

Planning Office juggles Walker, Armory rooms

By John Corwin

The MIT Planning Office is currently in the process of re-evaluating the buildings on campus which became outdated following the completion of the Student Center.

In an interview with Mr. Simha, Director of the Planning Office, it was learned that plans are being made for active use of the old Tech Coop structure, the upper floors of Walker Memorial, and sections of the Armory.

Old Coop

The Tech Coop building will be turned over to the Department of Agriculture as a laboratory for Professor Keppish, until MIT can build or build a better complex for the School of Architecture's studios.

Walker Memorial

Walker Memorial will continue to operate as a community facility, and the dining rooms and all activities not in the student center will remain there.

Work will be done to "restore

the quality" of the upper floors, and possibly some athletic facilities will be installed. The Planning Office is also considering requests from new clubs at MIT for space in Walker. There is also a chance that the Religious Counselors may be temporarily seated there when the McCormick Hall expansion forces their move.

Armory

The Armory currently houses the Housing Office on the first floor, and the second floor contains music facilities to supplement those at Kresge Auditorium, which have proven to be insufficient. Both of these occupancies were described as "transitional." In addition, NRSA may obtain temporary residence in the Armory.

Innerbelt Highway

Mr. Simha also mentioned proposed Interbelt Highway, the last leg of the Federal Interstate Highway system of the Boston Area. Since 1948, MIT has been fighting proposals to run the highway through areas of Cambridge which would cause considerable discontent to the MIT community.

One proposed route is along the railroad tracks crossing Massachusetts Avenue, but it is not wide enough, and widening it would remove either the cyclotron and surrounding labs or the instrumentation laboratory.

Further west, another proposed route through Brookline and Elm streets would threaten about 1000 families or industries representing about the same number of workers.

The Department of Public Works has spoken of a depressed highway, and this may remain the only solution if none of the other alternatives is proved satisfactory.

Planning duties

Mr. Simha described the four basic purposes of his Office, beginning with the making and maintaining of MIT's long range plans for development. The office must also provide a staff support for managing the space available at MIT, as well as serve the community and act as a liaison between the Institute and the city government agencies.

Replacement for Stratton sought

By Dan Asimov

Who will be the next president of MIT? James R. Killian, Jr., Chairman of the Corporation, recently announced the appointment of a Committee on Succession, chosen from members of the Corporation to help answer that question.

The "Search" Committee will process possible successors for Dr. Stratton and present its recommendations to the Corporation. The Corporation will then make the final decision.

Members

The Committee is made up of Vannevar Bush, James B. Fisk chairman, Crawford H. Greenwalt, Robert C. Guinness, and Edward J. Hanley.

Bush

Dr. Bush is Honorary Chairman of the Corporation. At 75 he is one of the nation's most renowned and honored statesmen of science. He is a former professor, dean, vice president, and Chairman of the Corporation of MIT. Currently he is spending his time working in his home workshop and writing two books.

Dr. Bush received BS and MS degrees from Tufts in 1913 and a DEng degree in 1916 jointly from Harvard and MIT. During World War I he worked on submarine detection for the Navy and returned to MIT in 1919 as Associate Professor of Electric Power Transmission.

In 1935 Dr. Bush built a digital differential analyzer capable of solving differential equations in 18 variables, the forerunner of the modern digital computer.

Fisk

Dr. Fisk, President of Bell Telephone Laboratories, received his BS degree in Aeronautical Engineering from MIT in 1931, and stayed on to get a PhD in Physics in 1935. For a time he served on the MIT faculty, and for one year was the Director of Research for the Atomic Energy Commission. He has also been a member of the President's Scientific Advisory Committee.

Greenewalt

Crawford Greenewalt, President of E. I. duPont de Nemours & Company, got his BS in Chemical Engineering from MIT in 1922, and has been awarded several honorary doctor's degrees. He has

served with duPont since his graduation, and has been a member of its Executive Committee since 1948.

Guinness

Dr. Guinness is a director and Executive Vice President of Standard Oil Company of Indiana. He received his MS and SaD degrees from MIT in 1934 and 1936 respectively. Before joining Standard Oil in 1938, he was Assistant Professor in the Department of Chemical Engineering.

A trustee of the University of Chicago, his professional affiliations include the American Insti-

tute of Petroleum Engineers, the American Chemical Society, and the American Petroleum Institute. He is a member of the Chemist's Club of New York City and served as the president of the MIT Club of Chicago.

Hanley

Edward J. Hanley, President and Director of Allegheny Ludlum Steel Corporation, received his BS in mechanical engineering from MIT in 1924. After graduating MIT, he attended the Harvard Business School. Currently he is a director of several industrial concerns.



Vol. 85, No. 25 Cambridge, Mass., Tuesday, Nov. 23, 1965 5c

Subject drop date

The Committee on Academic Performance has announced that Friday, December 17, is the last date upon which an undergraduate student may cancel a subject for which he is registered simply by the filing of a Registration Correction Card approved by his Faculty Counselor.

After that date a petition to the Committee on Academic Performance is required. The Guide For Undergraduate Faculty Counselors states: "The Committee will allow such late cancellation only in the case of extenuating circumstances. The fact that a student is failing is not considered a valid reason for a late cancellation."

'68 lights upset '67

Six races highlight Class Day Regatta

By Chuck Hottinger

The MIT crews marked the end of the fall rowing season last week with the annual Class Day Regatta, held Saturday afternoon on the Charles River. Featured in the final rowing event of the year were a series of six races, ranging from coed and coxswain triables to intersquad varsity competition.

The big surprise of the day came during the lightweight varsity race, as the heavily favored junior boat, winner's of last year's Class Day competition, were beaten by a strong sophomore squad. The '68 boat, stroked by Frank Sylvester, moved to an early lead over the one mile course, but nearly lost it in the final sprint. The junior boat, stroked by Mike Kreuger, moved within three seats of the lead boat with ten strokes remaining, but were unable to pull ahead.

New Shell Christened

The traditional ceremony was the christening of the new heavyweight shell, the Spirit of '62, in honor of the winners of the Compton Cup of that year. Present for the launching were Mrs. Stratton and Dean Wadleigh, while two members of the 1962 squad dedicated the boat to future Compton Cup wins.

Using the freshly christened shell, the heavyweight senior squad fought off competition from the sophomores and juniors to win the heavyweight varsity race. Despite an early lead of 1 length

by the junior squad, the class of '66 pulled into the lead with 1/2 mile to go. The senior boat, stroked by Dave Penny, moved ahead to win by one length over the second place sophomores, while the juniors followed in third place.

Making their first appearance since organization this fall was the Tech coed crew, captained by Elaine Lancaster '67, recent transfer from Wellesley. Fielding two four-girl shells with coxswains, the coeds provided an exciting race, complete with midcourse collision between the two opposing boats.

The shell stroked by Irene Grief '67 moved into the lead several times, but was hindered by several series of crabs which brought the boat to a halt. Rowing at a much lower stroke, the boat paced by Harriet Fell '69 moved ahead in the last half of the 3/4 mile race to win by 3 seats.

Heavy Coxswains Win

A second highlight of the day was the cox-manager race, featuring competition between the varsity heavyweight and light-

(Please turn to Page 10)



Photo by Pete Blicher

Three of the ten boats in the Freshman "Splashathon" head down the Charles during the Annual Class Day Regatta. The first frosh lights won the race by one foot when two heavyweight boats collided in midcourse.

Ippen appointed Ford Professor; honored as engineering educator

Dr. Gordon S. Brown, Dean of the School of Engineering, announced the appointment of Dr. Arthur T. Ippen of the Department of Civil Engineering as Ford Professor of Engineering.

Dr. Ippen, an international authority on water resources engineering, becomes the Institute's seventh Ford Professor. The Ford professorships were endowed by the Ford Foundation as part of a program in the School of Engineering for advanced inter-disciplinary approaches to engineering at MIT, for introducing new methods of engineering teaching, and for strengthening of basic research in newly emerging domains for engineering.

Dr. Ippen is head of the Water Resources Division of the Department of Civil Engineering and founder and director of the department's Hydrodynamics Laboratory.

Dr. Ippen received his Dipl.-Ingénieur in Civil Engineering from Technical University, Aachen, Germany, in 1931, and his PhD in Civil Engineering and Aeronautics from the California Institute of Technology in 1936. He was a Research Fellow and Instructor at Cal Tech from 1936-38, and a member of the faculty in charge of the hydraulic laboratory at Lehigh University from 1938-45. He was appointed to the MIT faculty in 1945.

Dr. Ippen's awards include the Karl Emil Hilgard Prize of the American Society of Civil Engineers, the Vincent Bendix Award of the American Society for Engineering Education. This month he will receive the Prechtl

Medal from the Technical University of Vienna on the occasion of its 150th anniversary. He has an honorary doctorate from the University of Toulouse. He has served as president of the Boston Society of Civil Engineers and the International Association for Hydraulic Research. Last May, he was made an Honorary Member of the Japan Society of Civil Engineering on the occasion of the society's 50th anniversary.

Other occupants of Ford professorships in the School of Engineering are Dr. Morris Cohen of the Department of Metallurgy; Drs. Robert A. Fano and David C. White of Electrical Engineering; Dr. Harold S. Mickley of Chemical Engineering; and Drs. James C. Keck and Ascher H. Shapiro of Mechanical Engineering.

Judges stumped in selecting name for grille room

A student-faculty committee met Thursday to decide on a name for the new Student Center restaurant, but no results are available yet. With over 600 entries to screen, the judges were able to pick the "best four or five," but were left in a quandry as to the winning entry.

The Student Center Committee is planning to solicit more faculty opinion concerning these few best entries, before choosing the winner. This will be done during Thanksgiving, so the winner can hopefully be announced immediately following the vacation.

To the many people who took an interest and submitted the many entries received for the contest, we (the Student Center Committee and The Tech) wish to express our thanks for making the contest so successful. There were surprisingly few comic entries; for the most part people were seriously trying to win. Perhaps Voo Doo will print the few "off-beat" entries.

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We gather together

Thanksgiving means many different things to many people. To some, it brings to mind a crowded dinner table filled with traditional, mouth-watering delights. To others, it means watching and cheering for the home team in a traditional football rivalry.

To most, however, Thanksgiving is a day spent with family or friends in an atmosphere of warmth and good cheer, a day of

brotherhood among men, a day to reflect upon and be thankful for the good things of life.

At this time, we would like to thank all our customers and friends who have given the new Tech Coop such an immediate acceptance. From the Tech Coop family to the M.I.T. family, our best wishes for a happy and most meaningful Thanksgiving.



THE TECH COOP

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Hours of MIT libraries

Thanksgiving Vacation, 1965

Wednesday, Nov. 24	Humanities and Science	Regular Schedule
	Student Center	8 am-12 midnight
	Other Libraries	9 am-5 pm
Thursday, Nov. 25	All Libraries	Closed
Friday, Nov. 26	Humanities and Science	Regular Schedule
	Student Center	8 am-12 midnight
	Other Libraries	9 am-5 pm
Saturday, Nov. 27	Student Center	8 am-12 midnight
	Other Libraries	Regular Schedule
Sunday, Nov. 28	All Libraries	Regular Schedule

Area high school students to hear Professor Coons

The Public Relations Committee of the Unegraduate Association is sponsoring a lecture series to introduce high school students to new fields of science. The first lecture will be at 4 pm, Friday, December 10, in Room 26-100 and will be repeated the following morning at 11. Professor Steven A. Coons '32 of the Department of Mechanical Engineering will speak on "Computer-aided Design." The lecture will deal with the advantages and problems connected with the relationship of man to the computer. A film on graphical communications, the process by which man and the computer can design machinery in a fraction of the time formerly required, will supplement the lecture.

The second set of lectures will be presented at 4 pm Friday, April 1 and again at 11 am Saturday, April 2 by Professor Edward W. Merrill of the Department of Chemical Engineering. Professor Merrill will discuss "Biomedical Engineering: The Artificial Heart, Kidney, and Lung." For tickets and further information, write to Topics in Technology, MIT Undergraduate Association, Room W20-401, MIT.

Retired professor

Sherrill dies after long illness

By Mark Bolotin
Dr. Myles Standish Sherrill '99, professor emeritus of chemical engineering, died Friday, November 19 at the Holy Ghost Hospital in Cambridge. He had been ill since he suffered a stroke last spring. A memorial service will be held tomorrow at 3 pm in the chapel.

After graduating from MIT, Dr. Sherrill remained for a year as an assistant, then went to the University of Leipzig and the University of Breslau, where he received a PhD in physical chemistry in 1903.

Dr. Sherrill returned to MIT as an instructor, became an assistant

professor in 1907, an associate professor in 1912, and a professor in 1924. He retired from the faculty in 1944, but continued to teach until 1948.

He collaborated with Dr. Arthur A. Noyes in the development of a course in physical chemistry and on a book, "A Course of Study in Chemical Principles." He went on leave at various times to teach and do research at the University of California, California Institute of Technology, and Harvard University. During World War I Dr. Sherrill was a research chemist for the Ordnance Department of the Army at the Nixon Nitration Works, where he supervised a catalytic process for the manufacture of picric acid.

He was a Fellow of the American Academy of Arts and Sciences and the American Association for the Advancement of Sciences.

Who coined the term— Wiener, Plato, Bardos?

By Dan Asimov
Who was the real inventor of the word "cybernetics"? A letter by Panos D. Bardis, appearing in the November 12 issue of Science Magazine, suggests it was not the late Norbert Wiener.

Mr. Bardos says, "It was Plato who first employed the word 'cybernetics,' meaning 'the steersman's art.' In fact, the Athenian philosopher used the word quite frequently. In his 'Gorgias,' for instance, Socrates says to Galicles, 'I will speak to you about a greater art, that of cybernetics, which saves, not only souls, but also bodies and possessions, from the greatest dangers.'"

Seniors, grads receive 'Career 1966' booklets

Alpha Phi Omega is distributing 'Career 1966' in the lobby of Building 10.

The books are free to all seniors and graduate students. The new edition contains sections on resume writing, military obligations, and the U.S. Department of Labor's General Indication of Job Opportunities.

The book also includes a portfolio of companies particularly interested in MIT students.

Tau Beta Pi holds pledge meeting; 61 engineering students inducted

The Massachusetts Beta Chapter of Tau Beta Pi, engineering honorary, held its first pledge meeting Wednesday, November 10.

The Chapter's officers and the 61 pledges attended the meeting, held in the Stratton Building. Michael Crane '67 was elected this year's Honor Junior. The Woman's Badge went to Mrs. Betty McKenna, who is a senior in Civil Engineering.

The pledges are:

Joseph S. Baron '66, Peter E. Blankenship '66, F. K. Captain '66, Peter J. Catto '66, F. A. Centanni '66, Sunlin Chou '66, Richard Y. C. Chung '66, Harry S. Cohen '66, Morton J. Cowan '66, Michael Crane '67, Daniel F. Dedrick '66, Kenneth W. Dritz '66, Joseph W. Dickey '67, John R. Dingler '67, Paul F. Eckstein '66, John J. Elder '66, Yucel Ercan '66, E. E. Fitzpatrick '66, Melvin S. Garelick '66, Richard H. Greischar '66, Felipe Herba '66, Alan R. Hirsch '66, Arthur L. Immerman '66, James R. Johnson '66, Hans C. Juvkam-Wold '67, Kenneth K. Kaiser '66, Martin E. Kaliski '66, Paul L. Kebabian '66, Lawrence A. King '66, Michael D. Kinkead '66, John Kolliniatis '66, Martin

J. Krone '66, Jamshed K. Madan '67, Michael H. Marx '66, B.F.X. Mathaisel '66, David K. Maxwell '66, Mrs. Betty McKenna '66, Juan M. Meyer '66, Amir A. Naqvi '66, David W. Nicholson '66, Howard W. Nicholson Jr. '66, Ronald B. Perlman '66, Robert S. Pindyck '66, Allan E. Post '66, Richard A. Radecki, Harold S. Rosenquist, Paul F. Salipante Jr. '66, Harvey C. Schorr '66, Ronald K. Scudder '66, Charles D. Sigwart '65, Marvin A. Sirbu Jr. '66, W.F. Sommerfeld Jr. '66, John M. Steele '66, Wayne P. Stevens '66, David J. Taylor '66, Michael J. Ward '66, James A. Weigl '66, Edward C. Wert '66, Peter L. Wessel '66, Robert F. Wiley '66.

Chirurg Fellowship offered in advertising at Harvard

For the 14th consecutive year, Chirurg and Cairns, Inc. is sponsoring the James Thomas Chirurg Advertising Fellowship at the Harvard Graduate School of Business Administration. The \$1500 international fellowship grant will be awarded to an "outstanding student" desirous of entering in the fall of 1966 the Harvard Business School program leading to a degree of Master in Business Administration and planning a career in advertising.

Interested persons should submit applications for both admission to the Harvard Business School and the Chirurg Fellowship prior to February 1, 1966. Final selection of 1966-67 Chirurg Fellow will be made with the assistance of the Advertising Club of Boston. Additional information may be obtained by writing to the Admission Board, Harvard Business School, Soldiers Field Road, Boston, Mass. 02163.

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Night courses given at Cambridge Ctr.

Registration for classes opens Monday, November 29, at the Cambridge Center for Adult Education. Winter term classes begin January 3 and continue for ten weeks. Numerous language and craft courses will be offered.

For further information, write to the Cambridge Center, 42 Brattle St., Cambridge, or call KI 7-6789.

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Mid - terms - - halfway there

Every year, around this time, we are startled by the sudden realization that the term is half over. The time has gone so fast, yet September seems so long ago. The moment makes us stop and think of what we've done so far and what we'll be doing.

Freshmen and upperclassmen alike hit an academic "crisis" about now; some subjects are going well, others not so well, others poorly. Some sophomores like their courses, others are dissatisfied. The grad school-job application rush is hitting

the seniors. And where is it all headed?

This is a good time to see advisors again, to check on progress, to evaluate performance, and to drop courses if necessary. It's time for some resolutions: to hit that tough subject extra hard; to finish that term paper now, to catch up on those labs. And it's time to say, We've run the race well so far, no time to start coasting now.

Extracurricular life also deserves a good look. How's the pledging program coming; are you in the right living group for you? What are you going to get out of a fraternity; what are you going to contribute? How about you dorm residents, too?

Many activities will be having elections in January or February; who will be the new chairmen, the new business managers, the new editors? Will you be one of them? Can you afford the time? What new talent can you bring to the job? Can you keep up a sport, too?

Are you really a member of the community? Whom do you know outside your hall, your house, or your apartment? Do you care?

At mid-term, everyone has enough experience behind him to see where he is going, and enough time left to change his direction. There are many opportunities opening about this time of year; the people who have taken a moment to wake up and look around them can take advantage of the situation.

Too many people make their final decisions for the term in September; the result is a certain percent of failures, a certain number of depledgings, a last-minute search for activities board members, a sudden realization of general dissatisfaction. Sometimes these people just don't think more than twice a year; or, again, they are reluctant to "waste" half a term.

We urge people to reassess now, to make changes, to look for opportunities that may not have existed in September. This shouldn't be "coasting month"—it should be refueling time. The year is just beginning to bear fruit; make the most of the harvest, while it lasts.



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Front page photo of the front of Baker House taken by Art Kalotkin.

Letters to The Tech

Blackout

To the Editor:

Through the medium of your columns, I should like to make note of the really fine way that MIT students reacted to the emergency caused by the recent power blackout. In ways too numerous to mention here, they responded spontaneously, responsibly and most helpfully. This experience should serve to underscore our pride and confidence in the MIT student body.

Philip A. Stoddard
 Vice President,
 Operations and Personnel

Registrar's Report

To The Editor:

The Tech's recent summary of the 1965 Registrar's Report omits one set of vital statistics. It fails to mention that, among the 3,112 students in the School of Engineering, 235 were enrolled in Course III, offered by the Department of Metallurgy.

While the Department of Metallurgy is not large compared with some MIT departments, it is the most significant department of metallurgy in the world, with respect to two important gauges of quality, viz, the number of faculty (32) and the number of doctorate degrees awarded each year (28 in 1965). It may be worth noting that only the Departments of

Electrical Engineering, Chemistry, and Physics awarded more doctorates. These figures are taken from the Registrar's Report which also contains the interesting information that the number of academic staff in Metallurgy (including research assistants) is 161, making it, on this basis, the third largest department in the School of Engineering.

In this age of preoccupation with the materials which make technological advance possible, you will pardon us if we resist statistical elimination.

Thomas B. King
 Head of Department

To the Editor:

Although the Department of City and Regional Planning likes to be mentioned in The Tech, we are not newsworthy for being "recently created" (November 10, page 3). We have been a department for over 25 years. Perhaps your reporter meant to refer to our doctoral program (as a reason for expanding Rotch Library); that is only seven years old.

John T. Howard
 Head of Department

Vietnam poll

To the Editor:

The last issue of The Tech managed to obscure and cleverly conceal the results of the poll made by the Science Fiction Society.

We should like to clarify the impression which may have been given that something less than a substantial majority approved of the American stance in Vietnam.

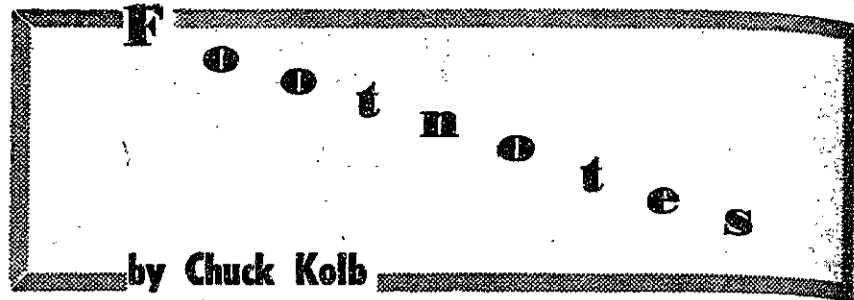
To use the figures released for undergraduates, 788 completely disapproved and 99 more partially disapproved of withdrawing while a total of 172 approved or partially approved of it. Using the same analysis, a total of 732 approved of present US policy while 287 disapproved. For the case of a larger US role, we find 579 in favor to 349 opposed.

We may conclude that a substantial majority favor an increased role, even more favor the present policies and a "vast" majority (887-172) oppose withdrawal.

The term "vast majority" is a term of ill repute around the Institute. Thus, at this time we must apologize for using that term in an earlier telegram to President Johnson and subsequent letter to The Tech for we had no "formal" evidence.

For those not aware of the status of activities here at MIT, we are, quite properly, a "recognized" activity given the privilege of using certain Institute facilities and therefore the opinions we express do not necessarily represent in any way an approved policy of MIT.

Richard Cunningham
 Chairman, MIT Committee
 for Victory in Vietnam.



103. The Coop issued its best City and Regional Planning (Course IV-B) into separate courses. If the two departments are separated, City and Regional Planning could pick up the empty Course XI designation. 105. The best example we've seen in the 'The Wexler Construction Company Stinks' department is the case of the gun-ports on either side of the stairwell between the main entrance and the mezzanine floor. Of the 16 slits (eight on each side), one, the sixth on the left going up, was cast upside down. 106. After being advised that a certain literary group on campus had displayed great disdain and contempt for the men of Physical Plant in their latest issued monthly periodical, Jerome Barraford, Superintendent of Power and Utilities, struck back. "Students should have the chance to poke fun at things like this," stated Mr. Barraford, "but we'll have our chance for a comeback."

Some highlights: Despite the fact that the Registrar only lists about thirty-seven hundred undergraduates, the Technology Store had 4112 undergraduate members last year; some sales members last year; some sales members last year; some sales members last year. The Coop will pay for its space in the Student Center with a percentage of its net sales at the Tech store; estimated take for the Institute will be \$50,000 per year. The Coop has a 20 year lease on its new location.

104. The Institute might soon fill the last empty slot in the course number sequence. It's rumored that the faculty will soon vote on whether or not to separate the Departments of Architecture (Course IV-A) and

Kibitzer

By Mark Bolotin

North
 ♠ K 6 2
 ♥ K 10 9 7
 ♦ 10 6 4 2
 ♣ 10 5

West

♠ 3
 ♥ Q 6 5 3
 ♦ A K J 8 5
 ♣ 9 8 7

East

♠ 9 8 7 4
 ♥ 8
 ♦ Q 9 7
 ♣ Q J 6 4 2

South
 ♠ A Q J 10 5
 ♥ A J 4 2
 ♦ 3
 ♣ A K 3

Bidding:

South	West	North	East
1♠	pass	2♠	pass
2NT	pass	3♠	pass
3♥	pass	4♠	pass
6♠	pass	pass	pass

Opening lead: King of diamonds

Today's discussion deals not with the play of the hand, but with bidding and the importance of realizing the value of a good fit and the right high cards.

The bidding, as it occurred, involved the use of Ewen game tries. The bid of two no trump required a response of three clubs. The bid of three hearts showed a second suit and invited game with a heart fit or extra values. Since South had planned on bidding four spades over a

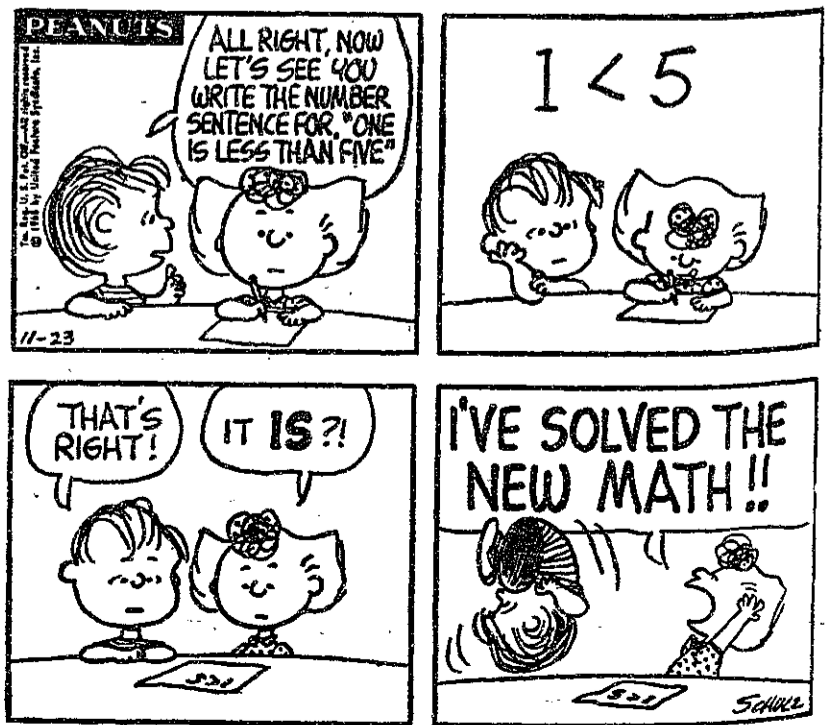
three spade response, he felt that a heart fit would enable a play for slam. When North showed the fit South was able to bid six with some confidence.

However, finding the slam does not require the use of elaborate conventions. As long as South realizes that North's two spade response does not rule out the possibility of a slam, he should be able to reach the slam. If South bids three hearts over two spades, North should realize that his points are golden and should respond four hearts. The four heart bid should be enough for South to bid six spades.

On the other hand, if South is unable to foresee the possibility of slam and merely bids four spades over two spades, there is no way to find the good fit.

South ruffed the second round of diamonds, then cashed the Ace of trumps. He continued with Ace-King of clubs and a club ruffed high. Trumps were pulled; the Ace of hearts was cashed; and the heart finesse was successfully taken.

While the contract has a 50% chance of making, it is slightly dangerous, because bad breaks can cause a set of three or four tricks.



IFC blood drive receives record amount for Hemophilia Association

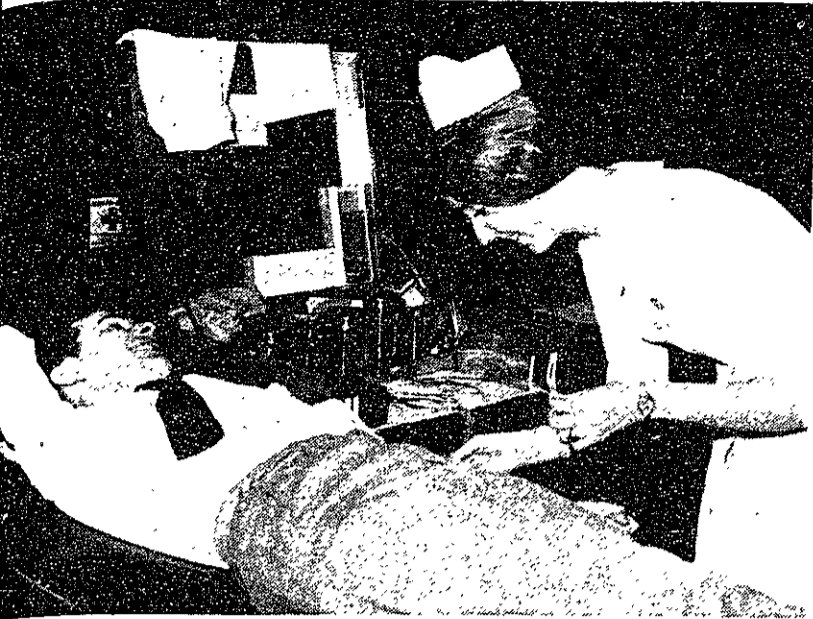


Photo by Jim Robertson

Ellis E. Eves 2nd, '68, cheerfully donates blood to IFC blood drive conducted last Thursday. The Red Cross collected the blood which will be used by the New England Hemophilia Association.

By Steve Swibel
A record number of blood donors for the IFC's annual blood drive made the 1965 quest for the most successful in the IFC's history. Last year 229 pints of blood were donated; this year 300 donors appeared. The Red Cross Blood-Mobile unit set up at the Sala de Puerto Rico to collect the blood donated by IFC donors. The blood is destined for use by the New England Hemophilia Association. At the Sala de Puerto Rico the Red Cross assembled an efficient assembly line organization. The entire process required approximately one hour for each donor. Volunteers were first asked if they had ever given blood before, and those under 21 were checked

for parental permission. After his temperature was taken, each donor was required to fill out a short medical history card. The pulse and blood pressure were checked. After a test for anemic blood, donors were given a small cup of water and asked to lie down on beds provided. The blood was then drawn. Following the donation, donors were requested to remain at a makeshift canteen for at least 15 minutes, time enough to permit the body to recover from the loss of a pint of blood. The Red Cross assured all donors that the entire process is painless. Nevertheless, one conspicuous innovation evident this year was the presence of a priest.

Tech sparks city

Blackout disrupts study, tests system

By John Blankinship

In retrospect, there is much to be thankful for in face of the massive power failure on November 9. For most members of the MIT community, the blackout meant little more than a brief flurry of excitement, and then that "little to do" period of patient wait.

On the brink of what could have become a major crisis, Leo Caplice, business manager of the Medical Department, believes that "Everyone can be thankful this wasn't coupled with another disaster." Lt. Olivieri of the Campus Patrol commends the students on behavior that was "very cooperative, very quiet." As remarked by Jerome Barraford, superintendent of power and utilities at the Physical Plant, "It is good for the institute to look at this from its own standpoint."

The blackout thrust the Institute without warning into the sudden use of its emergency power facilities. Though we fared well in most respects, a few inadequacies and mishaps did crop up during the five hour interim of darkness. It is hoped that the Institute can profit from this emergency and eliminate these shortcomings, should such an accident recur in the future.

Electricians work hard

While students everywhere mused over their first real excuse to stop studying, electricians at Physical Plant worked feverishly into the night to restore power to the institute and the city of Cambridge. Seconds after the loss of power at 5:21 pm, a diesel generator in Physical Plant automatically began to generate power for corridor lights and certain elevators in Tech's main buildings. Hence, while most students were still in the process of tuning in their transistor radios, Physical Plant was already generating 125 kilowatts of power.

The emergency diesel generator remained on for the duration of the blackout, providing lighted halls and exits for people to get out of the buildings. Mr. Barraford praised the generator as "essential to the people's safety." Initially, MIT residents were even graced with the dignity of having a lighted Great Dome shining into their darkened rooms. However, as additional loads drew more and

more current from the generator, it became necessary to turn off the Dome lights.

Generate Power

Once the nature of the power failure had been determined, Physical Plant attended to the business of generating its own electric power. Its facilities include a system of steam-driven generators, capable of generating 2300 volts of electricity at 700 kilowatts of power. Shortly after the beginning of the blackout, Cambridge Electric called Physical Plant, and asked for enough power to "provide the spark" for their larger generators.

As explained by Mr. Barraford, a decision was now necessary: should Physical Plant generate power primarily for the Institute, or for Cambridge Electric, which would in turn restore power to the Institute and all of Cambridge? The request of Cambridge Electric was granted. By 6:45, generators in Physical Plant were in operation. Shortly after 7 pm, a feeder system was directing power into Cambridge Electric. By 8 pm, the first lights in the Institute began to reappear. As later expressed in words of gratitude from Cambridge Electric, the MIT Physical Plant provided probably the quickest means of re-establishing their electric power. According to Mr. Barraford, "the decision was best for both MIT and Cambridge."

Gradual Increase

During the next three hours, loads were gradually added through a complex system of feeder lines. The first building to receive power was, of course, Physical Plant in Building E-19. By 11:10 pm, power had been restored to all sections of the Institute. During the three hours of restoration, a direct phone line was maintained between Physical Plant and Cambridge Electric, for the purpose of keeping each other informed of varying power and load conditions.

Boston Edison re-established its power independently of Cambridge Electric. Edison was assisted by northern power lines, probably from Vermont.

Students Study, Sleep

For the most part, the MIT community took the blackout well in stride. Having little to do but think about how each of 30 million other people were posed in the same ridiculous situation, many dormitory students gathered in groups under battery-operated emergency lights and listened to transistor radios. Others, who had some pressing 6.01 problem sets to finish, managed to get some studying done under emergency lighting, such as that provided in Burton House Dining Hall.

And there were others who decided that the only useful thing to do was to sleep away the blackout. They were usually awakened some three hours later by a roomful of lights and radios, and by a chorus of hysterical howling out in the halls.

Campus Patrol Aided

Still other students decided to offer their services to the Campus

Patrol. Lt. Olivieri reports that several student and faculty members were checking elevators for trapped riders, and that a few students rode around with a patrol cruiser. As could have been expected, the situation in the Campus Patrol Office in Building 20 was initially one of chaos. Phones of all sorts began to ring at once.

The central switchboard in room 10-285 was temporarily flooded, and outside calls were discontinued for a few hours. According to Lt. Olivieri, "For us, it was confusion in the first hour. There wasn't too much action, except for phone calls. It wasn't too bad for us, but it was a terrible thing for the electricians and plumbers."

Big Birthday Party?

Of course, what afforded the most interesting consequences were those first few hasty interpretations of what exactly was going on. Burton House diners quickly determined that it must have been someone's birthday, when the dining staff began to carry candles in.

The entire assembly broke into a healthy chorus of "Happy Birthday." The mysterious birthday party readily came to a close, however, when two hundred eyes turned to the infamous Heinz 57 sign, and wondered if perhaps it had seen its last days.

McCormick Closed

McCormick Hall was closed to everyone but residents. As pointed out by Lt. Olivieri, "We did not want an unnecessary influx of visitors during the dark, which could result in people getting hurt." He denied any suspicion of a party raid on McCormick.

Most reports of inadequate emergency power facilities have been accounts of either insufficient lighting or the lack of small emergency generators in critical locations. Almost immediately after the lights had made their last flicker, the Campus Patrol was notified that Prof. Ippen of civil engineering had taken a fall in Building 12.

Aid was immediate, and fortunately, at the time there was still a surgeon in the infirmary to care for the professor before he was taken to a hospital. He sustained a broken left shoulder. An investigation has revealed that there was inadequate lighting in several locations throughout Buildings 12 and 24. Safety engineers at Physical Plant are now investigating emergency lighting facilities throughout the Institute.

Suggestions For Future

Mr. Caplice suggests that a small generator be made readily available for the infirmary elevator. He shudders to think of what would have happened had a patient been trapped within the elevator, because there would have been no way of getting him out. Fortunately, no one was trapped, but a small generator, powerful enough to lower the elevator to the ground floor, would prevent a circumstance such as this from ever occurring.

The effects of the blackout on power-dependent institute activi-

(Please turn to Page 10)

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Talking Rock

By Don Davis

There has been some controversy as to whether the Bob Dylan tune 'Positively 4th Street' is actually the tune which he intended it to be. The reason for this mixup is two-fold. First, 17,000 copies of an unknown Dylan composition were misreleased in California under the title 'Positively 4th Street.' This tune achieved some degree of success there, but the error was discovered and corrected before it spread across the nation. The disc played here is the one which Dylan meant to be called 'Positively 4th Street.'

The second reason is that 4th Street is nowhere mentioned in the song. The title does, however, have a direct relation to the context of the record. Dylan spent several years prior to his rise to fame on 4th Street, one of the poorer areas of Greenwich Village. When he aspired to national stardom, his neighbors scoffed at him ("When I was down you just stood there grinning"). Now that he is at the top, they are pre-wardly they are filled with jealous hate ("You say 'How are you? Good luck,' but you don't mean it.")

The 4th St. residents are claim-

ing him as one of their own ("You just want to be on the side that's winning"), but he no longer wants to be associated with them ("Do you take me for such a fool to think that I'd make contact with the one who tries to hide what he don't know to begin with"). Thus the title simply indicates that the song is directed at the 4th Street residents, and in this context the meaning of the words becomes clear.

The Supremes' 'I Hear a Symphony' has achieved the number one position nationally atop Billboard's Hot 100 chart. This marks the sixth Supremes tune which has reached the vaunted position, following 'Where Did Our Love Go,' 'Baby Love,' 'Come See About Me,' 'Stop in the Name of Love,' and 'Back in my Arms Again.' The only artists having more number one records since 1945 are Elvin Presley with 17 and the Beatles with eleven. Perry Como follows with five. The Motown trio can certainly claim the best percentage with six for eight, having missed only with 'When the Lovelight Starts Shining Through his Eyes' and 'Nothing but Heartaches.'

John Oliver Chorale concert rescheduled due to power failure

Because of the power failure on November 9, the John Oliver Chorale concert has been rescheduled for tonight, November 23, at 8:30 p.m. in Jordan Hall, 30 Gainsborough Street, Boston. No tickets are required. Music of Distler, Bach, Brahms, Ravel, and

Britten will be performed. The John Oliver Chorale, composed of 28 singers from the Greater Boston area, was formed in 1962, and has performed extensively throughout Eastern Massachusetts. Mr. Oliver, a graduate of the University of Notre Dame and currently associated with the New England Conservatory of Music, has studied conducting with Lorna Cooke deVaron, voice with Gladys Miller, and composition with G. Carl Hager, head of the Music Faculty of the University of Notre Dame. Recently he joined the MIT faculty as assistant conductor of the Glee Club and Choral Society. As Music Director of Sacred Heart Parish, Roslindale, Mr. Oliver has prepared the Sacred Heart Boy Choir for Brich Leinsdorf's performance and recording of Berg's 'Wozzeck.'

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Congratulations for a fine show

'THE YEOMEN OF THE GUARD,' or **'THE MERRY MAN AND HIS MAID,'** by Gilbert and Sullivan; directed by Steven N. Gilborn and Nancy-Ellen Fitch; music directed by John M. Rainier; set designed by Bruce K. West; cast: Ellen Stevens as Phoebe, Henry Goldberg as Wilfred, Herb Meilly as Sergeant Meryll, Martha Reardon as Dame Carruthers, Matt Lind as Leonard Meryll, Norm Rubin as Colonel Fairfax, Richard P. Rudy as Lt. Choinondely, June Cooperstein as Elsie, Ron Mallis as Jack Point, William Zimmerman as the Headman, and Claire Thompson as Kate; presented in Kresge Auditorium by the MIT Gilbert and Sullivan Society.

By Jeff Sathover

Gilbert and Sullivan have written many outstanding operas, among them 'The Yeomen of the Guard.' Gilbert and Sullivan are particularly difficult to stage because of the music as well as the usually complicated plots. The MIT group which produced this opera Friday and Saturday night did a superb job.

The story involves one Colonel Fairfax who is due to be beheaded. He is saved from this fate, however, when he pretends to be the son of the Chief of the Guard, Sergeant Meryll. Phoebe, the Sergeant's daughter, falls in love with the Colonel, and aids him in his disguise.

A travelling jester and his girl come to town. A friend of the Colonel discovers that he can foil the plans for financial gain which the person who has accused the Colonel of sorcery has made. In order to do this, the Colonel must marry before he dies, so, his friend convinces the Jester's girl, Elsie, to marry the Colonel, under the condition that her new husband will die within the hour. He of course, doesn't die. Eventually, things work out. Al-



Photo by Jim Robertson

'I will make you the best jester alive,' claims Jack Point to the lovelorn jailer. 'You shall sample my original humor... and (picking up the book by Wilfred's left knee) I might even reveal to you the source of my pretty wit.'

most. The success of the opera, as written, was reflected in the way that the MIT Gilbert and Sullivan Society carried out the unraveling of the plot.

Phoebe, played by Ellen Stevens, did a fine job. Her crystal voice carried beautifully throughout the performance, and her dramatic action was superb. Wilfred, the town jailer and would-be suitor of Phoebe, gave a hilarious performance. Henry Goldberg, who played the part of Jack Point, was able to bring out the humor of his character without overacting. A difficult job, to say the least, for a Gilbert and Sullivan show.

Dame Carruthers, played by Martha Reardon, was a little stiff and unnatural in the first act, but her acting and singing picked up considerably in the second. Her proposal scene with Herb Meilly, the Sergeant, was one of the high points of the opera.

The voice of June Cooperstein, as Elsie, was one of the finest performances I have heard. She performed flawlessly throughout, and her acting was perfect.

The Jester, Ron Mallis, gave an excellent, but curiously funny characterization for his part. At times, he was strictly perfect, at times, an element of pathos entered in, unnecessarily.

Far and away, the greatest job was done by Norm Rubin as the Colonel. He carried his voice parts flawlessly, and held the audience unwaveringly throughout. His acting was perfect, and his characterization no less. All in all, he gave a quite dazzling performance.

The entire show was well produced, the sets were beautiful, the makeup brilliant, and the singing terrific. Perhaps the only flaw was the orchestration, which was certainly not up to the par of the rest of the show. The performance was professional in quality, and made for one of the most enjoyable theatre engagements I have attended. A hearty congratulations to the cast and crew of 'The Yeomen of the Guard.'



Photo by Jim Robertson

'If I were thy wife,' croons Phoebe as she plays for time. The key she is after hangs at Wilfred's belt.



Photo by Jim Robertson

Dame Carruthers nearly swoons as Sergeant Meryll blurts out his proposal. If you can't beat 'em...

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Movies and theatres

Astor—'Bunny Lake is Missing,' 9:30, 11:30, 1:30, 3:30, 5:30, 7:30, 9:30.
Beacon Hill—'Situation Hopeless, but not Serious,' 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00.
Boston Cinerama—'The Hallelujah Trail,' Wed. at 2:00 pm; Sat., Sun. and hol. at 1:30 and 5:00 pm.; eve. at 8:30.
BRATTLE—'Zero for Conduct' and 'L'Atalante,' 5:10, 7:30, 9:50, Sun. Sat. matinee 2:45.
Capri—'Bamboli,' 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00.
Center—'Doctor Goldfoot' and 'Bikini Machine.'
Cinema Kenmore Square—'Ropulsion' 4:35, 3:35, 5:35, 7:35, 9:35.
Exeter—'The Eleanor Roosevelt Story,' 4:25, 5:55, 7:45, 9:35.
Esquire—'Zorba the Greek,' 3:30, 5:30, 7:30, 9:30.
Fine Arts—'The World of Asia,' 5:15, 8:45, and 'Yojimbo,' 3:15, 7:00, 10:00.
Gary—'Sound of Music,' eve. at 8:30; Sun. at 7:30; daily matinee at 2:00.
Harvard Square—'What's New, Pussycat?' 2:15, 8:00, 9:45; and 'Operation Snafu,' 4:10, 8:00.
Loew's Orpheum—'Warrior,' and 'Mayflower—'Harum Scarum' and 'Glory Guys'.
Paramount—'King Rat,' 6:05, 9:05.
Paris Cinema—'The Knack and How to Get It,' 1:35, 3:00, 4:45, 6:30, 8:15, 10:00.
Park Square Cinema—'Red Desert,' 1:30, 3:30, 5:30, 7:30, 9:30.
Savoy—'Cincinnati Kid,' 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00.
Saxon—'The Agony and the Ecstasy,' eve. 8:30; Sun. 7:30; mat. 2:00 pm. Wed., Sat., Sun. and holidays.
Symphony Cinema—'Topkapı,' 4:40, 8:25, and 'Never on Sunday,' 6:40, 10:15.
Uptown—'Marnie' and 'Harum Scarum' 11:00, 12:40, 2:35, 4:30, 6:10, 7:50, 9:50.
West End Cinema—'It's a Mad, Mad, Mad, Mad World.'

THEATRES
Charles—'Poor Bitos,' Tues. thru Fri. 8:30; Sat. 5:30, 9:00; Sun. 7:30.
Shubert—'La Crosse Valise,' Mon. thru Sat. 8:30; Wed. mat. 2:15; Sat. mat. 1:30.
Theatre Co. of Boston—'Yes is for a Very Young Man,' Tues. thru Fri. 8:30; Sat. 8:00, 9:30; Sun. 5:00, 8:30.

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movies . . .

'Bamboli': a medley of romances

By Mona Dickson

The Italians have done it again, this time with a quartet of sex shorts featuring their four most popular femmes decollete: Verna Lisi, Elke Sommer, Monica Vitti and Gina Lollobrigida. Unfortunately, this sort of popularity does not necessarily come from talent, but what Italian director cannot overcome that minor obstacle?

Case in point is the first of the 'Bamboli' skits. One might call it an expose of married life, if one had absolutely no sense of humor. Imagine a young husband who knows it's only afternoon, but he's in the mood, and just as his wife finishes her book and deigns to notice him, his mother-in-law calls. The plot solves a big direction problem immediately. Verna Lisi acts best when she is saying nothing, and the telephone gives her the opportunity to talk nonsense ad infinitum, and to strike some interesting poses in the bargain. It also gives her co-star the chance to give a beautiful deadpan performance. His name is Nino something; I ignored the screen titles, not expecting him to be a la Cantinflas. His attempts to get his wife off the phone and interested in other matters constitute the funniest skit of the film.

As a northern European looking for the eugenically perfect Italian to sire her son (marriage is for slaves; she wants her freedom, too), Elke Sommer seems to be depicting what Italians think is the typical Scandinavian. Do they

'BAMBOLI': 'The Telephone Call,' directed by Franco Rossi, starring Verna Lisi; 'A Treatise on Eugenics,' directed by Luigi Comenani, starring Elke Sommer; 'The Soup,' directed by Franco Rossi, starring Monica Vitti; 'Monsignor Cupid,' directed by Mario Benilli, starring Gina Lollobrigida; at the Capri Theatre

really think love and persistence in the guise of an almost-ugly chauffeur can save a girl raised with the freedom traditionally given only to men from her own misconceptions? How naive; but then the entire plot is unbelievable.

'The Soup' is by far the least entertaining of the stories. Monica Vitti plays the young wife of a dirt-poor, obnoxious drunk. She wants out and is willing to pay anyone to kill him. Despite the fact that the husband has no redeeming characteristics, it is difficult to sympathize with the wife. She is so totally different from any familiar type of person, her lines are so poorly done, her character is so over-acted that she makes the entire story a travesty. The only entertaining part of the story is an omnipresent ballad singer, whose song details the

plot so thoroughly that the acting becomes superficial.

'Monsignor Cupid' is the modern rendition of an enchanting little tale in Boccaccio's 'Decameron.' During the Ecumenical Council a certain Roman hotel is packed with clergy, among them a Monsignor whose heart is warm even though he is a crusty, crochety, sot-in-his-ways old uncle of our hero, the innocent 'monastery-raised to be the Monsignor's secretary' young man. Enter one manager's wife who takes one look and wants. She has one problem: he has yet to figure out what women are for. The problem is solved through the unsuspecting Monsignor with a subtlety typical of Boccaccio.

How old is Gina? It is hard to tell. She manages very well not to look ridiculous making love to a youngster. In fact, her entire performance is better than expected. Even for a series, 'Bamboli' is discontinuous, but this does not detract from the parts. Direction is continuously good, photography surprisingly simple. But if you can't laugh at sex, don't go.

Leinsdorf conducts Boston Symphony Orchestra in three concerts this week at Symphony Hall

The Boston Symphony Orchestra, Erich Leinsdorf, Music Director, will be heard in three concerts this week: the third concert of the Tuesday "B" Series, to-

night at 7:30, and the eighth pair of weekend concerts Friday (Nov. 26) at 2 and Saturday, Nov. 27) at 8:30.

John Browning, pianist, will conclude his current Boston engagement with the Orchestra at this evening's concert, playing the Prokofiev Piano Concerto No. 1. Mr. Leinsdorf will open the program with Schubert's Symphony No. 5 and will conclude it with the Brahms Symphony No. 1.

At the Friday and Saturday concerts Mr. Leinsdorf will begin with two works by Mozart: the First Entr'acte from 'Thamos, King of Egypt,' K. 345, and the original version of the Symphony No. 31, K. 297. The program will continue with Hindemith's Concerto for Woodwinds, Harp and Orchestra, in which the solo parts will be played by Doriot Anthony Dwyer, principal flute; Gino Cioffi, principal clarinet; Ralph Gomberg, principal oboe; Sherman Wait, principal bassoon; and Bernard Zighera, principal harp. After the intermission Mr. Leinsdorf will conduct Irving Fine's 'Serious Song' and conclude with Carl Nielsen's Symphony No. 6.

'Twentieth Century Engineering' subject of Hayden Gallery exhibit

'Twentieth Century Engineering,' a collection of enlarged photographs and plans of 148 projects in 28 countries will be shown at the Hayden Gallery during the remainder of November. Assembled by the Museum of Modern Art in New York, the exhibition of "engineering masterpieces" is traveling the United States.

The show includes sections on dams, earthworks, bridges, roads, tunnels, towers, antennas, and buildings. Twenty-seven of the projects, selected for their beauty, historic interest, or monumental scale, are shown in the larger photographs; all 148 projects are shown in detail, including plans, sections or elevations; and the accompanying text contains necessary data and explains each project's function and importance.

Arthur Drexler, director of the Museum's Department of Architecture and Design, selected the subjects for the exhibition and wrote the introduction to the text. 'Engineering is among the most

rewarding of the arts, not only because it produces individual masterpieces, but also because it is an art grounded in social responsibility, he wrote. 'Engineering as an art affords us such individual characteristics as the aristocratic elegance and restraint of Robert Maillart, the extravagant playfulness of Felix Candela, the expressive rhetoric of Pier Luigi Nervi; and the ethereal pragmatism of Buckminster Fuller.'

This show of engineering as art and architecture may be seen at the gallery, Hayden Library Building, from 10 am to 5 pm, weekdays and 1 pm to 5 pm Saturday and Sunday.

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Making the Scene

MUSIC
Boston Symphony Orchestra—Erich Leinsdorf conducting; Nov. 23, 7:30; Symphony Hall; program: Schubert's Symphony No. 5, Prokofiev's Piano Concerto No. 1 (John Browning, soloist), and Brahms' Symphony No. 1.
The John Oliver Chorale—Nov. 23, 8:30; Jordan Hall; admission free; works by Dittler, Bach, Brahms, Ravel, and Britten.

Gardner Museum—Dramatic soprano, Mary Nash, and Reginald Boardman, piano; Nov. 23, 3:00 pm; admission free. Program: Schubert, 'Moth,' 'An die Leier,' 'Lachen und Weinen,' and 'Der Unerwartete Ruckmanndorf.'
'The Lilies', Op. 21, No. 5, 'Books of Spring,' Op. 14, No. 11; R. Boardman, 'Oryin Holy,' and 'O! What a Song!'

New England Conservatory—Program of piano music by students of Millicent Schwab; works by Brahms, Chopin, Ravel, Liszt, Bartok, and Henry Mollwoone Nov. 24, 8:30 p.m.; Jordan Hall; admission free.

Boston Symphony Orchestra—Erich Leinsdorf, conducting; Nov. 26, 2 pm; & Nov. 27, 8:30 pm; Symphony Hall; Program: Mozart, First Entr'acte from 'Thamos King of Egypt,' K. 345 and Symphony No. 31, K. 297; Hindemith, Concerto for Woodwinds, Harp, and Orchestra; Fine, 'Serious Song'; and Nielsen, Symphony No. 6.

Gardner Museum—Alicia Q. Horth, soprano; Jane Simms, mezzo-soprano; Richard T. Burke, tenor; William Attaya, baritone; and John S. Oliver, piano; Nov. 27, 3 pm; admission free; program: Purcell, 'Sound the Trumpet,' 'Lest it be my Quite'; Mozart 'The Notturri,' and Brahms' Opus 92.

Gardner Museum—Cello, Jules Eskin, and piano, Virginia Rubottom; Beethoven, Sonata Op. 5, No. 2, and Brahms, Sonata Op. 99, Nov. 23, 8:00 pm; admission free.

LECTURES
Cambridge Center for Adult Education—Antonio Ruiz-Salvador, 'Spain—the Country and Her People' (in Spanish) Nov. 23, 8:30 p.m.; 42 Brattle St., Cambridge; \$9.00. Coffee at 8:15.

Ford Hall Forum—Dr. Henry A. Kissinger, 'A New Approach to International Relations,' Nov. 28, 8 p.m.; Jordan Hall; admission free

Cambridge Center for Adult Education—Priscilla Sawyer Lord, discussion and demonstration on 'Traditions of the Christmas Tree,' Nov. 30, 8:30; 42 Brattle St., Cambridge; \$9.00. Coffee at 8:15.

Institute of Contemporary Art—Allan Kaprow, 'Form: Value and Myth,' Nov. 29, 8:00 pm; New England Life Hall; admission \$1.50.

NEXT WEEK
MUSIC
Dormitory Council Concert—Dave Brubeck; Dec. 3, 8:30 pm; Kresge Auditorium.
MIT Symphony Orchestra—Dec. 4, 8:30 pm; Kresge Auditorium; tickets free in advance to MIT community in Bldg. 10, \$1.00 at the door.
Folklore Series—Narciso Yepes, with his 10-string guitar; Dec. 4; Jordan Hall; HU 2-1827.
MIT Choral Society—Concert with the

S	M	T	W	T	F	S
		23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8			

Cambridge Festival Orchestra, Klaus Liepmann conducting; Dec. 5, 8:30 pm; Kresge; tickets \$1.50, \$2.50; program: 'Gaudiamus,' by Ernst Levy, Mozart's 'Vesperae Solennes,' and Stravinsky's 'Mass.'

Chapel Organ Series—Anthony Newman, St. Gabriel's Monastery, Brighton; Dec. 5, 3:00 pm; MIT Chapel; admission free.

Boston Symphony Organ Series—E. Power Biggs; Dec. 5, 6:00 pm; seats unreserved for \$1.50; Symphony Hall.

Glass Harp Recital—Bruno Hoffmann; Dec. 6, 8:30 pm; Kresge Auditorium; tickets \$1.50.

THEATRE
Brandeis—Springold Memorial Theatre opening its premier season of events: 'Volpone,' by Ben Johnson; Dec. 2-5, 7:13, 8:30 pm; tickets \$2.00; TW 4-6000, x 400 for reservations.

Wellesley College Theatre—The Night of the Iguana, by Tennessee Williams; Dec. 3 and 4, 8 pm; alumnae Hall. Admission charged.

Dramashop—'You Can't Take It With You,' by Moss Hart and George S. Kaufman; Dec. 8-11, 8:30 pm; Kresge Little Theatre.

LECTURES
Ford Hall Forum—Louis Fischer, 'Red China and Red Russia, Ideological Warfare'; Dec. 5, 8:00 pm; Jordan Hall; admission free.

Humanities Department—Rolfe Humphreys conducts a reading and discussion of his own poetry; Dec. 7, 8:30 pm; Hayden Library Lounge; admission free.

Wellesley—Speech by Mrs. Chiang Kai-Shek (open to Wellesley students, alumnae, and their guests); Dec. 7, 8:00 pm; Alumnae Hall.

Institute of Contemporary Art—Allan Kaprow, 'Subject Matter: Popular Subjects, Pop Subjects, Possible Subjects'; Dec. 6, 8:00 pm; New England Life Hall; admission \$1.50.

MISCELLANEOUS
LSC—'The Americanization of Emily,' Dec. 3, 7:00 and 9:30; Room 26-100; admission \$5.00.
LSC—'The Prize,' Dec. 4, 5:15, 7:30, and 9:45; Room 26-100; admission \$5.00.
LSC—'Camille,' Dec. 5, 8:00 pm; Room 10-250; admission \$5.00.

MIT Film Society—'Black Vision' by Stan Brakhage, 'Eau d'Artifice' by Kenneth Anger, 'Psyche' by Gregory Markopoulos, 'Chumbum' by Ron Rice. Dec. 6; admission \$1.00; for information call Fred Camper at 863-4674 or dl 0-527.

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3. The last time I dropped in you were taking the sink apart to get at your tiepin.
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4. A month ago you left your clarinet on the bus to Boston.
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(By the author of "Rally Round the Flag, Boys!", "Dobie Gillis," etc.)

YOU, TOO, CAN BE INFERIOR

The second gravest problem confronting college students today is inferiority feelings. (The first gravest problem is, of course, the recent outbreak of moult among sorority house canaries.) Let us today look into the causes of inferiority feelings and their possible cures.

Psychologists divide inferiority feelings into three principal categories:

1. Physical inferiority.
2. Mental inferiority.
3. Financial inferiority.

(A few say there is also a fourth category: ichthyological inferiority—a feeling that other people have prettier fish—but I believe this is common only along the coasts and in the Great Lakes area.)

Let us start with the feeling of physical inferiority, perhaps the easiest to understand. Naturally we are inclined to feel inferior to the brawny football captain or the beautiful homecoming queen. But we should not. Look at all the people, neither brawny nor beautiful, who have made their marks in the world. Look at Napoleon. Look at Socrates. Look at Caesar. Look at Lassie.

What I mean is you can't always tell what's inside a package by looking at the outside. (Sometimes, of course, you can. Take Personna Stainless Steel Blades, for example. Just one glance at that jolly blue and white package—so bright and pert, so neat but not gaudy—and you know it has to contain blades of absolute perfection. And you are

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But I digress. Let us turn now to the second category—mental inferiority. A lot of people think they are dumber than other people. This is not so. It must be remembered that there are different kinds of intelligence. Take, for instance, the classic case of the Sigafos brothers, Claude and Sturbridge, students at a prominent Western university (Dartmouth). It was always assumed that Claude was the more intelligent just because he knew more than Sturbridge about the arts, the sciences, the social sciences, the humanities, and like that. Sturbridge, on the other hand, was ten times smarter than Claude when it came to tying granny knots. But no matter; everybody looked down on "Stupid Sturbridge," as they called him, and looked up to "Clever Claude," as they called him. But who do you think turned out to be the smart one when their granny almost got loose and ran away? You guessed it—good old Stupid Sturbridge.

We arrive now at the final category, financial inferiority. One way to deal with this condition is to increase your income. You can, for example, become a fence. Or you can pose for a life class, if your college is well heated.

But a better way to handle financial inferiority is to accept it philosophically. Look on the bright side of poverty. True, others may have more money than you have, but look at all the things you have that they don't—debts, for instance, and hunger cramps.

Always remember, dear friends, that poverty is no disgrace. It is an error, but it is no disgrace.

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Eros plays Cupid

Contact matches 25,000 couples

By Mike Rodburg

On October 31, just four days after the first Contact deadline, over 8000 computer-written letters were mailed to the first group of Contact participants. Contact is a computer-matching program being run by MIT graduate Dave Dewan '65. The letters listed over 50,000 names, or about 25,000 two-way match dates.

The letters were the result of over 16 million potential dates which were analyzed by Eros, the Contact computer. Even if a student had three dates a night, every night of every week of the year, it would consume his entire four years at college to go on 4000 dates. Early indications are that enthusiasm for the first Contact run will attract 4000 additional responses for computer run number 2 (deadline November 24), according to Dave.

Spontaneous answers best

Preliminary analysis indicate that answering the Contact questionnaire spontaneously is definitely best, perhaps spending as little as 15 minutes on it.

Roommates have been urged to fill out their reply forms entirely independently because similar answers tend to produce partial overlapping in lists of names.

Eros is now working on statistical tabulation of several facets of Contact. Included are the number of each sex participating from each area, and the average, record high, and general distribution of the number of dates received per person. Preliminary results indicate about 7.5 dates per person with a considerably greater spread among men i.e., more men with very many or

the minimum number of dates.

The computer will select the size and frequency of ads. Test the effectiveness of various copy, analyze the response times to ads, etc. The computer is also taking over some work in publicity.

Changes and corrections in name, address, and telephone number are processed most promptly when accompanied by the participant's name, school (or 3-digit contact area code, if known), and sub-field number (the 4- or 5-digit number opposite the recipient's name on each contact letter.)

Computer called "Eros"

Many people have called Contact asking to speak to the computer Eros. Unfortunately, Eros does not have a voice (but sometimes the secretary fakes it) and the best he can do is print out messages on his typewriter. He enjoys the fan mail he has received, however. Being developed is a special computer program to allow Eros to calculate the average length of the words each writer uses and then type out a judgment about the correspondent's intelligence.

As expected, the length of lists of dates varied (most noticeably for men). Participants who receive unusually long lists are automatically deleted from the computer memory for at least one run (more for longer lists) and will be reinstated upon personal written request.

A computer analysis of the answers which produced longer letters revealed (in order of importance) a large number of 'don't cares' (underlined 3's) when specifying a date, an unusually wide range of prerequisites, and high correlation with answers which are proving to be 'most popular.'

'Don't care' answers are troublesome because when questions are ignored by the computer, the contact personality preference in-

ventory loses a corresponding amount of its potency.

Date differentials computed

Since the Contact computer matching program always measures (for each question), the difference between your answer and your potential date's answer, it is best to put down what you most want for each question and let the computer find the people who best fit your description.

The thought which went into the Contact personality preference inventory has been demonstrated by the high seven-sister—Ivy League breakdown which occurred. (These figures are based on the expanded Ivy League including MIT, etc., and the expanded seven-sisters, including Pembroke, Skidmore, etc.) The inter-matching averaged 91.8 per cent at the women's schools and 84.8 per cent at the men's schools.

Follow-up planned

A follow-up questionnaire is being prepared which will be mailed to about 8 per cent of Contact's participants. The follow-up survey will be computer-analyzed to discover the strong and weak points of Contact's program.

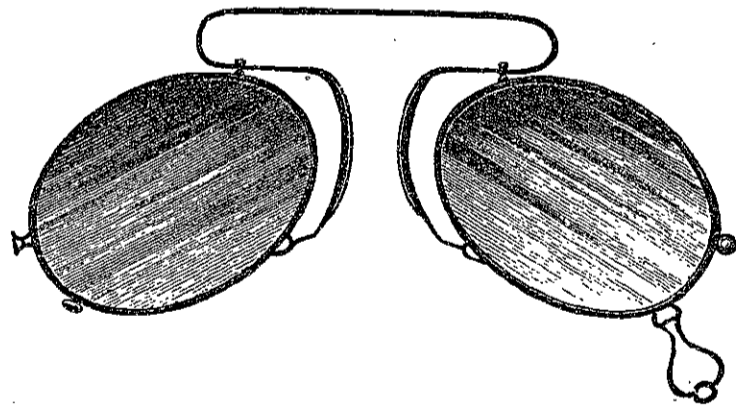
Personal comments, always the most helpful, will be human-analyzed.

Follow-up recipients will be computer selected rather than randomly chosen. This will guarantee a perfect cross-section and will not accidentally favor a particular school, area, sex, etc.

Contact's national division is testing plans for the national expansion of Contact. No final decisions have been made.

Contact's International Committee is investigating the possibilities of expansion to college students in England and Australia. This one's still on the drawing boards, though.

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THE TECH COOP
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Voo Doo monthly stunt offers grounded gondola; Staff members wind up all wet in the Charles

By Tom Bossa
Voo Doo attempted to display the Great Modern Society of the United States, but instead wound up re-enacting what looked like a lynch mob scene from the good old days of the wild west.

Dave Ellis '68, publicity manager of Voo Doo, began to announce the monthly stunt. Around the Voo Doo sales desk in Building 10 were several posters and a makeshift gondola on the floor. Above the gondola was a picture of President Johnson with the caption: "Ma Fella Americans, anyone here in five minutes without Voo Doo will be in Vietnam tomorrow, God willin'." Dave Ellis introduced Ed Lamon '67, just turned 18. He was to receive a fine sendoff . . . to Vietnam. He put on a gas mask and stepped

into the gondola. Unfortunately, there was too much cargo in the gondola to lift off. Eventually it did rise, empty, leaving its occupant still on the ground.

At this point Bob Pyndick '66, Managing Editor yelled, "Wasn't that the worst stunt in the history of Voo Doo?" The crowd agreed and Pyndick suggested that they throw Ellis, the publicity manager, in the Charles. Pyndick and Kim Thurston '67, Business Manager, carried Ellis across the Great Court to the Boat House. Amidst cheers and applause, Dave Ellis was sent to the murky depths of the river. An unidentified witness to the scene came to the fore at this moment. He promptly pushed in Pyndick and Thurston. By the end of the stunt, most of the Voo Doo staff, it seems, was all wet.

SCEP Forum Tech feedback programs studied

By Judy Risinger

The SCEP feedback subcommittee was formed last November with the purpose of studying feedback techniques and their possible uses as well as their limitations. In particular, it was to look into those methods that had been used at MIT over the past three years.

The subcommittee prepared a report on ten different feedback programs that had been used at MIT. This report is now being distributed to heads of large enrollment courses and to heads of departments. In January copies will be distributed to all undergraduate teachers.

In the study the subcommittee concluded that the benefit derived from the feedback program employed depended highly on how suitable it was to the demands of the course, and for most classroom situations there is some form of feedback which will benefit both students and teachers.

Often Communications Problem
For example, in large enrollment lecture courses there often seems to be a problem in communications between the students and the lecturer, whenever the

latter does not have a recitation section; in such a situation the lecturer might consider having a weekly feedback session with representatives from all the recitation sections. On the other hand, a questionnaire might be the appropriate feedback technique to use in a recitation.

Feedback can also help improve faculty-student relationships. Most of the faculty interviewed for the report were of the opinion that their use of feedback had made the students more aware of the effort that they were making to improve course quality. This led to higher course morale and better faculty-student relationships. Many professors hoped that their students would feel free to talk over responsibly the problems in their courses.

Freshman Questionnaires
Another present project of the subcommittee involves the preparation of a freshman questionnaire in conjunction with the Undergraduate Planning Professor, Prof. George E. Valley Jr., and the Freshman Council feedback subcommittee. This questionnaire will be distributed to freshmen

through the Freshman Council representatives during the second week of December.

The results of this questionnaire will be used to improve upon Freshman Weekend, the freshman elective system, the advisory system, and other aspects of freshman life. It is important that there be full cooperation of the freshman class in order to get meaningful results.

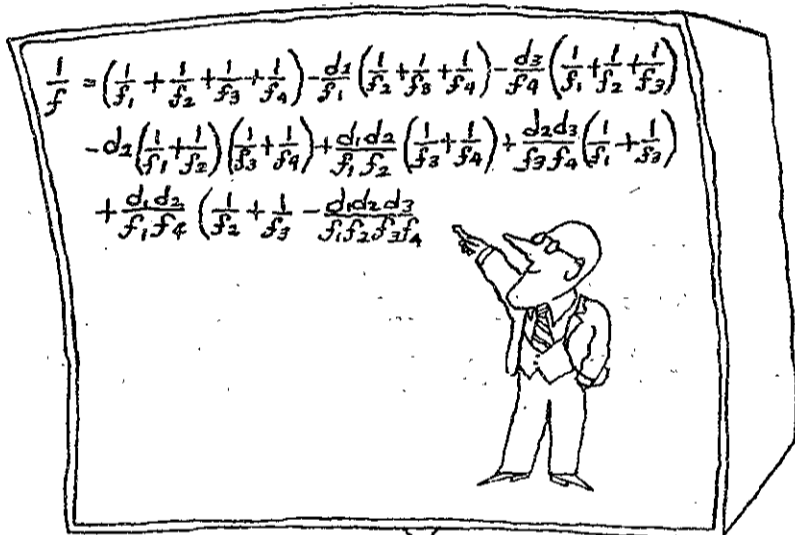
Help Co-ordination
Another area of involvement will be that of coordinating information of projects between honor and professional societies. Last week's honor and professional society conference pointed out the serious lack of communication between these societies. Eta Kappa Nu (Course VI) has run program in which their pledges wrote an evaluation of upperclass Course VI courses. These reports were then compiled, edited, and discussed with the heads of the courses. Pi Tau Sigma (Course II) gave an award to the best teacher in the department. Most of those present at the conference felt that these ideas were worthwhile programs for the societies to undertake.

Obtain Library Feedback
SCEP is also involved in getting feedback on our library system. For that purpose, SCEP has formed a subcommittee on the libraries, headed by Al Green '66. A library questionnaire was written up by this subcommittee and distributed at the SCEP booth in Building 10 this week. The results of this questionnaire will be used to take into account student opinion in supplying the Student Center Reading Room with books and periodicals that are asked for by the student body.

The feedback subcommittee is
(Please turn to Page 10)

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Right now, many students can dial from their dormitories to a language lab. Soon a student will be able to dial into a computer thousands of miles away to get information for his courses.

Depending on the nature of the information, he might get his answer back audibly, printed on a teletypewriter, as a video image, or a facsimile print.

Some of these services are available now. Others are being tested.

For the next week or so, better get a move on.

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Blackout points out system inadequacies

(Continued from Page 5)
ties were, for the most part, only delays in what were otherwise normal operations. Although the 7094 computer did not swing back into operation until about 2 am, all 6.41, 6.45, and 6.251 programs were run for pick-ups later that day.

Experiments Ruined.

Several experiments were being run in the life sciences building when the power failure struck. As reported by a few professors, losses amounted to little more than a day's delay in the progress of their experiments. With the aid of the Campus Police, dry ice chests were opened to save sub-freezing and constant temperature experiments. In one exceptional case, the power failure proved to be quite costly. It was reported that one professor lost a 3 year experiment in a period of 5 hours.

Compass Seminar

Dr. Norman Ness of NASA's Goddard Space Flight Center will deliver a Compass Seminar talk entitled "Observations of Distant Terrestrial and Cis-lunar Fields," Tuesday, November 30, at 4 pm in Room 54-100.

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Collisions mar houseboat race

(Continued from Page 1)

weight coxswains. The freshmen coxswains decided not to participate upon reaching the starting line. The easy win over the lightweight coxswains was the second rowing victory for the heavy-weight coxswain squad. Last June's IRA competition saw the Tech coxswains team up with the Washington squad, with coach Jack Frailey on the rudder, to win the cox-manager race at Syracuse.

One of the larger races of the day was the annual freshman splashathon, involving a total of ten boats from the heavyweight and lightweight squads. The first lightweight boat, stroked by Mike Curd, moved to an early lead, but soon was threatened by two approaching heavyweight boats. The two heavyweight shells, however, collided midcourse, and left the lightweight squad to win by a narrow 1 foot margin.

15 Houses Race

The most impressive race of the Regatta, however, was the final houseboat race, involving a total of thirteen shells and two barges. Amid considerable confusion the fifteen boats lined up beneath the entire length of the Harvard Bridge for the start of the race. The Sig Ep boat and another undetermined shell were improperly lined up for the start of the race, so the first of several collisions occurred after three strokes.

Finishing first and last respectively were Kappa Sig "A" and Kappa Sig "B". In second place was NRSA, with Burton "A" in third. Other teams competing in the race were Phi Kappa Sigma, Lambda Chi Alpha, Baker, Burton "B," Beta Theta Pi, Phi Gamma Delta, Phi Delta Theta, Phi Beta Epsilon, and Sigma Chi.

Feedback channel: from student to SCEP to Course Society to faculty

(Continued from Page 9)

presently working on establishing an Institute-wide feedback system that would include all large enrollment Institute courses. The mechanics of the program will be the following: students having complaints about such courses should first direct their complaints to The SCEP feedback subcommittee chairman (by leaving a message at the SCEP Incomm mailbox). If he receives sufficient complaints, he in turn will report them to the member of the appropriate honor or professional society in charge of feedback. In case there is no such organization in a particular course, he

will report the situation to higher faculty channels.

Should Improve Quality

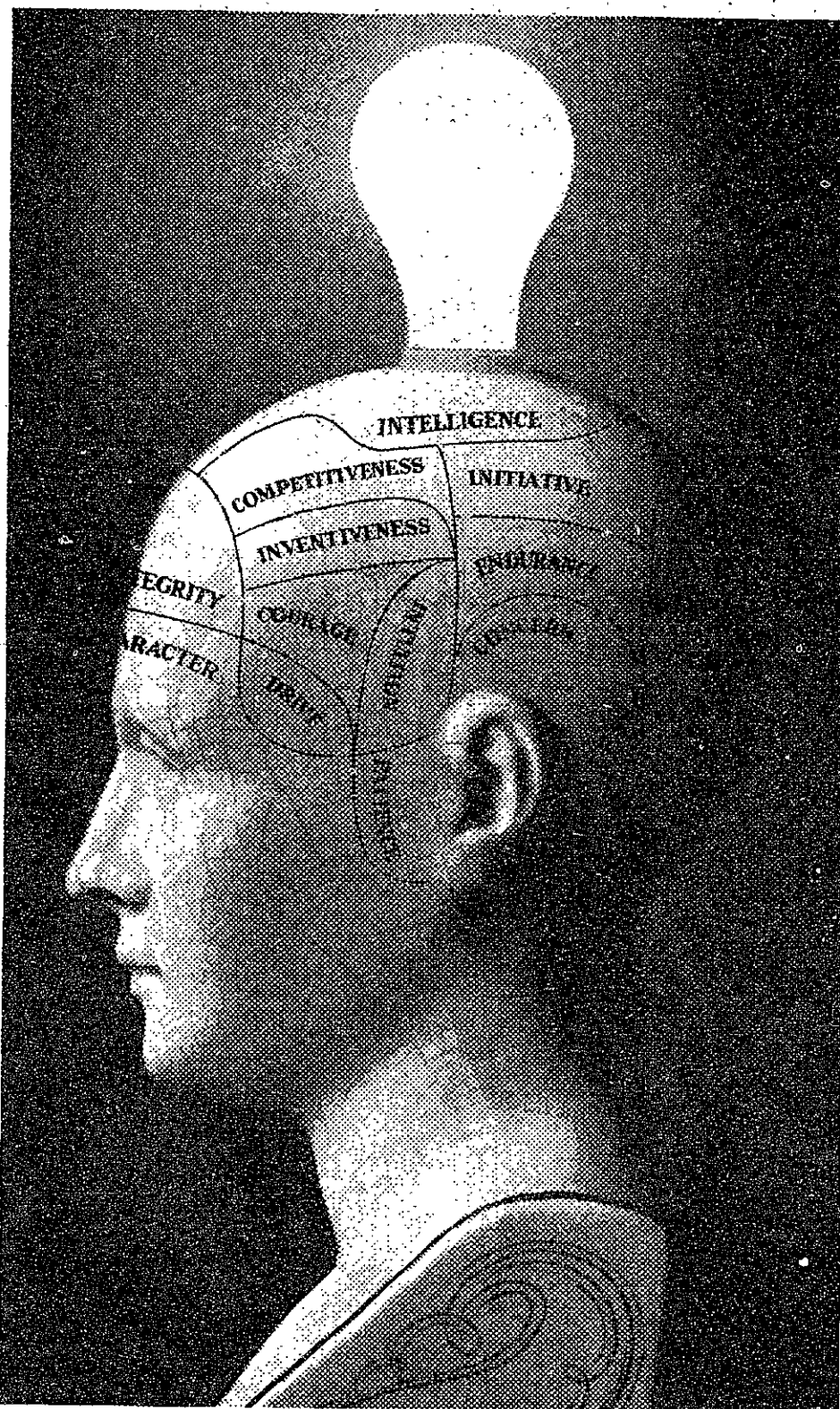
Hopefully this scheme of feedback will improve course quality. Ideally, of course, each student should take it upon himself to try to correct the situation by talking to the teacher involved.

It is important to stress that feedback techniques, when used responsibly, can help improve the educational experience at MIT.

Anyone interested either in setting up new feedback programs or in getting one of the aforementioned reports should contact Mike Telson, (X3205).

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Divers Kimball, O'Brien steal show in Swim Club's Aqua Capers '65

By Dave Lyon
The MIT Swim Club's Aqua Capers '65 is over, but the acts presented there will undoubtedly be remembered for quite some time. The entertainment ranged from the placid beauty of the aquatic maneuvers of the Wellesley Water Ballet to the wacky antics of Richard Kimball and Ron O'Brien, professional diving champions. The show started off with an exhibition by the Wellesley troupe. Following them, Kimball and O'Brien literally dominated the evening. After starting with a series

of perfectly executed dives from the three meter board, the act went down to a trampoline set up on the pool deck.

Diver O'Brien somehow disappeared during the tramp performance and shortly after a rather unpolite gentleman in the audience began to heckle Kimball. After provoking the performer for an extended period the heckler was finally invited down to the deck for a show of skill. Not too many of the audience were surprised to see O'Brien (clad in an inconspicuous raincoat) mount the trampoline and continue the act with his partner.

How They Did

Rifle
MIT (V) 1196, BU 1150

Rugby
MIT (A) 8, Holy Cross 0
MIT (B) 5, Tufts 0

The performers were diving into only 13 feet of water, even though the prescribed optimum depth for their 20 foot tower is from 18 to 22 feet.

Frank Gorman performed several high precision maneuvers from the 3 meter board during the show. The performances, at 7 and 9 pm, were tremendous successes. They were both well attended; the 7 pm show was presented before a standing room only crowd.

Sophs promising

Varsity mermen rebuilding

The varsity swimming team is experiencing a rebuilding season this year, according to freshman coach David Michael. The mermen have already suffered one serious blow with the loss of varsity coach Charlie Batterman. Coach Batterman was felled recently with a heart attack, and is not expected to return to the team before January. Coach Michael has, in the meantime, been filling in as both varsity and freshman coach.

be the team's number one man at 50 yards. Last year, his best was a 22.7, but he has already come within nine-tenths of a second of that time in practice.

Equally strong are the butterfly and breaststroke events. Winston Gardner '68 last year turned in a 58.9 second clocking for 100 yards of the butterfly, his specialty. In the breaststroke, Larry Preston '68, with a 1:08.6 time for 100 yards, looks to be number one.

Graduation losses hurting
The team has been weakened by the loss of several seniors through graduation. However, it has also been strengthened by the addition of several exceptional sophomores. According to Coach Michael, the team has several good sprinters, but is weak in the backstroke. It has two exceptional sophomore divers in Dan Gentry and Fred Solomon, who generally finished one-two in diving events during their freshman year.

Rifle team defeats Boston University; record stands at 1-2

By Russ Mosteller
MIT's varsity rifle team came up with its first victory of the season by defeating Boston University 1196 to 1150 last Friday. The victory leaves the Techmen with a 1-2 record in the Greater Boston Collegiate Rifle League. The two losses were to Harvard and Northeastern, both strong teams this year.

Leading shooters for the Techmen were Andy Sherrin '67 with a score of 245, Bob McDonald '68 with a 244, and Dick Simpson '67 with a 237. High score of the match, however, went to BU's Helyar, who shot a 254.

In the swimming events, the freestyle looks especially strong. John McFarren '68 leads the freestylers. Last year, as a freshman, John turned in a time of 51.1 seconds in the 100 yard event, while hitting a 1 minute 57 second time for the 200.

Crane adds depth
McFarren can look to Captain Mike Crane '67 for some stiff competition. Mike last year turned in a time of 51.7 seconds for the 100 free. He will probably also

The riflemen have no matches scheduled over Thanksgiving, their next match being December 3 against Wentworth Institute, the fifth and last team in the GBCRL.

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Intramural Results

- Basketball**
Fiji 61, Bur "A" 35
Chinese Stud 79, PLP "B" 22
AEP: 48, ATO 37
EC "C" 38, Bak "D" 26
LXA "B" 47, TDC "B" 28
DU 53, PKT 37
EC "B" 61, Sen Hou "C" 30
Sig Ep 40, PMD 38
PLP "A" 68, Theta Chi 47
ZBT 40, Sen Hou "A" 34
SAE 62, SAM 38
Ash Hou "A" 51, Poly Sci 42
Kappa Sig 47, Bur "C" 45
TEP 44, Bur "E" 20
LXA 73, Delts 37
Chem "A" 43, Grad Econ 39
- GMS 73, Celtics "A" 26
NRSA 65, Bur "Reb" 45
Grad Econ "B" 37, Phi Kap Sig 27
Stud Hou 55, Westgate 47
Ash Din 34, EC "A" 33
Theta Chi "B" 40, Chi Phi 22
Sigma Chi 60, Sen Hou "B" 22
Bur "D" 53, Bex 45
Fiji 34, Delts 29
- Bowling**
Monday night leaders
League 1—Baker "A" 68.1
NRSA 63.4
League 2—PMD "A" 72.1
TC 66.2
League 3—Sig Ep 65.4
EC "A" 63.1
League 4—Bur 69.3
Sig Chi 62.3
League 5—Sen Hou 69.2
Ash Hou 60.5
Tuesday night leaders
League 6—TEP "A" 66.1
Bur IV 64.3
League 7—Bur III 66.9
Bak "B" 66.3
League 8—AEPi "A" 66.4
Bur II 62.4
League 9—Sen Hou "A" 65.8
Bur V 60.9
Individual leaders
Series—Dan Anderson 642
Game—Mike Scott 276

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Campus Interviews, December 1, 1965
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First competition

Cagers win scrimmage

By John Kopolow

Varsity basketball Coach Jack Barry gave his squad a taste of game competition last Wednesday as he sent them against the Lawrence Merchants, a local semi-professional team. Though the game was little more than a scrimmage, one would never have known it by watching MIT roll up a 100-63 victory.

Hardt, Wilson in control

The Beavers were in control throughout. With juniors Alex Wilson and Bob Hardt controlling the backboards, MIT pulled in front by eight points in the first three minutes of play. Then the hot shooting hands of Wilson, Jack Mazola '66, and Dave Jansson '68 continued to widen the gap, so that by the end of the somewhat lengthened first half Tech led 57-32.

The second half saw the Tech cagers continue to pour it on. Junior Greg Jerrell furnished reasons for having high hopes for MIT's bench as he scored often and rebounded well. As the team

built up a lead of over forty points with eight minutes remaining, Coach Barry sent in a reserve team, which gained valuable playing experience. Captain Jack Mazola was high scorer for the Beavers with 23; Jansson had 16, Hardt and Wilson 15 each, and Jerrell 12.

Fine season in store

Although the competition supplied by the Merchants was not representative of what they will be facing during the regular season, the MIT cagers should be able to look forward to a fine season. They showed fine shooting ability and great board strength. If they are able to polish up their unorthodox man-to-man defense, they will be extremely hard to beat. The Beavers play between their man and the ball in this defense instead of between their man and the basket.

Before the December 1 opener with Trinity, they will play another practice contest. Maine University will furnish the opposition Friday at Rockwell Cage.

Roberson takes Powerlifting title; totals 1940 lbs. in three events

By Bob Sultan

Gene Roberson, a course VI grad student from Birmingham, Alabama, has proven himself the champion of a sport which requires the greatest of physical and mental efforts, powerlifting.

On Saturday, November 20, the Huntington YMCA held its annual amateur Powerlifting Tournament and Gene came home with the Outstanding Lifter award, 4 meet records, 4 New England AAU records, and 3 National AAU records.

The three events in which the powerlifters compete are the bench press, which is equivalent to a push-up on your back, the squat lift, which is a deep knee bend with the weight on your shoulders, and the dead lift, in which you bend over, grab the weight, and try to stand up.

Squats 735 pounds

Gene pressed 490 lbs. squatted 735 lbs., and dead lifted 715 lbs. for a contest total of 1940 lbs. The old contest records for the annual meet were 420, 600, and 610 lbs. respectively, set last year. The old New England AAU records were 425, 570, and 660 lbs. respectively.

Gene broke the National AAU press record, which he set last year, by 8 lbs., the national squat record by 31½ lbs., and the national 3-event total by 50 lbs. In fact, Gene left only one out of four national powerlifting records still standing.

Gene trains two hours a day, three days a week, practicing the three lifts and doing a number of conditioning exercises. He began training for Olympic lifting when he was sixteen, but turned to powerlifting when he didn't qualify for the '64 Olympics.

Mind over matter

Lifting this much weight calls not only for great strength but also for a "mind over matter" attitude. The lift is a complete effort. Gene said that afterward he felt like he had been hit by a truck.

The Outstanding Lifter Award which Gene won at the meet is given to the lifter who lifts the greatest total weight per pound of lifter. Since Gene weighs 279 lbs., this is quite a feat.

Chem A 3-0

AEPI, LXA, SAE still undefeated

By Herb Finger

At the midway point in the IM basketball season four major teams remain unbeaten. AEPI, LXA, and SAE boast perfect 3 and 0 records in the Major leagues, while Chem "A" is the only undefeated grad team.

Lambda Chi Alpha made it 3 in a row as they marched over Delta Tau Delta 73-37 Wednesday. There was little question of the Lambda Chi's superiority as they controlled the game from the opening tap.

LXA defense shines

The Lambda Chi hard-pressing defense continued to shine as their guards stole the ball often. Ken Follansbee '67 contributed 24 points for Lambda Chi with Travis Gamble '67 getting 17. Mike Thomas '68 had 12 for the Deltas.

Elsewhere, Sigma Alpha Epsilon took their third victory from Sigma Alpha Mu by a 62-38 margin. SAE put the press on in the first quarter and startled the Sam-

Hockey opener Dec. 4; eight lettermen return



Photo by Gordon Olson

Varsity hockey coach Ben Martin drops the puck for the face-off between frosh coach Wayne Pecknold (left) and varsity captain Loren Wood '66 during hockey practice Friday on the Briggs Field Rink. The team has been practicing for 2 weeks.

By Steve Wiener

The MIT varsity hockey team, which opens at home against U-Mass December 4, features the experience of eight returning lettermen and striking offensive depth. Coach Ben Martin lost only Hank Newell and Scott Bluen through graduation.

Wood centers 1st line

After six practice sessions held at Harvard prior to the preparation of MIT's rink, the offensive first line appears to be Captain Loren Wood '66 at center, winged by Pete Catto '66 and Pete Getting '67. Wood racked up 20 points last year on the strength of seven goals and thirteen assists.

Composing the second line will be Tony Pasquale '66 and Clayton Satow '68 at wings and soph Mike Harris at center. One of five Canadians on the team,

Harris is the only Tech skater with playing experience in organized hockey. Steve Shapiro '66 and Paul Stein '66 will be available as relief men on offense.

Defense thin

If the team has a weak point, it's a shallow defense. Seniors Bill Kosiner and Bob Smith will be counted on to protect the Engineers' half of the ice, but coach Martin has not yet chosen his second line defense. Bob Damon '67, and Don Bosack '67 are two capable stickmen being considered for the job. Bob McDonald will be in the nets for his second year.

The skaters play a sixteen game schedule against smaller New England colleges such as Babson, UMass, WPI, Amherst, Bowdoin, and Trinity. MIT will host all but the last two contests.

Fijis win 2



Photo by Desmond Booth

Chem "A" center Mike McGrath (left) jumps against Grad Management Art Saltzman at the opening tap of their game.

In another overtime contest Sigma Phi Epsilon outscored Phi Mu Delta 4-2 in the extra period to beat PMD 40-38. In a well-played contest Sig Ep led at halftime 19-17, but Phi Mu Delta remained strong to equalize the score 36-36 at the end of the fourth period. Jack Yeasley '66 topped the Phi Mud scoring column with 27 points, 13 of them coming in the first quarter. Ron Olsen '66 had 15, while Gerry Madea '66 had 13 for Sig. Ep.

Grad league leader Chemistry "A" remained the lone undefeated team in their league as they defeated Grad. Econ "A" 43-39 on Thursday. The Chemists kept things under control throughout the game, leading at the end of the first quarter 9-6. They increased their lead to 11 at halftime and 14 at the three-quarter mark. A. Leonard and Mike McGrath both netted 17 to lead the victors, while Art Saltzman popped in 16 for GMS.

Rugby team finishes regular season with 2 shutout victories

By Tom James

Showing excellent coordination of the scrum and the back line, MIT's "A" ruggers decisively defeated Holy Cross 8-0 Saturday. The "B" team also was successful, downing Tuft's "A" team 5-0.

In the "A" game, the first score was on a try, and was a result of the presence of mind of Bud Boring, playing in his first "A" match. Boring capitalized on a Holy Cross fumble and ran the ball across. The conversion was made by Alan Newell '67.

This same Holy Cross team defeated MIT earlier this season 12-6, controlling the ball most of the time. This time, however, ninety percent of the game was played on the Holy Cross end of the field with MIT really showing its stuff in this last game of the regular season.

The MIT Rugby Club will send two teams to a seven-a-side tournament next Saturday. The tournament, sponsored by the New York Rugby Club, starts early in the morning and features fifteen minute games until everyone but the winner is eliminated.

Varsity squash to start: roughest schedule ever

By Tom James

There is only one week left before MIT's Varsity Squash Team takes to the courts to commence what looks to be one of their roughest schedules ever. Coach Crocker is quite optimistic, and predicts victory in our first match with Adelphi December 1. But he goes on to explain that only the Ivy League schools and Army and Navy play squash. Since they are fed primarily by prep schools where squash is a big sport, they always have excellent teams. MIT, on the other hand, must develop a team from inexperienced freshmen.

Coach Crocker is still optimistic, however, and despite the loss of five Tech starters, including the first four men, the racketmen should develop into a good team. The key test of the team's ability will come in the next 3 weeks, with a heavy December schedule of seven matches in just two weeks.

On the squad this year will be eight returning lettermen, headed by captain Larry King '66. Sophomores Chye Tantavit, Pete Hurlley, Terrance Hamilton-Smith, and Bob Melanson show a lot of promise, and good things are expected of them.

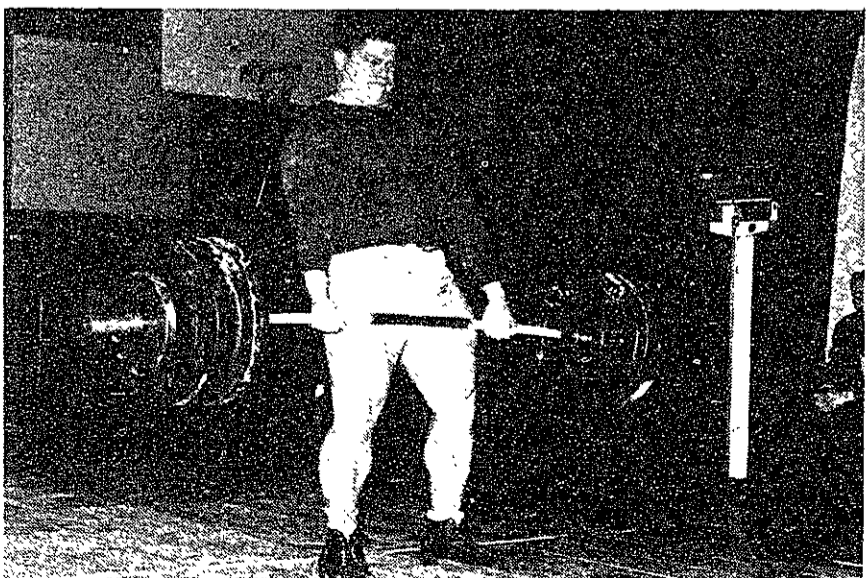


Photo by Steve Rife

Gene Roberson, Course VI graduate student, deadlifts 715 pounds at the Huntington YMCA. Roberson set three National AAU and four New England records as he won the Powerlifting championships Saturday.

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