



Sophs 10 Pts. Behind As Field Day, JP Start

"The Beaver Key regards the scuttling of the freshman boat by a large group of sophomores on Wednesday evening as a very serious offense and one that could have led to a serious instance of hazing. The Beaver Key has discovered, however, that the sophomore act was not organized by the Q-Club; further, the Q-Club did not seem to have any knowledge that this action was to be taken. Obviously, this group of sophomores was not aware of the consequences of their action to the Sophomore Class with respect to Field Day. From what the Key can learn, these sophomores went about their task in a spirit of fun, although irresponsible fun. The Beaver Key had hoped that the classes would have been able to limit their 'fun' to their own preparation for Field Day, and Field Day itself. The Key also realizes that no serious incident arose from this action, and it would be unfair to both classes to call off the whole of Field Day, especially noting the great amount of preparation that has been made.

"We have, therefore, decided that, in lieu of any further incident of this nature, Field Day will continue as scheduled. Instead of penalizing those Sophomores who worked so hard on their boat—we have decided to deduct 10 points from the Sophomore class total as a whole, in way of penalizing the less prudent members of the class.

Richard Kaplan, President, Beaver Key

The much-heralded and loudly-advertised (as any passer-by in Building 10 will agree) Junior Prom Weekend will finally begin tonight, when the party-goers congregate in the Grand Ballroom of the Hotel Statler for an evening of dancing and drinking to the music of Harry James and his Music Makers. While this and the Saturday night jazz concert are to be definite parts of the Weekend, the Field Day activities, which were announced as a part of the Weekend did not, as of early Thursday morning, have quite such a sure future.

Frosh Boat Prematurely Dunked

Late Wednesday night, the group of five frosh, who were busily engaged in refining the '62 FD boat was enlarged by the appearance of sixty sophomores who were determined to test the floatability of the craft. Assuming that the rapid exit of the freshmen was due to the sudden remembrance of more-important-things-to-be-done, the sophs proceeded to carry about the task in their own way, i.e., carrying the partially-finished vessel to the banks of the Charles, and, naturally, subjecting it to the moistening influences of the flowing sludge. The subsequent frosh salvage project lasted late into the night. Aside from the fact that several members of the Class of '61 were registered with the Security Force shortly after the invasion, the Sophs termed the action, "a success". Richard Kaplan '60, president of Beaver Key, felt, however, that this system of winning the boat race was not exactly in the line of the Key FD rules; as a result, he has seriously considered dropping the entire Field Day from the Weekend's activities.

Junior Prom Begins Tonight

Irregardless of the decision, though, about Field Day, the Junior Prom itself will go on as planned. The formal affair tonight from 9 to 1 will mark the first time that Harry James has appeared on the MIT campus. He will be "supported" during intermission by the Logarythms, two quick-tongued MC's, and the election of the new JP Queen. Although the Junior Prom Committee had at first expected a sell-out crowd, and, as a result, had ordered an extra room for the overflow, they announced last week that the Georgian Room had been canceled. The raffle system of determining table positions at the dance was used for the first time, and, apparently, met with a great deal more favor than the line-system, which had become almost a tradition at the Institute.

For the less hardy folks who don't wish to view the Field Day activities, Theodore Bikel, noted folk singer, will present a concert tomorrow in Baker House. Latest notice indicated that the affair, which was originally planned as a combination cocktail party and concert, has become simply the latter.

Tomorrow evening at 8:30, the couples will pack themselves into Rockwell Cage, where they will be greeted by jazz-great Count Basie and his band. A special nylon sheet will cover the dirt floor of the Cage, and tables will be moved in; provisions will be made for dancing at the informal affair.

Original plans for Field Day activities set the Boat Race at 1:00 p.m. on the Charles in front of Baker House, two tug-of-wars at 1:30 p.m., a totem pole race immediately following, and the infamous glove fight at about 2:00 p.m. on Briggs Field.

Aside from the recent raids on the frosh, preparations for Field Day have this year proceeded with few incidents, a fact which has surprised the Dean of Students, who felt that the reinstatement of Field Day, and particularly the glove fight, was simply inviting hazing.

44 Chosen for Chem Honorary

The Beta Alpha Chapter of Phi Lambda Upsilon, honorary fraternity for chemists, elected twenty undergraduates and twenty-four graduates to membership candidacy on Tuesday evening, November 4. The election took place immediately following a social meeting to which potential candidates were invited.

The election is based upon high achievement in the study of pure or applied chemistry, faculty recommendation and demonstration of individual qualities of leadership.

Though only three years old, the Beta Alpha Chapter at MIT has a rapidly growing list of responsibilities and activities. This year the society will again award the Phi Lambda Upsilon prize for freshman chemistry and will sponsor a series of scientific lectures in the field of chemistry.

The students who were elected Tuesday night are as follows:

Undergraduates	Graduates
Course III	Course III
H. D. Brody	T. K. Goldstick
Course V	G. E. Agar
E. A. Cohen	H. J. Bixler
G. H. Connor, Jr.	C. T. Hughes
W. S. Magee	C. J. King
J. A. Norris	Course V
F. G. Willey	I. W. Oliner
C. A. Tolman	C. F. W. Ekman
Course VII	John P. Fackler
S. A. Latt	Morton Kaplan
Course X	Kurt X. Kieselmaier
H. E. Gilliland	William R. Pierson
E. H. Hasseltine	Paul C. Rogers
T. F. Schultz	Bruce W. Shore
C. A. Eckert	D. C. Williams
M. D. Fraser	Emanuel Yellin
M. D. Porter	I. G. Atkinson
C. D. Sawyer	R. Parsons
G. A. Schuabel	James W. Beattie
P. S. Spangler	Rene R. Bertrand
R. A. Quaass	Lawrence H. Bowen
A. C. Dierckes	Kenneth L. Churney
Course XII	James E. Davis
K. A. Pankivskyj	A. Thomas Guettin
	O. Lewin Keller

commendation that intercollegiate football not be reinstated. According to Mr. Edgerly, the benefits in the possible rise in school spirit and prestige, and the satisfaction of those participating, were far outweighed by the disadvantage of depriving our present fall sports of some funds and considerable personnel to support "an extremely mediocre football team". He said that all the members of his committee were enthusiastic over varsity football at the outset of the investigation, but, as the cold, hard facts of finances and probable participation were gathered, the inevitable decision was rather reluctantly reached.

Intramural Injuries Cited

The encroachment of intramural sports upon varsity and freshman team personnel was the second topic of heated discussion. Members of the coaching staff voiced their strong opinions that intramural sports, particularly football, have greatly depleted the personnel and winning power of many varsity teams. Basketball Coach John Burke stated that many men have been kept from playing varsity basketball by the pressure put on them by their fraternity brothers to play intramurals. Charles Batterman, varsity soccer coach, cited the example of his expert goalie being benched by an injury suffered during intramural foot-

(Continued on page 3)

Improvement of 704 Computer Renders Greater Speed, Memory

The hardest working and most complex "student" at MIT—the IBM 704 Computer—now has a vocabulary greater than that of Sir Winston Churchill, long considered to be one of the most erudite men in the world.

Recent modification on the high speed data processing machine has provided the computer with the ability to remember about 60,000 English words. Sir Winston has been credited with the ability to use 50,000 words.

A crew of six experts from IBM spent slightly more than two weeks at the task of modifying the computer, quadrupling its memory, and speeding its operation. Until the recent improvement, the binary system computer could recall up to 8,192 words, but now can hold a total of 32,768 words. Information theory experts at MIT say that by using a scale based on the number of binary digits in an average English word, and taking other factors such as redundancy of certain speech characteristics into consideration, the computer now is capable of a maximum of about 60,000 words.

The modification was an expensive and delicate operation of installing sensitive and complex storage plates. The memory grids, about six inches wide, are made up of thousands of fine wires, on which are strung many pinhead size magnetic elements that are the memory cells. Grids are stacked like pancakes in a small area. A total of 1,179,648 memory cells are now contained within the stacks. Because small particles of dust can disturb the tiny electronic components, all work had to be performed under air-tight, constant temperature plastic cocoon.

Professor Dean N. Arden, head of the programming research, pointed out that modification of the equipment has resulted in a considerable speed-up in processing information. "This means that we now can have information available in a matter of

millionths of a second, which previously was accessible only in thousandths of a second or longer. When very complicated calculations are furnished the computer—involving problems that may take hours to solve—this speed up becomes important."

"It is only in the matter of speed that the computer is superior to the human being," Professor Arden said. The famed scientist, Dr. John Von Neuman, once estimated that the human brain has a memory capacity that is about 10,000 times that of the best computer now in existence."

The recent modification brought the total value of the computer and its supporting facilities to three million dollars. It is the most versatile machine devoted entirely to educational purposes in any educational institution in the world.

Coming Culture

Vilar, Noted French Artist, Visits MIT

Jean Vilar, director and actor for the Theatre National Populaire of Paris, will lead an informal discussion of the French drama Saturday, November 8 at five p.m. in the Little Theater in Kresge.

Following his talk on Saturday, Jean Vilar will appear at 8:30 p.m. in the T.N.P.'s opening performance in Kresge Auditorium, "Le Triomphe de l'Amour" by Marivaux. The T.N.P., which is being presented by the Cambridge Drama Festival, will also give two Sunday performances of Corneille's "Le Cid", starring Gerard Phillippe.

L'Amitie and the Department of Modern Languages at MIT are jointly sponsoring the meeting, which is open to the public without charge.

Organ Recital To Be William Congdon To Show Artwork Here

Dr. David C. Johnson, minister of music at the First Church, Congregational in Cambridge, will give an organ recital in the MIT Chapel, Sunday, November 9th, at 4 p.m. He will be assisted by Jane Bowers, flutist; Phyllis Spence, violinist; and Robin Esch, violinist. The program will be: Prelude and Fugue in C Minor—Bach; Chorale and Variations on "Meinen Jesum Lass Ich Nicht"—Walter; Concerto No. 3 in B Minor—Walter; Sonata No. 10, K. 245—Mozart; Sonata No. 5 in F Major—Handel; Sonata No. 10, K. 274—Mozart; Offertoire Sur Les Grands Jours in C Major (Messe Solennelle)—Couperin le Grand. Admission will be free.

JP AND SW PETITIONS
There will be JP Committee Class of '61 and Senior Week '59 elections on Tuesday, November 24. Petitions are obtainable at the Inscomm office in Walker. They must be returned by 5:15 Friday, November 14.

Paintings by William Congdon will be exhibited in the New Gallery of the Hayden Library from November 10th to 30th.

Now a resident of Italy, Congdon was born in Providence, Rhode Island. After graduating from Yale, he spent the three following years in Boston, studying sculpture under George Demetrious. He joined the American Field Service and was stationed in Italy. After the war he returned to the United States and set aside his sculpture in favor of painting. He became an immediate success in his new field. His paintings are exhibited in many fine museums and private collections throughout the world.

Except for holidays, the gallery will be open weekdays from 10 to 5, week-ends from 2 to 5.

Intramural Sports Hurting Varsity, Coaches Tell AA

The intrusion of intramural sports upon varsity and freshman athletic activities, and the status of varsity football at MIT, were the main topics of discussion at the Athletic Association dinner held recently.

Following the dinner, AA President Paul Eckberg threw the meeting open to discussion of issues of common interest to the members of the Athletic Board, Coaching Staff, and Athletic Association who were present. Stuart Edgerly, Jr. '46, chairman of the Athletic Board committee which investigated varsity football two years ago gave the issues influencing the committee's recent-

Political Theory To Be Studied by New Group: "Socialism"

The fruit of the controversy over the October 25 March to Washington can be reaped last Tuesday evening as several of the marchers joined with other interested persons in forming the MIT Political Theory Discussion Group.

Having set as its purpose the study of various political theories and the analysis of an interest in politics at the Institute, the group has already drawn up a constitution, elected officers, and applied to Inscomm for recognition.

Topics for study will be designated by the members-at-large at the opening of each term. "Socialism" will be the subject for study during the first term. Arrangements are being made for lectures, debates, and meetings for discussion.

Membership in the group is open to all members of the MIT community: students, faculty, and staff members. There are no political restrictions on membership and there are no commitments necessary for it implied by it.

Newly-elected officers of the group, who will serve until February, are Ed Sheppard '59, president; Ed Sedland '59, vice president; Harold Berger '59, secretary; George Lerger '60, treasurer; and George Land '62, publicity director.

Debate Team Wins Eight School Meet Two Men Awarded

The MIT Debating Society took first place in an eight school debate at Brandeis University on November 1. Two varsity teams were invited to the meet by MIT.

The "A" team won the meet with a record of five wins against one loss. Affirmative speakers on this team were Wayne Hayden '60 and Richard Smith '60. Speaking for the negative were Robert Hillman '59 and Richard Becker '59. Hayden was chosen as first ranking affirmative speaker while Hillman was selected top negative speaker.

The "B" team split with three wins and three losses. Speaking for affirmative were Leroy Kopel '61 and Walter Loveland '61 while their negative teammates were Dan Tauter '61 and Ray Wilkins '60.

The topic of the debate was, Resolved: That the further development of nuclear weapons should be prohibited by international agreement.

Attending the meet were MIT, Boston College, and Brandeis, each featuring two teams and Harvard, Williams, Dartmouth, and Tufts with one team each.

The Tech

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The Board of Directors of THE TECH is pleased to announce the appointment of Kenneth F. Reinschmidt '60 of East Campus and Cincinnati, Ohio, to the Board as Business Manager.

Security and Education

The Security Office at MIT is not included in the General Catalogue. It's hard to pinpoint the exact reason, but might it be a feeling that security systems and education are not complementary?

The predicament at MIT can probably best be described as a conflict between the desire to keep government sponsored research projects, and the talent associated with them, at MIT, and the desire to dissociate the idea of security measures from educational ideals. It is true that the investigative and classifying burden for security clearance has been removed from the realm of the universities. But the nature and the enforcement of security measures cannot be ignored.

The danger of a campus becoming dominated by security measures is probably slight. (But the opposite is true for the defense labs, like Lincoln.) Harvard, however, did choose to avoid the slightest possibility of interference of security measures with educational ideals. In the words of Vice-President William Harrell, "We wished to avoid a situation where the free interchange of ideas among members of the staff, engaged in open research and teaching, could not be carried out without interference by the security system."

The predominance of science and engineering at MIT seems to make a similar decision here almost impossible. President Killian must have realized the double importance of safeguarding the free interchange of ideas in such a situation. It wasn't long ago that he so well defended "unqualified freedom of thought and investigation" in loyalty cases at MIT.

In his statements of 1951, President Killian hit hard at something deeper than infringements on academic freedom. Ironically it was the same basic concept, thought control, which many people have come to associate with security and loyalty systems. Perhaps these are the sensitive people; and yet who can say that the hiding and suspicion of a security system that rewards concealment of ideas and legislates postfactum is devoted to unqualified freedom of thought and investigation?

—Jon Wigert

college world

Home from school for Christmas we hear our fathers, full of Christmas spirit, vividly describe the days when college students were college students instead of the meek, book burdened, grind of today. He stumbles over tales of might at night, objects appearing in unusual places, sometimes pounding on jail doors. But then boys will be boys. Yes, father, the student of today doesn't carouse like he did in your day.

Not only do we not carouse, but we also refuse to be independent: so the commencement speakers told us. It's true. The college student of today is a serious grind. All he does is study. He doesn't even go to football games. Yet there is one BU student who recognizes the problem and poses the obvious solution: "Most schools today are known by the actions of their football teams. A team needs support and it's up to the students and faculty to provide it." Lamentably this student does not ride the bandwagon but

instead has been pitched into the crowd of parade watchers and has assumed the role of heckler. Another BU student concisely states the majority opinion: "Too much emphasis is placed upon the importance of this time-consuming sport. We are coming to college to get an education."

However, we can nationalize. Sociological studies have covered the college campus and have noted the great increase of children among college students. This significant increase of married students, so we are told, results from a basic insecurity in this highly charged world. At the same time this insecurity results in the more rapid maturation of the young men and women accounting for our devotion to the books and apparently the opposite sex if the statistics are correct.

This early maturity is evidenced in the college student's understanding his responsibility to this age. The modern college student has a real feeling for his responsibility—it is not the affirmative gushing of a young, feminine idealist infatuated with her white haired philosophy professor, nor is it merely a let's hit those books gang to be better prepared for our future jobs and responsibilities. This modern college student is now actively assuming his role and his responsibility in our critical age.

* * * * *

Responding to the critical need for spies in our critical age the *Becker Journal* of Becker Junior College, a girls' school in Worcester, Massachusetts, announced in the front page of the newspaper, insuring everyone's awareness, "INTERVIEWS with the Central Intelligence Agency, Monday, November 3, 10 a.m."

* * * * *

Shocked to discover that some students were neglecting one area of responsibility several University of Michigan students acted. Following the old axiom "It takes all kinds to make a world," three U of M students assumed their duty and became bookmakers. "Police Arraign U. of Michigan Bookmakers" screamed the headline in the *Daily Pennsylvanian*. "Two top-flight University of Michigan athletes and the associate sports editor of the Michigan daily newspaper were arraigned yesterday as members of a \$10,000-a-week football gambling ring." It takes all kinds to make a college world.

—Carl Swanson '60

half notes

During this past summer, shortly before the Choral Society embarked on their European tour, they presented a concert at Kresge for the benefit of those of us who were blessed to be in blistering Boston. Featured on the program were several organ selections. We were fascinated, if not somewhat distracted, by the opening and closing of the wooden panels in the wall directly above the console. So we decided to investigate.

It seems that the Auditorium organ was given to the Institute by one Alvin Fuller, a former Governor of Massachusetts. The organ was built by the Holtkamp Organ Company of Cleveland, and tailored to the size, shape, and acoustical properties of Kresge. Although the organ has nearly 3,000 individual pipes, it is *not* considered huge—as organs go.

The pipes, which vary in length from 16 feet to six inches, are made of zinc, copper, pine, and an alloy of tin, zinc, and lead.

The organ is basically a wind instrument. An electrically driven fan (replacing the familiar bellows of a foot-operated "pump" organ) produces a reservoir of air under constant pressure which is allowed to pass through the various pipes at the control of the performer. Each pipe contains a reed, set into vibration by the column of air forced through the pipe. The pitch and quality is determined by the size, shape, and material of which the pipe is constructed. The varying tonal effects are produced by "stops"—a mechanical system of diverting the air through a particular set, or "rank," or combination of ranks, of pipes. Excluding electronic organs (Hammond and the like, whose sound is produced electronically), all organs operate similarly. Even during Bach's era, there was not much difference, save for the aforementioned bellows.

By the way, we discovered that the opening and closing panels above the organ served to muffle or louden still other ranks of pipes out of the audience's view. It's an open secret that there is another rank in the Little Theater. **QUARTER NOTES**

Very gratifying to see such a large and receptive crowd at last Saturday's Concert . . . After the concert, the Tech-tonians played at an informal dance in Baker House. At this their premiere, they displayed a strong potential. We'd like to hear them again—after a bit more practice . . . Last chance to purchase Humanities Series tickets. Call ext. 892 or visit 14-N-236 for further details . . . A free organ recital will be given by David C. Johnson this Sunday at the MIT Chapel. Time: 4 P.M. . . . Rumblyings of a joint MIT-Harvard Band Concert in March . . . Since this column tinkers with *all* aspects of music at MIT we would like to heartily recommend LSC's "The King and I" at Kresge, Friday, November 14th. We consider this to be some of Richard Rodgers' finest . . .

—Mort Achter

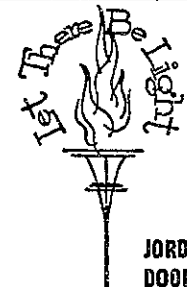
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Our representative, Mr. Vincent Iannoli, will be available on campus for interviews on November 13 and 14. For appointment, please see your Placement Director now.

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60 P&G, Danforth Grants Available to Grads, Undergrads

MIT students are eligible for sixty Procter and Gamble scholarships to be offered for the 1959-1960 school year. The scholarships include full tuition, an allowance for books and supplies, and an unrestricted grant of \$600 given directly to the college.

Also available are Danforth Foundation Fellowships under two new programs. The Kent Fellowships are open to graduates "who are committed to a religious approach to life and who look forward to professional service as teachers or administrators in higher education." Pertinent information may be obtained from the Dean's office or from Dr. Richard C. Gilman, The National Council on Religion in Higher Education, 400 Prospect Street, New Haven 11, Connecticut. Applications close January 29, and candidates must take the Graduate Record Examinations Aptitude Test on November 15 or January 17.

Information concerning The Rockefeller Theological Fellowship program is available in the Dean's Office. Nominations for these fellowships, which entail a trial year at a seminary, close December 1st.

The Procter and Gamble College Aid Program emphasizes unrestricted grants which total \$490,000, more than half of P&G's annual contribution. The remainder is spent in awards to individual students for tuition and other expenses.

Stockhauser, Noted Musician, Presents "Pure Sound" Talk

Karlheinz Stockhausen, a young German composer who is the leading exponent of electronic music, gave a lecture demonstration on "New Developments in Instrumental and Electronic Music" on Thursday, November 6.

Born in 1928 at Altenberg, near Cologne, Stockhausen now lives in Cologne and works closely with the West German Radio. He studied composition first with Frank Martin, and later with Olivier Messiaen in Paris.

Starting from the music of Webern, on whom he has written a number of articles, he has developed a highly individual style of composing that has been recognized in such works as his "Kontra-Punkte" for chamber ensemble, his wind quintet "Zeitmasse" and his piano pieces. His most recent work, "Gruppen," is for three orchestras under three conductors.

In addition to these instrumental works, Stockhausen has given a great deal of attention to electronic music, produced without instruments but by the use of electronic generators producing "pure sounds," which are then used by the composer to construct his own tone-colors, notes and noises. Most of this type of music has emanated from the West German Radio's electronic studio in Cologne.

Mr. Stockhausen illustrated his lecture with tape recordings of both instrumental and electronic music.

AA

(Continued from page 1)

ball game. Varsity cross country coach, Arthur E. Farnham, Jr., in a well prepared statement, showed that intramural sports are greatly hindering the conditioning of varsity players. An example was the detrimental effect on a varsity swimmer's leg muscles caused by playing intramural hockey.

John Weisbuch '59, intramural hockey manager and varsity hockey player, voiced his opinion that varsity sports were not being seriously hindered by intramurals and that intramurals should have greater participation.

The meeting threatened to last all night on this issue, and Professor Holt Ashley of the Athletic Board suggested that a committee of the Athletic Board be formed to investigate the optimum division between intramural and varsity sports.

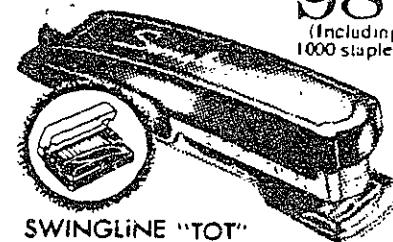
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THINKKLISH

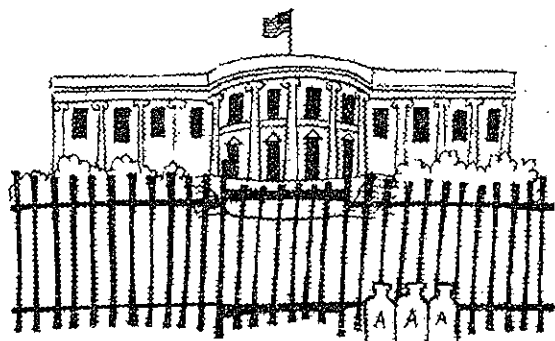
English: DOG'S JACKET



Thinklish: ROVERCOAT

AUDRE VARGOSKO, GEORGE WASHINGTON U.

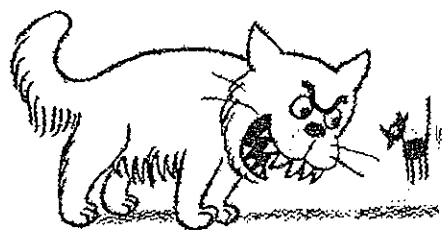
English: THE WHITE HOUSE



Thinklish: PRESIDENCE

JAMES PERRY, MARIETTA

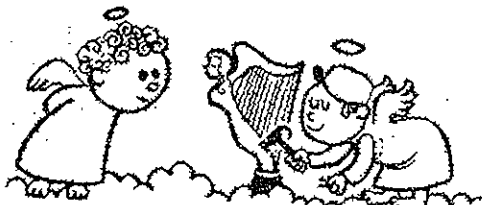
English: SHARP-TOOTHED HOUSE CAT



Thinklish: FANGORA

RODNEY COLE, KANSAS STATE COLL

English: MUSICAL-INSTRUMENT MAKER



Thinklish: HARPENTER

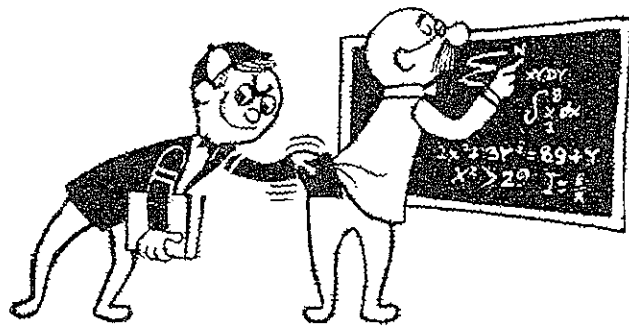
RONALD AMALONG, PITT.

English: MUSICAL COMEDY ABOUT A LUCKY SMOKER

Thinklish translation: Kudos to the new hit *Smoklahoma!* Plot: boy meets cigarette, boy likes cigarette. Lucky Strike was convincing as the cigarette, displaying honest good taste from beginning to end. The end? We'll tell you this much: it's glowing.



English: LIGHT-FINGERED FRESHMAN

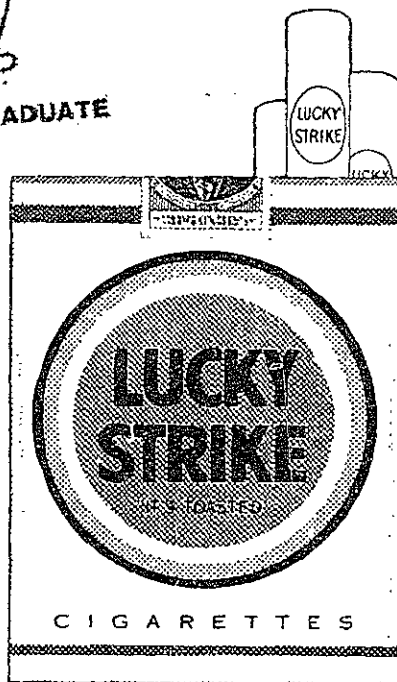


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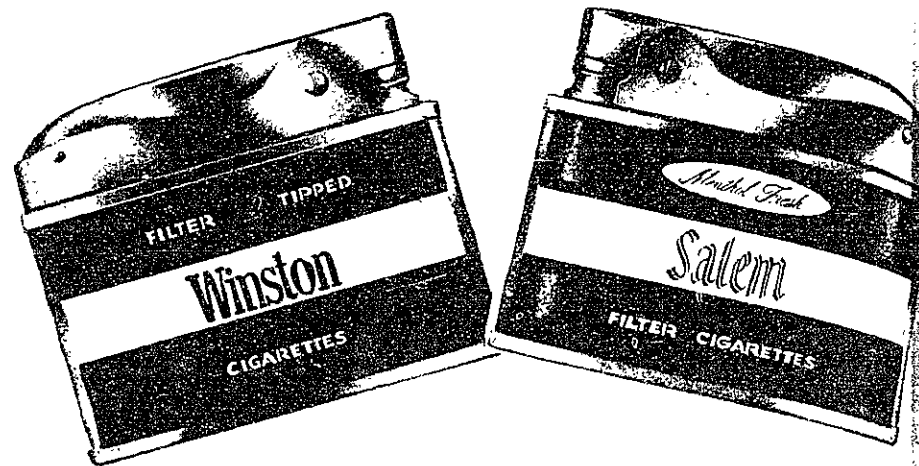
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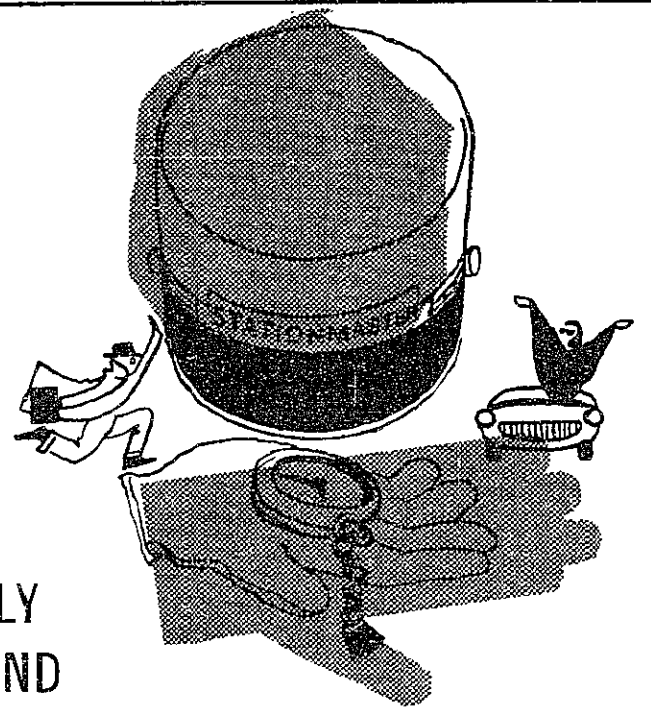
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RALLY ROUND THE FLAGON, BOYS!

In the bar car Herman Trimble, boy adult, quivered as he quaffed his final sip of Schaefer. His beloved wife Calliope was waiting for him at the next station stop. He hadn't seen her since morning.

"Halt, ground!" he shouted as the train ground to a halt. Whimpering, he raced along the platform—past old Gear, the stationmaster, past the familiar Schaefer sign, to a little foreign car. Inside sat Calliope, chic, nubile, slack-jawed. Herman clawed open the door, sprang forward, kissed her eyes, ears, nose and throat.

"We must hurry," Calliope cried, breaking free and slamming his head against the dash. "PTA meets tonight, and ESP and SAC and various other civic groups."

"Life with you is a circus, Calliope," Herman sighed, thinking of older, sweeter times. "Do you recall when Schaefer was your kind of beer? When our days were filled with soft words and anchovy canapés and tall, cold draughts of Schaefer? And we would sit close together on that old, overstuffed Ottoman—or was it a man named Otto?"

"Schaefer still is my kind of beer," she said, eyes moist. "Real beer. Experts call it round because it has a smooth harmony of flavors."

"Oh, Calliope, you remember!" Herman said. "Near here there is an old barn made over into a nightclub. It is called The Old Barn Nightclub. Let us go there now for Schaefer and lantern shine and oo-la-la."

Calliope, laughing merry assent, rammed the car into Gear, who was pushing a baggage cart past them. Unhurt but angry, he stood muttering at them long after they had disappeared into the Schaefer-golden sunset.



All Stars Meet SAE Sunday In Second Annual Gridiron Clash

As an exciting climax to JP week-end, this Sunday afternoon will feature the second annual Intramural All Star Sigma Alpha Epsilon football game at 1:30 on Briggs Field. The All Stars, who were chosen from both the A and B divisions by Herb Johnson '58 and Dick Northrup '60, will present a formidable challenge to the SAE squad that has been beaten only once in the last four years. New faces will predominate in the All Star lineup as only two of the seven players saw action in last year's rain soaked struggle, that resulted in a scoreless tie when the contest was halted at the half. Heading the All Star attack will be Sigma Chi's Jim Long '60 at tailback who will have standout receivers Polutechko '59, Phi Kappa, and Sumner Warren Goodnow '59, Beta Pi at the ends. Completing the backfield will be Fritz Frink '61, Delta Theta, and Bob Shelton '61, Delta Upsilon, at wingback and kicking back respectively. The forward wall, which will be called upon to provide the necessary pass protection will consist of tackles Corin Langlinson '61, Theta Chi, and Dick Adams '59, Lambda Chi Alpha as well as center Mark Dichter '60, Pi Lambda Phi.

and safeties Ernie Potter '59, Delta Tau Delta and Hugh Morrow '60, Theta Xi.

Determined to stop any All Star advances are SAE defensemen Tony Dunne '60, Bob McCullough '60 and Bill Noz '57 up front, backed up by Tom Burns '62, Steve Whittamore '59, Browand, Lenoir, and Maier.

If the All Star offensive unit jells it could well dent the, as yet unscorched upon, Sailor defense. Sunny skies and a large enthusiastic crowd, are all that is needed to make this one of the finest athletic afternoons.


Beaver Soccermen Defeated by Brown

Handicapped by a turnout of only fifteen men, MIT's varsity soccer team suffered a 5-1 defeat at the hands of a strong Brown aggregation at Providence Wednesday afternoon. The victors picked up the first score of the contest midway through the first period and were never headed thereafter.

Until 9:10 of the third quarter, the game was a hard-fought 1-0 affair. At that point, Brown notched a pair of tallies within seconds of each other. The home squad scored again towards the close of that session and added a final marker early in the closing period.

Beaver forward Guillermo Van Oordt '61 averted a shutout when he booted one into the twines moments after the last Brown goal.


KOOL ANSWER

ARCS	"ARE YOU KOOL ENOUGH TO KRACK THIS?"	BASIN
LOAN		OVINE
POLO		MADGE
STEW		BLEED
NE		SOW
TODD		HIP NAVY
IRA		KOOLS LIE
PERMIT		AISLES
INS		NEW
GOING		NIECE
ONRUSH		CATCHY
AMAT		EVA CHAR
LENE		PIT HOPE

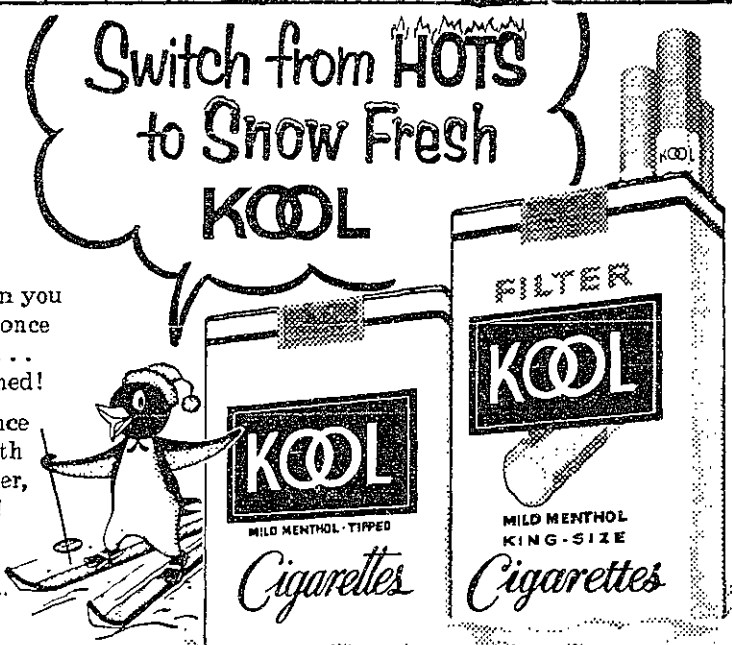
Switch from Hots to Snow Fresh KOOL

KOOL CROSSWORD No. 4

- ACROSS**
- They figure in circles
 - A street; a sink
 - It's floated to tide one over
 - Sheeplike
 - A sport requiring water or horses
 - Scott's Wildfire
 - Ragout
 - Colors and noses do it most
 - Me., N.H., Vt., Mass., R.I., Conn. (abbr.)
 - Female hog
 - Mrs. A. Lincoln's maiden name
 - 1958 model of hep
 - Good team on a wet field
 - A Gershwin
 - America's most refreshing cigarettes
 - A tall tale
 - License
 - They're in the middle at weddings
 - Opposite of "outs"
 - Desirable kind of car
 - steady
 - His sister's daughter
 - Forward burst
 - Descriptive of good songs and bad colds
 - Amo, amas, —
 - A Gabor
 - Cleaning woman
 - Unaspirated consonant
 - Part of a cherry
 - Pal of Faith
- DOWN**
- Hannibal's highways
 - Underage beer
 - Dated art form
 - under
 - Old cars
 - Old song title from Catalina
 - White — for a big wheel
 - Picnic playwright
 - Financial state of most undergrads
 - Corking good end of a Kool
 - Pay dirt
 - Switch from — to Kools
 - She was changed to a helper
 - ahead
 - Compete
 - The most unused word on a Saturday nite dice
 - Kools give you a choice— regular or —
 - Italian city
 - The word following "Just a —"
 - from 20
 - Down to 27
 - Across
 - Last line to a letterman
 - "This one's —" (2 words)
 - Where Teheran is
 - Little Sir —
 - English-type fellow
 - Rochester's Jane
 - & 45. Understanding feline (2 words)
 - Roman numerals for six

1	2	3	4	5	6	7	8	9
10				"ARE YOU KOOL ENOUGH TO KRACK THIS?"				
12								
14								
		16						
18	19			20	21	22		23
24	25							
26			27			28		29
30			31			32		33
			34			35		
36	37	38				39	40	41
42								
43				44		45		
46				47	48			49
50				51				52

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(Nov. 13, 14 only)

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- New England Telephone and Telegraph Company
- New York Telephone Company
- The Southern New England Telephone Company

Applicants will be interviewed for other regional operating companies in the United States and Canada.

WESTERN ELECTRIC COMPANY (Nov. 13, 14 only)

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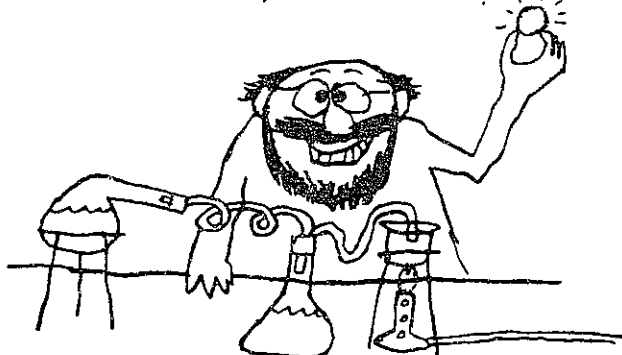
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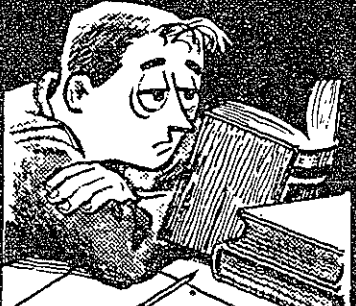

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