

## REGISTRATION SOARS TO 2751

### Compton, Rogers Welcome New Men At All Tech Smoker

Compton, Rogers Welcome New Men at All Tech Smoker

President Compton Explains Function of Institute Corporation

Prof. Rogers Toastmaster; Advocates Less Democracy

"Obie" Dennison Supplies Music, "Take Me Back to Tech," Stein Song

"A little less democracy and a little more southern chivalry," was the plea made by Toastmaster Robert E. Rogers on behalf of the largest number of co-eds ever enrolled at the Institute, at the All-Tech Smoker last night in Walker when 1075 freshmen, their fathers and uncles were introduced to Technology traditions. Con-  
(Continued on Page 3)  
Freshman Smoker

### Total Enrollment Of Students Now Largest Since 1932

2,751 Students are Registered, An Increase of 222 Over Last Year

Frosh Total 659

With registration as yet incomplete, the enrollment figures had last night reached a total of 2,751 an increase of 222 students over last year.

The entering class of 659, including special students and a number of transfer students who may later be reclassified, was 90 higher than last year. The second year total showed an increase of 36, while third year registration was up 55.

The graduate school, with an incomplete registration of 584, had increased 83 over last year. The fourth year total, reflecting the low enrollment of the depression, had 42 less students.

### Cold Weather Chills Frosh Spirit At Massapoag; Return For Registration And Smoker

Record Entering Co-ed Group



Staff Photo

This group of freshman co-eds will make life at the Institute easier to bear in the coming months. Left to right, they are: Margaret K. Willic, Rheeta Connolly, Florence Tytell, Jeanne Pearlson, Katerina Zarudnaya, Greta Coltart, Ellen Lunn, Martha Howe, Ruth A. Berman, Marie Early, Elsie Clark, Tatiana Zarudnaya, and Dorothy Betjenan.

### Fifteen Freshman Coeds Set Record; Two From Manchuria Came Farthest

With a total of fifteen girls entered as freshmen, the class of '40 boasts of the highest co-ed enrollment in the history of the Institute.

Blond and brunette, short and tall, maintain that their purpose in coming to the Institute is a serious one and that they hope to maintain the high standard of scholarship and character which their feminine pre-

decessors have set for them. Most of the girls are scholarship students, and their attractiveness and lively personalities belie the ancient adage that beauty of necessity must be without brains.

Though they hail from as far east as Manchuria, most of the freshmen  
(Continued on Page 4)  
Co-eds

### Athletic Association Earns Higher Rating Than Tau Beta Pi's

Dormitories Exceed Fraternities By Slight Margin; General Average Rises

Increasing their cumulative rating average by 0.37 points since June, 1935, the officers of the M. I. T. A. with an average rating of 3.97 take first place on the list of comparative scholastic standings of undergraduate activity, dormitory, and fraternity groups, from Tau Beta Pi, traditional holder of that position.

Tau Beta Pi, the national honorary engineering fraternity which picks its members on a scholastic basis, dropped its average 0.04 points to fall into second place with a rating of 3.95, two points behind the leaders. The M. I. T. Athletic Association had formerly held fifth position in the recorded list of forty-nine.

The average of all undergraduates is up 0.04 points from last year to a present 3.28 rating.

The Dormitory average, 3.30, is 0.05 points above the average of the fraternities, which is 3.25. The average of the Dorm men did not change at all from their last rating, while the fraternities pulled their rating up 0.12 points.

The scholastic rating of the men engaged in athletic activities, 3.490, is  
(Continued on Page 5)  
Ratings

### Frosh Candidates For Managers on Field Day Meet Monday at Five

Managerial Positions Available On Tug-Of-War, Relay And Football

Candidates for managers of the freshman Field Day teams should report to room 5-330 on Friday, October 2, at 5 o'clock. Managers are needed for the tug-of-war, football, and relay teams.

"Managerial positions enable the men who are not themselves proficient in athletics to help their class win Field Day," it was emphasized as  
(Continued on Page 5)  
Frosh Managers

### Sophomore President Receives Ducking Saturday

Dean Prescott Gives First Welcome from Administration

600 Are "Picked Lot" Under New Admission to Institute

Their class spirit slightly chilled by the frigid temperatures at Lake Massapoag, 310 freshman campers returned to the Institute yesterday for registration. Having completed their traditional task of bathing Harold R. Seykota, Sophomore class president, in the icy water, the new recruits seemed satisfied with their exhibition of class ardor, although it was generally conceded by upper-classmen present to be less vociferous than that of other recent classes.

### Councillors Defeat Frosh in Crew

Even the efforts of the councillors to rouse spirit by challenging the freshmen to a crew race seemed unavailing on the entrants, previously described by Prof. Samuel C. Prescott, dean of Science, as a "picked lot." The freshmen lost the race and few spectators appeared interested in the outcome.

Seykota was finally captured and thrown into the lake, with the usual toll of seven or eight freshmen, at 3:31 on Saturday afternoon, after several false alarms. Three searching parties had previously discovered the stocky sophomore in the attic over the mess hall but failed to take him. When he was actually thrown in, he  
(Continued on Page 4)  
Freshman Camp

### Sophomore President Receives Ducking Sat.

Evading three searching parties Saturday by hiding behind a glass window in the misty gloom of the mess hall attic at freshman Camp, the Sophomore Class President, Harold Seykota, was discovered by a fourth search and given the dousing in the waters of Lake Massapoag traditionally given by the freshmen to holders of his office.

Flaunting his scorn for the class of  
(Continued on Page 5)  
Seykota

### Marine Eng. Department Institutes Five Year Course In Transportation

Encouraged and endorsed by shipping interests, the Department of Naval Architecture and Marine Engineering has added a fifth year to its course in marine transportation, of which the entire fourth year will hereafter be spent at sea.

This added year, now made an integral part of the course, will give to all members of the fourth-year class direct practical experience in the work they will afterwards be called upon to supervise. Also, each member will be given the opportunity to

choose which of the main branches of a steamship company he prefers to enter. The fifth year will be spent in intensive study at the Institute. The course will lead to the new degree of Bachelor of Science in Marine Transportation.

Students who intend to take a degree must hereafter go through the sea training, during which they will have the rank of cadets and serve in several departments on shipboard.  
(Continued on Page 4)  
Marine Transportation

#### COMPARATIVE SCHOLASTIC STANDINGS OF UNDERGRADUATE ACTIVITY, DORMITORY, AND FRATERNITY GROUPS

(Based on June 1936 Ratings)

	Average	Increase Over June, 1935	Corresponding Rank in June, 1935
1. Officers of the M. I. T. A. A.....	3.97	0.37	5
2. Tau Beta Pi .....	3.95	*0.04	1
3. Alpha Chi Sigma .....	3.80	0.05	2
4. Chi Epsilon .....	3.725	**	
5. Wearers of the "T" .....	3.72	0.564	30
6. Officers and Representatives, Combined Professional Societies .....	3.67	0.04	3
7. Phi Beta Epsilon .....	3.61	0.78	44
8. Chi Phi .....	3.60	0.23	13
9. Theta Delta Chi .....	3.57	0.23	14
10. Voo Doo Staff .....	3.55	0.231	17
11. Institute Committee .....	3.54	0.416	32
12. T. E. N. Staff .....	3.513	0.013	8
13. Technique Management .....	3.51	*0.06	6
14. Sigma Alpha Epsilon .....	3.49	0.62	43
Average of 167 men engaged in athletic activities .....	3.490	0.175	
15. Wearers of the Varsity Athletic Insignia other than "T" .....	3.464	0.092	12
16. Delta Psi .....	3.45	0.29	29
17. Varsity Sports Captains .....	3.442	0.167	22
Average of 674 men in 25 activity groups .....	3.44	0.09	
18. The Tech Staff .....	3.420	0.254	28
19. Combined Musical Club Performers .....	3.41	*0.01	11
Average of 203 men holding managerial positions .....	3.40	0.158	
20. Voo Doo Management .....	3.399	0.271	31
21. Phi Beta Delta .....	3.39	0.48	42
Average of 210 men engaged in publications activities .....	3.375	0.050	
Average of 170 men on staffs of activities but not holding managerial or executive positions .....	3.366	0.072	
22. Sigma Alpha Mu .....	3.36	0.03	15
23. Beta Theta Pi .....	3.34	0.115	25
24. T. E. N. Management .....	3.335	*0.215	7
25. Tech Show Management .....	3.323	0.498	45
26. Varsity Sports Managers .....	3.313	0.248	37
27. Sigma Nu .....	3.30	0.184	33
Average of all dormitory residents.....	3.30	0.00	
28. Kappa Sigma .....	3.29	0.08	26
29. The Tech Management .....	3.287	*0.143	10
Average of 129 men engaged in dramatics and musical activities .....	3.284	*0.052	
Average of all undergraduates .....	3.28	0.04	
Average of all fraternity men (Does not include Tau Beta Pi and Alpha Chi Sigma) .....	3.25	0.12	
30. Delta Upsilon .....	3.248	*0.032	21
31. Delta Tau Delta .....	3.245	0.019	24
32. Dorm Committee .....	3.227	*0.253	9
33. Phi Delta Theta .....	3.21	*0.10	18
34. Theta Xi .....	3.199	0.093	35
35. Alpha Tau Omega .....	3.198	0.288	42
36. Phi Kappa Sigma .....	3.189	0.079	34
37. Lambda Chi Alpha .....	3.188	0.528	48
38. Phi Sigma Kappa .....	3.17	0.11	38
39. Delta Kappa Epsilon .....	3.165	0.115	39
40. Tech Show Staff .....	3.143	0.183	41
41. T. C. A. Cabinet .....	3.12	0.30	46
42. Phi Gamma Delta .....	3.11	0.01	36
43. Tech Show cast, chorus, orchestra .....	3.09	*0.144	23
44. Combined Musical Clubs Management .....	3.044	*0.262	19
45. Phi Mu Delta .....	3.04	*0.28	16
46. Sigma Chi .....	3.035	*0.168	27
47. Phi Kappa .....	2.96	*0.04	40
48. Technique Staff .....	2.92	*0.381	20
49. Theta Chi .....	2.68	*0.126	47

\* Decrease  
\*\* Not ranked

# The Tech

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William A. Merritt, '39

## ACTION

### FRESHMAN CLASS SPIRIT

THE class of 1940 is the largest freshman class to enter the Institute for some years and the number to attend freshman Camp has been this year the largest ever. It would seem logical that the class spirit of the freshmen should likewise be greater this year. However, many of the upperclassmen who attended Freshman Camp last week have observed and reported to the contrary. This seems to indicate that the present freshman class is thus far demonstrating a decided lack of class spirit.

Next month brings with it the annual Field Day, the day when the two lower classes vie for superiority in track, field, and rowing events. In effect, however, Field Day is a test of the team work and co-operation which exists in the freshman and Sophomore classes. Team work and co-operation cannot be had to a great degree without the manifestation of class spirit.

The freshman may ask what is the need of getting all excited and rushing around the campus just to try to trounce the Sophomores on Field Day when the Sophomores will probably win anyway. In the first place the reason for showing class spirit is not merely for the purpose of getting ready for Field Day. The successful presentation of Field Day is in a sense only a means to an end, the end being the bringing about of better comradeship, friendship, and human understanding between classes and among members of the different classes. In the second place, the Sophomores have by no means assured themselves of the uncontested winning of Field Day. It is true that Sophomores are the more frequent victors on Field Day because of their previous experience and because of their better opportunity for class organization. But this need not daunt the freshmen but should offer them a greater challenge in the coming fray. The freshman class does win out at Field Day occasionally. It has been some time since this was true and therefore it seems that the time is approaching for another freshman victory. But the freshmen will not win without a good deal of hard work.

Possibly the observance of the lack of freshman class spirit at Camp is not an indication of the morale of class as a whole. We hope that the latter is the case. In either case, the freshman class should get going now, start running the races, and prepare to make its bid next month. Every freshman should make it his duty to do something toward winning Field Day. There will be meetings which should be attended in order to heighten the class spirit. All who feel able should come out for one of the numerous teams which range from crew to tug-of-war. Last year the points for the Field Day events were reapportioned in an effort to offer every possible fairness to the two competing classes and to recognize the lack of experience which the freshman have in some of the events.

Late last spring an idea was presented to substitute a game for the mass kidnappings which have taken place during previous fall

terms and which were ruled out last year by the Institute Committee and made punishable by expulsion from the school. The new game, which was suggested too late to receive action by the Institute Committee last spring, was to be called "showing the beaver". The idea which was presented by the president of the Sophomore Class seemed to be a good one. In the event that the event is brought into play this fall, this will be another opportunity for the freshmen to get going and show their class spirit and prepare them for Field Day.

The time for the demonstration of this class spirit will be relatively short and after Field Day there will be plenty of time for the relapse into the grind which will let up but little between then and next June. It will not be necessary to slight studying during the next month to show a little class interest. We should work hard and play hard. Let's go, Class of 1940!

## BATTING AVERAGES

### EDITORIAL POLICY

THE beginning of the fall term marks the mid-point of the present volume of The Tech. It seems to be a suitable time to look back over the first half of the volume and try to see how we measure up as a college publication.

In the first place we can truthfully say that we have done our best to report the news of the Institute without showing partiality to any groups or activities. Of course we have made mistakes but we have studied those mistakes in order to more readily avoid them in the future.

In our editorial columns we have also attempted to give opinions based on careful thought although we have never guaranteed them to be the opinions of the majority at Technology. It has been impossible to avoid stepping on toes and we have doubtless made a few enemies as well as some friends.

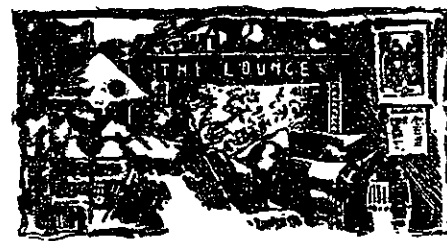
However, ours is not the only college publication which has similar difficulties. We recently ran across the following editorial in another paper which expresses as well as we could some of the reflections which have come to us when numerous factions have cried out in resentment toward some of the stands which The Tech has seen fit to take.

Once upon a time there was a college newspaper with a batting average of about .500, which is a great improvement over some batting averages, though worse than others. Now, though this paper failed to click every time, it managed to blunder into some of the things which have bothered young men for a long time, such as, the Place of Youth in the Sun, or, What to Do in Case of Another War. And at other times the newspaper took up its cudgels over matters a little nearer home. It even broke tradition by suggesting changes in customs which had become petrified by tradition. So as a result, a small number of people who objected to all this made a great deal of noise; by day and by night the air was filled with lamentations and recriminations.

Shortly afterward, however, these young men who ran the college newspaper put their ears a little closer to the ground, and heard things. Someone was saying, "I like you because you're not always safe and sane." But when this was told to others, their reply was always the same. "Radicals!" they would shout. "What are you trying to do—make people think?"

If the newspaper had failed to make people think, at least it had made some of them talk. Which was, judged in the cold light of morning, something of a triumph. Because young men rarely stop to consider Changes if their present path of least resistance seems copiously studded with primroses (and juniper berries). They are generally willing enough to take credit for bearing the Hope of the World on their sometimes thin shoulders; but when it comes to a showdown, Cicero had it figured out just about right. "Let no new precedents be established".

These same young men who ran the college newspaper admitted often enough that they had made mistakes. They often were forced to rationalize their unfortunate situation with the slightly threadbare assertion that the Spice of youth is its Inaccuracy. But this, as anyone will tell you, is an exceedingly embarrassing (and sometimes untenable) position to maintain. Often enough their tight-rope-



The poor freshman

Those on the inside accuse them of being "poor freshmen." We disagree. The freshman, individually and collectively, is the most fortunate species occurring at the Institute. Everybody pities the inexperienced first year man, but just think of the soph who isn't much brighter and still is expected to know the ways of the Institute just because he's been around longer. And the higher the class, the more is expected of the student. If a freshman is found without his pants on a Wellesian campus, or if he gags on local food, or if he snubs the Dean, or if he takes a co-ed out, the Rest Of The World says "Oh Well, he's just a freshman," and lets it go at that. But just let a Senior be found in the same succession of predicaments, and he is accused of being respectively immoral, weak-stomached, too big for his britches, and a dam-fool.

Then there is the question of food. Just watch the Technological types entering what is laughingly called a restaurant. The freshman orders chicken soup and gets it; it would be bad business to turn that delicate stomach, not yet weaned from Mother's Home Cooking. But watch the Senior; he may get anything from the pot wash that the hen walked through to elephant entrail extract, his stomach is case hardened, he has been known to survive innumerable publication banquets. And the flies! They avoid the freshman as they would fly paper, his countenance has not yet had all of the down home soil removed, it is apt to be sticky, his arms flail wildly to the greater discouragement of the pests, he hovers over his soup and fish balls and protects them from air raids, falling plaster and his neighbors' nasal exuberance. But just watch a fly and an upperclassman.

(Continued on Page 5)

### EDITORIAL—Continued

walking attitude was caused by a perfectly logical desire to offend nobody, but to say something that simply cried to be said. As time went on, however, it was found that offering New Plans to normally torpid young men resulted in either of two things: indifference, or twangling disagreement.

Of the two these youthful newspapermen vastly preferred the latter. At least it showed that their efforts had not been totally in vain. And if a part of their not-so-vast reading public offered the comment that the only evident purpose served by this organ of distorted opinion was misrepresenting facts, they thought for a moment. And smiled. For, they remembered.

"None of us is infallible—not even the youngest".

—The Bowdoin Orient

## Reviews and Previews

RKO BOSTON—The Glorified Follies of 1936 and the Three Stooges remain the principal attraction, at the Boston. For those who like them, the Dionne quintuplets appear on the screen as a companion feature to Don't Turn 'Em Loose, a wild and woolly parole picture all about a warden's son who spends his spare time shooting people. Being that he does it with a gun instead of an automobile, it is illegal and very horrible instead of an unfortunate accident.

KEITH MEMORIAL—Swing Time, with Rogers-Astaire, does not come up to the standard of their previous song and dance productions. The song "A Fine Romance" does capture the spontaneity which characterized their earlier successes, but parts of the action are forced and leave a more lingering impression than the better parts of the production. As usual, Ginger Rogers is sufficiently pleasing to watch to keep up a sustained interest.

Carole Lombard and William Powell team up in the coming attraction My Man Godfrey, which should suit the Lombardian personality well. Carole Lombard, incidentally, is the gal who was taken out on a five dollar date by a Cal Tech man last year on a bet, which has always impressed us as a decent condescension in contrast to the habitual unapproachable attitude of Hollywood.

COLONIAL—Romeo and Juliet enter into their last week. Norma Shearer's Juliet is very fine, and while Leslie Howard's Romeo has been accused of departing from the classic interpretation, those who haven't an anti-Howard complex will find little to criticize.

METROPOLITAN—Kay Francis, with George Brent, gives a not exceptional portrayal of a bewildered woman in Give Me Your Heart. On the stage John Boles sings and discourses in a manner approved by feminine Boston. Fred Allen's Town Hall Tonight completes the show.

LOEW'S STATE & ORPHEUM — The Great Ziegfeld continues until Friday with the Powell-Loy-Rainer trio turning out superior performance. Coming Friday is Dodswoth, with Walter Huston, Ruth Chatterton, and Mary Astor. As a matter of statistics, out of several thousand and six women who read a recent diary several thousand and six will rush to see what the author looks like even if they've seen her a dozen times before.

PARAMOUNT AND FENWAY — China Clipper provides some very fine shots of the Pacific Flying Boats and some less interesting ones of Pat O'Brien and supporting cast. Companion feature is Love Begins at 20 with Hugh Herbert and Patricia Ellis. Coming Thursday is Midsummer Night's Dream.

MODERN—Gary Cooper and Madeline Carroll appear in The General Died at Dawn, a bandit story with an unusual ending. Also playing are The Three Married Men.

THERE CAN BE NO COMPROMISE WITH QUALITY

SHOWING  
Wednesday, Sept. 30  
at the  
Tech Shoe Shine Parlor  
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CAMBRIDGE

**Smoker**

(Continued from Page 1)

Giving a description of the opportunities of Technology life, he promised, "We give you the privilege of going out in a dinghy and tipping over if the wind is right."

Telling the incoming group that they were missing an excellent opportunity to develop their claws and teeth early in life, "Tubby" pointed out that the post-depression graduates have been shown in statistics to be less successful than depression students.

Professor Rogers spoke to an overflowed crowd which had previously been fed in relays, those finishing first being transferred to the galleries as soon as they had finished, to make way for the incoming throng. As an improvement on the present situation, "Tubby" suggested a larger dining hall and a swimming pool.

Orville B. "Obie" Dennison led in singing "Take Me Back to Tech," and Tubby then commented that "those freshmen who don't know the words will meet behind the Hangar at 6 A. M. to learn them, attended by a suitable corps of Sophomores who don't know them either."

President Carl T. Compton received an ovation as he rose for his talk, in which he told the freshmen about the members of the executive committee of the Institute Corporation, "the group behind the scenes." Charles A. Stone, a former member of the Committee and Edwin S. Webster, a present member, and both life members of the Corporation, hung out their shingle as "Stone & Webster," consulting electrical engineers, on their graduation from the Institute in 1888, and grew until they are now one of the greatest engineering firms in the country.

Francis Russell Hart is President of the United Fruit Company.

Gerard Swope is President of the General Electric Company. In 1929, President Compton recounted, Mr. Swope, conscious of the financial difficulties of many undergraduates, worked, together with friends, to establish the Technology Loan Fund.

Redfield Proctor is President of the Vermont Marble Company.

Elihu Thomson did much work in the development of the induction motor, and in developing modern methods of power transmission. He formed one of the companies now incorporated in the General Electric Company. He is a former Professor and lecturer of the Institute, and at one time he was acting President.

Turning from the Corporation to a discussion of student activities President Compton told his listeners that "we have a heritage of the greatest value—the tradition of an efficient student government."

Dr. John A. Rockwell, dad of the advisory council for athletics, who was the next speaker, pointed out that the various athletic managing positions provide excellent training for life after graduation.

"Obie" Dennison made another appearance at this point of the program. Limited to two songs by "Tubby" Rogers, he sang a duet with himself for the second number, thus getting in three songs.

You'll hear plenty about publications in the next few weeks," said Professor Frederick G. Fassett, Jr., speaking for the publications, "and you'll have to have a lot of sales resistance not to go out for all of them." "The 35% who go out for the publications will not be the 35% mentioned in the Voo Doo folder; your record will be much better than that." (Ed. note. The reference is to a black-bordered box, "In Memoriam. To the 35% of the Class of 1940 who will learn that 60% is a high mark.")

William E. Weston then spoke for the Musical Clubs, giving some of his impressions of music in general and at Technology. "Even jazz has de-

**Guerke Awarded Technique Cup**



Staff Photo

Henry H. Guerke, '37, cross-country captain receiving Technique Cup for outstanding track performance from Edwin L. Hobson, '37, general manager of Technique.

**Dr. Artur von Hippel, German Savant Joins Electrical Engineering Staff**

Dr. Arthur von Hippel, 35 year old German scientist who has been working on high voltage phenomena with Professor Niels Bohr, Nobel Prize winner, at the University of Copenhagen, has been appointed assistant professor in the Department of Electrical Engineering. It was announced on August 26. He joined the faculty at the opening of the academic year yesterday.

At the Institute, Dr. von Hippel will participate in the research program which is being conducted at present in the field of high voltage electricity.

Developed until now it is a thing of beauty," he said. Later he told the freshmen that "we have a real orchestra, not a symphony, but a real orchestra. It plays the classics and plays them well." Of the Musical Clubs Management, which last year was considerably revised, he said, "This year we have a very efficient manager and an efficient board, and are about to begin a period of progress." "I am glad to have lived long enough," he said "to see that men have done away with the idea that music is for women and for sissies."

Opening the presentation of awards, Donald G. Robbins, President of the Alumni Association, presented the keys of Walker Memorial to David S. McLellan, '37, President of the Institute Committee and of the Senior Class.

John B. Pitkin, '37, received the Schwarz Medal for the best all-around managing.

The Technique Cup was presented to Henry H. Guerke, '37, Captain of the Cross-Country team and of the Track team, for outstanding work in track.

The smoker closed with the singing of the Stein Song.

The research is being carried on cooperatively by the Departments of Physics and Electrical Engineering, in an effort to approach the problems of the electrical engineer from the standpoint of the physicist. This particular field of research, in which the Institute has played a leading part, is one of the most important projects being studied by scientists throughout the world today.

Dr. von Hippel is well fitted for the work in which he will participate at Technology. Although only 35 years of age, he has already distinguished himself by his outstanding research in the field of electronics and applied physics, particularly in the physical explanation of the phenomena of high voltage and insulation. He has been associated with Professor Niels Bohr, Nobel Prize winner in physics, in the University of Copenhagen. His principal work has been in the study of electrical "breakdown" in gases and crystals, on which he has published several significant papers. He has also made an extensive study of the theory of lightning and thunderstorms.

Dr. von Hippel's appointment to Technology is not the first visit he has made to the United States, as he spent the academic year 1926-27 as an International Research Fellow at the University of California. On returning to Gottingen he worked under Professor James Franck, the distinguished physicist, now a member of the faculty at Johns Hopkins University. He also conducted research at the University of Jena and at the University of Instabul before he became associated with Professor Bohr last year.

Dr. von Hippel's appointment was made possible by a joint grant from the Rockefeller Foundation and the Committee in Aid of Displaced German Scholars, of New York City.

**All Tech Smoker Guests See Gym Sports And Talks**

**See Walker Wrestling Matches; Grapplers Anticipate Good Season**

Entering freshmen, their fathers, and other guests of the Institute were entertained by exhibition matches and interesting talks on sports in the Walker Gym last night. Under the competent direction of Joseph A. Smedile an entertaining program was presented to give the freshmen some idea of the sports that are part of the extra curricular activities in which they may participate at Technology.

Coach Ricks gave a short, but instructive talk, on the development of Wrestling, stressing the difference between professional and collegiate wrestling. He presented two short matches: one between the co-captains Edward Bartholomew and Jervis Webb and the other between Bill Bender, a transfer student from whom great things are expected and Coach Ricks himself.

Pat O. Johnson, former Intercollegiate champion and former captain of the Harvard wrestling team, who is now the wrestling coach at Harvard, spoke on the advantages of wrestling as a means of physical development. He was unable to stage his annual exhibition of professional wrestling with Coach Ricks because of an accident in a sailboat.

Coach Ricks believes he will have a very successful season, as many outstanding freshmen and transfer students who were ineligible last year for the varsity team will report soon for preparation for the first meet of the season with Harvard on Saturday afternoon, December 12.

Coach Rawson presented two boxing bouts. The first was an amusing bout between two promising young sophomores, Henry Kettendorf and Albert Rugo. Captain Tony Chmielewski and Woodson Baldwin appeared in the

feature bout which was a fast moving and exciting display of boxing ability. Baldwin, who was the captain of the freshman boxing team last year, was used by Coach Lawson as a fine example of the physical development which boxing can help one to attain.

The final attraction of the evening was a sabre battle between Captain Leo Dantone and Jerome Sahnly. The fencing team had a very successful season last year, winning six meets and losing only three, and has hopes of improving its record as only two men were lost by graduation.

The evening's entertainment was well appreciated and well applauded by the freshmen who now have an inkling of what Tech sports are like.

**Placement Pictures Must Be Signed For Within Two Weeks**

The Photos, To Appear In Technique, Will Be Made By Delar Studios, New York

Registration day marked the beginning of a two weeks period for signing up for the Senior placement pictures which appear in Technique, the Senior Yearbook. This year the required photos are being made by the Delar Studios of Rockefeller Center, New York City.

Sittings for pictures start today. A representative of Technique will be in Room 2-032 to make appointments and arrange for the photographs.

**UNDERGRADUATE NOTICE**

Coach William B. Haines, of the rowing team, announced that a mass meeting will be held today in room 5-330 at five o'clock. All men, freshmen and upper-classesmen, who are interested in rowing, managing, or coxing or any other phase of this sport are urged to attend this initial meeting. Plans for the future will be made, and practice-time will be assigned to the men.

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As a unique means of proving the superiority of "Ink-Vue," Waterman's dealers have transparent demonstration models which allow purchasers to see how the new pen works.



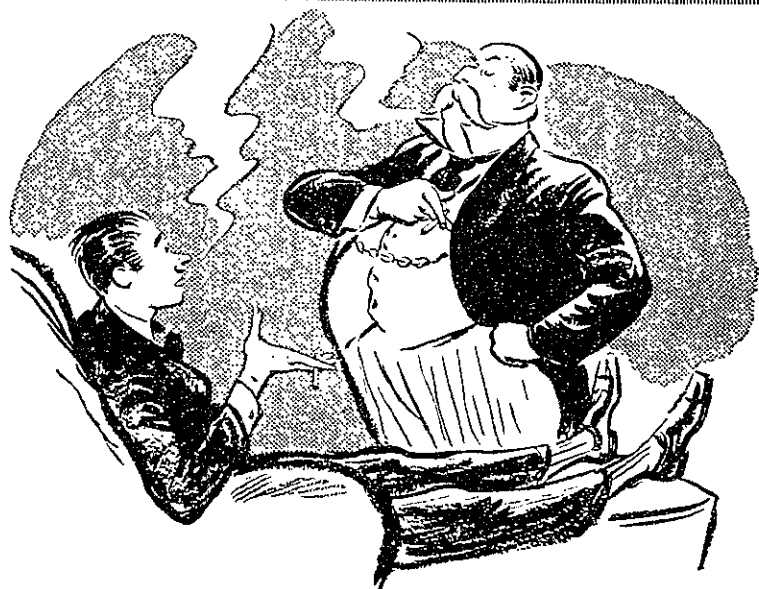
Ink... to the last drop... always at top! New WELL-TOP bottle that's perfect for fountain pen filling.

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Pens, \$5, \$6 and \$8.50 Pencils to match, \$3 and \$4 Other Waterman's pens, \$2.50 up



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"Hang it all, Pater, they can't be that good at 10¢." "Wilcox, my son, Twenty Grand would be good at 20¢!"

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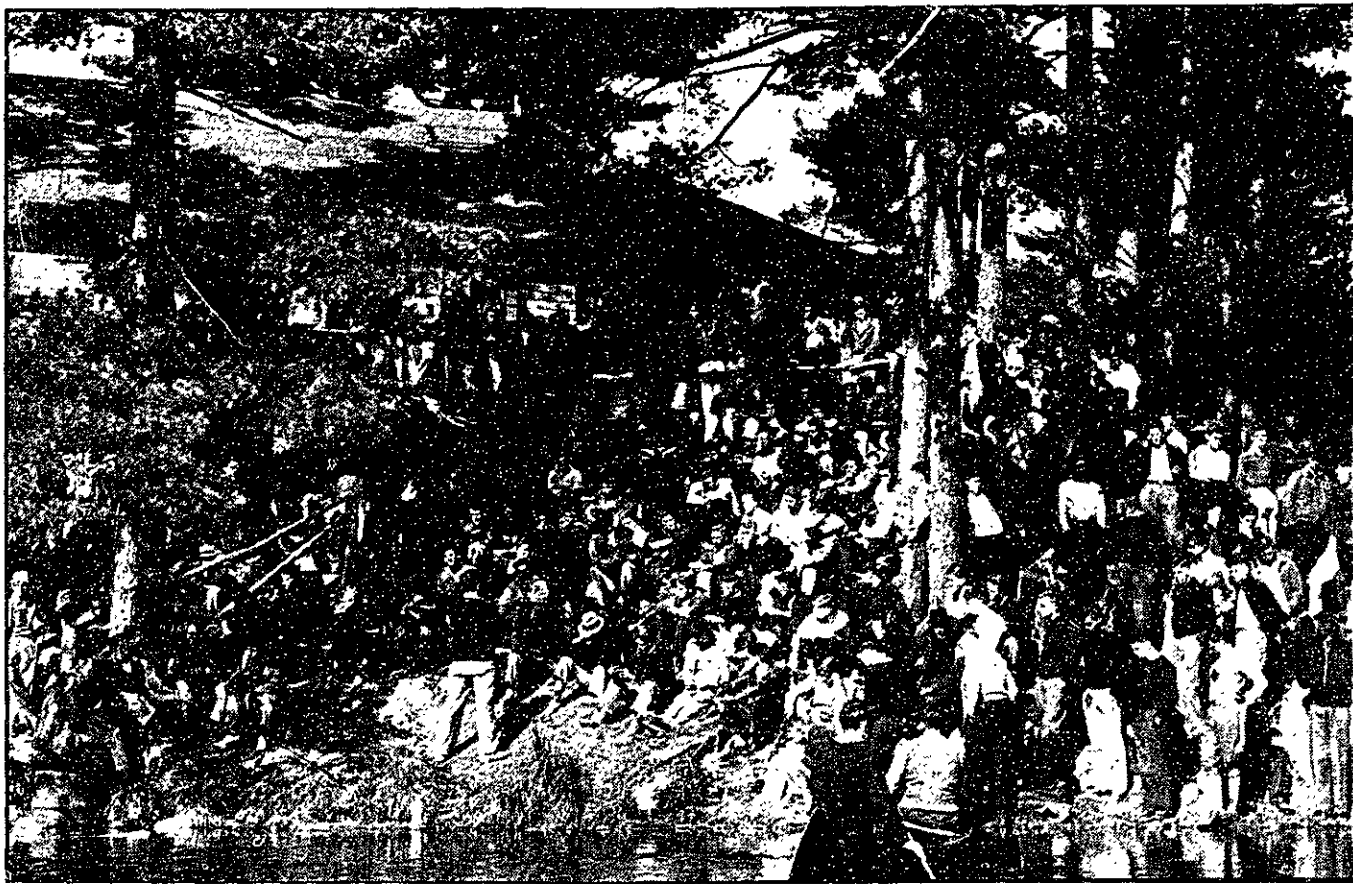
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Panoramic Scene at Freshman Camp



This beautiful panoramic scene of freshmen campers taken by Lawrence R. Steinhardt, '37, The Tech special photographer, shows the freshmen listening to a talk by William B. Burnet during the activities session.

Staff Photo

Camp

(Continued from Page 1)

succeeded in first removing all his clothing except his bathing suit trunks. Other sophomore presidents have received their baths fully clothed. But the freshmen seemed little daunted by this fact.

Seykota Catches Cold

Seykota suffered from his dip, however, to the extent of contracting a head-cold which kept him inside during the remainder of the camping period. Only one other casualty marred the three-day stay when freshman Joseph B. Wiley, Jr., of Winthrop, Mass., received a sprained ankle as a result of participation in the track meet.

First welcome from the Administration to the entrants came through Dean Samuel C. Prescott, who spoke Friday evening and urged the new men to take advantage of the camp

which he termed a "picked lot" to the first class of the Institute, a "picked-up lot". In the first category his reference was to the fact that, under a new plan of stabilized enrollment effective this year, the director of admissions is permitted to accept only 600 of the best qualified applicants for admission. The "picked-up lot" was the group of seven students who joined together under President Barton Rogers to form the first class of "Boston Tech".

A history of Technology and its presidents followed, originally scheduled to have been given by Prof. Charles E. Locke, secretary of the Alumni Association. General Francis A. Walkers' platitude: "Tech is a place for men to work and not for boys to play" was quoted and explained.

"Obie" Dennison, '11, familiar freshman camp personage, delighted 'he recruits with his versions of "Women" and the "Three Brass Balls". He closed the session by teaching them the Technology cheers and "Take Me Back to Tech."

Attaining Maturity Discussed

The Saturday morning discussion by Rev. C. Newton Fetter was devoted to a consideration of the problem of attaining maturity. Citing many characteristics of a mature person, the Baptist preacher urged his listeners to emulate President Compton in their efforts to become "grown-up" at Tech.

Activity leaders and athletic captains and managers then addressed the group on the particular merits of their own activity. Coaches Oscar Hedlund of track, William Haines of crew, Henry McCarthy of basketball, Thomas Rawson of boxing and others were also present to talk to the men.

In the afternoon, the Faculty-Councilors indoor baseball game was declared a "tie" by the score of 10-5 in favor of the upperclassmen. Dr. Croke's description of the Homberg Infirmary, Allen W. Horton, Jr.'s explanation of the movie "Technology", and Sailing Master Jack Wood's colored movies of the activities of the Technology fleet featured the Saturday

(Continued on Page 5)

Camp

Welcomes Freshmen



Staff Photo

President Karl T. Compton at Lake Massapoag welcoming the entering contingent of freshmen, 310 of whom were present at the camp.

Co-ed

(Continued from Page 1)

co-eds are local products, with Maine, New York, and Massachusetts well represented. Many of them have had previous contact with the Institute, their relatives having been either students or instructors.

Margaret Willis of White Plains, New York, one of the five freshman girls enrolled in the course in Biology, received a Freshman Competitive scholarship upon her entrance to Technology. Her father, a graduate of 1915, was high man and honorary secretary of his class.

Katerina and Tatania Zarudnaya, natives of Russia, arrived here only last year from Manchuria where they have resided since 1922. They also enrolled in Course VII. Their sister, Margaret, who graduated from the Institute in 1934 and is now the wife of instructor Harold Freeman of the Economics Department, is employed as a designer of dynamos for the Lynn General Electric Company. A brother, Robert also graduated from Technology in 1934. Both Katerina and Tatania received Freshman competitive scholarships.

Of the two other girls enrolled in Course VII, Jeanne Perlosh is a native of Cambridge and the recipient of a freshman competitive scholarship.

Course VI is also well represented with an enrollment of four co-eds. Jeanne Fasset, a daughter of Professor Frederick G. Fasset, Jr., of the English department, and Martha Howe of Brookline, a graduate of a private school in Boston, are studying architecture. Edith Hurley of Skowhegan, Maine, a former student at Colby Junior College, is entered in IV-A, Architectural Engineering, and is, as Greta Coltart of Saugus, Massachusetts, a scholarship student.

Mathematics also claims female attention with two of the girls enrolled in course XVIII. Margaret Dienes of Cambridge is the winner of a Brookline scholarship and Rheeta Connelly of Worcester a recipient of a Competitive scholarship. Rheeta, like Elizabeth Haskins who was a Mathematics student at Technology, graduated from Classical High School in Worcester. Like Elizabeth, whom she does not know personally, she also played goalie on the school hockey team. Now she is occupying the same room which Elizabeth occupied while studying at the Institute.

The four other girls are enrolled in various fields. Elsie Clark of Saugus Massachusetts is a scholarship student of the course in Business Administration; Dorothy Betjeman of Scarsdale, New York, is enrolled in Aeronautical Engineering; Marie Early, a transfer student from Framingham Normal School and a resident of Cambridge, is studying General Science; and Ruth Berman of Dorchester is planning to become a chemist.

Soccer Team Will Hold Mass Meeting

Early Freshman Opener Makes Immediate Beginning Necessary

A chance to get off to an early start for a strong finish in sports this year is offered by the first rally of the varsity and freshman soccer teams at 5 o'clock on Coop field this afternoon. Freshmen will have an opportunity to see the first practice scrimmage of the varsity squad.

Since the first freshman game is scheduled with Harvard on October 17, Coach Malcolm Goldie urges all freshmen interested in soccer to report early for practice to get their team well organized.

Coach Goldie and Captain Ed Brittenham will be on hand to instruct the freshmen in the rules of the game. Coach Goldie has had a wealth of experience necessary to teach soccer, having a fine record in professional soccer in Scotland and in this country. Previous experience is welcome but not necessary. All classes will find this active sport just the activity during the early school months to keep them in trim.

The varsity squad will launch its fall season with a game against Bridgewater on Saturday, October 10. This will be the first of seven games scheduled during the next two months. A banquet will conclude the fall season near the end of November.

Marine

(Continued from Page 1)

"Marine Transportation" will be the new name of the five year course. The course does not teach men how to sail ships, but how to manage the shipping business. It is a course in scientific shipping management as seen from the point of view of business, and it covers the shore administration of shipping. The required year at sea is expected to give students a fuller and more exact knowledge of the several branches of the shipping field which are open to them, and therefore to help them in selecting the particular branch for which their preferences and aptitudes fit them.

While at sea, the students in the fourth year of the new course will have experience in the engineering and deck departments, and in some cases in the purser's department. It is expected that eventually each of these three departments will occupy the student for three months, and that the fourth quarter of the year away from the Institute will be spent on the piers in connection with cargo handling and terminal operation.

During the first two years of the course, students will receive funda-

mental instruction in chemistry, physics, mathematics, drawing, history, a foreign language, and English. Then specialization in marine transportation will begin, with work in economics, business administration, the economics of ship management and terminal operation, engineering, naval architecture, ship design, and marine engineering. After the year at sea, students will complete the course with further training in these latter subjects, and with electives which lead toward the special objective they may have chosen as a result of their sea experience.

Freshmen Must Obey Rules Listed Below

For the benefit of any freshmen who have not yet become acquainted with the freshman rules, they are given below.

1. All freshmen should wear regulation ties, four-in-hand, with cardinal and grey stripes. They must be worn on the Institute grounds until the end of the rules period.

2. The freshmen are expected to speak to all members of the faculty and to tip their hats to the President of the Institute and to the Dean.

If the freshmen win Field Day, these rules do not apply after the Christmas Vacation. If the freshmen lose, the rules continue in force till the end of the term.

Freshman Ties

A new record in sales of freshman ties was set when five hundred and thirty-four freshman ties were sold on Registration Day by the Quardrangle Club, working for the Freshman Rules Committee. This is nearly 100 more than the previous record sale of last year.

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stay to "broaden your acquaintance among your classmates".

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The head of the School of Science compared the present entering class,

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Merely notify the folks you will send the package by Railway Express, and ask them to return it the same way. You can send it collect too, you know, and while on that subject, we can add, only by Railway Express. The folks will understand. It saves keeping accounts, paying bills, to say nothing of spare change.

You'll find the idea economical all round. The minimum rate is low - only 38 cents - sometimes less. Pick-up and delivery by motor vehicle and insurance included in the shipping charge. It's the same with shipping baggage or anything else by Railway Express. So arrange your shipping dates by phone call to the Railway Express agent, and start now.

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# THE TECH Inquires

This column endeavors to solicit student opinion on questions of timely interest. Persons are chosen at random and interviewed by a reporter. Questions for this column may be submitted by readers and recognition will be given. Open Forum comment on any question or the answers thereto will be welcomed.

This week, the reporter greeted new men at the Freshman Camp with the following query: "What thing do you desire most to get at Technology?"

**Albert Bucklin, Rutland, Vt.:**  
"An education, but a good time at the same time. Friends and broad acquaintances."

**Frederick F. Noonan, Dorchester, Mass.:**  
"I came to obtain a degree in Marine Engineering, and that is what I am aiming for."

**S. R. Pattani, M. I. T. Dorms.:**  
"I have come all the way from India to gain knowledge. Knowledge is my foremost desire and a manly training comes next."

**Richard B. Smith, Cambridge, Mass.:**  
"I desire most to acquire a sound education and a versatile experience of extra-curricular activities."

**Wadsworth Winslow, Jr., Canton, Mass.:**

"I hope to obtain a thorough knowledge of Business Administration and Mechanical Engineering so that I shall be able to take over a responsible and progressive position in an up-to-date industry as soon as possible after graduation. Meanwhile, I desire to make the most of my time, not only scholastically, but also along the line of true friendship."

**Paul Bunke, Boston, Mass.:**  
"A broad technical education, along with many friends and good times."

**Frederick F. Noonan, Dorchester, Mass.:**  
"The reason I came to M. I. T. is included in the fact that it has the best course in the world in the division of engineering, in which I am interested. I came to obtain a degree in Marine Engineering, and that is what I'm aiming for."

**Henry Brewer, Philadelphia, Pa.:**  
"My aim at Tech is to make use of the facilities offered to the best of my ability in order that I may be able to enjoy life thoroughly and to use profitably and well every minute of it."

**George Tsunoke, Boston, Mass.:**  
"The thing I most desire to obtain at Tech is a solid education which will enable me to fit the position that I desire. Along with this I should also like to get the cultural training that is so prevalent at M. I. T."

**Louis B. Tura, Kingston, Mass.:**  
"I hope to get an education which will enable me to procure a position which will have high standards in the scientific world."

## Managers

(Continued from Page 1)

The announcement was issued. Early choice of managers is essential in order that practice of the teams may begin promptly after the freshman rally Monday, October 5. There are only four weeks of practice available before Field Day, and so it is necessary that the teams begin promptly, and work hard and regularly.

Field Day rallies for the two lower classes will begin the first of next week. Freshmen will hold theirs Monday, October 5, and Sophomores on Tuesday, October 6.

These rallies are planned so that the two classes may organize their activities and direct their efforts toward united action on Field Day, October 30.

Second rallies for the two classes will be held Monday, October 26, for the Freshmen, and Tuesday, October 27, for the Sophomores.

## Seykota

(Continued from Page 1)

in their faces, Seykota ate dinner with the freshmen Friday night and went down to the dessert course, at

which time, being recognized, he very prudently ran away. Seykota slept in an automobile Friday night, ate a very early breakfast in the mess hall—long before the freshmen were about—and then proceeded to the mess hall attic, where he prepared the retreat that was to hide him from freshmen till four o'clock. At that time came the fourth searching party, and nemesis.

After leading him down to the water, the freshmen very kindly allowed him to strip to the bathing trunks he was wearing in anticipation of this event. But not without a fight did Seykota give up, for although, like the horse, he could be lead to water, he could not be made to drink willingly. At this last desperate moment he had help in the husky person of Stuart Paige, Sophomore Secretary-Treasurer. In the ensuing melee, a good many freshmen went into the waters of Lake Massapoag along with the Sophomores.

## LOUNGER

(Continued from Page 2)

First the scout appears; he circles the objective, photographs the territory, makes notes of the best landing places. He notes whether the student is reading the Saturday Evening Post or "Engineering Thermodynamics", if the latter, he is apt to give vent to periodic exclamations of disgust. Then Flight Lt. John Q. Fly zooms and wig wags his cousins and his uncles and his father and his grandfather, and his sons and his daughters, and the Army and the Navy and the Air Force and the Marines and they take over the territory. It must be said that they are broad-minded, they do allow the legitimate owner of the food to get a bite in here or there, but there is always the danger that one of their number will be carried along with the mouthful, so a squadron of picked experts keep up a sleepy drone in the immediate vicinity of the student's ear in order that he be not in the least tempted to transfer his attention from his reading to his food. Some day there will be a memorial raised to the Tech upperclassmen, for when all the world turned against them, he supported the winged hosts and defended them against extinction. That his support was unconscious need not be mentioned; when future generations find themselves besieged by flies well trained in the tactics of attack and defense, they may say "A Tech man did it."

### Woman's whims

Quite authentic is the following. The business school girl was writing to her boy friend. "Now," she wrote, "let's get down to brassier tacks." "So that's what they're using this year," he wrote back.

### Penny pinching

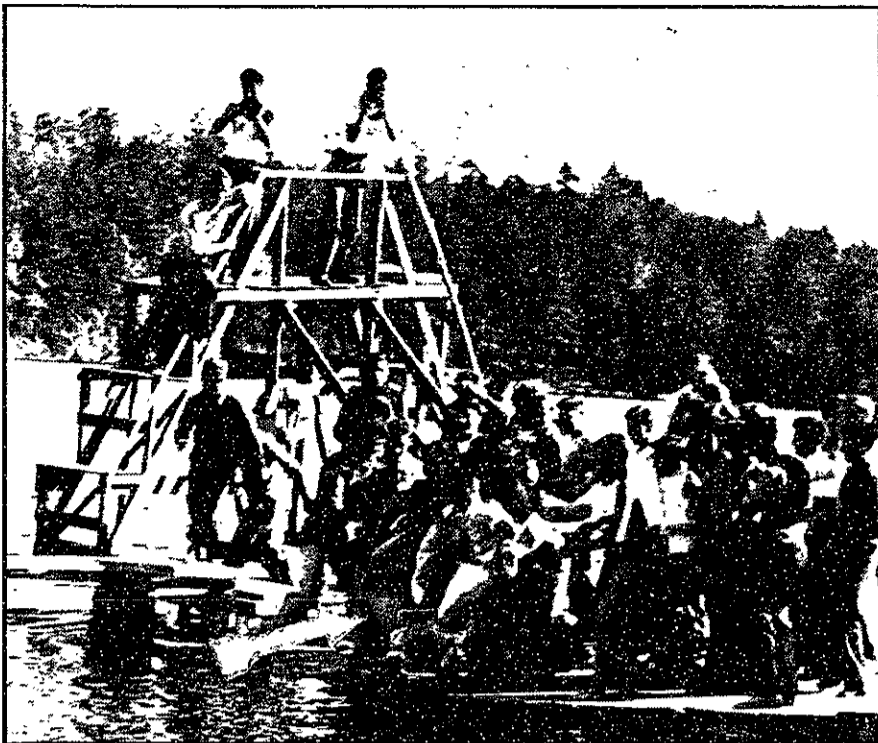
We ate in Walker this morning. That in itself is not unusual; it is one of our many eccentricities. We saw an editorial-length sign describing a twenty-cent breakfast, gave it a hurried glance, and decided that it corresponded with our usual fare. We picked up this and accumulated that and coming to the final reckoning, plunked down our usual quarter, half expecting to see 20c "rung up." "Twenty-seven cents?" the Guardian of the Gate. "Twenty-seven cents?" we queried. "Twenty-seven cents, extra butter," she responded, pointing. Now we have been picking up extra butters for years and years with never a word of comment or disapproval; it is the inalienable right of the upperclassman to know that he is entitled to an

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## Seykota Gets Big Drink



Harold R. Seykota, Sophomore class president, being thrown into Lake Massapoag by freshmen in traditional ceremony. The arrow shows Seykota.

Staff Photo

extra butter. There is no better antidote for an inferiority complex than to take an extra pat of butter when the class president has just shyly walked off with only one, and to appropriate two extras makes a man of you. As one Technology student to another, are we to emulate the harried freshman by carrying pennies to satisfy Walker's vicious whims?

### Freshmen again

We sat at the end of the frosh line-up in the chem labs and watched. Up they wavered, tired and worn, fingers black from "graduation" fountainpens, feet held vise-like in "going-away" shoes. They signed their names here, they signed them there, they printed them, they inscribed them in "typical signatures", they wrote them upside down. It was one for the Bursar and one for Address and one for the Super and one for the distress. The climax came when as they passed out, they were greeted by, "Have your dollar ready for your tie required for your military uniform." And only one out of ten hesitated to dig.

### To a Freshman

Who wanders here and there  
With glassy lost-dog vacant stare?  
The Freshman.  
Who bares a chaste pink tender skin  
To upper classman's willing vim?

### The Freshman.

Who vaguely wonders, "What is that?"  
At co-eds thin and co-eds fat?  
The Freshman.  
Who laffs until his belly's sore  
At Tubby Rogers' ancient lore?  
The Freshman.  
Who dunks a dinghy in the Charles  
And then to kill the germs he gargles?  
The Freshman.  
Who's found with naked lower limbs  
Watching wicked Wellesley grins?  
The Freshman.  
Who helps to make Pa Minsky's ritches  
By loudly clapping Minsky's witches?  
The Freshman.  
Who's robbed of all his hard earned wealth  
By the Coop's long practiced stealth?  
The whole gosh darned school and by the left hind feet of the Institute secretaries there ought to be a law!

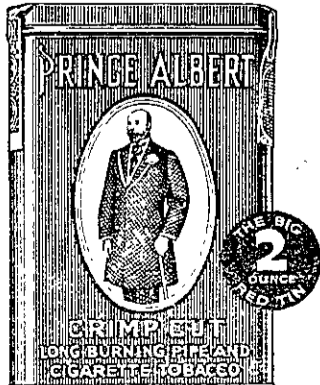
## Esplanade Cafeteria

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Swing back the lid of the Prince Albert tin. Whiff the fragrance. Tamp the golden-brown particles in the pipe bowl. And light up. Cool? Mild? You bet. Prince Albert's the tobacco for choosy pipe smokers. It's "crimp out." It doesn't bite the tongue. The offer below leads you direct to the national joy smoke—Prince Albert. Take it up—now!



50 pipefuls of fragrant tobacco in every 2-ounce tin of Prince Albert

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Smoke 20 fragrant pipefuls of Prince Albert. If you don't find it the mellowest, tastiest pipe tobacco you ever smoked, return the pocket tin with the rest of the tobacco in it to us at any time within a month from this date, and we will refund full purchase price, plus postage.

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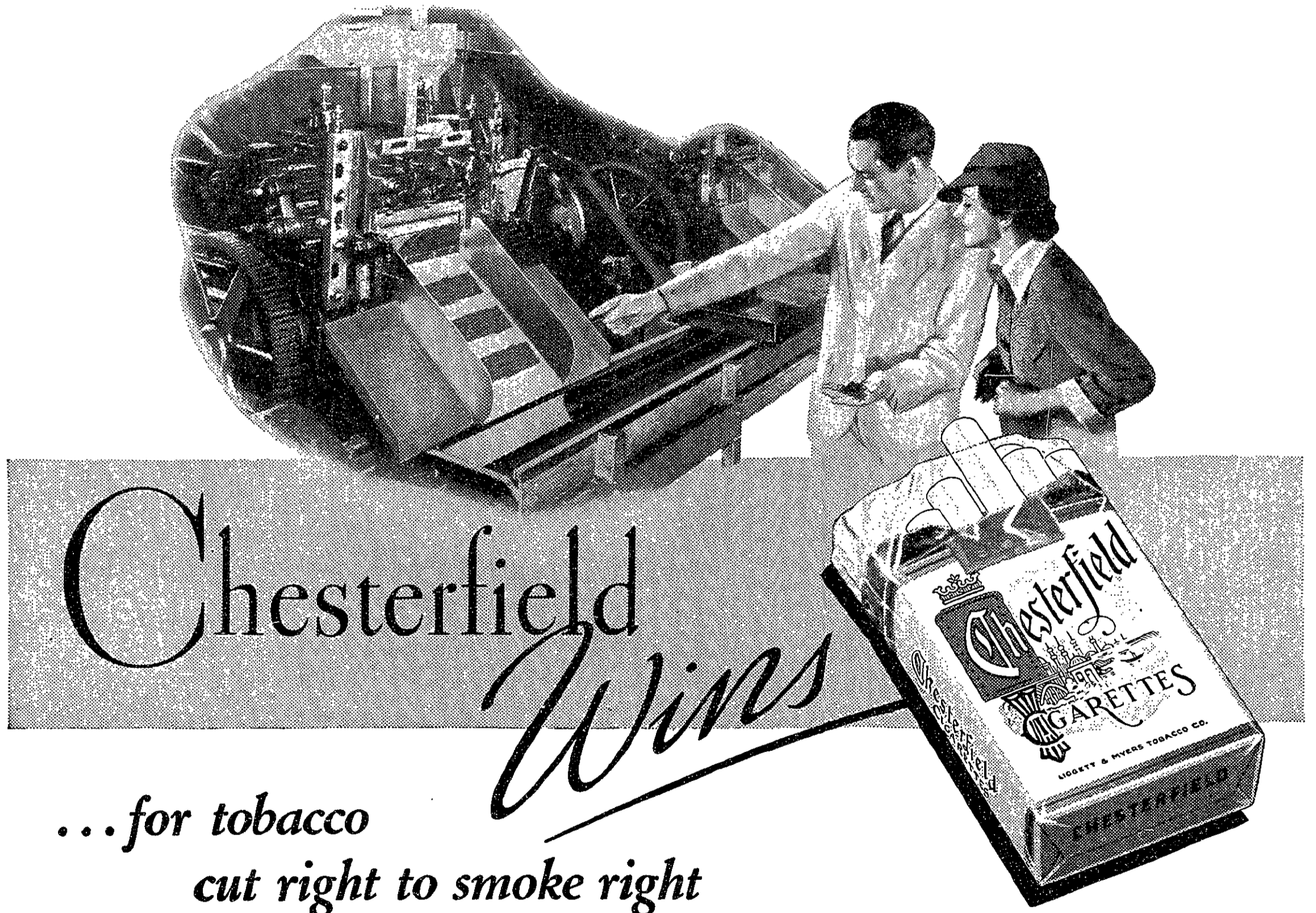
# FRESHMEN —

## *Can You Read?*

Of course... Can you write?... Certainly... Do you want to write? Or sell ads?... Or take photographs? ..Or keep accounts? Or just learn what a newspaper is all about? If you do, The Tech has a place for you. Come to The Tech smoker next Thursday, October 8. Or stop in the news room in the basement of Walker any afternoon at five. Investigate The Tech before you commit yourself. No experience is necessary.

# The Tech

*The Old Man of Activities — But He Has No Gray Hairs*



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There's a right way to carve a chicken or slice a ham.  
And there's a right way to cut tobacco.

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it is in Chesterfield... right width and right length  
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