



Cosmo Festival Tomorrow In Walker Mem'l.

175 Girls Invited From Local Colleges. Music By Ken Reeve's Orch.

The Cosmopolitan Festival, sponsored by the East and West Association and the International Club, will be held tomorrow in Walker Memorial from 4:00 P.M. till midnight.

The festival will open in Pritchett Hall at 4:00 P.M. with varied entertainment which will include selections of Indian music and dancing by a group of Indian students, Latin-American exhibition dancing and music, Chinese chorus and instrumental music by a group of Technology Chinese students, piano solo selections, and folk dancing by different national groups.

Supper will be served in Pritchett Hall at 6:30 P.M. and will include samples of Indian, Chinese, and Iraqi food. The cost of the supper will be 95c per person. Supper tickets are necessarily limited and should be procured in advance. Displays of foreign national costumes and jewels will be on exhibition in Litchfield and Tyler Lounges from 7:00 P.M. to 8:00 P.M.

Ken Reeves To Play

Dancing to the music of Ken Reeves and his orchestra will be in Morss Hall from 8:00 P.M. till midnight. For this part of the program approximately 175 girls have been invited from Wellesley, Pine Manor, Radcliffe, Emerson, Wheaton, Simmons and Boston University so that there should be no excuse for bashful freshmen to stand around the walls. Intermission will be at 10:00 P.M., at which time refreshments will be served and a Russian Dance group will provide entertainment.

Tickets for this dance are on sale in the Lobby of Building 10 and also in the Dormitories at \$2.20 for couples and \$1.40 for stags. For the convenience of those Tech men who can't purchase a ticket before the Festival, tickets will be on sale at the door.

The Dormitory Board has announced, in conjunction with the Festival, Open House rules will be in effect from 3:00 P.M. to 12:00 midnight.

Acquaintance Dance To Be Held Dec. 7 By Catholic Club

400 Girls Expected From Nearby Schools; Chappie Arnold To Play

The annual Fall Acquaintance Dance sponsored by the Catholic Club will take place Friday, December 7, from 8:00 P.M. to 12:00 P.M. in Walker Memorial. Four hundred tickets have already been sold to girls at nearby colleges, and tickets for male students are now on sale at \$1.00 including tax.

Among the many girl's schools to be represented are Wellesley, Regis, Boston Teachers, Wheelock, Boston University, Radcliffe, Simmons, and Emmanuel. Chappie Arnold and his orchestra will supply the music for the occasion.

At the last regular meeting of the Club final plans for the dance were discussed, and an interesting talk was given by the guest speaker, Father Masterson, chaplain of the U.S.S. North Carolina.

Wheaton Dance To Be On Dec. 1

Fourth Annual Affair Promises 125 Girls

The fourth annual Wheaton Acquaintance Dance will be held this Saturday, December 1, from 8:30 P.M. to 11:30 P.M. in the Student Activity Hall at Wheaton College, Norton, Mass. This affair is being sponsored by the T.C.A. and the Wheaton Y.W.C.A. for the purpose of acquainting the newly entered freshmen class of Wheaton with Technology students. Music will be supplied by recordings.

Transportation will be conducted for all those without cars as follows: Trains will leave South Station at 7:30 P.M., Back Bay at 7:34 P.M., and will arrive at Mansfield a little after eight o'clock. From there buses will transport the men to Norton, seven miles away. At the conclusion of the dance the buses will leave in time to make the 12:09 A.M. train from Mansfield, which will arrive at Back Bay 12:40 A.M. and at South Station 12:45 A.M. The fare for the round trip will be \$1.66, and constitutes the entire evening's expense.

(Continued on Page 2)

Jr. Prom Redemption Drawing Held On Tues.

The drawing for the three free Junior Prom tickets will be held in the Lobby of Building 10 on Tuesday, December 4, at 1:00 P.M. The winners will be announced in next week's *THE TECH* and if not present at the drawing may obtain their tickets from Daniel Greenbaum, 2-47, Munroe 506.

The remaining options will be on sale in Building 10 on Tuesday from 12:00 to 1:00 P.M., just before the lottery. Those who purchased options through the Bursar's office and have not yet received them must pick them up at this time if they wish to have a chance at the Annie Oakleys.

T.C.A. Boy's Work Division Urgently Needs Men In A Multitude Of Manual And Athletic Activities

The need for volunteer assistants and leaders in neighboring Boys Clubs is now more acute than it has ever been. The T.C.A. Work Division has been literally swamped with requests from the Boys' Organizations which are desperately in need of student leaders to conduct various manual and athletic classes.

Since professional help is now unavailable the group must lean heavily on college students who are interested in conducting such classes; and the T.C.A. Boys Work Organization serves as intermediary between the Boys Clubs and interested volunteers.

Right now there is need for leaders in photography, woodworking and crafts, basketball, boxing and wrestling, model airplane building, dancing, singing, scouting and many others. The classes are usually held once a week and therefore require only one of the volunteer's evenings. If any one is interested in such a class, he is urged to come to the T.C.A. office, and all arrangements will be made to suit his convenience. . . . The T.C.A. office is in the basement of Walker Memorial and is open every day from 9:00 A.M. to 5:00 P.M.

Girls Needed Too

The need is not confined to boys; at present two girls from Technology are conducting classes with girls' groups, and many more are needed. Girls can lead in sewing,

Dormitory Christmas Hop To Be December 14; Mal Hallett To Play At Semiformal Affair In Walker

ACTIVITIES PAY OFF!

DIVISION OF INDUSTRIAL COOPERATION
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

November 20, 1945

To the student body:

A top reason for subjecting oneself to the discipline of higher education is that the longtime benefits outweigh any temporary discomfort. A brain equipped with tools so acquired will pay off its owner many-fold during a lifetime through the fun of sound personal accomplishment achieved as a result of understanding and partial control of the natural and human forces which determine the quality of one's existence.

A most important factor noted above, an understanding of humanity, is acquired best through contact with it, and a sound area in which to get experience while at M.I.T. is in undergraduate activities.

One reward, for instance, is that Industry, in hiring, gives preference to men whose experience in activities has made them broader gauged citizens. Such men are better bets to be successful in industrial life.

Because of the academic load at M.I.T., the happiest results are obtained when the individual's energy level is sufficient to cover academic and extra-curricular demands. A congenial activity is best, and the chores, over a period of time, must have enlarged the individual's horizon.

Many of M.I.T.'s outstanding men first showed their value as good workmen by their accomplishment on *The Tech*, *Technique*, Institute Committees, etc. They give generous credit for their success to a fortuitous start due to the happy accident of fate that matched their interests to an activity. Try it out!

(Signed) N. McL. SAGE

Director

Tickets On Sale Today, Tomorrow, And All Next Week

Dance Comm. Expects Sales To Reach 300; Corsages Are Outlawed

The annual Dormitory Christmas Dance will be held Friday, December 14, from 9:00 P.M. to 2:00 A.M. in Morss Hall, Walker Memorial. All of Walker, including the Lounge Bar, will be open for the occasion, and open house will be held in the dormitories. Morss Hall will be extensively decorated for the occasion on the Christmas theme.

Mal Hallett who played for the last Junior Prom, and his orchestra will play for the affair, which will be semi-formal. A no corsage rule has been passed and will be enforced.

Tickets will go on sale today from noon to 2:00 P.M., on Saturday from noon to 1:00 P.M. and Monday through Friday of next week from 11:00 A.M. to 2:00 P.M. in the Lobby of Building 10. The price of tickets will be \$4, tax included, and sales are expected to reach 300 tickets.

Among the chaperones who have been invited, Dr. Avery A. Ashdown, and Prof. and Mrs. Hamilton have accepted to date.

The Dance Committee of the Dormitory Committee, which is in charge of the dance consists of: Robert G. Marcle, 2-48, chairman, Frank H. Durgin, 2-47, Robert P. Abelson, 10-47, Harold Ottobri, 10-47, Marshall Dick, 10-47, Richard C. Davila, 2-48, Caliste J. Alster, 2-48, and Edward I. Newdale, 10-47.

Prof. Alvar Aalto Returns To Staff

Noted Finnish Architect In Europe Since 1940

Alvar Aalto, internationally known Finnish architect, has rejoined Technology faculty of the School of Architecture and Planning for the fall term. Professor Aalto was a member of the staff in the fall of 1940, when he returned to Finland to direct the national reconstruction program.

Since that time he has been active in the reconstruction of destroyed towns and last summer worked on the problems of building shelter in Lapland before the freezing weather set in.

In announcing Professor Aalto's arrival, Dean William W. Wurster of the School of Architecture and Planning said that the distinguished architect would begin teaching immediately. His lectures will be based on the combination of city planning work and the building of houses.

Professor Aalto, who is 47 years old, was graduated from the Helsinki Technical College in 1921. As a leader in the modern movement in architecture, his achievements in design in Finland have attracted the attention of architects throughout the world, and exhibitions of his work have been held in London, Zurich, Milan, and New York. A versatile and brilliant designer, Professor Aalto was the architect for the Turun Sanomat building in Abo, Finland, the tuberculosis sanatorium at Paimio, and the Viipuri library. The library is famous for the use of daylight illumination. Its reading rooms include

(Continued on Page 3)

LEAD WITH YOUR LEFT!



Charles Dobony, 2-46, Associate Director of the Boy's Work Division of the T.C.A., supervises what appears to be a really desperate battle.

The Tech

Vol. LXV Friday, November 30, 1945 No. 36

Managing Board

General Manager: Noel N. Coe, 2-46
 Business Manager: Donald S. Cohen, 10-46
 Managing Editors: Richard Bakal, 2-47
 William C. Dowling, 2-46

Editorial Board

James S. Craig, 2-46
 Russell K. Dostal, 2-46
 William C. Dowling, 2-46
 Herbert J. Hansell, 2-46
 William F. Herberg, 2-46
 Thomas F. Kelley, Jr., 2-46
 William H. Peirce, 2-46
 William J. Rapoport, 2-46
 William H. Semple, 2-46
 Marvin Sparrow, 2-46
 Robert E. Spoerl, 2-46
 Marshall P. Tulin, 2-46
 Louis B. Wadel, 2-46
 Robert G. Wilson, 2-46

Associate Board

Claude W. Broemer, 2-47
 Donald A. Mains, 2-47
 Paul V. Osborn, Jr., 2-47
 Leonard J. Stutman, 2-47

Staff Assistants

Bernard H. Geyer, 10-47
 Louis F. Kreek, Jr., 10-47
 Walter A. Lack, 2-47

Offices of The Tech

News and Editorial—Room 3
 Walker Memorial, Cambridge, Mass.
 Telephone KIRKland 1882
 Business—Room 301, Walker
 Telephone KIRKland 1881

STUDENT SUBSCRIPTION, \$1.50 Per Year
 MAIL SUBSCRIPTION, \$2.00 Per Year

Published every Friday during College Year, except during College Vacation and the third week in October.
 Entered as second class matter December 9, 1944, at the Post Office at Boston, Mass., under the Act of March 3, 1879.

REPRESENTED FOR NATIONAL ADVERTISING BY
 National Advertising Service, Inc.
 College Publishers Representative
 420 MADISON AVE. NEW YORK, N. Y.
 CHICAGO · BOSTON · LOS ANGELES · SAN FRANCISCO

Member
 Associated College Press
 Distributor of
 Collegiate Digest

Night Editor: Louis F. Kreek, Jr., 10-47

UNO CENTER?

As the newspapers, radio stations, etc., make plain, there is going on in London a discussion of where the United Nations Organization Headquarters should be.

Naturally this country wants the headquarters here because of the prestige it would bring and the somehow intangible feeling that we could see nothing was being put over on us. Just as naturally, Boston is putting in her two-bits worth.

Everyone realizes how important atmosphere is to work. The men of the UNO would be engaged in especially serious work, and, obviously, need an especially picked atmosphere. If we may be so bold we would like to suggest a list of contributing factors that would include: climate, and communications. The former is nature's contribution and the latter, man's.

Climate is one of the main reasons why we would discard Boston or New England as a location. It may be all right for spinning mills, but for humans it is too humid in summer and too wet and cold in winter. The west coast is too wet. The inland country is too subject to temperature extremes, so all that is left is somewhere on the east coast where it is neither too hot nor too cold nor too damp. Air-conditioning could be used to improve indoor conditions, but we can never air-condition the great outdoors.

Communications—the other item on our list—can be controlled by man. Therefore, whenever the climate is considered suitable, communications conveniences can be set up. With modern technology, highways, railway tracks, and air strips can be built anywhere; telephone and radio networks can be set up in any locality. The United States, however, excels in the availability of important scientific knowledge and engineering "know-how."

The matter of putting up buildings, and transferring and supplying personnel, is basically a matter of communications.

We feel that climate and communications should be the important factors in deciding where the UNO Headquarters should be located. The decision must be based on logic, and not on the persuasive ability of the various speakers who present the cases of their cities or countries.

DUE RECOGNITION

Last night, at its bi-weekly session, the Institute Committee extended Class A recognition to the Outing Club. Possibly this is the first time that many people have realized what a large and active organization the Outing Club is. The members of this organization have earned their new status through a great deal of effort and initiative. We should like to congratulate them on their attainment of Class A status, due recognition of their efforts.

WALKER AGAIN

At yesterday's meeting, the Institute Committee appointed a committee to investigate the "conditions" at the Walker Memorial Dining Service. This is the latest of a series of attempts to improve the quality of the food served and lower the prices on such. None of the earlier ones accomplished anything worth mentioning. It is hoped that an intelligent "approach" coupled with the culmination of the war will bring about a solution which will be satisfactory to the large number of the Institute family concerned.

Letters to the Editor

November 19, 1945

The Tech
 Walker Memorial
 M.I.T.

Gentlemen:

Please accept my congratulations and thanks on behalf of the Institute for the fine special issue of *The Tech* on November 10. Please believe that I would express this appreciation even if you had not included the very complimentary statement about me on the second page.

Seriously speaking, I think this issue was of great value in acquainting the students and friends of M.I.T. with reference to some of its war activities and some of the interesting technological developments which were made here and elsewhere during the past few years.

Very sincerely yours,
 Karl T. Compton
 President

Institute Committee BRIEFS

The regular Institute Committee meeting was held yesterday at 5:10 P.M. in Litchfield Lounge. The following business was transacted:

Investigating Committee

A special committee was organized to investigate conditions at the Walker Memorial Dining Service and to submit recommendations on its findings. The members appointed are David G. Black, 2-46; Edwin T. Bean, 2-46; David Cist, 10-47; Harvey S. Freeman, 2-46; Herbert J. Hansell, 2-46; Norman N. Holland, 2-47; Howard V. Perlmutter, 2-46; Peter L. Richman, 10-46; and Marshall P. Tulin, 2-46.

Outing Club

The Outing Club was granted provisional Class A recognition after the report of a special committee, headed by Phillip D. Jones, 2-46, was heard and discussed. The O.C. will report in one year on its activities to obtain permanent recognition.

Class Elections

The motion to hold elections for the Senior, Junior and Sophomore classes in March was amended so that only the Senior Class (7H) will do so, and was subsequently carried. Some future arrangement as to elections will be made by the Institute Committee to compensate for the rapidly changing classes and the possibility of the majority of the student body continuing through the summer term. Dean Lodbell has estimated that 60 per cent of the present student body was not here last term. They therefore had no voice in the selection of present officers.

Reorganization of Activities

The Committee approved the motion on the procedure for those students who wish to reorganize activities, currently defunct. The procedure is outlined in the By-Laws of the Institute Committee, Article VIII, Sections 1 and 2.

Each group so reorganizing may obtain \$10.00 for reorganizational purposes upon application to, and approval of the Walker Memorial and Budget Committees.

5.15 Club Election

Harold Jacobson, 2-46, was approved as Member-at-Large of the 5.15 Club Executive Committee.

Absentees

Absent were Russell K. Dostal, 2-46; Robert E. Spoerl, 2-46; William C. Cahill, 2-46, and Willard J. Boston, Jr., 10-47.

Wheaton Dance

(Continued from Page 1)

Edward F. Brylawski, 2-46, vice-president of the T.C.A., and Miss Suzanne Lawes, Secretary of the Wheaton Y.W.C.A., are in charge of the attendance of the representatives from the two schools. Wheaton will have 125 girls present and would like to have 135 Tech men attending.

In The Spotlight

One of the Bay State's sons (though its claim is slightly dubious), whose rise to fame at Technology has recently culminated in his election to the chairmanship of the Walker Memorial Committee, Bill Semple becomes the man in the Spotlight this week.

William H. Semple came into this world in Easton, Pennsylvania, on May 6, 1926. His characteristic ability to get around showed up at an early age, for he moved after six years to Schenectady, Buffalo and Quincy, where some twelve years ago he decided to settle down. He has attended a number of schools, including Quincy High School and Thayer Academy in Braintree, from which he was finally graduated.

There is no record as to why he chose Technology, but in July, 1943, he entered as a freshman and was promptly pledged by Chi Phi fraternity. In March, 1944, he heeded his country's call, set up headquarters in the Graduate House, and has worn blue suits ever since. A strong ambition, which he evidently entertains along with many of his colleagues, is to get out of the Navy.

A rather surprising statement in light of Bill's numerous activities at Technology is that he did not do much in high school except get good grades. Sports he claimed were "much too dangerous."

Bill was apparently an eager but misguided freshman, for he joined the art staff of Voo Doo, but he quickly saw where this was leading



BILL SEMPLE

and he resigned because of moral convictions. He was also a freshman section leader and participated in various other activities, but "nothing fascinating."

In his sophomore year he became a member of the Q-Club, in which, according to his words, "we did nothing, except hold beer parties—but I don't drink beer." T.E.N. was fortunate to have his services as Circulation Manager in "the days when circulation was so low that we didn't talk about it." He made his contribution to the T.C.A., conducting an art class for the Boys' Work division.

Bill was elected vice-president of

(Continued on Page 3)

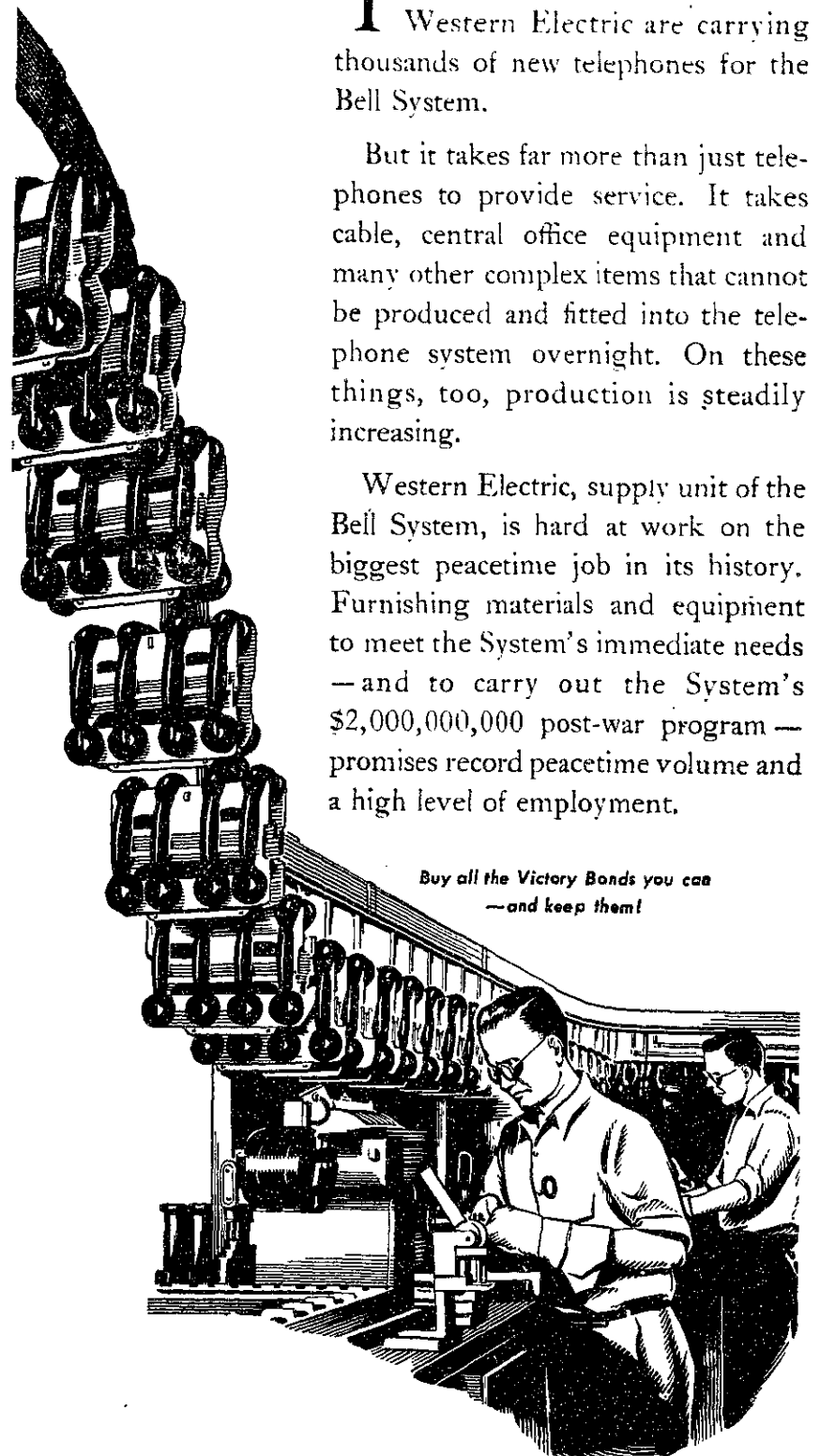
NEW TELEPHONES

Full speed ahead on our biggest peacetime job

TODAY, conveyors like this at Western Electric are carrying thousands of new telephones for the Bell System.

But it takes far more than just telephones to provide service. It takes cable, central office equipment and many other complex items that cannot be produced and fitted into the telephone system overnight. On these things, too, production is steadily increasing.

Western Electric, supply unit of the Bell System, is hard at work on the biggest peacetime job in its history. Furnishing materials and equipment to meet the System's immediate needs—and to carry out the System's \$2,000,000,000 post-war program—promises record peacetime volume and a high level of employment.



Buy all the Victory Bonds you can—and keep them!

Western Electric
 SOURCE OF SUPPLY FOR THE BELL SYSTEM

B.K. Football In Final Round

P.K.S., S.A.E., Hayden, Theta Chi Favored

The Beaver Key football league went into its final round this week, marked so far by several rough contests and one spectacular upset. Walcott dormitory surprised everyone by knocking the Phi Gams, last year's champions, out of the running, edging them by a score of 12-6.

The game was hotly contested all the way, Walcott scoring twice on long runs, after apparently being stalled. Both of these scoring plays were disputed, but the official ruled in favor of Walcott on each occasion. The Fijis were not at full strength for the contest, because of a scheduling mixup, but they were still potent enough to grind out eight first downs to the opposition's one. They missed their chance to win when they were held three times for downs inside Walcott's ten yard line; each time the Walcott punter got off a fine kick to set the Phi Gams back deep in their own territory again.

Elsewhere in the league the favorites played according to form. After sputtering and stalling through a scoreless first half, Phi Kappa Sigma finally hit its stride and poured the power on to Phi Sigma Kappa to the tune of 34-6. Glen Dorflinger spearheaded the attack, throwing two touchdown passes and laterally to Stan Meduski, after intercepting a pass, for a third score. Jack Aitken and Meduski both scored twice, with Ray Brown going over for the fifth marker. The four extra points were all added on rushes.

S. A. E. Powerful

S. A. E. served notice on the rest of the league that it is loaded with talent by suing four teams to down Phi Beta Epsilon, 26-6. Dobony took a long pass from Halberstadt to score on the opening play of the game, and S. A. E. was never headed from there on. Dobony later added another counter on a pass from Browne, while Browne also turned in some fancy runs to keep the pressure on the Phi Betas. Incidentally, the S. A. E.'s introduced the league to the system of using offensive and defensive teams.

In other games played, Sigma Nu downed Phi Delta Theta in a rough battle, Wood dormitory forfeited to the Student House, the Dekes ousted the Chi Phis from the running, and Theta Chi bested Theta Delta Chi. Hayden dorm won by forfeit from Delta Tau Delta, but had demonstrated considerable strength in beating Sigma Chi the week before.

In the contests scheduled for this weekend, Phi Kappa Sigma is expected to down the Student House, S. A. E.'s will probably show too much for the Dekes, Theta Chi should take Sigma Nu in a traditionally rugged battle, and Hayden should just squak by Walcott in what promises to be the closest battle.

Hoopsters To Prepare For Harvard Contest

Test With Crimson Held Away Dec. 8; Fifteen Games Set

With its first game scheduled for a week from Saturday, the basketball team is rapidly rounding into shape. Coach McCarthy has been directing practice nightly in Walker gym, and he thought the team well enough along to scrimmage a group of outside independents last Wednesday—the results were encouraging.

Eight veterans of last year's aggregation are back again this season. Of these, Captain Ted Heuchling, Chuck Wellard, and Jack Aitken were regular, while Ciccone, Craig, Meduski, Ryan, and Clark were also on the squad. After a period of extensive tryouts nine new men were added to this year's squad. They are Diowitz, Dunmire, Frenzel, Honkalehto, Murphy, Waldron, Day, Kurinski, and Scoves.

Besides the three returning regulars from last year, Craig, Honkalehto, Murphy, Ryan, and Waldron are candidates for the five starting positions when the team makes its first appearance against Harvard on December 8.

After playing Harvard, the team travels to Tufts and Stevens before its first home game against Northeastern on December 19. The season, which extends throughout most of this term, is scheduled for a total of fifteen games.

Next AA Meeting To Be On Monday, December 3

The first meeting of the term of the M.I.T. Athletic Association will take place Monday, December 3, at 7:30 P.M. in Litchfield Lounge, Walker Memorial. All members are urged to attend.

Civilian Swimming Classes Announced

Coach Gordon Smith has asked us to announce that he will be available every Thursday from 2 P.M. to 4:00 P.M. to help any undergraduate improve his swimming. He regrets that these two hours are all that are available because of the Navy V-12 program and swimming team practice (but feels that this may be just a beginning to what may follow in future semesters).

He asks that anyone interested in attending swimming classes during the above hours see him in his office at the pool any day during the week from 2 P.M. to 6 P.M. These hours of instruction will start December 6.

Prof. Aalto

(Continued from Page 1)

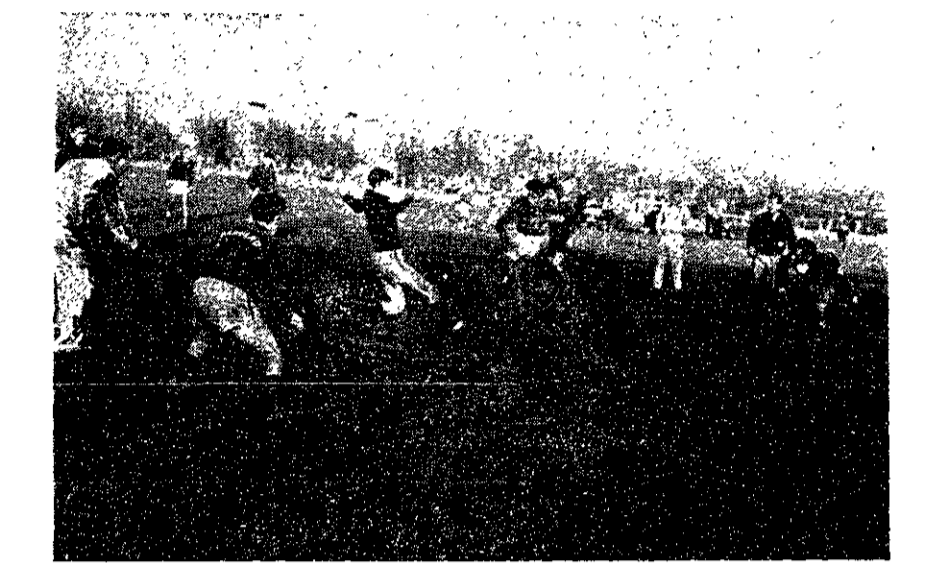
parabolic openings in the roof with uniform dispersion of daylight to every part of the rooms.

One of his notable achievements was the design of the Sunila Sulphite Mills, a manufacturing plant built by an association of all the big Finnish industries and the government. This development included construction of an entire city for workers and officials, involving a laboratory experiment in city planning and traffic control.

Thousands of Americans are familiar with Professor Aalto's work in the buildings he designed for the Finnish government at the New York and San Francisco fairs.

Soccer Team Ties Harvard In Final Game Of Season; Rizo-Patron Scores Twice

OHI! PLEASE DON'T



Harvard and Tech Soccer teams mass before the Harvard goal. The game tied, score 2-2.

Contest Undecided After Two Rough Overtime Periods

The M.I.T. soccer team ended a successful season last Saturday by tying the Harvard booters 2-2. This was the first time the Tech-men have gotten as good as an even draw with their upstream neighbors in over two decades.

It was a long contest featured by two overtime periods during which both teams fought hard to break the deadlock. However, close defensive play coupled with a slow muddy field defeated their best efforts. In fact the weather was the most formidable factor in the contest, with the ankle-deep mud making fast breaks and smooth teamwork well-nigh impossible.

Tech scored first early in the game on a nice shot by Jamie Rizo-Patron, but Harvard tied it up before the first half ended. In the third quarter the Crimson took a 2-1 lead, but another pretty effort by Rizo-Patron knotted the count. The play was furious and rugged from there on in. M.I.T. just missed a chance to add a Merriwell finish to the game when a scramble in front of the Harvard goal with only a minute to go almost resulted in the winning marker. Harvard managed to get possession of the ball, however, and the period ended shortly after.

Coach Craig and the entire soccer squad have good reason to be proud of this season's efforts.

Outing Club Plans Ski Team Smoker

The M.I.T. Outing Club will sponsor a ski team smoker, Wednesday, December 5, at 5:15 P.M. in Room 6-120, if it is available. Anyone interested, who has a knowledge of skiing, is invited to attend.

Harry M. Johnson, 2-46, manager of the ski team, will describe the various activities of the team for the forthcoming season. Motion pictures on skiing will be exhibited, and the Christmas vacation ski trip to Mount Mansfield, in Stowe, Vermont, will be discussed.

Keifer, World Champion To Swim At First Meet

Through the interest and cooperation of Lt. Commander Canfield and Specialist "Bill" Strickland, Tech has been most fortunate in obtaining Lt. Adolf Keifer, World's Champion Record Holder in the 150-yard backstroke, to give an exhibition at the time of our first home meet of the season with Brown University, Saturday, December 8, at 3:00 P.M.

Lt. Keifer has at one time or another held thirty Championship Records, including National Collegiate, American and World; and was a member of the 1936 Olympic Team which competed in Berlin, Germany. Although the backstroke is his specialty, Lt. Keifer's swimming exhibition will by no means be limited to this alone. No admission will be charged.

Hedlund Announces Track Schedule

Track Coach, Oscar Hedlund, has just given a brief outline of the weeks ahead as far as indoor track is concerned. The boards for the track have been laid and Monday afternoon all will start practice on them. The first handicap meet on the boards will be December 8, it will be an intermural meet. The next intramural meet will be December fifteen, the annual Christmas Handicap Meet. Then there will be no track activities until after the Christmas vacation. January 2, 1946, there will be two Freshman Meets, and January 19 there will be the Y.M.C.A. meets at the Boston Y. Tech has received an invitation to compete at the 38th Annual Invitation Indoor Games February 2 at Madison Square Garden. Last year, when Tech competed in the One Mile Relay, they won first prize. Tech is also scheduled to compete at the "57th Annual," which is a series of mile relays, sponsored by the Boston Athletic Association.

Coach Hedlund has said that if enough freshman come out for track there may be a possibility of entering a few freshman teams in the Freshman Relay.

neers. In addition, he joined the East and West Association and was welcomed by the Elections Committee as a member. Last term he was appointed to the Editorial Board of The Tech, and this term he became chairman of the Walker Memorial Committee.

He does not claim track as an extra-curricular activity, but he has been out for it since his Sophomore year.

One might think that Bill could

(Continued on Page 4)

Squash Team Drops First Two Matches

In the past week M.I.T. squash teams participated in two matches in the Massachusetts Squash Racquets Association. The A team was nosed out by Harvard, 3-2 while the B team traveled to Newton to absorb a 5-0 beating.

In the A match for M.I.T. Roger Sonnabend lost to Tom Baker of Harvard, 3-0. Bill Pierce defeated H. Roitman, 3-1, A. P. Rogers lost to Jack Barnabee, 3-0, Larry Bernbaum lost to Roger Merriman, 3-0, and Hill Huntington defeated Dr. Finley, 3-0.

Spotlight

(Continued from Page 2)

the Junior Class, which he claims was a "delightful" position. "I didn't have to do anything." Other activities included chairmanship of the Budget Committee and, therefore, membership in the Executive Committee of the Institute Committee. In fact, he had so many interests that year that he cannot remember all of them. When thinking back, he could not recall whether or not he had been a member of the Junior Prom Committee.

A student in Course I, Bill became (and still is) president of the American Society of Civil Engi-

THE MOST HONORED WATCH ON THE CAMPUS

Longines

THE WORLD'S MOST HONORED WATCH

WINNER OF 10 WORLD'S FAIR GRAND PRIZES, 28 GOLD MEDALS AND MORE HONORS FOR ACCURACY THAN ANY OTHER TIMEPIECE

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 MKR St., 24 Boylston St., Little Building, Street Floor, 1316 Beacon Street, Coolidge Corner. Authorized and approved literature on Christian Science may be read or obtained.

FLOWERS OF QUALITY

Hoffman

Mass. at Commonwealth Ave.
Boston
KEN. 0580

CAMERAS

Bought - Sold - Exchanged

Boylston Camera Exchange
42 BROMFIELD ST.
BOSTON, MASS.

FLY

HUMIT Flying Club, Inc.

for H.U. and M.I.T. people

Memberships open for pilots and beginners.

TWO PLANES NOW AVAILABLE

Inquire KIR. 7600, ext. 115

THE BOSTON MUSIC COMPANY

If it's published we have it

If it's recorded we have it

116-122 BOYLSTON STREET
Near Colonial Theatre

Telephone Order Department
HANcock 1561

Open Monday and Wednesday Evenings until 9

T.C.A. Announces New Appointments To Senior Cabinet

10 Division Managers Named; Wadel To Edit Freshman Handbook

Ten additions have been made to the Senior Cabinet of the Technology Christian Association.

Louis B. Wadel, 2-46, heads the list of new appointees as Editor of the Handbook, with Robert B. Mott heading its business staff. Richard E. Levitan and Armand E. Brachman, both 2-48, have been elected Co-Managers of the Religious Action Division. Jay M. Jennis, 10-47, is the new Director of the Lecture Series, while Walter M. Chaiko, 2-48, will hold down position of Director of the Social Action Department.

Robert A. Wofsey, 2-47, and Stanley J. Adelstein, 10-47, are the new Directors of the Information Department and the Room Registry, respectively. Benjamin Brettler, 2-48, as Director of Book Exchange, and Ramakrishna Chattopadhyaya, 2-46, as Director of Foreign Students, complete the list of new members of the Senior Cabinet.

142 Pledges Outstanding

Letters are being sent to the 142 men who still have not paid their T.C.A. drive pledges, amounting to some \$395. These men are requested to pay their pledges as soon as possible either at the Cashier's Office or at the T.C.A. office in the basement of Walker Memorial.

Russian Relief Appeals

A representative of the Russian Relief will be on hand at the T.C.A. office on Tuesdays, December 4, 11 and 18 from 11:00 A.M. to 2:00 P.M. in order to sell Christmas cards, cigarette boxes, towels, compacts and other useful items. All profits from the sale of these articles will go to Russian Relief.

T.E.N. To Feature Tech War Effort

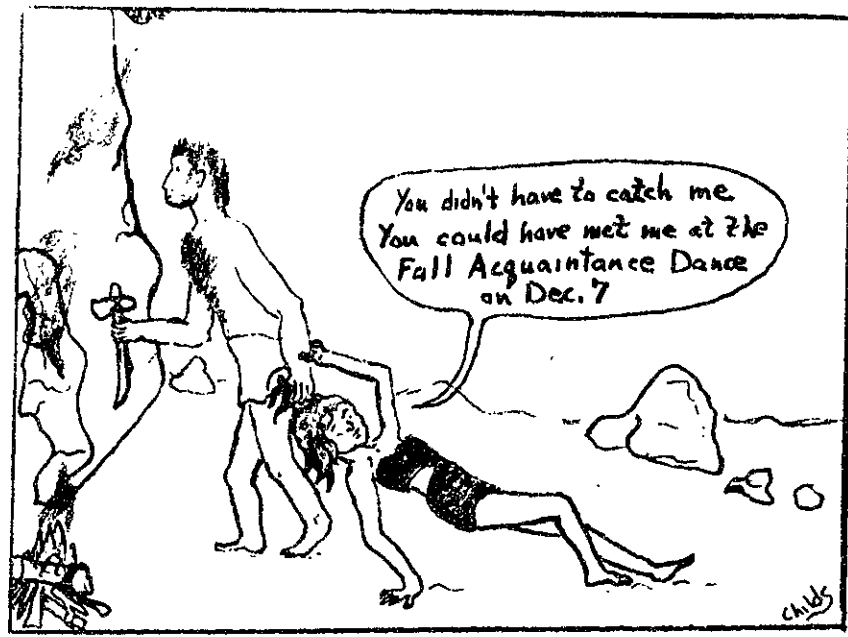
The Tech Engineering News is coming out with its largest issue since the start of the war within the next ten days, it was announced this week by Louis B. Wadel, 2-46, General Manager. This issue will be dedicated to Technology's part in the war effort.

One of the chief articles will be a detailed account of the Cyclotron, written by Stanley Rutenberg, 10-46, who has worked for some time on the instrument. Also included in this issue is a resume of the achievements of the Radiation Laboratory.

President Karl T. Compton has contributed a personal message. Other articles deal with the Differential Analyzer and the Sloan Automotive Laboratories.

Articles have been added on the Wright Brothers Wind Tunnel and the Institute's Chemical Warfare Service Bureau. A complete description of the Draper Gun Sight, developed by Prof. Charles S. Draper of the Aeronautical Engineering Department, completes the December issue.

According to Wadel, this edition is the first in a series of bigger and better issues of our technological digest.



Courtesy of Catholic Club

Prof. Lewin Gives Talk On Experiments In Leadership Conducted By Colleagues

Sponsored by the T.C.A. Boys' Work Division, Professor Kurt Lewin gave a talk entitled "Experiments in Leadership Techniques," Monday, November 26, at 5:00 P.M. in Room 6-120. The presentation was designed to aid prospective leaders in all walks of life by showing the results of experiments with actual groups and leaders. These results are especially applicable to the situations in which M.I.T. Boys' Workers find themselves in boys' clubs.

The experiments had been conducted by colleagues of Professor Lewin, Professors Lippitt and White. Nine groups of young boys were organized to do simple club activities under the leadership of three leaders. Each leader conducted his club in one of three manners which have been conveniently named: "autocratic," "democratic," and "laissez faire." The autocratic leader made all plans for the club but did not describe them to the boys, gave orders, and maintained all-round strict discipline; the democratic leader asked for suggestions, made known his ideas for the future, and entered into the work of the club; the laissez faire leader did nothing unless asked.

Each group was subjected to each kind of leadership but in different successions. In this way the effects of order on certain results could be "cancelled out" and also the effects of the order itself could be determined. Careful records were kept of the behavior and productivity of the groups as units and of the individual members under the different techniques of leadership. These records were put into the form of graphs, some of which were shown at the lecture.

The graphs showed that there is considerably more spirit of aggression under an autocratic leader than a democratic one; in the case of the boys' clubs, the boys quar-

reled among themselves rather than against the leader. Invariably one fellow was "picked on" in particular. Productivity of the autocratic and democratic clubs was good; that of the laissez faire was nil. The laissez faire club was completely disorganized; the boys "rough-housed" at first but eventually became just bored. In each club observations were made when leader left the clubroom for a few minutes. At this the autocratic club ceased work immediately only to return to it when the footsteps of the leader were heard approaching. The democratic club continued working when left alone. While the democratic club was at work, the boys' conversation followed lines quite outside of club activities; there was real contentment. There were many more very interesting results. In general they were quite conclusive for these clubs though Professor Lewin was reluctant to make generalities about larger scale groups.

Research Center Here

Professor Lewin is now Director of the Research Center for Group Dynamics located here at M. I.T. in Building 1. The Center was established quite recently with the twofold purpose of conducting research, including experimentation, in the different fields of group psychology and giving training to M.I.T. men to prepare them for academic or applied fields. The courses are offered to graduate students and may lead to the degree of Ph. D. in Group Psychology.

One of the basic philosophies behind the work of Professor Lewin and his colleagues is that, with the tremendous advancement of physical science, there has been a sad lack of equally conscientious endeavor in the field of human relations and that, in this field also, the scientific approach can be profitably used.

Glee Club To Spend Weekend At Colby

The Glee Club will present a concert tomorrow evening together with the Glee Club of Colby Junior College, at New London, New Hampshire. The combined chorus will sing parts of Handel's "Messiah." The group leaves for New London tomorrow morning at 9 A.M. A dance is to follow the concert, and on Sunday the Tech men will be guests of Colby and return late in the afternoon.

On December 7 the Glee Club

will hold a combined concert with Simmons at Massachusetts School of Arts. A dance is to be held following the conclusion of the recital.

Compton Member Of U.N.O. Group

Want Boston As Home Of World Organization

Pres. Karl T. Compton is now in Europe as a member of the commission representing Boston at the meetings at which the site of the United Nations Organization center will be decided.

Dr. Compton, John Lynch of the Boston Traveler, and Orson Adams, Jr., vice-president of the First National Bank accompanied Governor Tobin to London last Monday. They were preceded by an advance committee consisting of Dean Robert B. Stewart of Tufts College, and William J. McDonald, a New England magazine executive.

Should the UNO center be located in Boston, Pres. Compton has promised five scholarships to the Institute for children of UNO members.

Dr. Compton is expected to leave London tomorrow, and to arrive home on Sunday.

Spotlight

(Continued from Page 3)

not find time for classes in addition to his many extra-curricular activities, but he manages to keep up a cumulative somewhat better than 3.00. However, he admits that going was a little rocky in 6.13, which was the worst subject he ever had anywhere. The second time he took it, he got by with an L.

It was our impression that Seniors had to give up fun during the last term to work on a little article commonly called thesis. But not Bill Semple. Taking advantage of the wartime waiver of that requirement, he substituted a course in water supply and purification.

The vices which Tech men reputedly possess are not a part of Bill. He admits that he has succumbed to the habit of consuming nicotinic weeds, but he does not drink. Instead, he likes the finer things in life, such as art, music, and literature.

When asked about his plans for the future, he said that he will go back to college after he is discharged from the Navy; a certain school at the end of the subway line is under consideration. He emphasized that he is not going to be an engineer, because he is "bored by the whole business." He is fairly sure that he will enter the church, for at Technology he came to the conclusion that the essential things in life are spiritual. Which, say we, is something to ponder over.

THEY'VE DONE THEIR PART



LET US DO OURS!

Dramashop To Play "The Male Animal" January 25-26

Wm. M. Siebert Elected General Manager, Michel Brenner Gets New Posts

Tryouts for parts in James Thurber's play, "The Male Animal," were held yesterday, and will be held today from 4:00 P.M. to 6:00 P.M. in Room 2-190. The Dramashop presentation of the play is scheduled for January 25 and 26, at the Peabody Playhouse on Charles St. in Boston.

New officers of the Dramashop, elected Wednesday, November 14, are William M. Siebert, 2-46, General Manager; Laurent P. Michel, 2-46, Business Manager; and Claude W. Brenner, 2-47, Secretary-Treasurer.

At a Dramashop meeting held Wednesday, November 28, at 5:00 P.M. in Room 2-178, the function and ideals of the society were explained to interested members of the freshmen class and veterans.

After tryouts have been held and the cast picked, rehearsals for "The Male Animal" have been scheduled for sometime next week.

Twelve Pledged By Tau Beta Pi

Ten Seniors, Two Juniors Chosen By Honorary

Twelve men—ten Seniors and two Juniors—have been pledged by Tau Beta Pi, national honorary engineering fraternity following a smoker held Monday afternoon in the 5:15 Club. The initiation period of the new pledges will end on Monday, December 10, with the formal initiation and banquet.

The men pledged from the Senior class are Edwin F. Brylawski, 2-46; Weston W. Goodnow, Jr., 6-46; John A. Guunerson, 2-46; Peter F. Haggerty, II, 2-46; Richard B. Marsten, 2-46; James A. Moore, 2-46; Richard G. Rauch, 2-46; Bhalchandra R. Sule, 2-46; Louis B. Wadel, 2-46; and Robert G. Wilson, 2-46. The Juniors are Norman N. Holland, Jr., 2-47, and Peter L. Richman, 10-46.

The scholastic requirements for a candidate are that he be in the upper one-fifth of his class if a Senior or that he be in the upper one-eighth of his class if a Junior. After the scholastic requirements are met, selection of pledges is based on integrity breadth of interest both inside and outside of engineering, adaptability, and unselfish activity.

As part of the initiation procedure, the pledges will be required to construct a wooden model, twenty times actual size, of the Bent, the key worn by the members of the fraternity.

FENNELL'S
59 MASSACHUSETTS AVE., BOSTON
IMPORTED and DOMESTIC
WINES — LIQUORS AND ALES
Across the BRIDGE at Commonwealth Ave.
WE CARRY A COMPLETE LINE OF S. S. PIERCE'S WINES AND LIQUORS
TEL. **KEN MORE 0222**
OPEN DAILY 9 A.M. TO 11 P.M.
OUR REFRIGERATOR CAPACITY IS 500 CASES OF COLD BEER AND ALE

HOME OF NAME BANDS
NAT MOSS proudly PRESENTS
WOODY HERMAN and his ORCHESTRA featuring **FRANCES WAYNE** THE WOODCHOPPERS
CONTINUOUS DANCING 6:30 P. M. to 3:00 A. M.
DE LUXE DINNERS \$1.50
COUPON FROM 9 P. M. \$1.00 SAT. & HOL. \$1.50
BANQUETS - PARTIES
400 Restaurant
5th AVE. at 43rd ST. MIL. 2-3423

SPECIAL STUDENT'S MODEL!
Sensational New **MULTI-SLIDE RULE**
FIGURES ANYTHING
INSTANTLY-ACCURATELY!
10" LONG 4" WIDE
SENT POST-PAID ONLY \$1.00 COMPLETE PRICE!
YOU can be a mathematical wizard with this sensational, new Multi-Slide Rule. It's a professional technician's scale—not a toy. Now especially designed for students' use. Anyone can use it. Sturdily built. Clear, legible print. SLIDE INDICATOR OF GLEAMING PLASTIC. Fits 3-ring binder. Valuable far beyond its meagre price. Sold at only \$1.00 (complete with carrying case) as an introductory offer. No stamps, please. If you are not more than pleased, return it within 10 days and your \$1.00 will be cheerfully refunded.
MULTI-SLIDE INSTRUMENT CORPORATION
P. O. BOX 5038 DEPT. U CHICAGO, ILL.
INCLUDES 8 EXTRA EXCLUSIVE TABLES NOT FOUND ON OTHER RULES
Four-place LOGARITHM TABLE—SIGNS and LIMITS of VALUE assumed by trigonometric functions—Table of NATURAL TRIGONOMETRIC FUNCTIONS—Table of TRIGONOMETRIC FORMULAE—Table of SLIDE-RULE SETTINGS—Table of GENERAL EQUATIONS—Long list of common MATHEMATICAL FORMULAE—DECEMAL equivalents of a fraction