50 were awarded the Junior Varsity "T."

The new system of awards has just gone into effect this fall, and replaces the old "straight T" system.

TX Munroe Amass High Scores As Intramural Court Play Begins

With only a few weeks of the intramural season under way, the battle for top honors in the five league divisions is already hotly contested.

League 1 is the scene of the closest race thus far with Theta Chi and Munroe Dorm deadlocked in a first place tie. Both teams remain unbeaten and have showed strong scoring power in the games already played. The outstandingly high scores of 69-23 for Theta Chi over Delta Upsilon, and 58-15 for Munroe over Westgate, indicate that the meeting of the two teams in a couple of weeks should prove interesting if perhaps not decisive in determining the league winner.

Dekes Lead League 2

League 2 has unbeaten Delta Kappa Epsilon on top with two victories while every other team has been beaten at least once. However, at this early stage of the game, no team can be considered as out of the contest.

In League 3 Sigma Alpha Epsilon is riding high with two victories to their credit while Barracks A team is also unbeaten in their only game. The games have proved to be close scoring ones with a strong offense stressed by most teams rather than a strong defense.

League 4 Is Deadlocked

A tie for the top post exists in League 4 with Pi Lambda Phi and the Student House both remaining on the unbeaten list. Other teams in the league should not be taken too lightly, however, since the scores indicate that some teams have been having off days, and should they find themselves, it could prove to be more than a two-team race.

In league 5 Sigma Chi gained possession of the league leadership with an important win over Phi Sigma Kappa, reportedly a strong threat. Sigma Chi is unbeaten but the high scoring Agenda team is also undefeated. Lambda Chi Alpha, winning and losing a game

by one point, and Wood can also provide close competition.

Record Decides Winner

The final intramural championship is based on playoffs between the league winners. The individual league games are not elimination affairs; rather, each team will play a definite schedule with the team having the best record declared winner for that league. With this considered the league winners may not be determined till the final scheduled game.

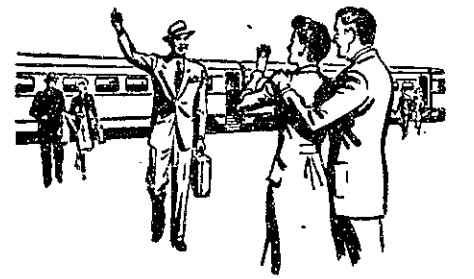
The scores and league leader for the period ending November 28 are:

- LEAGUE I—Theta Chi-Munroe (tie)
 Theta Chi 69—Delta Upsilon 23
 Munroe 58—Westgate 15
 Hayden 20—Phi Kappa 19
 Theta Chi 1—Lenox Club 0
 Munroe 34—Hayden 27
- LEAGUE II—Delta Kappa Epsilon
 Graduate House 46—Senior House 7
 Sigma Alpha Mu 1—Navy 0
 Delta Kappa Epsilon 32
 Phi Gamma Delta 21
 Phi Delta Theta 15—Alpha Club 9
 Phi Gamma Delta 1—Senior House 0
 Delta Kappa Epsilon 34
 Graduate House A 13
 Alpha Club 26—Sigma Alpha Mu 25
 Navy 30—Phi Delta Theta 22
- (Continued from Page 5)



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TECHSAPOPPIN SPORTS PROGRAM

TRACK MEET—1:00 p.m.— Briggs Field		SWIMMING—2:00 p.m.— Alumni Pool	
1. 45-yard high hurdles	2. 50-yard dash	1. 50-yard freestyle	2. 100-yard breaststroke
3. High jump—in Rockwell Cage	4. Pole vault—in Rockwell Cage	3. 200-yard freestyle	4. 100-yard backstroke
5. Trial heats of 6-man mile relay (one team from each class)	6. 3/4 mile team race (four men from each class, scored as in cross-country)	5. Diving	6. 100 yard freestyle
7. Final of mile relay		7. 150-yard medley relay	8. 200-yard freestyle relay
WRESTLING—AGAINST TUFTS—2:00 p.m.—Armory MIT Wrestlers			
Weight	Varsity Wrestler	Frosh Wrestler	
121 lbs.	Sam Raymond or Don Harnsberger	Larry Foley	
128 lbs.	John Christian or Jack Martin	Bob Gaudin	
136 lbs.	Dave Findlay or Ned Handy	Bob Oliver	
145 lbs.	Tom Callahan	John Hansen	
155 lbs.	Will Faggerty or Howie Larson	Hugh Robertson	
165 lbs.	Dick Lemmerman	Steve Crosby or Bob King	
175 lbs.	Bill Bruce or Hank Ferguson	Chuck Bading	
Unlimited	Lars Soderberg	Gene Rapperport	
FENCING EXHIBITION—3:00 p.m.—Walker Gym			
1. Grand Salute: Frank Kellogg, Toni Mirti, Mario Abbatte, and Dick Moroney			
2. Foil Demonstration: Frank Kellogg and Mario Abbatte			
3. Foil Bout: Frank Kellogg and Mario Abbatte			
4. Dagger vs. Sword: Toni Mirti and Al Zesinger			
5. Cavalry on Wheels: Dick Moroney and Fred Rayfield			
6. Shades of Hamlet: Tito Luzuriaga and Fred Rayfield			
7. Duel: Charles Kurz and Mario Abbatte; Seconds: Dick Lowry and Pete Ney; Sword Bearer: Jim Turner			
8. Sabre Demonstration: Ed Schickli and Pete Ney			
9. Sabre Bout: Ed Schickli and Pete Ney			
10. Wellesley Gals: Bob Peterson and Dick Lowry			

Hoopsters Score Decisive Win In First Game Of Season, 60-36

Frosh Courtmen Triumph, 62-19

Trounce New Bedford In '48 Season Opener

Tech's steamrolling frosh basketball quintet encountered almost no opposition as it flattened a New Bedford Textile team, 62-19, Wednesday night in the Walker Memorial gym.

Sparked by the smooth floorwork of guards Herb Glantz and Mike Nacey and the precision shooting of Larry Garthe, Hank Horost and Dick Jankowski, the frosh quintet ran up a 31-9 margin by halftime and then scored almost at will to coast to an easy victory. Coach Warren Berg substituted freely in order to save his first five for the game with Boston University tonight.

	G	F	T
Garthe	5	3	13
Jankowski	5	0	10
Porter	1	0	2
Mattson	0	2	0
Lee	0	0	0
Recht	1	1	2
Horost	4	1	0
Straun	0	5	9
Nacey	5	3	13
Glantz	1	0	2
Ivener			
	24	14	62

NEW BEDFORD TEXTILE

	G	F	T
Alves	1	3	5
Fogarty	0	0	0
Wilson	3	1	7
Hackett	1	1	3
Bauman	1	1	3
Mullen	0	0	0
Rebitaille	0	1	1
Sylvia	0	0	0
Mello	0	0	0
	6	7	19

Squashmen Meet McGill University

Strong Opponent Opens Tech Season Tomorrow

Playing a perennially strong McGill University team, Tech's squash team opens its 1948-49 season at 3:00 p.m. tomorrow on the Alumni Pool courts.

Captain Bill Stoney will represent the Institute in the number one match of this Techsappopin event. Other Cardinal and Grey players in the seven-man match will be: Hank Eckardt, Morley Drucker, Bill Lelievre, Howard Chapman, Fernando Irigoyen and Gordon Rampy.

Last year McGill, led by a strong Pete Landry, defeated the Engineers, 6-1. Since then the Beavers have lost five of their first seven players through graduation, while the Montreal school has lost Landry and some others.

Free Throws Successful

One very important result of the game was the fact that the Engineers made good on 10 foul shots out of 15 tries. This is especially encouraging because of the trouble that the team had last year on making good from the free throw line.

During the first few minutes of the first half, the Engineers were unable to solve New Bedford's defense and were forced to rely on long shots for their scoring. As the game progressed, however, they began to get inside the New Bedford defense and to take passes under the basket.

Good Defense

The MIT defense seemed to work well throughout the game, especially down near their own basket, New Bedford doing practically all their scoring on long shots from near midcourt and a few on intercepted passes on the Tech end of the floor.

Captain Jim Madden, Lou Morton and Ed Corrie all played every good floor game for the Engineers, getting many rebounds from the backboard and stopping many Bedford threats by intercepting passes.

Varsity Squash Schedule

OPPONENT—DATE—PLACE

McGill, December 4—Home
Wesleyan, December 11, Away
Harvard, December 13—Here
Williams, December 17—Here
Amherst, January 15—Away
Naval Academy, February 11—Away
Princeton, February 12—Away
Dartmouth, February 19—Away
Harvard, February 21—Away
Yale, February 25—Here
Trinity, February 28—Away
Intercollegiate, March 4-7—Princeton

Unbeaten Riflemen To Meet Harvard

Tech's undefeated rifle squad will attempt to lengthen its victory streak to five games Techsappopin week-end. The squad, which has outshot four foes this season, will be host to Harvard at the Technology range 1:00 p.m. Saturday afternoon.

This meet will be the first to count in the New England League competition. The scores of the previous matches are: Tech 1383, Cornell 1363; Tech 1383, University of New Hampshire 1323; Tech 1392, Brown 1380; and Tech 1392, Columbia 1375.

The junior team will also meet with Harvard, shooting its match at 10:00 a.m., Saturday morning. From all evidence thus far, it appears as though this year's freshmen team has enough talent to equal last season's freshmen feat of taking the Freshman National Championships.

Sam Holland Elected Captain Of Harriers

Samuel S. Holland, Jr., '50, was elected captain of the MIT cross country team at the annual banquet, held in the Campus Room of the Graduate House on Tuesday, November 30.

"Holland was second best on the cross country team this year," said track coach Oscar Hedlund in an interview early this week. "He was a high-jumper as a freshman and started cross country when he was a sophomore. Sam runs the half-mile in the spring meets and during the winter is on the varsity two-mile relay team."

Holland, a Course VIII man, succeeds Oscar Noss as cross country team captain.

	G	F	T
Rorschach	1	0	2
Inman	2	0	4
Campbell	0	0	0
Madden	5	3	13
Kyros	0	0	0
Hong	1	0	2
Butzov	0	0	0
Morton	3	5	11
Hitchins	0	0	0
Honkalehto	7	9	14
Corrie	4	2	10
MacMillan	2	0	4
	25	10	60

Nautical Association

(Continued from Page 4)

more complicated and interesting than a slide-rule.

Sailing at the Institute presupposes no experience and is open to anyone. Even if you can't tie any knot but a bow you can, for five dollars, become a reasonably proficient sailor. Those who can't seem

to learn to dismantle a dinghy will be helped by colored films that Mr. Wood is making for instructional purposes.

Jack of All Trades

Much of the popularity of the Nautical Association is due to the efforts of Mr. Wood. Jack Wood, who is quite an old salt in faded dungarees, turtle-neck sweater, and pipe, has been Sailing Master ever since sailing was introduced at Tech thirteen years ago. Wood serves as coach, manager, treasurer, repairman and in his quiet, unintentional way an extremely efficient public relations man.

In his undergraduate days Wood solved the problem of crossing Charles River on cold, windy mornings. He sailed across in his dinghy. It was illegal, of course, but "... the cops didn't mind and even guarded my boat while I was in class..."

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Intermural

(Continued from Page 4)

LEAGUE III—Sigma Alpha Epsilon
Barracks A 20—Walker 8
Phi Mu Delta 23—Theta Delta Chi 18
Sigma Alpha Epsilon 36—Chi Phi 21
Beta Theta Pi 33—5:15 Club 12
Walker 22—Phi Mu Delta 17
Sigma Alpha Epsilon 33—5:15 Club 40
Chi Phi 30—Beta Theta Pi 17

League IV—Pi Lambda Phi
Student House (1st)
Phi Kappa Sigma 28—Graduate House B 5
Student House 28—Bemis 9
Phi Lambda Phi 19—Barracks B 10
Sigma Nu 28—Kappa Sigma 14
Pi Lambda Phi 32—Phi Kappa Sigma 21
Barracks B 42—Graduate House B 13
Student House 13—Sigma Nu 3
Kappa Sigma 45—Bemis 4

LEAGUE V—Sigma Chi
Sigma Chi 36—Delta Tau Delta 13
Barracks C 33—Alpha Tau Omega 16
Phi Sigma Kappa 25—Lambda Chi Alpha 24
Sigma Chi 27—Phi Sigma Kappa 17
Lambda Chi Alpha 20—Delta Tau Delta 28
Agenda 47—Barracks C 19
Wood 19—Alpha Tau Omega 6

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Members Pledged By Eta Kappa Nu

Honorary Fraternity Holds Pledge Smoker

Technology's chapter of Eta Kappa Nu, the National Honorary Electrical Engineering Society, met prospective pledges at a smoker in the 5:15 Club on November 23.

After the smoker, a dinner meeting was held and the Chapter voted to pledge the following members:

Graduates: John P. Comer, Jr.; Dana M. Collier. Terrell Marshall, Jr.; **Seniors:** Raymond E. Nienburg, Leopold J. Rossbach, Kemon P. Taschioglou, Russell N. Cox, William W. Smith, William S. Lewis, Ernest R. Barriere; **Juniors:** Harry F. Raab, Jr., Kenneth A. Benjamin, Herbert D. Limmer, Nathaniel Rossin, Austin F. Marx and Richard L. Mathews

As part of their initiation, the pledges will compile a report on potential thesis subjects which will be made available through the Vail Library about the beginning of next year.

Techsapoppin

(Continued from Page 1)


basis of humor will be Professor William Greene of Technology's English Department. Twelve groups are scheduled to compete.

Dr. Killian and Dean Baker will wind up the evening by picking the most beautiful girl at the T.P. weekend from a group of forty contestants selected at the Friday night dance. A jewel case will go to the "Queen" of Tech's-a-poppin, and the six runner-ups will receive gold compacts.

William W. Smith, '49, is general manager for this year's Techs-a-poppin.

The First Church of Christ, Scientist
Falmouth, Norway and St. Paul Sts. 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.; 84 Boylston Street, Little Bldg., Street Floor. Authorized and approved literature on Christian Science may be read or obtained.



Tau Beta Pi Will Hold Pledge Dinner Wednesday

Tau Beta Pi will hold a banquet in the Campus Room in honor of its new initiates next Wednesday. As guest speaker, the Massachusetts Beta Chapter has invited Dean William Crombie White, Director of the Day College of Northeastern University.

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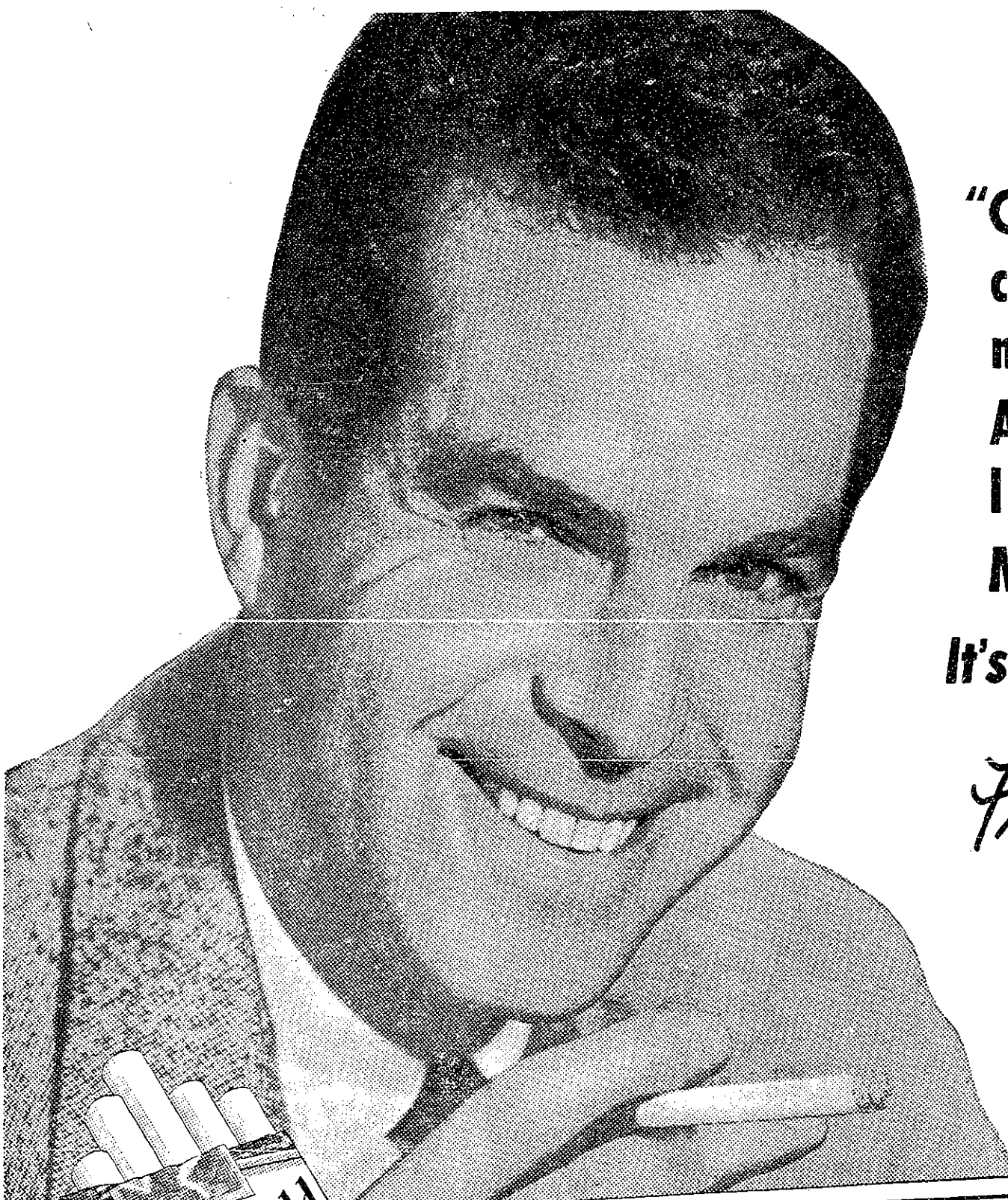
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