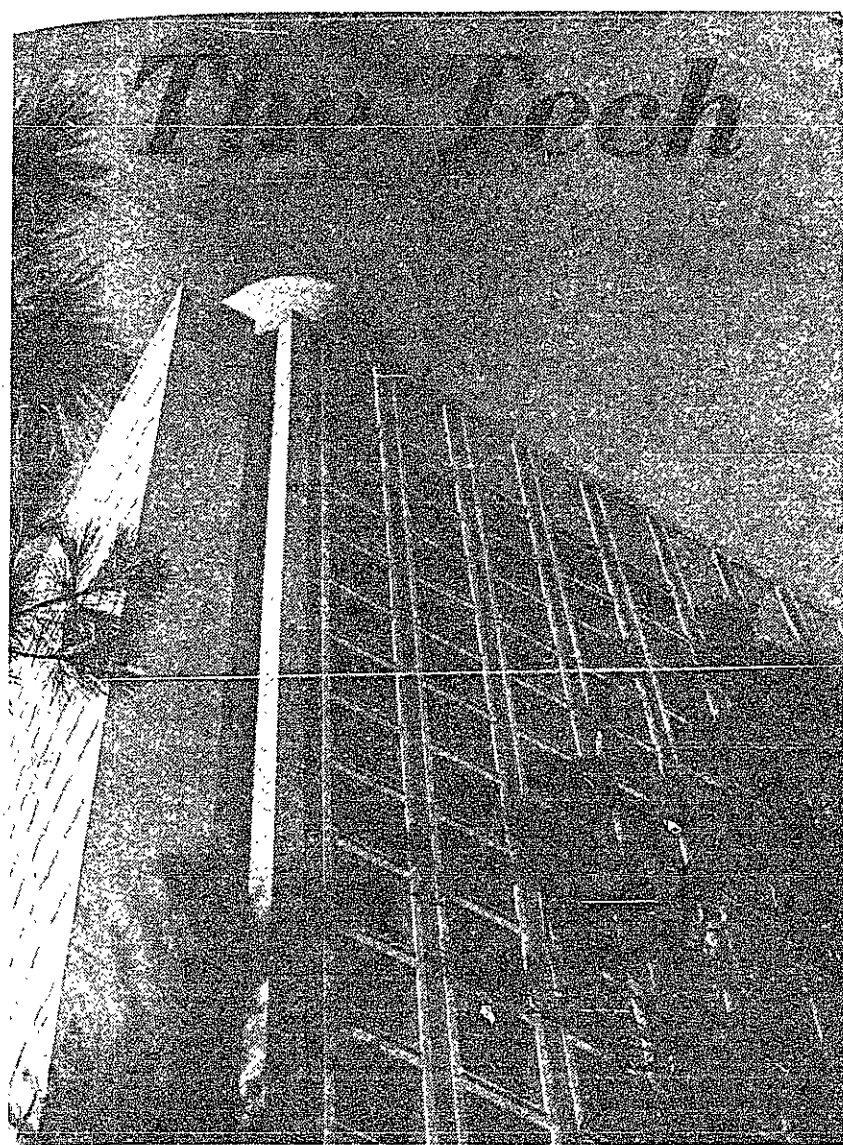




Vol. 86, No. 40 Cambridge, Mass., Tuesday, Oct. 25, 1966 5c

ISC, Arab Club to conduct 2-day seminar on Lebanon

The International Students Council in cooperation with the Arab Club at MIT is sponsoring a 2-day seminar on the 5th and 6th of November, entitled "Lebanon: A Case Study of Democracy and Laissez-Faire."

The seminar is going to be conducted on a purely academic level with students participating in the presentation of papers that will be discussed by series of panels of experts.

Experts chosen

The experts will include Professors Charles Kindleberger, Daniel Lerner, Everett Hagen, and Paul Oppermann from M.I.T.; Professors Nadar Saifra, Kamal Salibi, and Ahmad Farra from Harvard; Professor Hisham Sharabi from Georgetown University in Washington; Miss Pheobe Murr of the Center for Middle-Eastern Studies, Harvard; and Mr. Leonard Katz, a member of the science advisory boards of Presidents Kennedy and Johnson.

The topics will cover introductory papers dealing with Lebanon's history and culture. This will be followed by sessions on Lebanon's free enterprise economy, low-cost housing projects, democracy in Lebanon and problems of the vast number of the Lebanese immigrants with special mention to those in the USA.

In connection with the seminar the Lobdell dining room is going to provide a complete Lebanese menu at lunch and dinner on Saturday, November 5, 1966.

on's history and culture. This will be followed by sessions on Lebanon's free enterprise economy, low-cost housing projects, democracy in Lebanon and problems of the vast number of the Lebanese immigrants with special mention to those in the USA.

The recent excavations at Masada were the subject of a lecture by Professor Yigael Yadin of the Hebrew University, at Kresge Auditorium on Friday afternoon before 800 people. MIT Hillel sponsored the presentation.

Introduced by Edgerton

Harold E. Edgerton, Professor of Electrical Engineering, who

Faculty spotlight

Edgerton maps harbor

By Dave Kaye

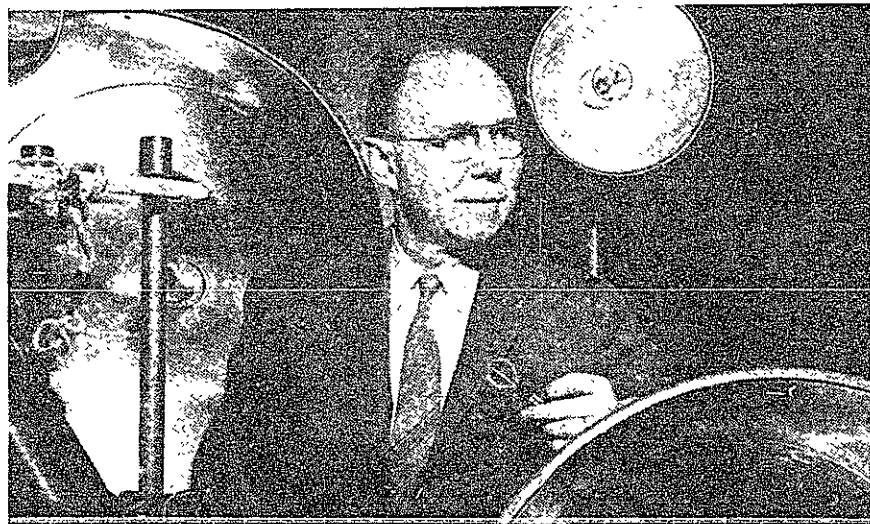
Beneath the bottom of the Boston Harbor, embedded in sediment, is a mountain known as the "MIT Peak." It was discovered by Professor Harold E. Edgerton in a survey of the Boston Harbor utilizing sonar techniques he has recently developed.

Photographic techniques

A pioneer in the fields of high speed and underwater photography, as well as sonar and electronic flash techniques, Dr. Edgerton first came to MIT in 1926 to obtain his Master's Degree in Electrical Engineering. In subsequent years he earned two more degrees (Sc.D. and D.Eng.), his present position as Professor of Electrical Measurements, and the title of Institute Professor.

Atop Prudential Building

From high school physics texts to the top of the Prudential Building, results of Dr. Edgerton's studies in high speed photography and electronic flash techniques manifest themselves. Yet few realize how diverse the applications of his research in this field are. For example, the first laser was stim-



Professor Harold E. Edgerton, well-known for his work in high-speed photography, stands with some of the equipment he often uses. The stroboscopes he has worked with have been used in such places as atop the Prudential Tower or the Green Building.

ulated by a neon flash lamp he developed. His work in gaseous diffusion in lamps has found application in plasma physics, and his photographic techniques are used in such fields as medical research and particle physics.

Sonar to map sea floor

Although Professor Edgerton is known primarily for his work in high speed photography, he is at

present extremely interested in sonar techniques. About ten years ago, Dr. Edgerton started using sonar in conjunction with his studies in deep-sea photography. From the first rudimentary application of sonar to control the depth of his deep-sea cameras on Jacques Cousteau's ship in the Mediterranean, Dr. Edgerton has pro-

had met Yadin before, introduced him to the audience as a patriot, military leader, teacher, and archaeologist who a few days earlier, had had a book published. After a brief introduction, Professor Yadin showed slides he had taken during the eleven-month project at Masada, narrating both the history and the story of the excavations as he went

along. In 1963, he had been asked by the Hebrew University and other backers to lead an archaeological expedition to Masada, a site in Israel, which he termed the "mausoleum of martyrs." At this spot, in 73 AD, three years after the destruction of Jerusalem by Titus, 960 Jewish Zealots "defied the might of Rome." On the eve of Passover, as they were surrounded by Roman legions, they decided to "die free rather than submit." They burned nearly everything and then drew lots to see who would be the last to die.

Lots found

The most dramatic moment on the expedition, according to Yadin, was when the diggers found what they believed to be the lots of the last eleven men. They are flat stones or shell about one inch square with nicknames on each in ink. One bears the name of the commander of the Zealots.

Refuge for King Herod

Originally the site was fortified by King Herod the Great as a potential refuge for himself, as he was not sure of his city's loyalty and was especially afraid of Egypt's Cleopatra. It was a royal citadel — not an ordinary fort, with a palace and villas. It was not until the expedition, however, that his actual refuge was found. Yadin felt that it was the simple things of the Zealots which gave spirit to Herod's surroundings.

Volunteers come

How the site was to be dug was the first problem to be faced. It would have been sacrilegious to hire the usual laborers, Yadin said, so they asked for volunteers. Thousands of applications came in, from over 28 countries, despite the warnings of bad food

(Please turn to Page 11)

Field Day events announced

By Mark Bolotin

The traditional Field Day matching of the Freshman Class against the Sophomore Class, slated for 10 pm Friday, Nov. 11, will take on a new twist this year. In addition to occurring on a Friday for the first time, Field Day will have a unifying theme underlying each of its events.

Field Day theme

The theme of Field Day will be that of war game exercises by Galactic Rivals, centered on Venus. Whenever possible, this theme is to be worked into each class's costuming and construction.

For those who are not familiar with Field Day, the event is designed to be a series of contests matching the wits, strength, and organization of both classes. Therefore, Field Day is composed of both the actual events on the field and preparations before Friday.

Class flag required

In the way of preparations, each class must have a class flag. This flag must be of the class color—green for the Class of '70 and blue for the Class of '69.

These flags must be presented to Field Day Chairman Dick Coulter '67 for inspection, approval, and certification at least one week before Field Day. Each class is responsible for protecting its flag from capture by the opposing class, as failure to have the flag for Field Day will result in loss of points.

Further, each participant in Field Day must have his name affixed to his back when Field Day begins. All are urged to wear their class's colors throughout Field Day.

Events for the day

The events for this year's Field Day are: Field Ambulance Service (Bed Marathon), worth 15

points; Field-Repair Maneuvers (Tank Movements), worth 15 points; Nursing Corps Training (Unknown Event I), worth 10 points; Discipline Maneuvers (Unknown Event II), worth 10 points; Routing Entrenched Troops (Tug-of-war), worth 15 points; and Hand-to-hand Combat (Glove Fight), worth 35 points.

Bed Marathon

The Field Ambulance Service will be a half-hour race on a standard single bed, equipped with rubber wheels and safety devices. The bed, along with one coed "nurse" atop it must be

pushed around a 440-yard oval course. If, at any time during the race, the sheets on a particular bed are deemed "unsanitary" by the Beaver Key Marshall, that bed must come in for a change of sheets. Five of the points to be awarded for the event go to the class with the "best-made" bed and nurse combination.

For the Field-Repair Maneuvers, each class must construct an extra-terrestrial combat tank. The tank must be pushed across an erratic course, laid out by Beaver Key to avoid enemy fire.

(Please turn to Page 6)

Speaks before SSRS

Morrison tells experiences of Rosenberg spy case

By Paul Johnston

Professor Philip Morrison, of the MIT Physics department, spoke on "The Rosenberg - Sobell Case and the Climate of Scientific Research" at a New England-wide meeting of the Society for Social Responsibility in Science, held Saturday in the Student Center. The meeting followed a 12:30 luncheon in the Lobdell Dining Room.

Remarks on SSRS

Attorney Albert Allen of Boston opened the meeting with some preliminary remarks about the SSRS. He observed that at the time of its founding in the late 1940's and early 1950's the "organization (was) unprepared to cope with the times," but that it now makes every attempt to keep abreast of new developments. He said that the organization is aimed at scientists, but others are welcomed as associate members.



Photo by Steve Rife

Professor Philip Morrison speaks before the SSRS on the appeal of the famous Rosenberg-Sobell Case.

Dr. Morrison then began his talk, which concerned itself primarily with his own experiences with the Rosenberg - Sobell case during the last few months. The effects of this much litigated case, he said, have greatly affected the American mind, and it is now, once again, being investigated.

Began with phone call

Last June Dr. Morrison received a telephone call from a lawyer in New York City. She was working in "Civil Liberties" law, and was concerned with re-investigating the case of Morton Sobell and Julius and Ethel Rosenberg. As a result of their trial the Rosenbergs were executed for espionage, and Sobell, who was only slightly connected with the conspiracy, was imprisoned for thirty years.

During the trial, David Greenglass, Mrs. Rosenberg's brother, and a co-defendant, confessed his involvement in the conspiracy, asking for clemency. In his tes-

(Please turn to Page 5)

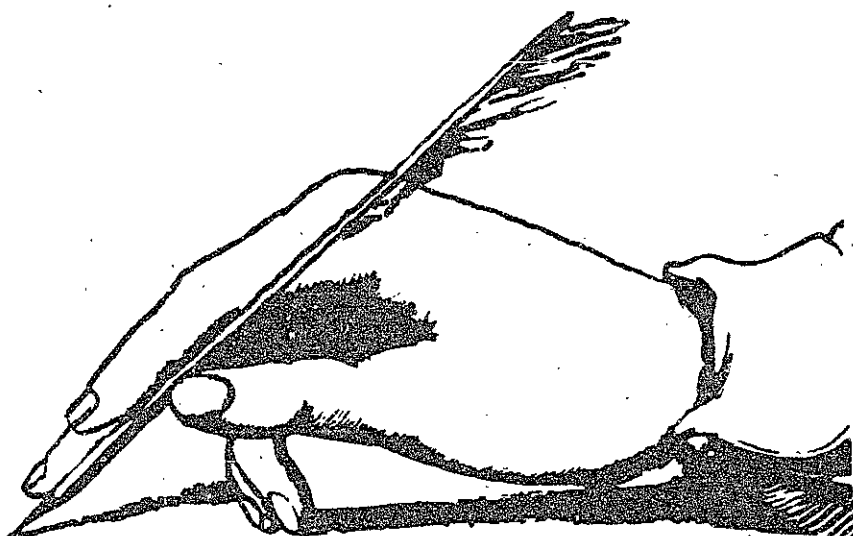
Seniors receive grad-school list

The Faculty - Graduate School Booklets for the Class of 1967 are now being distributed. Seniors living in either dormitories or fraternities should already have their copies; apartment dwellers may receive their copies at the Josh White booth in Building 10.

The booklet has been prepared mainly to assist those who are as yet unsure of what Graduate School they might wish to attend. Provided is an alphabetical listing, by department, of faculty members, their college affiliations, and fields of interest. It is hoped that one will obtain from these faculty members first-hand information concerning schools in which one is interested.

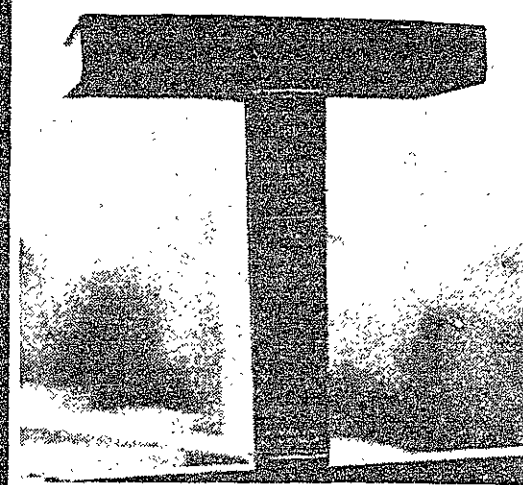
A number of extra booklets has been printed; interested non-seniors may acquire these at the Josh White booth also.

NOV. 3rd



AUTHORS' DAY

3rd in a Continuing Series



McGraw-Hill salutes its M.I.T. authors. At the Tech Coop.

McGraw-Hill invites you to an exciting display of books featuring M.I.T. authors.

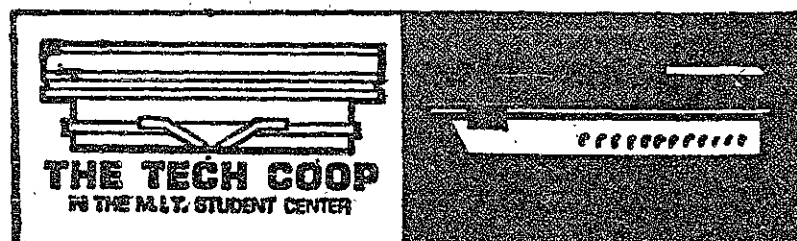
Thursday, November 3 at The Tech Coop Book Department. Meet McGraw-Hill Officers, Editors, Authors, 2 to 4 p.m.
McGraw-Hill Books (Bold Face authors are associated with M.I.T.)

William P. Allis and Melvin A. Herlin: THERMODYNAMICS AND STATISTICAL MECHANICS. \$8.50
Isadore Amdur and Gordon G. Hammes: CHEMICAL KINETICS. \$9.95
Michael Athans and Peter L. Falb: OPTIMAL CONTROL. \$19.95
Leonid V. Azaroff and Martin J. Buerger: THE POWDER METHOD IN X-RAY CRYSTALLOGRAPHY. \$11.00
Richard H. Battin: ASTRONAUTICAL GUIDANCE \$17.50
Manson Benedict and Thomas Pigford: NUCLEAR CHEMICAL ENGINEERING. \$12.50
Warren G. Bennis: CHANGING ORGANIZATIONS. \$6.95
Klaus Blemann: MASS SPECTROMETRY. \$14.50
Robert Bierstedt-Eugene Meehan-Paul A. Samuelson: MODERN SOCIAL SCIENCES \$3.95
John M. Biggs: INTRODUCTION TO STRUCTURAL DYNAMICS \$11.50
Charles Broxmeyer: INERTIAL NAVIGATION SYSTEMS. \$15.00
Britton Chance-Robert I. Hulsizer-E. F. MacNichol- F. C. Williams: ELECTRONIC TIME MEASUREMENTS, MIT Rad Lab Series, Vol. 20. \$11.00
Stephen H. Crandall: ENGINEERING ANALYSIS \$11.00
Stephen H. Crandall-Norman C. Dahl-Robert R. Archer-Nathan H. Cook-Frank A. McClintock-Ernest Rabinowicz-George S. Reichenbach: AN INTRODUCTION TO THE MECHANICS OF SOLIDS. \$9.95
Wilbur B. Davenport, Jr. and William L. Root: INTRODUCTION TO RANDOM SIGNALS & NOISE. \$12.75
J. P. Den Hartog: MECHANICAL VIBRATIONS 4/e. \$11.00
J. P. Den Hartog: ADVANCED STRENGTH OF MATERIALS. \$10.75
Robert Dorfman-Paul A. Samuelson-Robert M. Solow: LINEAR PROGRAMMING AND ECONOMIC ANALYSIS. \$11.00
Raymond D. Douglass-Douglas P. Adams: ELEMENTS OF NOMOGRAPHY. \$7.50
Robley D. Evans: THE ATOMIC NUCLEUS. \$16.00
W. Maurice Ewing-Wenceslas S. Jardetzky-Frank Press: ELASTIC WAVES IN LAYERED MEDIA. \$14.00
Franklin M. Fisher: THE IDENTIFICATION PROBLEM IN ECONOMETRICS. \$8.95
A. E. Fitzgerald and Charles Kingsley, Jr.: ELECTRIC MACHINERY 2/e. \$12.75
Nathaniel H. Frank: INTRODUCTION TO ELECTRICITY AND OPTICS 2/e. \$7.95
Nathaniel H. Frank: INTRODUCTION TO MECHANICS AND HEAT 2/e. \$8.50
Philip Franklin: COMPACT CALCULUS. \$7.50
Philip Franklin: DIFFERENTIAL AND INTEGRAL CALCULUS. \$8.95
Philip Franklin: METHODS OF ADVANCED CALCULUS. \$10.00
A. M. Gaudin: FLOTATION 2/e. \$14.50
A. M. Gaudin: PRINCIPLES OF MINERAL DRESSING. \$14.00
Billy E. Goetz: QUANTITATIVE METHODS. \$9.95
Cecil E. Hall: INTRODUCTION TO ELECTRON MICROSCOPY 2/e. \$17.50
Leicester F. Hamilton and Stephen G. Simpson: CALCULATIONS OF ANALYTICAL CHEMISTRY 6/e. \$6.95
Louis Harris and Arthur L. Loeb: INTRODUCTION TO WAVE MECHANICS. \$9.95
Norman N. Holland: PSYCHOANALYSIS AND SHAKESPEARE. \$9.95
Jerome C. Hunsaker and B. G. Rightmire: ENGINEERING APPLICATIONS OF FLUID MECHANICS \$9.95
Arthur T. Ippen, Editor: ESTUARY AND COASTLINE HYDRODYNAMICS. \$28.50
P. L. Kelley-Benjamin Lax-P. E. Tannenwald: PHYSICS OF QUANTUM ELECTRONICS, Conference Proceedings. \$24.00

Charles F. Kindleberger: ECONOMIC DEVELOPMENT 2/e. \$8.95
J. G. Kirkwood and Irwin Oppenheim: CHEMICAL THERMODYNAMICS. \$9.50
J. Halcombe Laning, Jr. and Richard H. Battin: RANDOM PROCESSES IN AUTOMATIC CONTROL. \$13.50
Benjamin Lax and Kenneth J. Button: MICROWAVE FERRITES AND FERRIMAGNETICS. \$18.50
Warren K. Lewis-Arthur H. Radasch-H. Clay Lewis: INDUSTRIAL STOICHIOMETRY 2/e. \$10.50
Kurt S. Lion: INSTRUMENTATION IN SCIENTIFIC RESEARCH. \$11.50
William H. McAdams: HEAT TRANSMISSION 3/e. \$13.50
Douglas McGregor: THE HUMAN SIDE OF ENTERPRISE. \$5.95
Harold S. Mickley-Thomas K. Sherwood-Charles E. Reed: APPLIED MATHEMATICS IN CHEMICAL ENGINEERING 2/e. \$10.75
Philip M. Morse and Herman Feshbach: METHODS OF THEORETICAL PHYSICS, Parts I & II. \$17.50 each, \$35.00 Set
Philip M. Morse: VIBRATION AND SOUND 2/e. \$10.50
Charles H. Norris-Robert J. Hansen-Myle J. Holley, Jr.-John M. Biggs-Saul Namyet-John K. Minami: STRUCTURAL DESIGN FOR DYNAMIC LOADS. \$14.50
Otto Oldenberg and Norman C. Rasmussen: MODERN PHYSICS FOR ENGINEERS. \$9.95
Carl F. J. Overhage: THE AGE OF ELECTRONICS. \$7.95
Paul Pigors and Charles A. Myers: PERSONNEL ADMINISTRATION 5/e. \$8.95
Paul Pigors-Charles A. Myers-F. T. Maim: MANAGEMENT OF HUMAN RESOURCES. Hard \$7.50, Soft \$4.95
Paul Pigors and Faith Pigors: CASE METHOD IN HUMAN RELATIONS. \$8.95
John B. Rae and Thomas H. D. Mahoney: THE UNITED STATES IN WORLD HISTORY 3/e. \$8.95
A. R. Rogowski: ELEMENTS OF INTERNAL COMBUSTION ENGINES. \$8.50
Bruno Rossi: COSMIC RAYS. Hard \$7.00, Soft \$2.95
John T. Rule and Steven A. Coons: GRAPHICS. \$9.50
William W. Seifert and Carl W. Steeg: CONTROL SYSTEMS ENGINEERING. \$18.50
Robert C. Reid and Thomas K. Sherwood: THE PROPERTIES OF GASES AND LIQUIDS 2/e. \$13.50
Paul A. Samuelson: ECONOMICS 6/e. \$8.50
Paul A. Samuelson-John R. Coleman-Robert L. Bishop-Philip R. Saunders: READING IN ECONOMICS 4/e. Hard \$5.95, Soft \$3.95
Thomas K. Sherwood and R. L. Pigford: ABSORPTION AND EXTRACTION 2/e. \$12.75
Robert R. Shrock: SEQUENCE IN LAYERED ROCKS. \$12.50
Robert R. Shrock and William H. Twenhofel: PRINCIPLES OF INVERTEBRATE PALEONTOLOGY. \$14.00
John C. Slater: INTRODUCTION TO CHEMICAL PHYSICS. \$10.50, \$3.95
John C. Slater: MODERN PHYSICS. \$8.95
John C. Slater: QUANTUM THEORY OF ATOMIC STRUCTURE, Volumes I & II. \$13.00 each, \$26.00 Set
John C. Slater: QUANTUM THEORY OF MATTER. \$9.50
John C. Slater: QUANTUM THEORY OF MOLECULES AND SOLIDS, Volumes I & II. \$13.00 I, \$15.50 II
John C. Slater: INSULATORS, SEMICONDUCTORS, & METALS, Volume III of QUANTUM THEORY OF MOLECULES AND SOLIDS. \$15.50

84 Massachusetts Avenue
M.I.T. Student Center

Store Hours: Monday thru Saturday, 8:30 a.m. to 5:30 p.m.



OUR 50th ANNIVERSARY YEAR

Innisfree gets new constitution

Last Thursday Innisfree Magazine ratified a new Constitution, creating an entirely new function-oriented masthead. Chiefly the Constitution allowed for only three elective officers, Publisher, Editor and Business Manager, the rest of the officers all being appointive.

At the same meeting elections were held to fill the three posts. Elected were: James A. Smith '69, Publisher; Sam Cohen '68, Editor; and Neal Wasserman '69, Business Manager.

The first issue under the new setup comes out November 1.

Noonhour seminar

Forrester leads "Encounter"

By Steve Carhart

"Encounter" is the fitting name given by the Student Center Committee to a new series of lunch-time discussions with prominent members of the MIT Community. Each Thursday at noon, the East Lounge of the Student Center plays host to anyone who wants to stimulate his mind as well as his stomach. There is no charge or fixed program; each participant may bring up any topic which interests him. One may bring a lunch, buy a lunch in Lob-dell, or go hungry.

Forrester speaks

The first of this new series of seminars was held Thursday. The guest was Jay W. Forrester, Professor of Management, who spoke to a large group of interested students and faculty.

One of the major topics of discussion was Professor Forrester's approach to his new book, which will be a less technical treatise on somewhat the same problems dealt with in his previous book, *Industrial Dynamics*. In his new book, Professor Forrester hopes to present scientific analysis of corporate systems in a manner understandable to those who have not had sufficient mathematics



Photo by John Roderick

Professor Jay W. Forrester (rear), Professor of Management, leads discussion Thursday in the first of the weekly lunchtime "Encounter" discussions held in the Student Center.

background in order to understand many of the analytical techniques currently employed in this field. He hopes to accomplish this by using integration rather than differentiation which, he feels, is not as natural a concept, to explain the relationships which arise in detailed analyses of corporations.

Engineering and Management

Later the discussion moved to the relationship between engineering and management, a field in

which Dr. Forrester has done a good deal of writing. The problems considered in management involved, said Dr. Forrester, a number of the same concepts with which engineers are faced, but on a much more complex and less clear level. Working with people is every bit as worthy a challenge as working with physical laws, and it offers the added difficulty that it is much more difficult to analyze human interaction than a chemical reaction.

Need for non-specialization

The person who will be of greatest importance in the future, then, will be the one who can master both technology and "humanology," that is to say, one who can work within and between many fields and penetrate to that which is really of importance in any given activity.

A problem, however, arises when we set out to educate such people. Too often an interdepartmental course becomes a haven for those who are not really competent in any one field. Then again, the serious interdepartmental major often becomes the target of pressure from both of his departments to change to a full departmental major or meet the standard major requirements of both departments and in effect have two majors. Often the solution is to become fully competent in one field before branching out.

Mathematical models

Another topic which was touched on was the difficulty that arises when one attempts to build a mathematical model of a human institution such as a business. Most models of a business are perhaps ten times more complex than those ordinarily dealt with, and even these leave much to be desired insofar as predicting the behavior of a real system goes.

Future "encounters"

Future discussions promise to be as rewarding as that led by Professor Forrester. The upcoming guests include: Oct. 27, Hans-Lukas Teuber, Head of the Department of Psychology; Nov. 3, Roland B. Greeley, Director of Admissions; Nov. 10, Ross H. Smith, Director of Athletics; Nov. 17, John Wulff, Professor of Metallurgy; Dec. 1, Charles Stark Draper, Director of the Instrumentation Laboratory; and Dec. 8, William C. Greene, Professor of Humanities.

Christmas in California
 ★★ Spend your vacation in California this year.
 ★★ Board a Non-Stop Jet.
 ★★ 2 bags free plus carry on.
 ★★ Return any time*.
 ★★ Save \$89.00 over regular airfare (\$230.89) tax inc.)
 Call
Parker Travel Bureau
 (Opp. S.U.) 566-4087
 *NOW—Reservations are limited so reserve your seat now.
 *Min. stay 10 days.

ONLY \$2

WHY NOT?

in concert

JOSH WHITE

This Friday 8:00 P.M.

Tickets Available In Building 10

CAREER NEWS FROM HUGHES

Aerospace Divisions in Southern California

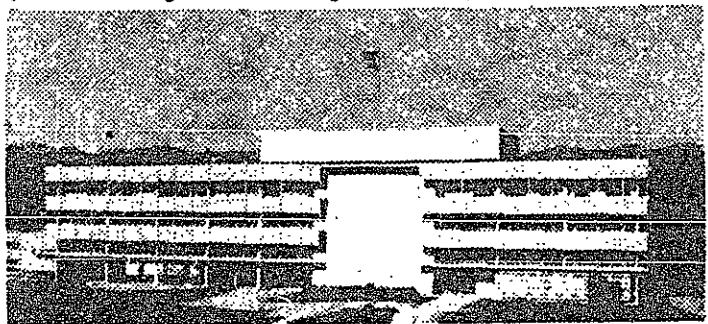
NEW AND CONTINUING PROGRAMS AND PROJECTS

PHOENIX Missile & Fire Control System
 SURVEYOR Lunar Landing Spacecraft
 Synchronous Communications Satellites
 TOW Anti-Tank Missile System
 ATS (Applications Technology Satellites)
 AIM-47A/AIM-4E Missiles
 VATE Automatic Checkout Equipment
 CORDS

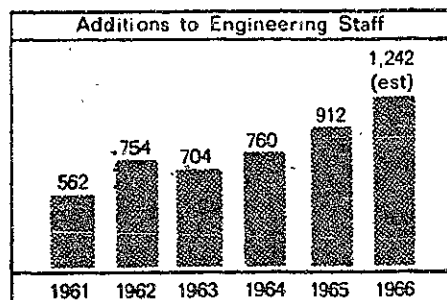
These examples of Hughes Aerospace activities are representative of more than 230 major product and service capabilities ranging from aerospace vehicles to ASW systems. Diversification such as this promises long-range stability both for the company and its employees.

NEW MISSILE SYSTEMS DIVISION

More than 900 engineers, scientists and technicians will soon be at work on expanding R & D programs at Hughes new 85-acre Canoga Park complex in the San Fernando Valley. Unexcelled facilities and the professional atmosphere at Hughes encourage creativity and achievement.

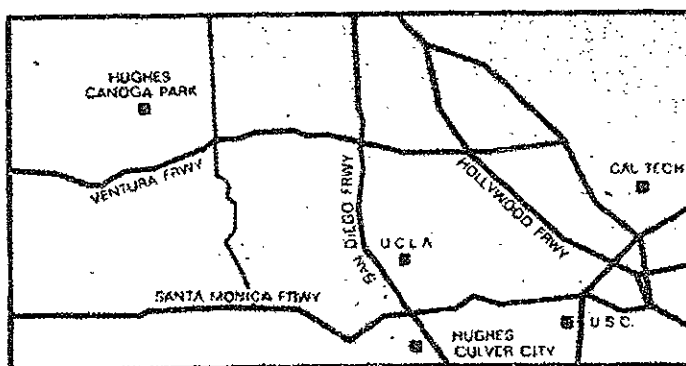


GROWTH OF THE ENGINEERING STAFF



Of the over 11,000 employees of the Aerospace Divisions, almost 4,000 are Members of the Technical Staff. Average experience is 11.7 years. Average age is 37.9 years.

HUGHES-CULVER CITY/CANOGA PARK



Hughes Aerospace Divisions at Culver City, and Canoga Park offers Engineers and Scientists a unique combination of urban and suburban advantages. Located adjacent to major freeways. Los Angeles Civic Center is about a half-hour distant—beaches, just a short drive. Attractive residential neighborhoods are nearby. U.C.L.A., U.S.C. and Cal Tech offer outstanding educational facilities.

CAMPUS INTERVIEWS October 31 & November 1

HUGHES

HUGHES AIRCRAFT COMPANY
 AEROSPACE DIVISIONS

An equal opportunity employer / U.S. citizenship required

IMPORTANT OPPORTUNITIES, steady growth, diversification, long-range stability, professional atmosphere, advanced facilities, fine living conditions—these are the advantages which Hughes Aerospace Divisions can offer you at Culver City and Canoga Park.

For additional information and to arrange an appointment with our Technical Staff Representatives, please contact your College Placement Office or write: Mr. Robert A. Martin, Head of Employment, 11940 W. Jefferson Blvd., Culver City, California 90230.

Students and the draft

To the editor of a student newspaper the United States mail system is one huge conduit of other people's propaganda. Lately, with the exception of the usual garbage from the campaign headquarters of Massachusetts politicians, the entire flow of material seems to be based on the same triple theme: 'The Student, Viet Nam, and the Draft.'

Last weekend a 'northeastern regional conference on Students, the University and the Draft' was being held at City College of New York under CCNY physics professor Arthur Bierman.

Cornell's student government writes a friendly letter containing their student government's random resolutions against the war in Viet Nam, the draft, etc, and invites us to sign their resolutions and organize a conference on (you guessed it) Viet Nam and the Selective Service.

And so the mail goes, full of sound and fury, signifying nothing. What bothers us is not the fact that so many students and faculty are so busy resolving and conferring, at worst it serves to let off steam, while at best it provides a worthwhile and sometimes thoughtful cross discussion of the issues at stake. The sad fact is that as long as the same groups of students and faculty keep on talking to themselves at conference after conference and meeting after meeting their effectiveness will continue to be negligible.

In fact there seems to be some sort of game within the half real world of national student politics. The rules seem to say that the only way to become a big wheel in the National Students Association or one of the other national student organizations, to get yourself written up in 'Time' or 'Newsweek,' or to bring the status of a 'Berkley' to your campus, is to organize your own protest conference, bigger and better than the last one. It's the in way to be.

Meanwhile the real opportunities for student and other academic based opinions to make themselves heard seem to get lost in the shuffle. New York Timesman James Reston pointed out a classic example in the October 16th issue of the Sunday Times.

Reston wrote about the President's National Advisory Commission on the Selective Service which President John-

son appointed early last summer. This commission's purpose is to present recommendations to the President on the entire question of future draft policies, including the concept of voluntary or compulsory service to the poor and aged, yet even the most ardent activists ignore its existence.

It's about time the university activists stopped talking to each other and started talking to the real world.



Vol. LXXXVI, No. 40 Oct. 25, 1966

BOARD OF DIRECTORS		
Chairman	Dave Kress	'67
Editor	Charles Kolb	'67
Managing Editors	Robert Horvitz	'68
	Mark McNamee	'68
Business Manager	Guille Cox	'68
News Editor	Gerry Banner	'68
Features Editor	Mike Rodburg	'68
Sports Editor	Tom Thomas	'69
Photography Editor	Lew Golovin	'67
Entertainment Editor	Andy Seidenfeld	'68
Business Representative	Nick Covatta	'68
Editorial Associate	Jeff Stokes	'68
Associate News Editors	Mark Bolotin	'68
	John Corwin	'68
Associate Sports Editor	Larry White	'69
	Tony Lima	'69
Intramural Sports Editor	Herb Finger	'68
Associate Photography Editor	Bill Ingram	'68
	Jeff Reynolds	'69
Copy Editor	Brian Harvey	'69
Controller	Dave Dewitte	'69
Treasurer	Mike Ginsberg	'69
Accts Receivable	Dan Green	'68
Nat'l Adv. Mgr.	Jack Swaim	'68
Bookkeeper	Ed Walbel	'69

Managing Staff	Jerrold Grochow	'68
	Paul Richter	'68
	Steve Swibel	'68
News Staff	John Havelkotte	'68
	Susan Downs	'68
	Dave Kaye	'68
	Geoff Russell	'69
	Mike McNutt	'69
Features Staff	Stew Blickman	'69
	Jeff Weissman	'69
Sports Staff	Russell Mostoller	'68
	Arman Vateressian	'68
	Tom James	'68
	John Koplow	'68
	John Steele	'67
	Bob Sultan	'68
	Chuck Hottinger	'67
	Jim Ankaskas	'69
	Scudder Smith	'69
Entertainment Staff	Don Davis	'67
	Sherry Gulmon	'68
	Eric Goldner	'68
	Dan Asimov	'68
	Jack Donahue	'69
	Tom Marks	'69
	Thomas Nesbitt	'69
Photography Staff	Gene Skrabut	'69
	Art Kalotkin	'68
	Ed Lamon	'67
	Steve Rife	'67
	Pete Blicher	'69
	Chuck Howey	'69
	George Flynn	'68
	Dave Pack	'68

Second-class postage paid at Boston, Massachusetts. The Tech is published every Tuesday and Friday during the college year, except during college vacations, by The Tech, Room W20-483, MIT Student Center, 84 Massachusetts Ave., Cambridge, Massachusetts 02139. Telephone: Area Code 617, 876-5855, and 864-6900 extension 2731. United States Mail subscription rates: \$4.25 for one year, \$8.00 for two years.

Front page photo of the Green Building taken by Brad Williamson

ACTIVITIES '66

By Ron Kole

As Technique's sales campaign for the new school year begins, editor Roy Gamse is promising a fresh approach to his prospective readers. In fact, this year's volume is due for a major facelift.

In the past, Technique has used the same basic format each year. This has been a sixty-four-page opener of general interest followed by a chronological cataloguing of the year's major events. Next came the activities sections and then the seniors.

Viewpoints, photo-essays

This year the opener, which is the section of interest to most people, will be twice as long. The same bright beginning of past years will fill the first sixty-four pages, followed by Technique's new look. The second sixty-four pages will be what Gamse calls the "Viewpoint section." This will be a series of short articles and photo-essays covering more diverse aspects of MIT. To be covered are such topics as the co-ed's place at MIT, results of interviews with Benson Snyder, the campus psychiatrist, and personality sketches of Tech faculty members.

The activities section will also

be on a new level. The plan is to group similar activities together under basic headings such as entertainment and sports instead of listing them in order of occurrence. This grouping is chosen to present a more unified picture of the activities. Emphasis will be on good material, not on just filling a quota of pages per article. Any space not filled by good solid copy will be used for pictures, including about twice as many color pictures this year.

A book for everyone

The result of all these changes won't be a longer book, just a better organized one. For instance, much valuable space will be gained by putting the senior biographies on the same pages as the pictures. Thus the '67 Technique will be less a senior book and more a book for everyone.

Roy Gamse sums up the new look of Technique by saying. "These are the kinds of things that twenty years from now won't show me what happened at MIT, but rather what the place was like."

(Activities '66 is a series handled jointly by the Public Relations Committee of Incomm and The Tech.)

College World

By Mickey Warren

In the interest of promoting the making of spirit, the Delta Delta Delta sorority of the University of Southeastern Louisiana sponsored a "Yell like Hell" contest. Nine campus organizations entered the affair. Contestants were allowed to use any props, employ cheerleaders, banners, pompoms, hand motions and even plungers to raise spirit. Contestants were rated on the size, noise and enthusiasm.

Supreme Court

Richmond Professional Institute has refused to register a student because of a beard and long hair that the aspiring student sports. The student, Norman Thomas Marshall, applied to the American Civil Liberties Union for legal assistance. After being tossed around in several lower courts, the case has finally made the big time. It is now on the schedule for the next sitting of the United States Supreme Court.

Equality for the Masses

St. John's University has several elevators in buildings around the campus reserved only for members of the faculty and basketball players. However, all students regardless of race, creed, color or athletic ability, may use the toilets.

According to a University of Texas Survey, the sixteen most prevalent vices among college students during the Prohibition period of the 1920's were: sex irregularities, cheating, stealing, lying, vulgar talk, swearing, gambling, selfishness, drinking, idleness, gossip, sabbath-breaking,

extravagance, snobbishness, smoking and dancing.

The University of Oregon seems to be endowed with parking lots that just beg for cars. Two faculty lots were observed to be less than half filled for most of the school year. Another faculty lot never had more than 25 cars parked in it. The University has decided to consolidate the faculty lots and use the remaining space for student parking.

Operation MisMatch

The students of St. John's University seem to have been getting the raw end of computer aided dates. To put the personal touch in blind dating, the sisters of Lambda Chi sorority devised their own computerless Operation Match. About 100 entrants completed the necessary forms. Dates were set up according to the answers on the questionnaires as well as the personality of the participants as known by the sisters.

Batman Rides Again

If a Columbus, Ohio billboard printing company had its way, Batman would be dead. So was the message pasted over several billboards surrounding Ohio State University. Several members of Sigma Pi fraternity, worried that the dastardly rumor might be correct, sent an urgent telegram to Batman asking if he were indeed alive. Batman sent the fraternity a return telegram advising them that he was alive and needed their continuing help in fighting crime in Ohio.

Kicking Vending Machines

In an attempt to save the vending machines from the angry feet of students and promising young soccer players, the University is starting an educational campaign to make sure that students realize that profits from the machines go towards their education. When the machine fails, angry students take out their frustrations on the machines. The University has set up complaint booths around the campus, hoping that a segment of the students will vocalize their complaints.

Letters to The Tech

Inside view

To the Editor:

Since the Peace Corps is planning a recruiting trip to MIT this fall, I write to express a few independent ideas which may be of general interest. I think your paper would be an effective means of presenting them.

I would propose that the Peace Corps' basic functions are, in chronological order:

- 1) To give you some basic training (mostly in the language);
- 2) To place you in a job (with a host country organization);
- 3) To pay you.

Thus, you could view the Peace Corps as a type of employment agency that pays salaries instead

of receiving fees. But, not surprisingly, the Peace Corps does not care to accept the parallel. Unfortunately, the predominant attitude which starts with the application and prevails heavily throughout the training is so heavily 'do you really want to do it?' that you'll have a great difficulty finding out what the 'it' is that you may want to do. This means that going through training will not give you a clear idea of what your work will be overseas (unless yours is a rare training program).

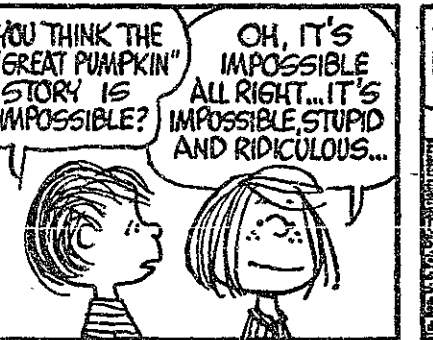
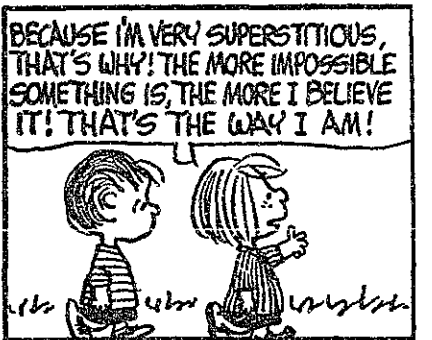
If this vagueness doesn't discourage you, and if you do arrive overseas, I think you'll find that technical jobs (in the broad sense) of a professional nature are available, and that you will be well received in them—prob-

ably much better than if you were a liberal arts major working in the rural areas.

Your overseas pay varies from country to country and may or may not be sufficient. Unfortunately, where I am it's not. I think a general average in Latin America would be the equivalent of \$100 monthly, in the host country's currency.

With respect to the language: In two years a person in his early twenties can learn a new language quite well, but ten years later it would be much more difficult for most people, and in this respect Peace Corps service is very timely for a recent grad.

Bill Graham '64
Casilla 27-D
Santiago, Chile



VOODOO

helps stop inflation!

New Low Price: 35c

BUY:

"The VooDoo Handbook for the Reticent Collegian"
ON SALE FRIDAY, OCT. 28

★ BUILDING 10

★ BUILDING 2

★ SLOAN BUILDING

★ STUDENT CENTER

VOODOO is MORE than a magazine

... It is a way of life

May result in retrial

Spy trial centered on blueprint

(Continued from Page 1)

timony he presented to the court a drawing that he had made in his prison cell. He testified that it was a "rough reproduction" of a paper he had given his sister, showing his view of how the Nagasaki plutonium device was constructed.

Evidence impounded

Greenglass hadworked as a machinist at Los Alamos during the time at which the atomic device was constructed, hence his drawing was viewed by the court as a sort of plan for a plutonium bomb. Therefore the part of the court record containing testimony pertaining to the drawing was impounded so as not to endanger the security of the United States.

The Counsel for the Defense, Emmanuel Bloch, a New York Labor union lawyer, said he was not interested in testing the quality of this evidence, because to do so would mean sacrificing the security of the nation by making public information about the im-

plosion mechanism that triggers the bomb. This decision came in spite of the Government's willingness to drop security because Bloch was troubled with severe political difficulties in New York, and the responsibility for giving the enemy an edge would certainly destroy him politically.

Evidence released

Thus the court records were impounded until, this year, new lawyers became interested in the case. Upon looking into the case they discovered that the hidden documents were available for appeal, but not for publicity. They felt that a nineteen-year-old machinist with no college experience could hardly be expected to transmit specialized technical information without coaching, and they turned to Dr. Morrison for a judgment of Greenglass's drawing.

Drawing inaccurate

Since Dr. Morrison had worked on Project Manhattan at Los Alamos, and because of his ex-

pert background, he was a logical choice to make an appraisal of the diagram. Dr. Henry Linschitz, who had been the boss of David Greenglass at Los Alamos, and who is now a professor at Brandeis, was also asked for his opinion. Both men were of the opinion that the drawing was the work of a person with limited training, who had indeed worked on an implosion device. The picture mixed things up, and was apparently how Greenglass saw, "from gossip and his own work, the implosion bomb." As the information the drawing contained was not of technical significance the drawing was made public.

Professor Morrison then stated that his testimony does not infringe on the guilt of the stealing of classified information, but he feels that the trial was based on the issue that the drawings were the "hot blueprints of the atomic bomb," and that excessive courtroom theatrics resulting in the exaggeration of the significance of the diagram might have influenced the decision of the jury. He believes, as apparently does the Government, that the case is similar to that of the man who broke a jewelry store window to steal an expensive diamond necklace and later discovered that the necklace was only of rhinestones.

Retrial possible

The New York lawyers presented their case for an evidential hearing, and a decision should be soon forthcoming. If the hearing is held, Morton Sobell will be brought to court, and the hearing will be on errors in the old trial. The judge then could dissolve the old trial and hold a new one. Optimists feel that such a new trial will pardon Sobell, and save him from another fifteen years in prison.

Deep-sea photos led to sonar work

(Continued from Page 1)

gressed to the point where he now uses sonar to map beneath the sea floor. In this manner sub-bottom mappings of Boston Harbor, Monaco Bay, and the English Channel have been obtained.

Aid to archeology

His work has even found application in archeology. On November 2, he will be cruising the waters off the coast of Greece in search of sunken ships of archeological importance which may have settled under the ocean's floor.

Although Professor Edgerton is genuinely interested in students and teaching, he is not offering a course this term as he is on a leave of absence. Last year he taught a class entitled "Electronic Light Measurements" (6.202), which he describes as "largely a course in instrumentation."

Screwdriver and soldering iron

As any enumeration of his research reveals, Dr. Edgerton is particularly interested in laboratory work. In fact, he maintains, "I'm never happy without a screwdriver and soldering iron in my hip pocket." Nonetheless, he is quick to add that "I can use a pencil," and as an electrical engineer is "trying to exploit Maxwell's equations in all possible ways."

Scuba Diving Classes

Seven Days a Week.

All Equipment Supplied.

Avenue 2-5818

TWA 50/50 CLUB

This identification card entitles:

NAME _____
to purchase transportation for self only, subject to conditions on reverse side.

Male ☐ Female ☐ Hair Color _____ Eye Color _____

THIS CARD EXPIRES ON _____ (2nd Birthday)

SIGNATURE - Card Holder _____
FOR AGES 12 THRU 21

With this card
the bookworm turns...
into an adventurer.

Join TWA's
50/50 Club and get
up to 50% off regular
Jet Coach fare.

It's easy. If you're under 22,
just fill out an application, buy
the \$3.00 ID card—and you're on
your way to any TWA city in the
U.S. for half fare. Your 50/50 Club
fare is good most all year*, when
you fly on a standby basis.

To get your card, call your travel
agent, or your nearest TWA office.

We're your kind of airline.

Nationwide
Worldwide
depend on



*Except: Nov. 23 and 27, Dec. 15 thru 24, Jan. 2, 3, 4.

Tanks to battle rough course, water in Field Day race

(Continued from Page 1)

The tank, which must be steered from inside, is to be camouflaged and carry safety equipment, that class's flag, and a turret gun capable of projecting water. Five of the points for the event will be awarded for the

most imaginative tank-passenger combination.
The Nursing Corps Training will require six coed "nurses" from each class, as well as the President and Vice-President of the Class of '70, the President of the Class of '69, and the Q-Club President. Half of the points will

be given to the class with the best dressed "nurses," who may be dressed either in white or in the class color. No information has been released on Discipline Maneuvers.
There will be two tug-of-wars—the Freshman-Sophomore General Unlimited and the Freshman-

Sophomore Coed Limited. The Coed Limited, worth five of the points, shall have no more than 15 coeds on each side. In the General Unlimited "the center of the rope will be situated over an area the nature of which shall be such that neither team should desire to lose."

In the Glove Fight, each participant will receive one glove of his class color. The object of the game is to capture as many of the opposing class's gloves as possible within the 15 minute time limit. The team which has the most gloves (by weight) in its barrel wins the event.

be a Hero . . .

or "How to practice your one-upmanship on industry". We do it all the time at LTV Aerospace Corporation — dreaming up big shiny things like a plane's plane or a missile's muscle. In fact, our Hero engineers have come up with some of the nation's superest Super Stars. The word is out that there are some great star gazer spots open now (some earthy ones, too). So whether you're a circles, waves or angles engineer, you, too, can be a Hero in such areas as

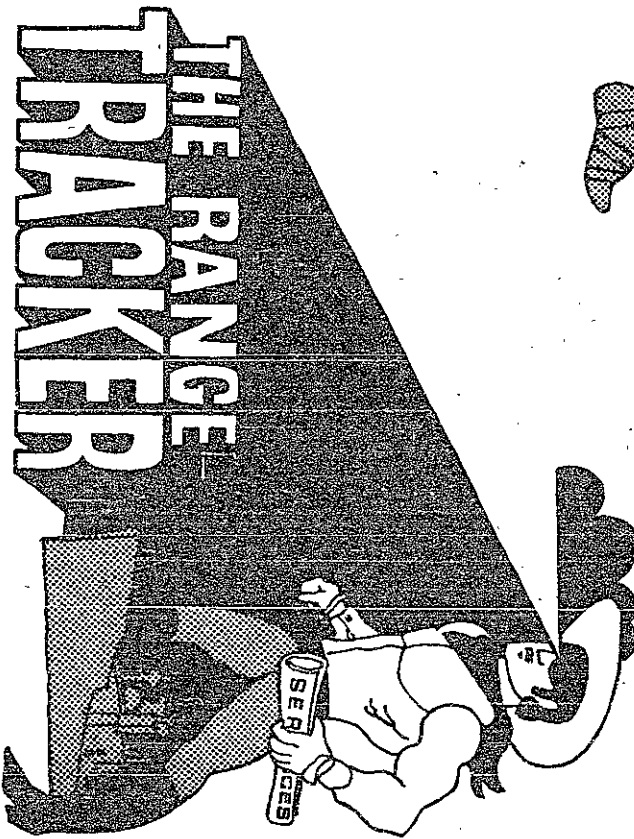
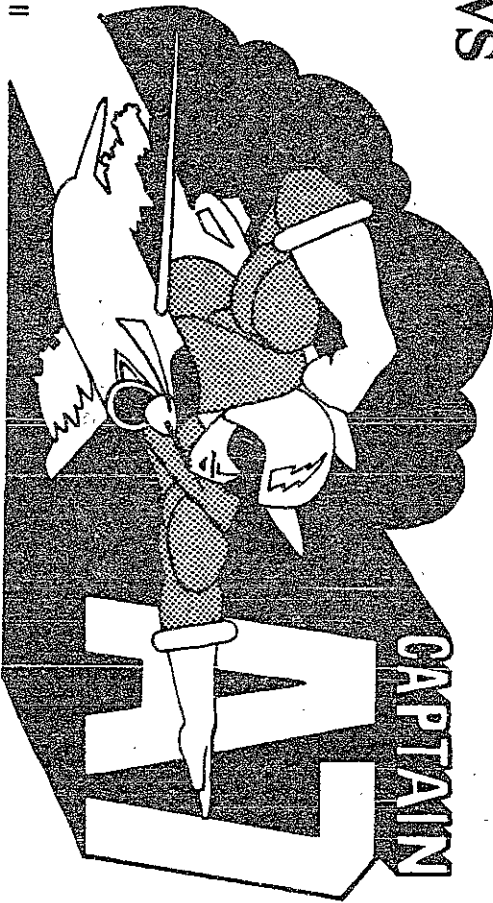
- aerodynamics ☐ avionics and instrumentation ☐ airframes design ☐ systems analysis ☐ reliability ☐ dynamics
- ☐ systems design ☐ propulsion ☐ stress analysis ☐ industrial engineering ☐ technical administration . . . and others.

Get the whole story. Ask your Placement Office, then see our representative when he visits your campus (he'll swell with pride if you ask, "how's your LTV bird?"). Or write College Relations Office, LTV Aerospace Corporation, P.O. Box 5907, Dallas, Texas 75222. LTV is an equal opportunity employer.

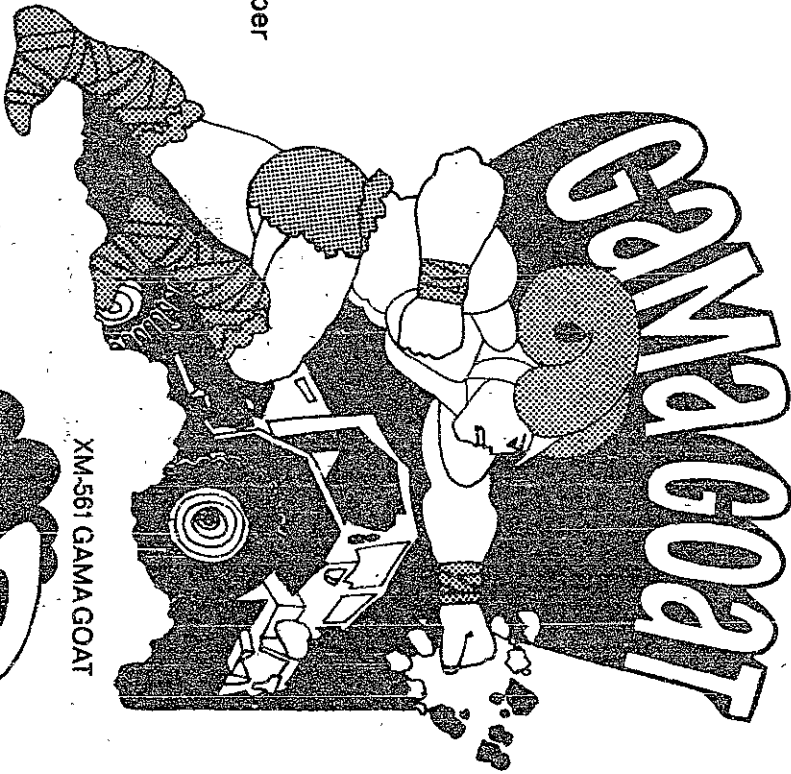
CAMPUS INTERVIEWS

November 4

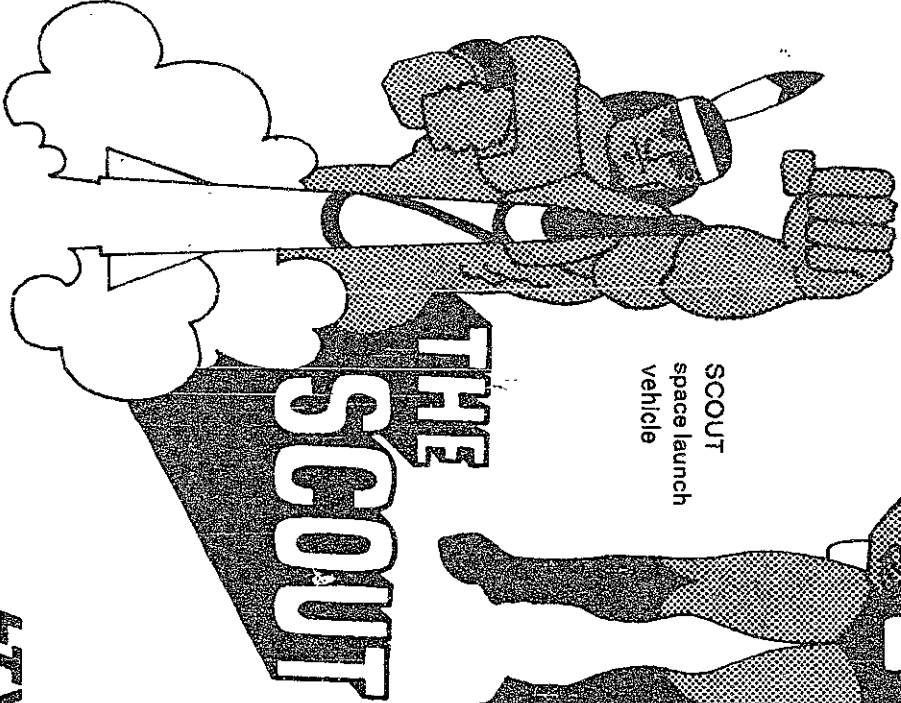
A-7 Corsair II



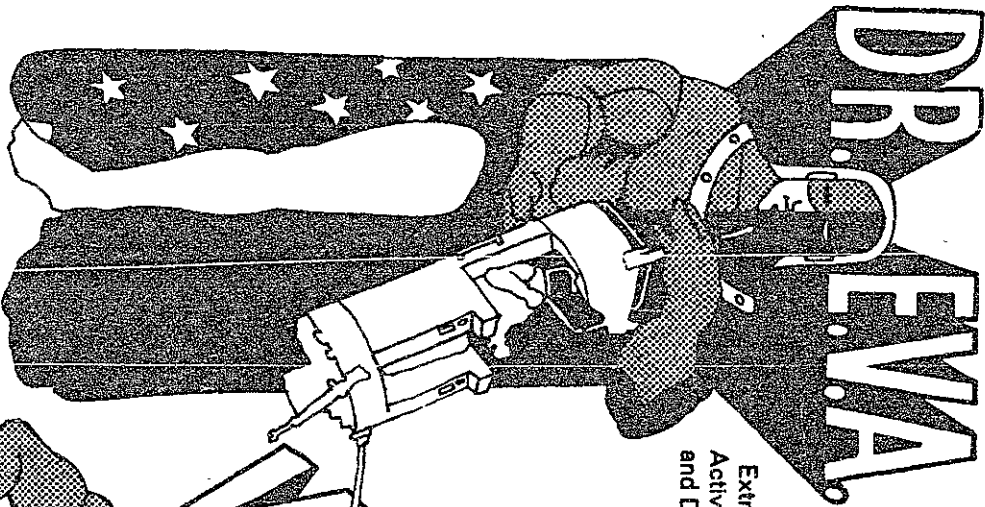
World-wide Engineering and Technical Services/Ships Instrumentation



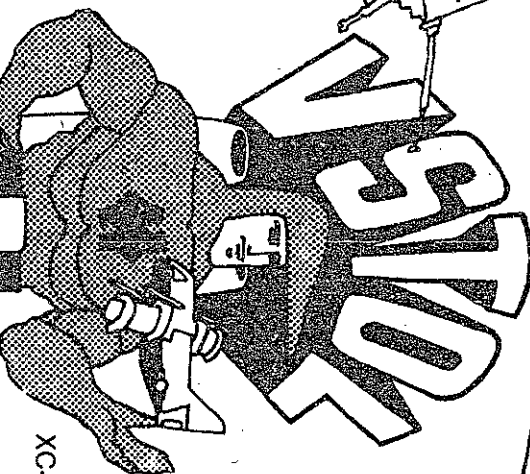
XM-561 GAMA GOAT



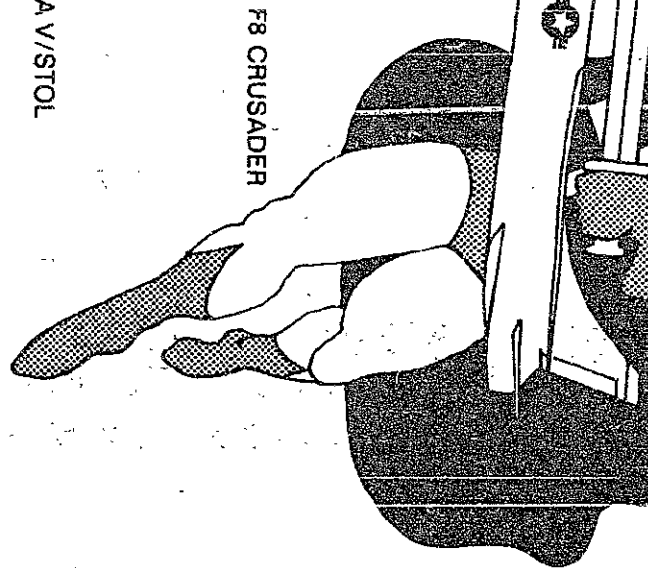
SCOUT
space launch
vehicle



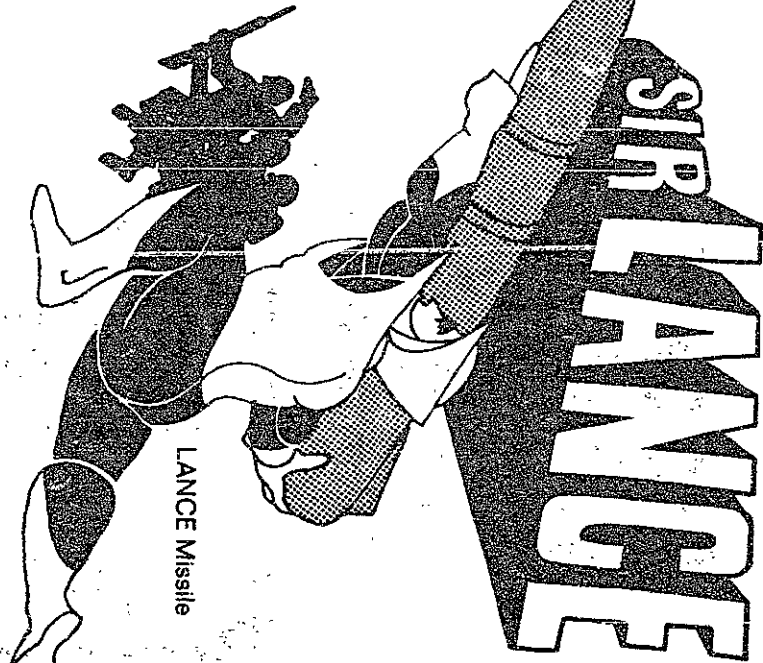
Extra Vehicular
Activity Research
and Development



XC-142A V/STOL



F8 CRUSADER



LANCE Missile

LTV AEROSPACE CORPORATION
A subsidiary of LING-TENGO-VOUGHT, INC.
LTV ASTRONAUTICS DIVISION • LTV MICHIGAN DIVISION • LTV RANGE SYSTEMS
DIVISION • LTV VOUCHT AERONAUTICS DIVISION • KENTRON HAWAII, LTD.

Pusey, Fagarty to speak at research center opening

Dedication ceremonies for the Harvard-developed New England Primate Research Center will be held on Monday afternoon, November 14 at 4:00. Harvard University President Nathan M. Pusey will preside and US Representative John E. Fagarty of Rhode Island will deliver the dedicatory address.

Rep. Fagarty is well known as a major congressional spokesman for medical research. He will represent the National Institutes of Health, which subsidized the two and one-half million dollar project.

The research center, which is the first of its kind in this part of the country, is located on a 140-acre plot in Southborough, Massachusetts. Its facilities are open to the faculty of any institution of higher learning in the New England area.

DR. LOUIS Y. BARDFIELD OPTOMETRIST

ANNOUNCES THE OPENING OF HIS NEW OFFICE
879 BEACON STREET
AT PARK DRIVE — BOSTON

Specializing in the fitting of
CONTACT LENSES
436-1222

movies . . .

'Dead Heat...' is a medley of confusion

By Paul Lindsay

The makers of 'Dead Heat On a Merry-Go-Round' have decided to give the same old story another go around. It is the perfect execution of another perfect crime done in James Bond modern.

Robbing the International Bank of Commerce at Los Angeles International Airport is not easy, especially when the airport is swarming with police because the Soviet Premier is arriving, but a fearless foursome headed by super con artist Ely Kitch (James Coburn) demonstrates once again that bank robbery is only a sophisticated form of shoplifting. The movie proves quite unequivocally that the real problem in bank robbery is raising the money necessary to buy the bank plans, a problem which requires Coburn to seduce at least four women. Not having the good looks, good taste, and money that James Bond does, Coburn appropriately

'Dead Heat on a Merry-Go-Round,' with James Coburn as Ely Kitch, Camilla Sporu as Inger Knudsen; also with Aldo Ray, Nina Wayne, Robert Weber, and Todd Armstrong.

restricts himself to sleep-in maids. Raising money is not a problem for Coburn alone, it is also a problem for the viewer. For better than half the movie, one has absolutely no idea why Coburn is trying to raise \$90,000. In fact, for almost half the movie there is little indication that Coburn is doing anything except carrying on a series of unrelated seductions.

The vagueness of the plot is not the only thing to hamper the moviegoers' enjoyment of 'Dead Heat On A Merry-Go-Round,' the vagueness of the character Coburn portrays is another stumbling block. Coburn, in his role of con-man, assumes several aliases and their corresponding personalities. Yet, Ely Kitch, the con artist, has no personal identity of his own. The switch from one false identity to

another is so quick and absolute that the viewer often loses his bearings. Even after leaving the theater one has no distinct impression of the true character of Ely Kitch. There is no personality to pin all the aliases on, just a nebulous group of fake identities.

The tension that should arise from a thriller never appears in 'Dead Heat On A Merry-Go-Round.' The obstacles the burglars must overcome are too slight and the chances of failure are too small for any dramatic conflict to appear in the movie. The almost inexorable machinery of the robbery leads one to the inevitable conclusion that men who use women as their means always achieve their ends.

Charities Drive begins; Chairman Nichols sets year's goal at \$2,000

The annual Charities Drive, sponsored by TCA will be conducted next week, October 31-November 4. Donations will be collected within the living groups by the respective TCA chairmen. In addition a booth will be set up in Building 10.

The drive gives members of the MIT community a chance to make a single donation which can be applied to any charitable organization they designate. The principal beneficiaries of the drive are the United Fund, the World Service Organization and the Cancer Foundation. The United Fund is a local organization which collects and distributes funds for many charities. This eliminates the need and the inconvenience of individual drives throughout the entire Massachusetts Bay area.

Charities Drive chairman Jay Nichols '68 has set a goal of \$2000 for this year's drive. This is more than double the amount collected in last year's drive. In view of the MIT students' increased awareness of social problems, Nichols expressed confidence that the goal would be realized. Anyone interested in aiding in the Charities Drive should contact Nichols through the TCA office or at Theta Xi, X3207.

IM Bridge tourney opens November 5

The intramural bridge tournament will begin next month. The competition, sanctioned by the American Contract Bridge League, awards both trophies and master points to the winners.

Teams consisting of 4, 5, or 6 players will play 24 boards of duplicate bridge. Rosters and a five dollar entry fee must be turned into John Hrones or Jeff Passel by Nov. 5.

M. J. Greenhill presents
The Stockholm Marionette Theatre of Fantasy
Michael Maschke, artistic director

FOR ADULTS Brecht's
Threepenny Opera Evenings at 8:30
Nov. 8 through Nov. 12
Tickets: \$3.75, \$3.00 & \$2.50

FOR CHILDREN
The Wizard of Oz
Nov. 10: 4 p.m.
(Benefit Boston Children's Theatre)
Nov. 11: 11 a.m. & 3 p.m.
Nov. 12: 11 a.m. & 3 p.m.
Tickets: \$2.50 & \$1.50

with music (in English)
JOHN HANCOCK HALL
200 Berkeley St.
HA 1-2000

DEAR REB:

Even When She Answers, He Still Gets the Busy Signal.

DEAR REB:

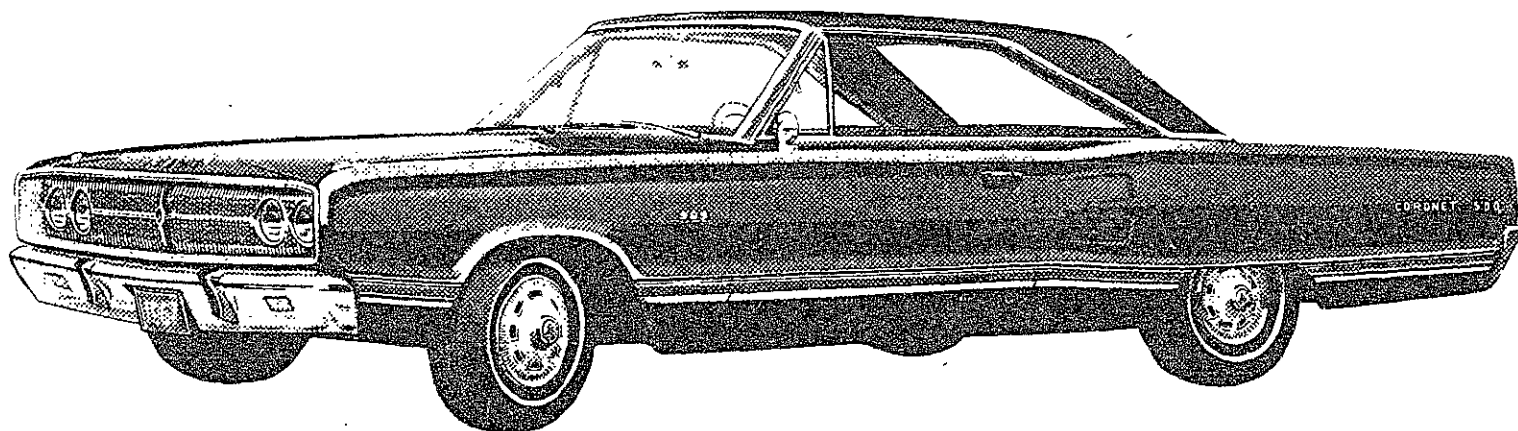
Lately, every time I call my girl, she's either "not in" or "not interested." Last week I called her 23 times and couldn't even make a coffee date. The trouble started when she started dating a guy who owns a Dodge Coronet. Now she goes to parties with him, dances, football games, etc. Do you think I should call her again, or should I forget her and break her heart?

BAD CONNECTIONS

DEAR BAD CONNECTIONS:

I think your next call should be to your Dodge Dealer. Then make a date to see the '67 Coronet, the car that's breaking hearts all over America. You'll find that its good looks are pretty hard to resist. Now, before you break your girl's heart, give her another break. Ask her to go for a ride in your new Coronet. I think she'll get the signal.

Sincerely,
Reb



Here's the heartbreaker . . . '67 Dodge Coronet 500. A campus favorite with its great new looks, ride, and list of extras that are standard. Like bucket seats with either a companion seat in the middle or a center console. Plush carpeting. Padded instrument panel. Padded sun visors. Seat belts, front and rear. A choice of Six or V8 models. And lots more. So get with '67 Dodge Coronet and get busy.

DODGE DIVISION



CHRYSLER
MOTORS CORPORATION

DODGE REBELLION OPERATION '67

Movies & Theatres

MOVIES

Astor—'Alfie,' 1:30, 3:30, 5:30, 7:30, 9:30.
Beacon Hill—'The Russians Are Coming,' 1, 3:10, 5:20, 7:30, 9:40.
Boston Cinerama—'Russian Adventure,' Wed., Sat., Sun., 2 pm, eves. 8:30, Sun. eves. 8.
Center—'Macabre' and 'The Party's Over,' 2:15, 5:45, 9:15.
Cinema Kenmore Square—'Shameless Old Lady.'
Cleveland Circle—'Fantastic Voyage,' 1, 3:05, 5:10, 7:20, 9:30.
Esquire—'La Fuga,' 3:00, 5:00, 7:00, 9:00.
Exeter—'The Endless Summer,' 2:00, 3:40, 5:25.
Fine Arts—'Sunday in Cybele,' 5:30, 8:45, 'Hard Day's Night,' 3:30, 7:00, 10:00.
Gary—'Hawaii,' mat. 2:00; Sun. 7:30, 8:15 weekdays.
Loew's Orpheum—'Kaleidoscope,' 3:40, 5:40, 7:40, 9:40.
Mayflower—'How to Steal a Million,' 'Space Flight,' 4:15, 7:30.
Music Hall—'Dead Heat on a Merry-Go-Round,' 3:30, 5:30, 7:30, 9:30.
Paramount—'Seconds,' 2:30, 5:30, 9:10, 'Waco,' 1:00, 4:10, 7:40.
Paris Cinema—'Romeo and Juliet,' mat., Sat., Sun., Wed., 2:15; eves. 8:15.
Park Square Cinema—'A Man and a Woman,' 2, 4:00, 6:00, 8:00, 10:00.
Savoy—'Alvarez Kelly,' 1:30, 3:30, 5:30, 7:30, 9:30.
Saxon—'Dr. Zhivago,' Mats. at 2 Wed. and Sat., Sun. and Hol. eves. 8:15, Sun. 7:30.
Symphony 1 Cinema—'Lord of the Flies,' 2:00, 5:45, 8:45; 'David and Lisa,' 3:45, 7:00, 10:00.
Uptown—'Harper,' 5:15, 9:10, 'Never Too Late,' 3:20, 7:20.
West End—'The Shop on Main Street,' 1:55, 4:20, 6:40, 8:55.

THEATRES

Charles Playhouse—'Love for Love,' 8:30; thru Oct. 30.
Colonial Theater—'Don't Drink the Water,' thru Oct. 29.
Shubert Theatre—'Holly Golightly,' opens Nov. 1.
Savoy Theatre—'D'oyly Carte perform G & S,' opens Nov. 1.
Theatre Co. of Boston—'Marat/De Sade.'
Wilbur—'My Sweet Charlie.'

CHARLIE The Tech Tailor

- CLEANING
- PRESSING
- REPAIRING
- LAUNDRY

Always At Your Service In The
MIT STUDENT CENTER
84 MASS. AVENUE
EL 4-2082 Dorm Line 9-360

jazz . . .

Dizzie Gillespie combines philosophy with light jazz

by monk

Kresge Auditorium was nearly full. A sign in the balcony read "Dizzy for President". A greying man with a wisp of a beard, a hint of a moustache and a freak trumpet began to blow. The bass played a catchy Brazilian phrase. The drummer tapped out bossa nova accompanying a smooth, flowing piano. The flutist blew sweet counterpoint. An evening with Dizzy Gillespie had begun. Or perhaps we should say Ambassador Gillespie.

In his travels for the state department, Ambassador G. has blown and preached the universality of jazz as an expression of the emotions of man. In his opinion, if all men can dig, why can't all men likewise live together in peace? Dizzy has taken up this cause using the emotionalism of jazz and the rationality of an organization called the World Law Fund. This is the man's cause. It is an outgrowth of his music, however. So first things first.

Flutist James Moody

Sharing the solo spotlight with Dizzy was James Moody, the seasoned and mellowed saxophonist-flutist. His solos were the highlights of the concert. On flute, he was in complete control, whether playing haunting counter-melodies or giving the word "swing" clarified meaning. His sax playing was quite noteworthy as well. The last tune of the evening, 'No Blues' featured James on alto. Out of sight!

Kenny Barron

The pianist was Kenny Barron, a relatively young man who will certainly be heard more in the future. His playing was, like that of the entire ensemble, in a vein which might be paradoxically yet accurately called "traditional

modern" jazz, much like Victor Feldman or Joe Zawinul. His handling of ballads was tender and expressive, as could be heard in the definitive version of 'Shadow of Your Smile.'

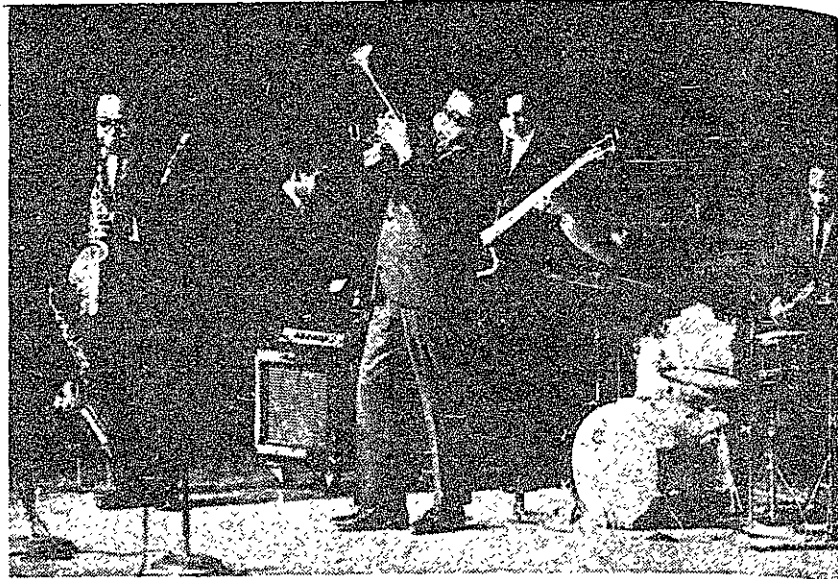
Drummer Candy Finch

The longest and loudest ovation of the evening was deservedly given to drummer, Candy Finch. Besides being a solid and imaginative percussionist behind the group, his long solo in 'Salt Peanuts' (during which he was the only man on stage, a la Joe Morello) was marvelous. His control in shifting between fast and slow rhythms was impeccable. His use of bodily muted tom-tom and cymbals and his playing of bass drum with sticks established Candy as not only a tasteful, expressive drummer, but some what of a contortionist as well.

The only member of the group which left this writer at all unsatisfied was the bassist, Frank Schifano. I suppose I was unduly prejudiced at the outset because he played electric bass—an instrument which so strongly suggests rock and roll these days that a jazz player must necessarily be fantastic in order to overcome the stereotype. The kindest thing to be said about Mr. Schifano is that he was less than fantastic. His lines were anticipated at best, and trite at the other extreme. The instrument was also slightly too loud.

Entertaining Jazz

The best word to describe the quintet as a whole is "together". Their music was smooth, polished, and, well,—together. Dizzy's selection of tunes was quite representative. His inevitable humor was heard and seen throughout the concert. And it was enjoyable. To me, that's what Gillespie repre-



The Dizzy Gillespie Quintet played to a nearly full Kresge Auditorium audience last Saturday night. The concert, sponsored by the Dormitory Council, included the showing of a Gillespie-narrated film, The Hat.

sents—entertaining, fun jazz. Very good music, very solid music, but

basically entertainment, release, sit-back-and-dig. Thus Dizzy's new bug, sit-up-and-think (The World Law Fund) seemed a bit incongruous if not altogether uncalled for.

Narrates film

Just before intermission, a film, narrated in part by Dizzy and featuring his music as background, was shown. Called 'The Hat,' it dealt with the problems of modern day over-armorment as exemplifying man's "unnatural" hatred of his fellows. The dialogue between two cartoon border guards, who march endlessly on either side of an emphatic dotted line, consisted of an edited version of an improvised conversation between Gillespie and his initially antagonistic cartoon counterpart. The delightfully animated characters become involved in an obviously absurd dispute over a hat which fell off the head of one of the guards, landing in enemy territory. As might be expected, the two soldiers soon realize the silly futility of their unnatural conflict and become involved in folk-philosophizing about the inhumanity of armed border lines. And thus it went. Animals crossed freely over the border yet humans could not. Ancient civilizations fell be-

cause of 'lines'—now we're doing it ourselves.

The film was tastefully done. The animation was superb and very imaginative. The dialogue seemed very real in discussing a problem which, when dealt with in anything but folk terms, becomes burdensome, losing its human reality in favor of rationality. But I question its appropriateness in last night's concert.

In the middle of an evening of happy, humorous, easy music, the audience was forced to forget their forgetting and come to terms with a problem as weighty as the world itself, guided by the film and a question and answer period led by Dizzy immediately thereafter.

I have the utmost respect for the man, his music, and his cause. But exchanging what are necessarily platitudes with an MIT audience during a jazz concert (which was repeatedly marked by carefree humor) in my mind, just didn't make it.

I suppose I am basically questioning the role of the entertainer. Serious discussion would have been much easier to accept during a concert given by a musician who has defined himself by playing thought-provoking music—Coltrane, or Kirk, or, in the folk idiom, Rush or Seeger. But a musician who has given himself the character of an easy-going happiness-provoker should, while in concert, entertain. In short, the concert was very enjoyable, the film and its ensuing discussion were interesting and worthwhile, but the mixture of the two left this writer uneasy—one doesn't put chocolate sauce, marshmallow, and nuts on baked, stuffed lobster and expect the totality to be satisfying.



Director of Admissions
Chapman College
Orange, California 92666

Chapman College
Orange, California 92666

Name _____ (Last) _____ (First)	Present Status _____ College/University
Address _____ (Indicate Home or College/University)	Freshman ☐
City _____ State _____ Zip _____	Sophomore ☐
Telephone _____ Age _____ M _____ F _____	Junior ☐
	Senior ☐
	Graduate ☐

The Ryndam is of West German registry.

" . . . there is no career that can match business in diversity of intellectual interest . . . A vigorous, free society calls for the highest type of business leadership . . ."

THE STANFORD UNIVERSITY GRADUATE SCHOOL OF BUSINESS

invites you to meet its admissions Representative,
Associate Dean Samuel A. Pond, on

NOVEMBER 2, 3, 1966

to discuss the Stanford M.B.A. and Ph.D. Programs in Business Administration. Appointments to meet with Dean Pond may be made through

THE DIRECTOR OF PLACEMENT

The M.B.A. Program is a two-year general management course particularly designed for students who have majored in liberal arts, humanities, science, and engineering. The purpose of the Doctoral Program is to train scholars for the stimulating challenge open to business educators, researchers, and innovators.

theatre...

'Marat/Sade' explores nature of reality

Oceanography conference held for graduate students

By Sherry Gulmon

The Persecution and Assassination of Jean-Paul Marat as performed by the inmates of the Asylum of Charenton under the Direction of the Marquis de Sade, or 'Marat/Sade' for short, is one of the most daring and unusual emotional experiences ever to be put on the stage. Flawlessly acted, the play represents a line of thinking that most people are afraid even to consider, the relativism of reality.

The year is 1808. The patients of the asylum, accustomed to entertaining the local gentry of a decadent age, are re-enacting an historical event. One of the spearheads of the French Revolution, Marat was actually killed in the bathtub by a woman named Charlotte Chorday, in 1793. De Sade, played by F. M. Kimball, also lived during Marat's time and spent his last years at Charenton. Much of his life was spent in jail, for his sexual excesses and general immorality were intolerable even to a society noted for its excessiveness.

Greek Tragedy

The form of the play is not unlike a Greek tragedy. The action revolves around Marat, but many of his speeches are soliloquies. Played by Clinton Kimbrough, he is dragged onto the stage and eased into a wooden bathtub where he sits, nervously clutching a sheet until the end. His lines are spoken with a passion and intensity, but his face mirrors the worried detachment of the insane. He does not play the part as an

'Marat-Sade' by Peter Weiss, directed by David Wheeler, playing at Theatre Co. of Boston, with F. M. Kimball, Clinton Kimbrough, and Lisa Richards.

actor would play it, but as if he has been coercively persuaded that he is Marat.

Marat's assassin, played by Lisa Richards, is a pale, haunting beauty suffering from a form of melancholia. After each of her speeches, erratically recited while almost unaware of her surroundings, she swoons at the back of the stage.

The Chorus

The shabbily costumed chorus is composed of two nondescript men and two women who are retired street walkers. They represent the masses, and sing of their feelings and the events that happen in something approximating a raucous chant. The verses they sing have a Gilbert and Sullivan air to them. The rest of the patients huddle at the back of the stage, kept under control only by the energetic activities of two dispassionate male nurses.

The lines of the play reflect Marat as a lonely idealist who believes in the cause of the Revolution, and that man must define the right and fight for it. He has the support of the people, but it is evident that he has lost touch with them. He speaks on about equality of man while the people sing their more basic desires.

De Sade's Fantasy

However, the character of Marat is not the focal point of the drama. De Sade, who sits at the

side, enters at regular intervals and confronts him with biting antagonism peculiarly inappropriate to his character as director. But he, too, is in the play because he created it as means of making reality out of his private fantasies. He made Marat so that he could oppose him with his own ideas about the reality of the individual imagination.

Finally reality loses its meaning. The emotion on the stage increases to an almost unbearable intensity. The excitement of the chorus mounts as it chants with increasing fervor, glaring balefully out at the audience and mouthing obscenities. The antics of the other patients become less and less controllable, until suddenly everything explodes. It explodes into the reality of the insane.

Reality shifts

The patients have been putting on a play about an event that happened 15 years ago, but it is as real to them as anything that enters into their world. The asylum director's constant interruptions to assert that times are really better now only accentuate this fact.

As the actors move from the world of Marat and the French Revolution into their own world, the audience moves with them until suddenly it is the world of the insane which is real and ours which becomes illusory. This is the chaos that ends the play, and for a few minutes afterward, the audience sits — nervously groping its way back to the other world from which it entered the theater.

By Paul Johnston

The MIT Oceanography Committee held an all-day meeting of scientists from Woods Hole Oceanographic Institution, MIT earth scientists, and graduate students interested in oceanography on Friday, October 21, in the Green Building Lounge.

The meeting was organized as part of the joint program in graduate education in oceanography between Woods Hole and MIT. Eleven MIT professors and nine WHOI staff members spoke briefly about their present and future research interests. Several coffee breaks enabled the graduate students to meet and talk with the

visiting speakers about each other's research interests and presented them with an opportunity to find a thesis problem.

Professor R. R. Shrock of the MIT earth science department served as General Chairman. MIT speakers were Professors Henry G. Houghton (Chairman for Fluid Mechanics), Erik L. Mollo-Christiansen, "research on dynamics of the small-scale processes in the atmosphere and the sea," Henry M. Stommel, "Circulation patterns in the oceans," Norman A. Phillips, "Transient circulations," and Raymond Hide, "Dynamics of rotating fluids," also William S. von Arx, "Marine physical geodesy," Frank Press (Chairman for Geophysical Oceanography), Gene Simmons, "Heat flow in the oceans," Shawn Biehler, "Geophysical techniques as applied to the Gulf of California," and Dayton E. Carritt, "Trends in marine chemistry."

Seminar to be held on summer placement

There will be a seminar for undergraduates in Course XVI on Wednesday, November 2, to help them in their quest for summer jobs. The seminar will be held at 4 p.m. in room 35-225 by the MIT branch of the American Institute of Aeronautics and Astronautics. Mr. Thomas W. Harrington, Jr., Director of the Placement Bureau, Prof. Rene H. Miller, Placement Officer for Course XVI, and upperclassmen from the department will offer suggestions and answer questions about professional placement in the industry.

The addition of students to the speakers' list is an innovation in the annual seminar. AIAA feels that the student-to-student transfer of trade talk will serve as a valuable supplement to the company interviews.

Interested observers are welcome.

HARVARD SQ. UN 4-4560

LAST TIMES TODAY!
"The Shop on Main Street"
1:20, 5:25, 9:35
plus "JUDITH"
3:30 - 7:40

BRATTLE SQ. TR 6-4223

JEAN-PAUL BELMONDO
FESTIVAL
Today:
"Male Hunt"
Wed.-Thurs.:
"Doubles the Finger Men"
Shows 5:30, 7:30, 9:30

theatres...

Woody Allen succeeds as playwright

By Dan Asimov

Woody Allen decided he wanted a change from being a comedian, so he became a playwright. His first play, "Don't Drink the Water," makes me hope he will write some more. It is by no means deep, but it is thoroughly enjoyable.

"Don't Drink the Water" revolves around the plight of an American couple and their daughter when they go to visit Russia. The husband, Walter Hollander, has inadvertently taken a photograph of a restricted area, so the Russians think he is a spy and chase the family all the way to the American Embassy. In the embassy the Hollanders make hell while the temporary embassy director bungles a few plans to get them back to the U.S.

The play ends with the expected happy ending and all in the audience are glad that they can finally stop laughing.

The actors do a marvelous job. Lou Jacobi, in the role of Walter Hollander, really hams it up as he does a magnificent characterization of a loud-mouthed, middle-aged Jewish suburban husband. That the Hollanders are Jewish is never explicitly stated in the play, but is evident from a number of weakly-masked hints.

Vivian Vance, the Ethel Mertz

of "I Love Lucy" fame, is fine as Mrs. Hollander, although her part does not really require too much of her comic talents. She plays the role of a run-of-the-mill pleasant housewife-mother whose main job is to calm down her over-sensitive husband.

The Hollanders' daughter Susan, a cute dish in her early twenties, is played with verve and spirit by Marilyn Wayne. Excellent comic characterizations are also given by Theodore (I guess he doesn't have a last name) as the Russian police chief, and by Dick Liberti as the slightly insane Father Drobney who has been living in the American embassy for six years.

Gerry Matthews cannot be lauded, however, for his part of Kilroy, the utter failure of a diplomat who falls in love with Susan Hollander. I think Woody Allen could have given Kilroy more of a personality than the miserable moping loser he is. Matthews plays the part with little enthusiasm and does little to correct this situation.

The script almost screams that it was written by a comedian. The dialogue is filled with one-line comebacks, mostly by Jacobi, which crack up the house. None of the roles really are developed to any extent, and there is no attempt to have the audience iden-

tify with any one of the characters. Just the same, Allen satirizes just about everything he can think of, and does it with wit and finesse.

Occasionally, there is a minute or two in the play totally devoid of gags, and for a while the air seems a bit strained since "Don't Drink the Water" depends entirely on its funny lines. But "skit stuff" though it may be, "Don't Drink the Water" will provide a good evening's entertainment.

 Tech Coop Optical

NEXT TO CUSTOMER SERVICE IN BOOK DEPARTMENT

Quality and Service is Our Byword — Patronage Refund

Ophthalmologists prescriptions are filled promptly — accurately.

Excellent selection of frames for Men-Women-Children.

Office Hours: Monday-Saturday, 8:50-5:30 — Lunch 2-3 (Closed)

Phone 491-4250, Ext. 50 or from MIT dial 8550

THE TECH COOP

IN THE M.I.T. STUDENT CENTER

60 Massachusetts Avenue, Cambridge, Mass. 02139

ENGINEERING OPPORTUNITIES

for Seniors and Graduates in MECHANICAL, AERONAUTICAL, CHEMICAL, CIVIL (structures oriented), ELECTRICAL, MARINE, and METALLURGICAL ENGINEERING

ENGINEERING MECHANICS, APPLIED MATHEMATICS, CERAMICS, PHYSICS and ENGINEERING PHYSICS

CAMPUS INTERVIEWS

FRIDAY, OCT. 28

Appointments should be made in advance through your College Placement Office

Pratt & Whitney Aircraft

DIVISION OF UNITED AIRCRAFT CORP.



An Equal Opportunity Employer

SPECIALISTS IN POWER... POWER FOR PROPULSION—POWER FOR AUXILIARY SYSTEMS. CURRENT UTILIZATIONS INCLUDE AIRCRAFT, MISSILES, SPACE VEHICLES, MARINE AND INDUSTRIAL APPLICATIONS.

M.I.T. HUMANITIES SERIES 1966-67

presents

- The Drolc Quartet, Sun., Oct. 30, 1966
- The Hungarian Quartet, Sun., Nov. 13, 1966
- The Borodin Quartet, Thurs., Jan. 12, 1967
- The New York Chamber Soloists, Sun., Feb. 12, 1967
- The Beaux Arts Quartet, Sun., Mar. 5, 1967

All concerts are in Kresge Auditorium and start at 3:00 p.m., with the exception of the Thursday, January 12 concert which will start at 8:15 p.m.

Series tickets: \$10.00; Single tickets: \$3.00. All reserved seats.

Write Kresge Box Office, M.I.T., Cambridge 02139, or call UN 4-6900, ext. 2910.

Make checks payable to M.I.T. Humanities Series.

movies . . .

'Alfie' realizes the tragedy of the 'loner'

By Jeff Stokes

A recent import from England well worth seeing is Lewis Gilbert's 'Alfie.' Coming straight from the land of 'Tom Jones' and of 'The Girl with the Green Eyes,' 'Alfie' shares with these earlier films the realism of expression and subtlety of detail that made for the popularity of these movies. Alfie, in other words, is neither a paragon of virtue nor a milk-drinking cowboy. He is, nevertheless, God's gift to women and he makes the best of it, even out-doing his predecessor, Tom Jones.

A homespun philosopher

He carries on like Mister Littlechap of 'Stop the World' fame, living life for himself alone, and in the end reaches the conclusion that he is a fool . . . 'If the birds don't get ya one way, they get ya in another,' he laments. As he skips from girl to girl, loving them and hurting them, he explains his motives and methods in the autobiographical style frequently utilized by British film writers. His one worry is not to get attached.

We leave him by the river in London. Cher, off stage, is singing a melancholy song about him; he has just looked back over his life and enumerated all the things he's gotten out of it . . . 'Ah've been with all these birds, an' look what ah got . . . money, cars, lovin' . . . and ah ain't got attached . . . But 'ere's one thing ah 'aven't got, an' at's mah peace o' mind . . . 'And so the story ends sadly with Alfie walking into the distance, a homespun philosopher discovering that he's an empty shell.

Social commentary

The film absolutely compels us to see the beauty and the tragedy in the life of this demi-god. One of Alfie's lovers, Lily, a married woman, becomes pregnant while her husband is resting in a sanatorium. Lily has to get an abortion, so Alfie talks a mercenary doctor into performing it. The doctor takes the money, and takes

'ALFIE', based on the play by Bill Naughton; produced and directed by Lewis Gilbert; starring Michael Caine, Julia Foster, Shelley Winters, Millicent Martin, Jane Asher, Shirley Ann Field, Vivien Merchant, and Eleanor Bron; now playing at the Astor Theatre.

off, after the operation, leaving Alfie and Lily to face matters by themselves. Her pale, haggard face and screams of agony drive the multifold point home; we feel rage and pity for Alfie, and we are shocked by the baseness of the doctor. The film turns out to be both the saga of Alfie and a commentary on the social environment that produced him.

It has been said of 'Alfie' . . . people are going to stop talking about 'Who's Afraid of Virginia Woolf?' and start talking about 'Alfie' . . . While 'Virginia Woolf' will be discussed violently for a long time yet, 'Alfie' may become

one of the most talked about movies of the year. There is no doubt that the acting is superb, especially Michael Caine, who bears the title role, and Shelley Winters, who plays Alfie's high society conquest.

'Alfie' ends in sadness, even more so than 'Virginia Woolf.' Unlike the Albee play, 'Alfie' is not a love story, for he never falls in love; at least not with anyone but himself. Some will leave this movie depressed, some deeply moved, some enchanted, some angry and indignant; but almost everyone is sure to appreciate it.

SQUASH RACKETS
All Makes — Large Variety
Tennis & Squash Shop
67A Mt. Auburn St., Cambridge
(Opp. Lowell House)
TR 6-5417

Kon's research gains him Underwood-Prescott Award

Dr. Stanislaw K. Kon, president of The Nutrition Society in Great Britain, was awarded the fourth Underwood - Prescott Memorial Award last Thursday. He was presented an honorarium and introduced to an audience of about 200 food scientists and government leaders at Boston's Museum of Science by Howard W. Johnson, president of MIT.

In a speech Dr. Kon declared: "Of one thing I am certain, that in the basic urge to satisfy hunger and appetite mankind will not tolerate artless substitute." He pointed out that tenderloin steaks and lobster will have the same appeal in the year 2000, whether man is on mother spaceships, the earth, or on a lunar expedition. Honored by Queen Elizabeth Born in Poland, Dr. Kon received a Ph.D. from the University of Warsaw in 1924. He became

(Please turn to Page 11)

JORDAN HALL Huntington Ave. Cor. Oak Grove St., Boston	
NOV 5 1966	Sat. Eve. at 8:30 KENNETH JACOBSON - PRESENTS - An Evening of Jazz THE BUCK GREEN TRIO ADMISSION \$1.75
BALCONY F RIGHT	BALCONY F RIGHT

an evening of jazz
THE BUCK GREEN TRIO
tickets at TCA

Johnson to speak to Tech Alumni in Seattle Center

President Howard W. Johnson and Dr. James R. Killian, Chairman of the Corporation, will give the principal speeches at the MIT Northwest Regional Conference in Seattle, Wash. Saturday. The one-day meeting on "Tomorrow's Role for Technology" is expected to draw more than one thousand people to the Seattle Center.

Dr. John E. Burchard, Dean emeritus of the School of Humanities and Social Science, Dr. Frank Press, Head of the Department of Geology and Geophysics, Dr. Irwin W. Sizer, Head of the Department of Biology, and Dr. Secor D. Browne, Associate Professor of Aeronautics and Astronautics, will also speak at the conference. Dr. Burchard, now Acting Dean of the College of Environmental Design of the University of California at Berkeley will speak on "Prospects for a Civil Urban Life," while Dr. Press, a leading authority on earthquakes, will talk on "Our Changing Planet." Dr. Sizer will discuss the "Molecular Basis of Life," and Dr. Browne, who has recently been active in the SST and "Jumbo" transport projects, will talk on "Transportation Systems of the Future."

This is the first MIT conference of its kind to be held in Seattle, but similar conferences have been held in other cities to stimulate thought on modern problems. The Puget Sound Chapter of the MIT Alumni Association is host for the meeting.

Are you
discontented
enough
to work for
G.E.?

Does water pollution bug you? Or smog? Does it concern you that some places in the country never have enough teachers? Or nurses? And when you read about the growing pains of a developing nation, do you wish you could do something?

You can. Thousands of General Electric people are helping to solve the problems of a growing, changing world.

Generating more (and cheaper) electricity with nuclear reactors. Controlling smog in our cities and pollution in our streams. Using electronics to bring the teaching skills of an expert into many classrooms at once, the trained eyes of a nurse into many hospital rooms at once.

If you're not content with the world as it is . . . and if you have the brains, imagination and drive to help build a better one, we'd like to talk to you.

See the man from G.E. during his next campus visit. Come to General Electric, where the young men are important men.

Progress Is Our Most Important Product

GENERAL  ELECTRIC

HEALTHY MALE COLLEGE STUDENTS
Wanted as paid participants (\$20 each) in research concerned with factors influencing onset of illness.
To qualify, students must never have had any allergies, and within the past year must have been free of any infections, colds, sore throats, etc., which required medication.
To volunteer or obtain further information, call Dr. Jacobs at the B.U. Medical Center, 262-1400, extension 692, weekdays, 9-5.

EVANGELICAL CHAPEL SERIES
M.I.T. Chapel
Wednesdays 7:00 P.M.
A weekly series of services arranged to present basic aspects of the Christian faith.
WEDNESDAY, OCTOBER 26
Speaker: Dr. William Lane
Gordon Divinity School
Topic:
"Becoming and Being a Christian"
Evangelical Chapel Series Committee — For further information and a schedule of services call Ext. 2327

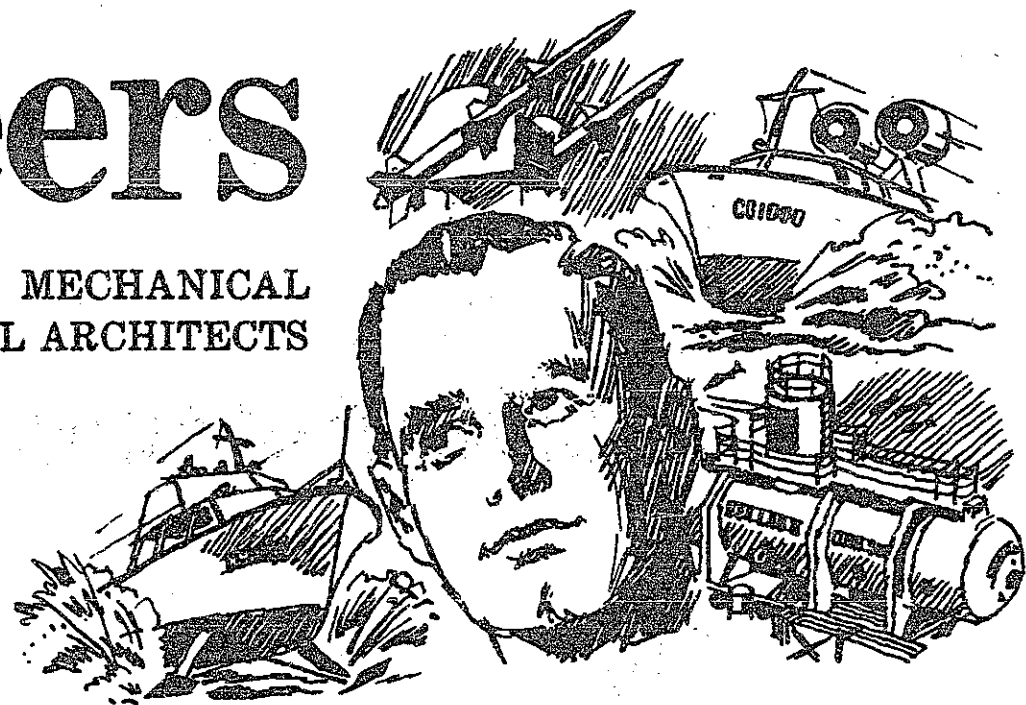
Masada excavated by volunteers

(Continued from Page 1)
and lodging and the fare to be paid. Yadin described some of the people who came; a doctor from the U. S. who said the experience would "make me or break me;" a portrait painter from Chelsea who moved heavy stones herself, saying that she felt good as no one had done it before her; and a taxi-man and charwoman from France who wanted to lose weight, and did. Yadin found the sight of all these volunteers refreshing.
Masada is a large natural rock 1300 feet above the Dead Sea with mostly sheer cliffs. There is one snake-like path which takes about an hour to climb and is near a main road and water and electricity. There is another less-steep path which is far from civilization. They camped near the second path, however, as it was easier to climb and to bring heavy equipment up this way.
Ancient Roman camp
There was little level ground on which to camp as most of it was covered with gullies. The best spot turned out to be one on which the 10th Roman legion in pursuit of the Zealots had camped, and of which they found some ruins. Instead of camping over the spot, they set up camp next to it.
A double casement wall surrounded the top of Masada and had about 100 rooms inside. It was mostly these rooms which the Zealots inhabited. More than half of the volunteers spent the whole time rebuilding all 1300 yards of it.
Ingenious water system
Since Masada is in the desert, one of the most obvious problems would be the water supply. The workers found holes in the rock, 4,000 cu. meters each, which were once cisterns to hold water. Although it rarely rained, when it did, it came down in torrents, quickly filling all the cisterns from an intricate system of gullies and dams. From these, water used to be carried up in buckets to the top of the rock.
Bones found
Also in the side of the rock, the

diggers found a series of caves filled with bones. The Hebrew University found them to be bones of men, women, and children, which suggests that they were the bones of the Zealots themselves, possibly dumped there by the Romans.
The heat was hard on the excavators too. Many walked around in bathing suits, which led Professor Yadin to remark that many of the volunteers "were more busy exposing the present than the past." He added that they all worked very hard nevertheless, and that the whole job — which would have taken about 25 years in the ordinary manner — took less than one year.
Coins, food, perfume found
Other things found at the place was rebuilt and the ashes and the dirt were sifted were scarves, sandals, coins saying "Freedom of Zion," frescoes, the oldest mosaics in Israel, jars, and a temple. There were also many large baths. The storerooms they dug up were very well planned, necessitating only one guard for a large area. Even food, preserved by burial, was found, including pomegranate, nuts and olive stones. Cosmetics, perfume, spindles, and spoons were also found.
Many of the scrolls they recovered fit in with other findings from the area. One was attributed to be a lost original Hebrew scroll from the book of the Ecclesiastes.
The Masada allure
Today the Israeli army swears on the Masada site seven times a year that "Masada shall not fall again." In closing, Professor Yadin remarked that "Masada appeals to everyone in his own way."

Naval Ship Systems Command needs engineers

ELECTRICAL • ELECTRONIC • MECHANICAL
MARINE • NUCLEAR • NAVAL ARCHITECTS



for research, development, design and project management on our current programs: Communications Satellites, Submarine Rescue Vehicles, Deep Ocean Search Vehicles, Aircraft Carriers, Hydrofoils

ELECTRICAL ELECTRONICS Control Systems Communications Computers Radar Sonar Undersea Communications Instrumentation	NAVAL ARCHITECTURE Warship Design Deep Submersibles Hydrofoils Hydroskimmers Small Craft	CIVIL Hull Structures Deep Diving Pressure Capsules Arrangements Armament	MARINE MECHANICAL Hydraulic Power Systems Life Support Systems Turbines Diesels Environmental Control Systems Weapons Handling Equipment
--	--	---	--

Mr. Stafford will be on campus on **November 3** to discuss positions in the above fields with you.
See your placement office to schedule an appointment.

Fill in along dotted line and mail to:
NAVAL SHIP SYSTEMS COMMAND
CODE 20325
WASHINGTON, D. C.
An Equal Opportunity Employer

I would like additional information on _____
I am majoring in _____
and will be available for permanent employment _____
☐ I plan to talk to your representative on campus. ☐ I do not plan to talk to your representative on campus.
Name _____
Address _____
City _____ State _____ Zip Code _____
Telephone No. _____

Committee cites Kon for research

(Continued from Page 10)
a British subject in 1936, and received the first Doctor of Science degree from the University of Reading. In 1964 Queen Elizabeth II honored Professor Kon by appointing him a Commander of the Order of the British Empire. Then in 1965, he was elected president of The Nutrition Society in Great Britain.
Outstanding researcher
The MIT Selection Committee, chaired by Prof. Samuel A. Goldblith, Executive Officer of the Dept. of Nutrition, cited Dr. Kon "for his outstanding research into the biological value of proteins, calcium metabolism and the effects of commercial food processing upon nutritive value."
The Underwood-Prescott Memorial Lectureship was established in 1962 by the Wm. Underwood Co., oldest food canners in America. It honors the late William Lyman Underwood, grandson of the founder of that company, and the late Samuel Cate Prescott, MIT's first Dean of Science.

Todes to talk tonight on success's ideology

Dr. Samuel J. Todes, formerly professor of philosophy at MIT, will deliver a lecture entitled "Technology and the Ideology of Success" in the Vannevar Bush Room Tuesday at 8 pm. The lecture is co-sponsored by the Course XXI Society and the Society for Social Responsibility in Science.

WANTED
Men looking for extra money who would be willing to sell **ELSIE'S SANDWICHES**
Contact Elsie's, 491-2842

CAN BUSINESS FACE THE ISSUES?



MOTOROLA

Mr. James T. Hill
Harvard University
Quincy House, Room 700
Cambridge, Massachusetts 02138

Dear Mr. Hill:

August 25, 1966

There is an urgent need, I believe, for a serious discussion between campus and corporation. I am genuinely concerned about recent studies which indicate that an alarming percentage of college students have no interest in pursuing careers in business. Many of these students show little respect for business and have a condescending attitude towards those who do choose it as a career. Some say business leaves them cold. Lacks action. That it's boring, unimaginative, stuffy and self-seeking. Others say they don't want to be lost in the corporate crowd and that there is little chance of early recognition for a young man in business. Some question whether business offers the opportunity for the personal satisfaction that comes from humanitarian service. Their answer: Join the Peace Corps or VISTA; teach, or enter a service profession.

If you are motivated toward teaching, medicine, government or law, I say go at it eagerly. They are valuable careers for which we in business have great respect and admiration. Many of our most able business leaders have professional backgrounds and our everyday operations bring us into close contact with men outside of industry.

However, don't sell business short. If you shrug off a business career because you think it offers no excitement, no challenge, no chances for recognition or to make a meaningful contribution to society... I think you're wrong.

A tremendous opportunity for human and social betterment may well slip away if brighter students turn their backs on business for reasons not necessarily valid. The coming years promise fantastic new developments in the sciences, electronics, transportation or just about any field you can name. However, realization of these great potentials requires fresh thinking, young, vigorous minds able to channel ideas creatively and productively... able to make decisions... able to generate action, the very thing you crave.

This is why I'm concerned. If I read some of you right, we're in trouble. Something has broken down, somewhere. Perhaps certain college students are misinformed and should be set straight. Or maybe we in business had best undertake a basic reappraisal of our way of doing things. If changes are in order, I'd like to find out.

Frankly, we don't understand each other well enough... we don't communicate enough. And, therefore, I propose we set a specific course to try to resolve this.

Let's discuss business openly, two-way, pro and con, on the pages of your campus newspaper. You express the views of those around you. I'll respond. Tell me what you think is wrong with business, what might be changed. Why you feel there are more exciting opportunities elsewhere. If neither of us pull our punches, I think we have a lot to gain.

Interested? I hope so. Send me your thoughts regarding business as well as an indication that you will join in a discussion. I will print your comments and mine in subsequent issues of this paper.

We can't do this too soon. Tomorrow's problems and opportunities won't wait.

Sincerely,

Robert W. Galvin
Chairman

ONLY THE BEGINNING

This is the opening volley in a unique dialogue between campus and corporation — between James Hill, Harvard student, and Robert W. Galvin, Motorola Chairman. The subject: What's wrong and right about business. Mr. Hill has agreed to voice student opinion and his reply will appear in this paper a week from today. In subsequent weeks, Mr. Galvin will tackle the issues posed. Then back to the students and Mr. Hill's reactions to his answers. It promises to be quite a lively exchange.

To gain a cross section of opinion, Mr. Galvin has written a similar letter to 5 other students on campuses across the country. Their replies will be printed regularly in over 20 college papers. This continuing, nationwide discussion is designed to open a new channel of communications between college and industry, and provide students an opportunity to have their opinions about business published.

Hopefully, this exchange of ideas will help resolve existing differences and serve as a vehicle for greater mutual respect and understanding.

A rolling stone gathers no moss

35 years ago

Sophomores preparing for the Field Day tug-of-war practiced with a sturdy rope and a pole securely anchored in the ground, until someone spied a three ton cement roller. It was decided that the roller would make a better object to pull on. Twice the sophomores tried to budge the mass, and twice failed. After consulting an engineer, they discovered the correct way of moving large objects. Once they got the roller moving, nothing could stop it. Sophomores were stumbling over the landscape in an attempt to keep ahead of the roller. When the escapade ended, the three ton roller was found across campus.

President Compton presided over the laying of the cornerstone of the new George Eastman Research Laboratory. The new facility will be used for fundamental research and advanced instruction in physics and chemistry. While the building's founda-

tion was being constructed, a wooden crane carrying two tons of Indiana limestone broke. The block of stone fell onto a truck below and cracked another limestone block as well as damaging the truck. Fortunately, no one was hurt.

25 years ago

President Karl T. Compton reported that awards to the institute from the Army, Navy and industrial defense contracts amounted to over \$3.75 million in the past year.

A humorous debate between MIT's Debating Society and Emerson College was conducted. Subject of the debate: Resolved: that the future looks black. Tech upheld the negative side. (Pearl Harbor was attacked less than two months later.)

At the Voo Doo smoker, entertainment was provided by a young lady who performed her "tassel dance," a combination strip tease and "a special form of torso-tossing." She gradually removed her raiments until she was clothed only in black lace bra and panties. After the act, freshmen were invited to join Voo Doo "where such displays are routine."

10 years ago

As pre-Field Day festivities got off the ground, the Frosh and Sophomore classes exchanged about 100 pairs of pants in a major melee at East Campus. The raid was instigated by the Sophomores (class of '59) in retaliation for '60's sending the Soph vice-president to RPI for the weekend.

The vice-president in question was phoned and told a meeting was in progress at Burton house with freshmen discussing issues with various student leaders, his presence was requested. Taking no chances he arrived with 7 body guards, but there were 50 freshmen at the meeting. He was eventually persuaded to go to RPI in exchange for RPI's sophomore class president who would be kept at MIT for the weekend. So off he went for an all-expense paid weekend in Troy, N.Y.

One of the planners of the MIT-RPI student exchange was subsequently driven to Brown University by six sophomores. He was left in a fraternity house, "where a party with considerable drinking was in progress."

IFC, TCA sponsor band audition; 14 groups rock in Student Center



Fourteen local bands took part in a general audition sponsored jointly by IFC and TCA Sunday afternoon in the Sala de Puerto Rico. The purpose of the gathering was to acquaint the various social chairmen on campus with potential talent for future parties.

This audition was the second of its kind at MIT, as one was held last spring at Kresge. Art Letzler '68 from the IFC and Doug Glen '68 of TCA organized and ran the affair.

Among the participating groups was The Cloud, which will perform at Junior Prom 1966.

The Bulletin Board

Meetings and events may be included in this article and in the MIT Student Bulletin by filling out a form in the Inscomm office or in

Mr. Jim Murphy's office in the Student Center at least 12 days in advance of the week the event is to occur.

Tuesday, October 25
4:00 PM. Foreign Opportunities Committee. Operation Crossroads Discussion. Student Center, Rm. 467.
7:00 PM. Gilbert & Sullivan Society. Student Center, Rm. 473.
7:00 PM. White Water Club. Film. Student Center, Rm. 407.
8:00 PM. International Students Committee. Student Center, East Lounge.
9:00 PM. Course XXI Society Meeting. Speaker, Professor Todes. Student Center, West Lounge.

Wednesday, October 26
5:00 PM. Spring Weekend Committee. Student Center, Rm. 400.
7:00 PM. Flying Club. Student Center, Rm. 407.
7:00 PM. Gilbert & Sullivan Society. Student Center, Rm. 491.
7:00 PM. Debate Club Meeting. Student Center, Rm. 473.
7:30 PM. Committee To End War In Viet Nam. Student Center, Rm. 400.
7:30 PM. Logarithms. Student Center, West Lounge.
8:00 PM. Evangelical Chapel Series. Student Center, East Lounge.

Thursday, October 27
4:00 PM. Foreign Opportunities Committee. Student Center, Rm. 491.
5:00 PM. Gymnastics Rally. T-Club Lounge, Armory.
5:00 PM. Dance Class. Student Center, Rm. 407.
7:00 PM. Ashdown Dance Class. Student Center, Rm. 407.
7:00 PM. MIT Hillel. Panel Discussion. Student Center, East Lounge.
7:00 PM. Gilbert & Sullivan Society. Student Center, Rm. 491.
7:30 PM. Students For A Democratic Society. Student Center, East Lounge.
8:00 PM. Baha. Student Center, Rm. 473.

Friday, October 28
5:00 PM. Technology Catholic Club. "Gaslight Cafe" Party. \$1/Couple. Student Center, Rm. 491.
7:00 PM. LSC Movie. "That Man In Istanbul." Admission: .50. Rm. 26-100.
8:00 PM. Informal Dance Committee Mixer. Admission: Guys \$1; Girls, Free. Student Center, Sala de Puerto Rico.
8:30 PM. MIT Hillel. Student Center, East Lounge.
9:30 PM. LSC Movie.

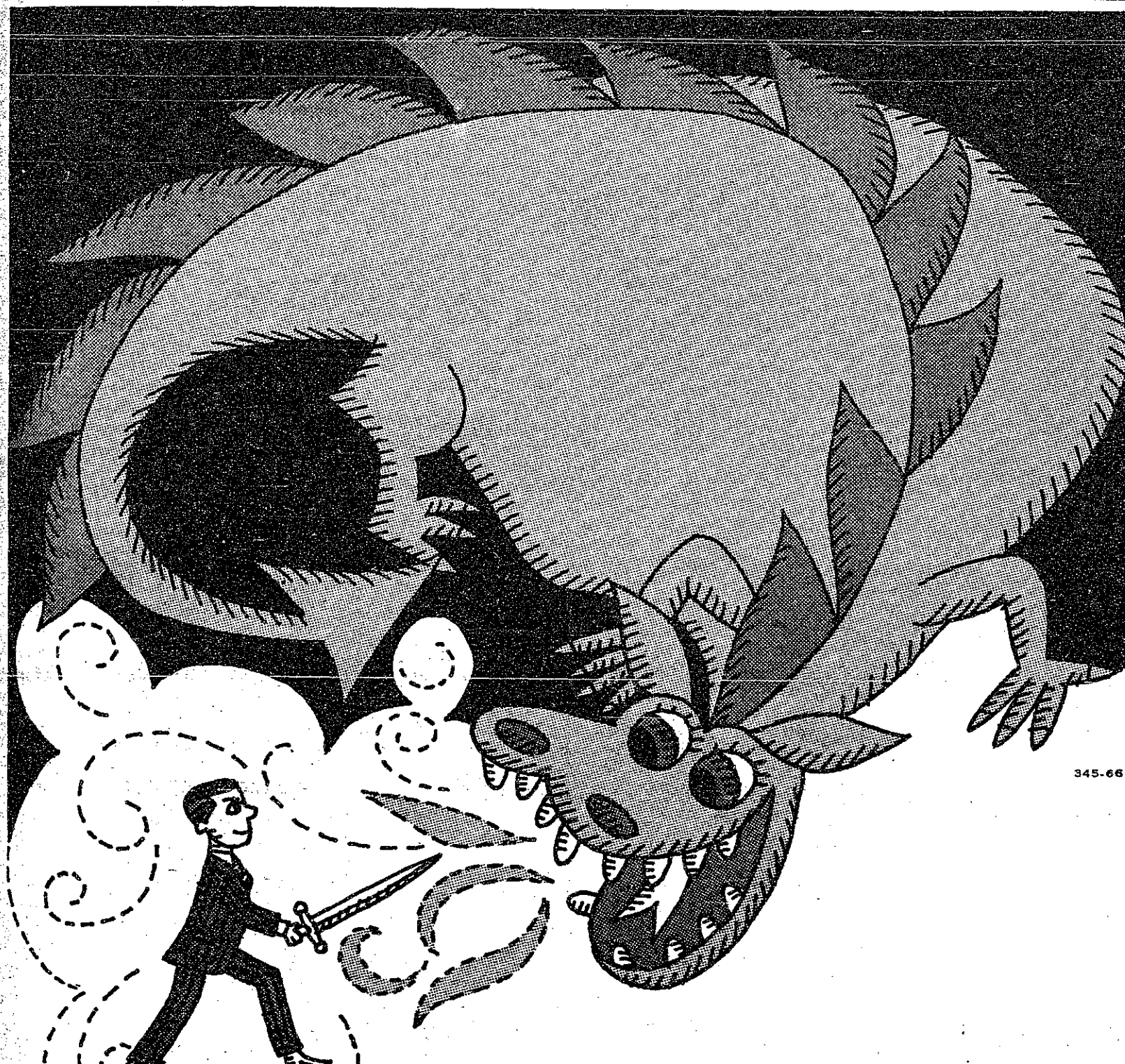
Saturday, October 29
12:30 PM. Bridge Club. Fractional Trophy Game. Student Center, Rm. 407.
1:00 PM. War Games Society. Student Center, Rm. 473.
1:30 PM. Chess Club. Student Center, Rm. 491.
7:00 PM. LSC Movie. "Our Man Flint." Admission: .50. Rm. 100.
9:30 PM. LSC Movie.

Sunday, October 30
9:15 AM. Roman Catholic Mass. MIT Chapel.
11:00 AM. Protestant Worship Service. MIT Chapel.
12:00 PM. Protestant Christian Association. Student Center, East Lounge.
12:15 PM. Roman Catholic Mass. MIT Chapel.
1:00 PM. Film Society. Seminar on Film-making. Student Center, Mezzanine Game Room.
2:00 PM. Radicals For Capitalism. Speaker: Mr. Allan Gotthelf, Wesleyan University. Student Center, Rm. 407.
8:00 PM. LSC Classic Movie. "To Die in Madrid." Admission: .50. Rm. 10-250.

USED OFFICE FURNITURE

• WALNUT DESKS \$12
• Matching Swivel Chairs \$5
• OTHER DESKS \$20-\$75
• LAMPS WITH SHADES \$5
Come To
• DESKS AND CHAIRS
• 791 Tremont St., Boston
• Rm. 402 near Mass. Ave.
• Daily 9-5, Closed Wednesdays
• Tel. 262-9438

RACKETS RESTRUNG
One-Day Service
Tennis & Squash Shop
17A Mt. Auburn St., Cambridge
(Opp. Lowell House)
TR 6-5417



Some young engineers will go through almost anything for a future with "P.S.E. & G."

Even if you have to slay dragons, be sure to find out if you can qualify for our personalized training program. Engineering positions with Public Service offer you the opportunity to enjoy a career filled with excitement, reward and challenge

... a chance to grow with a dynamic growth company.

See our representative when he visits your campus.

**PUBLIC SERVICE
ELECTRIC AND GAS COMPANY
NEW JERSEY**

EQUAL OPPORTUNITY EMPLOYER

NEW JERSEY

ONE OF AMERICA'S LARGEST AND MOST PROGRESSIVE SUPPLIERS OF ENERGY

INTERVIEWER
ON CAMPUS:

NOVEMBER
9

Coed sailors take first at Radcliffe

By Sue Downs

MIT's women sailors took first place in the varsity division of the Radcliffe Invitational Fall Regatta last Saturday. Held at the MIT sailing pavilion, in winds ranging up to 30 knots, they beat twelve other competing schools. The final score was MIT 119, Radcliffe 117, Northeastern 107, Tufts 100, Wellesley 86, Merrimack 86, Simmons 78; Boston Univ. 62, Middlebury 53, Penn-Emerson 16, Connecticut-

cut-College 6, and Vernon Court 6. The MIT junior varsity placed second in its division of the same regatta.

Sailing in the varsity division were Ruth McDowell '67 and Alix Smullin '68, with Alix and Freda Hoffman '68, crewing. Ruth placed first in three races, second in one, third in four, and seventh in one, and Alix won the last race. Sailing in the junior varsity was Ruth Peterson '67, with Sue Downs '68 as crew.

The last regatta of the fall season will be hosted by MIT at the MIT pavilion this Saturday and Sunday. The girls will be fighting to keep the Man Lab Trophy which they have held the last few years.

Bridge Club winners announced

Results of the bridge tournament held Saturday by the MIT Bridge Club: North-South: 1. Bob Rosenberger '67 and Rusty Silverman '68; 2. D. B. Kotlow, grad. and A. K. Roy, grad.; 3. Marc Miller '70 and Peter Lee '70.

Mike Chasan '67 and Mark Bo-
lotin '68; 3. Dave Olsen '68 and Ngok Ming Cheung '68.

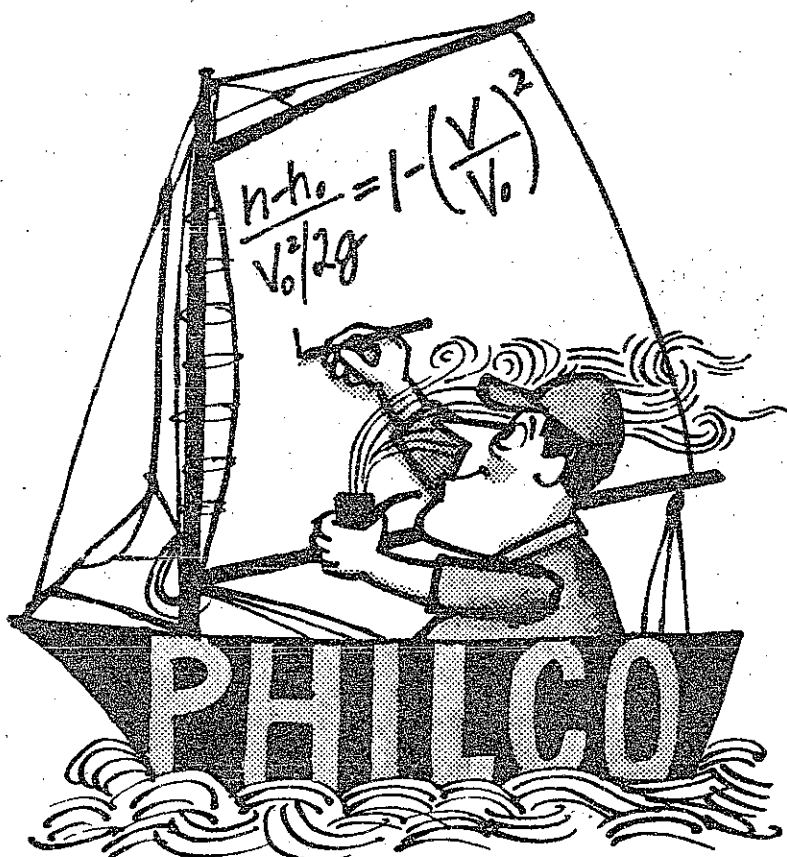
Trophies will be awarded to the winners of next week's special game to be held Saturday at 7 pm in room 407 of the Student Center.

East-West winners were: 1. Bill Horton '68 and Joe Viola '69; 2. Center.

White Water club meets tonight

Tonight, the MIT White Water Club will present films of championship kayak and canoe racing. The films will be commented on by Mr. Bart Hawthaway, a member of the U.S. team in the 1965 World Championships White Water races. Mr. Hawthaway, Eastern Division Slalom Chairman of the American Canoe Association, will also discuss the fundamentals of swift-water kayaking.

The meeting is scheduled for 8 pm in room 407 of the Student Center, and is open to the MIT community. For additional information, call Ed Mattison, x 2559.



Engineers and Scientists: SAIL UNCHARTED SEAS WITH PHILCO

Philco is committed to advancing the state of almost every technical art—from engineering to manufacturing, from anti-weapons systems to underwater communications, from space age instrumentation to home air conditioning. Because we are accustomed to working in advance of everyone else, we don't always know exactly where our course may take us—except that it is forward. And we need bright, creative, ambitious people to help take us there.

Some other facts about Philco: We are a major subsidiary of Ford Motor Company. We are a company fast approaching \$1 billion in annual sales, to consumer, industrial and government markets. We offer stimulation, responsibility, and above all, a bright future.

If you'd like to join us in a fast-paced, rewarding career position, we'd like to talk to you. We will be visiting your campus on October 26, 27 and 28. Contact your Placement Office. Stop by and talk to us about your future or write to College Relations, Philco Corporation, C & Tioga Sts., Phila., Pa. 19134.

PHILCO WILL BE HERE OCTOBER 26, 27 AND 28

Career opportunities available on the East Coast, the Midwest, the Southwest, the West Coast, and throughout the world.

Divisions: Aeronautic • Appliance • Communications & Electronics • Consumer Electronics • International • Lansdale • Microelectronics • Sales & Distribution • TechRep • Western Development Laboratories

PHILCO
CORPORATION

A SUBSIDIARY OF Ford Motor Company.
AN EQUAL OPPORTUNITY EMPLOYER M/F



Last year, thousands of lawyers, bankers, accountants, engineers, doctors and businessmen went back to college.

And not just for the football games.

We'd like to clear up what appears to be a misunderstanding. It is somewhat popular on campus to decry a business career on the grounds that you stop learning once you start working for Cliché Nuts & Bolts. That idea is groundless.

We can't speak for Cliché, but we can for ourselves—Western Electric, the manufacturing and supply unit of the Bell System. 6 out of 10 college graduates who have joined us over the past 10 years, for example, have continued their higher education.

How're these for openers:

W.E.'s Tuition Refund Plan lets employees pursue degrees while working for us. Over 6 thousand have attended schools in 41 states under this plan. We refund more than \$1 million in tuition costs to employees a year.

To name another program: advanced engineering study, under the direction of Lehigh University, is conducted at our Engineering Research

Center in Princeton, N. J. Selected employees are sent there from all over the country for a year's concentrated study leading to a master's degree.

You get the idea. We're for more learning in our business. After all, Western Electric doesn't make buggy whips. We make advanced communications equipment. And the Bell telephone network will need even more sophisticated devices by the time your fifth reunion rolls around. The state of the art, never static, is where the action is.

At Western Electric, what's happening is the excitement and satisfaction of continued doing and learning. If this happens to appeal to you, no matter what degree you're aiming for, check us out. And grab a piece of the action.



Western Electric
MANUFACTURING & SUPPLY UNIT OF THE BELL SYSTEM

Moderator polls schools cliches; survey to analyze stereotypes

Moderator, one of the leading and more respected student magazines, is conducting a survey for McCall's magazine—"the one with a hot line to George Hamilton." For those of an analytical bent, the survey provides an infrequently found chance to tear apart the common myths and stereotypes about American colleges and universities.

The questions are irrational; not based on fact, but on the reputations of various schools, and cliches which can conceivably apply to any school in the country. Since the questions are irrational, no one can be expected to give any rational answers. In order to complete the questionnaire, one need only have a good supply of school cliches running around in his brain. Those most qualified are often high school seniors.

Here is a sampling of the questions in the survey. If you're interested in the game called Stereotyping, check the upcoming issues of McCall's.

1. What college would you recommend for a boy who wants to become: (a) A millionaire, (b) A distinguished scientist? (c) President of the United States?
2. What college would you recommend for a boy who hopes to: (a) Marry a rich girl, (b) Make financially useful friendships, (c) Live with the least physical comfort.
3. What college most severely limits sexual freedom?
4. On what campus is the most drinking done?

CANOE RENTAL

SOUTH BRIDGE BOAT HOUSE

Main St. (Rte. 62)

Concord, Mass. — EM 9-9438

Hours: Daily (except Monday) 9:00 A.M. to dusk
Open April 1 through Nov. 30

Also Boats and Boats with Motors available

BRING THIS AD AND RECEIVE 10% DISCOUNT

Part time sales representative for national advertising and marketing company dealing with college market. Salary and commission. Phone Mr. Shield at 267-1607.

Delta Psi first

Five qualify for IM sailing finals

Delta Psi led the field in the IM sailing eliminations held Sunday, October 23. Ashdown House, Senior House "B," Phi Delta Theta, and Phi Sigma Kappa also qualified for the finals which will be held at the end of this month.

The regatta was held in good weather with fair winds. Surprisingly, Sigma Chi did not attempt to defend the title which they captured last year.

Graduate Damen Cummings and David Wells '69 skippered the Delta Psi boats through eight races, garnering 151 points. Ashdown skippers David Peterson and Seth Robbins failed to match them and ended the regatta trailing by nine points.

Results	
Delta Psi	151
Ashdown House	142
Senior House "B"	126
Phi Delta Theta	126
Phi Sigma Kappa	125
Burton House	120

Pi Lambda Phi	106
Senior House "A"	106
Sigma Phi Epsilon	87
Theta Chi	50

This year the setup on the regatta was changed to two days of sailing. In past years the teams

qualified in the fall and sailed in the finals in the spring. The new system employed by manager Mike Underhill '69 is being tried in an effort to consolidate the sport. The finals will be held at the end of this month.

Managers' seminar held; freshmen urgently needed

As part of its expanding program, the varsity manager's council has held a managers' seminar. This meeting was set up to help new managers, as well as old ones, to understand what their duties are. In addition, freshmen interested in managing were invited to the meeting as they are needed, to give them some idea of what the managers do for the team.

The meeting was set up and presided over by Joe Deichman '67, varsity skiing manager. Ross Smith, Director of Athletics, gave a brief presentation on the spirit of managing, and touched briefly on the manager's relationship to the rest of the team. Peter Close, Director of Sports Information,

pointed out the publicity aspects of the job, such as how to report scores to the newspapers. Allen White spoke on the budgets of the various teams, how they are set up and how to use them. John Murphy then spoke on the equipment that the teams use, how it should be checked out, returned and cared for.

After the formal presentations, there was a question and answer period, followed by a general discussion of problems which all managers have in common. This is part of the idea of exchanging ideas that the meeting was designed to encourage.

First round completed in Tech pool tourney; second round Saturday

First-round eliminations of the MIT Pocket Billiards Tournament were held this weekend in the Student Center Game Room. Twenty-seven matches were played.

Interesting first round matches included Bob Mastiler '69, a quarter-finalist last year as a freshman, polishing off his opponent by a score of 70 to 45. Bob Takahashi '69 dropped a beautiful shot to beat Corky Polay '68. Shooting from behind a full rack, Takahashi banked the corner ball into the side pocket.

Larry Smith '68 having improved a great deal from last year's tournament won over Mark Lavine '68 in a very close match. Smith, playing very cautiously outlasted Lavine and finally won by a ten ball margin. Playing Sunday afternoon in what almost turned into a marathon match, Mike Talalay '68 defeated Carl Berck '70 by a margin of only three balls. With only two gone in the final rack Berck purposefully broke up the clustered balls hoping that Talalay would miss. Mike pocketed one ball and missed his next shot but Carl could not start a run to catch up.

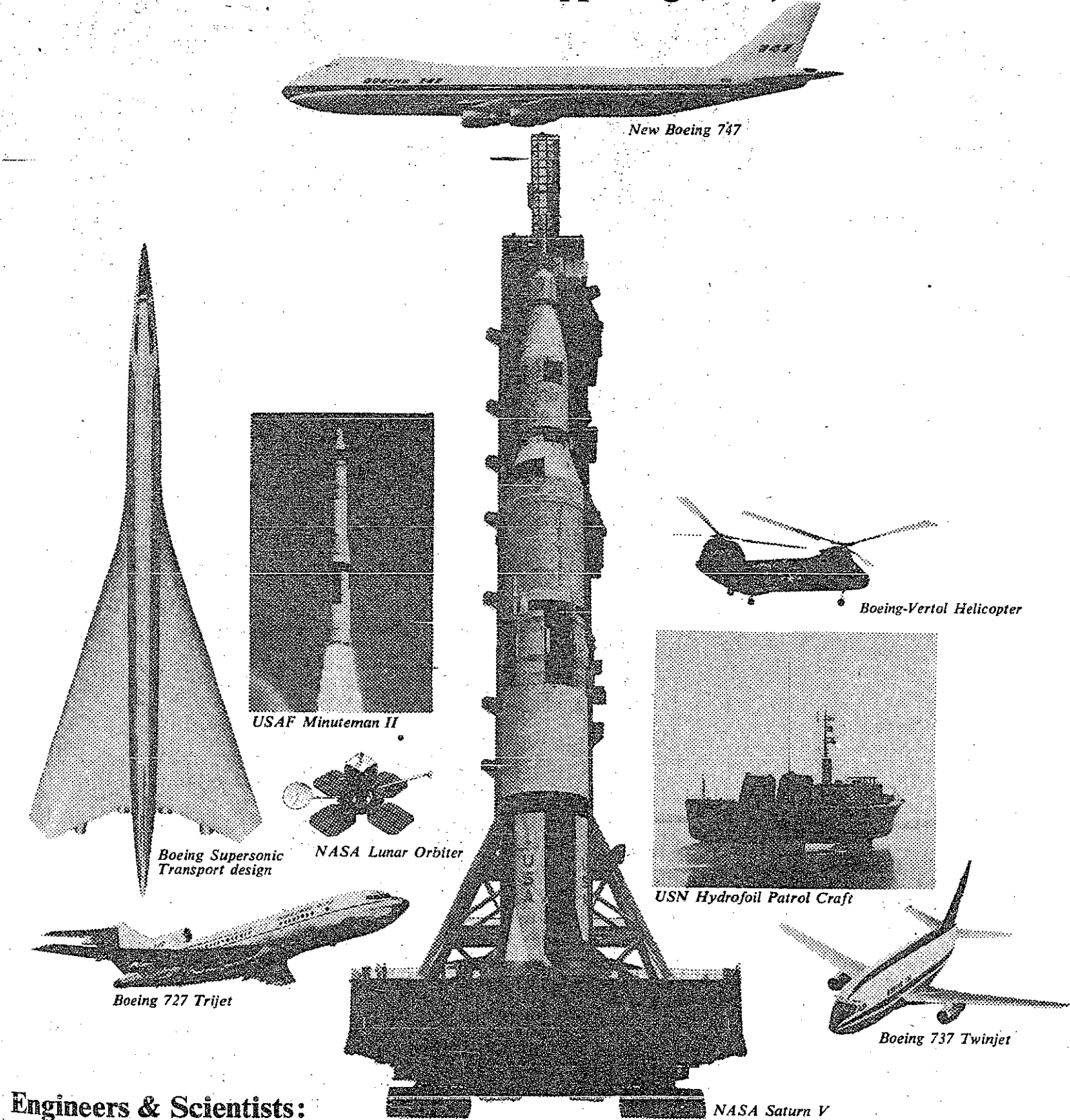
The tournament is running a great deal smoother this year due to the required entry deposit. Second round matches will begin at 9:00 Saturday morning and the MIT community is invited to attend. These matches will feature last year's winner Doug Friedman, and runner-up Ray Ferrara, who both drew byes in the first round.

How They Did

Cross Country	
MIT (V) 39, Williams 57	
Tufts 31, MIT (V) 39	
MIT (F) 20, Tufts 41	
Sailing	
MIT (F) placed second in Coast Guard Invitational	
MIT coeds won Radcliffe Invitational	
Soccer	
MIT (V) 1, Springfield 0	
Golf	
MIT (V) finished 8th in ECAC finals at Bethpage, N. Y.	

Fifty years ago we only made 'aeroplanes'.

(See what's happening now!)



Engineers & Scientists:

Campus Interviews, Mon. thru Thurs., Oct. 31, Nov. 1, 2 and 3

In 1916 The Boeing Company's career was launched on the wings of a small seaplane. Its top speed was 75 mph.

Now, half a century later, we can help you launch your career in the dynamic environment of jet airplanes, spacecraft, missiles, rockets, helicopters, or even seacraft.

Pick your spot in applied research, design, test, manufacturing, service or facilities engineering, or computer technology. You can become part of a Boeing

program-in-being, at the leading edge of aerospace technology. Or you might want to get in on the ground floor of a pioneering new project.

You'll work in small groups where initiative and ability get maximum exposure. And if you desire an advanced degree and qualify, Boeing will help you financially with its Graduate Study Program at leading universities and colleges near company facilities.

Often it will be sheer hard work. But we think you'll want it that way when you're helping to create something unique —while building a solid career. Visit your college placement office and schedule an interview with our representative. Boeing is an equal opportunity employer.

BOEING

Divisions: Commercial Airplane • Missile & Information Systems • Space • Supersonic Transport • Vertol • Wichita • Also, Boeing Scientific Research Laboratories

Kozubek wins

Thinclads split triangular; season log stands at 5-4

By Jim Yankaskas

Tech's harriers placed second in a triangular meet at Williams-town on Saturday. Undefeated Tufts won the meet, while Williams was last. Scores were Tufts 31, MIT 39, and Williams 57. The team's win-loss record now stands at 5-4.

Although they lost to Tufts, MIT again boasted the individual winner. Stan Kozubek '69 ran away from the field to win with a 29

second lead over Tufts first finisher. In spite of an encounter with a water trap on the golf course, Kozubek turned in a time of 19:23.2 for the 3.75 mile course. This broke the old course record by 19 seconds.

The Williams course, though short, was one of the best the Engineers have encountered. The start and finish were on campus, and the bulk of the race was run on the school's golf course. The weather was clear and warm, perfect for running.

Next Saturday the cross-country team travels to Hanover to run against Dartmouth and Holy Cross. These are the last two meets on the Engineers' schedule. Following this they will compete in the Greater Boston Championships, the New England Championships, and the ICAAAA Championships in New York.

On Deck

Tuesday, October 25

Soccer (F), Stonehill, Home, 3:30 pm

Golf (V), Brandeis, Away, 1:00 pm

Wednesday, October 26

Soccer (V), Brandeis, Home, 3:30 pm

Friday, October 28

Soccer (F), Brown, Away, 2:30 pm

Fresh sports

Harriers remain undefeated

By Stan Kask

Ben Wilson led the MIT freshman X-country team to an easy victory over Tufts University last Friday. The final score was 20-41. This was the sixth consecutive victory for the frosh harriers. Wilson's time of 12:42 over the 2.6 mile course, was not only good enough to make him an easy victor in the race, but also established a new course record, chopping a full ten seconds off of the best previous time.

Team depth was again the story of the day, as the frosh had seven finishers in the top nine. John Owens finished second behind Ben Wilson. A Tufts' runner took third, followed closely by Larry Petro. Fifth place was taken by a runner from Tufts. Then the Engineers put the icing on the cake, as Arthur LaDrew, Eric Darling and Jim Leary finished sixth, seventh and eighth, respectively.

Next Saturday, the team will run against some stiff competition from the freshmen at Holy Cross and Dartmouth. The following Tuesday, they will take the field in the Greater Boston's cross country meet.

Sailors place second

Coach Ed Shaw's freshman sail-

ing team placed second to the Coast Guard Academy on Sunday in the Coast Guard Invitational Sailing Regatta. Eleven teams participated in the meet. The first five finishers were the Coast Guard, MIT, Harvard, Brown and Yale.

Tech's team included Bob Berliner and Bill Michels in "A" boat, and Steve Milligan and Tony Picardi in "B" boat. Steve Milligan finished the regatta as the high point skipper by taking five first places.

The boats used were much lighter, and had a shallower draft than those previously used by the Tech sailors. As a result handling was a much more ticklish procedure. In addition, the random

winds caused extensive course changing and did not help anyone's boat handling.

On Saturday and Sunday, November 5 and 6, the team will participate in the Priddy Trophy Regatta at the Coast Guard. Team spirit for the meet is already at a high pitch. The team has only been beaten by the Coast Guard this year and they feel that after this week's race, at which they got used to the boats and course, they will be ready to face the Coast Guard on equal terms.

Eliminations will be held on Saturday, followed by the finals on Sunday. The Priddy Trophy is considered the major frosh sailing regatta of the fall season.

Kickers upset Springfield, 1 - 0

By Paul Baker

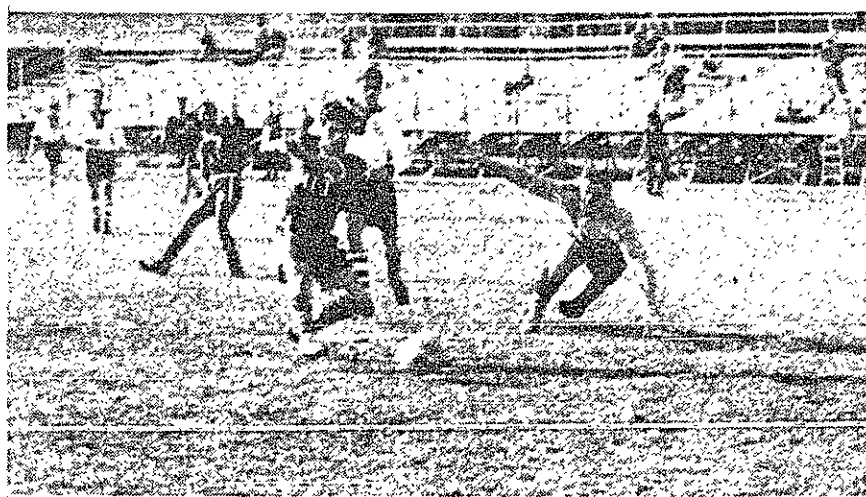
Coach Bill Morrison's booters downed Springfield 1-0 Saturday on Briggs Field. In the 45-year history of the rivalry, this was the first time MIT has come out on top.

The winning goal came with only eight minutes and two seconds left to play in the contest. The Springfield goalie came out to stop a fast break by Jack Russell, and the shot ricocheted off the goalie's leg. Joe Kadich '69 booted the ball in for the score.

MIT's tremendous team effort made the difference. The score could easily have been much higher except for the exceptional play of both goalies. Springfield jumped off to the offensive, but MIT quickly gained control of the contest, most of which was played in the Springfield half of the field. Much of the credit for this belongs to sophomore Carl Everett who consistently boomed the ball from his fullback position into Springfield territory.

Co-captains George Jones '67 and Rick Gostyla '67 also played a fine game. Jones prevented several goals with his heads-up play, and Gostyla seemed to be making tackles all over the field. John Sole '68 and Ajadi were the offensive standouts. Sole narrowly missed several scores while Ajadi's passing and ball control were excellent.

Goalie Roy Talus '67 had one of his finest days in registering a shutout. In all he made 31 saves. Springfield's goalie was credited with 11 saves. The engineers took



Photos by Jeff Reynolds

Top picture — Jack Russell '68 prepares to score as goalie sets to block the kick. The goalie came out of position and blocked the kick, but failed to hold on to the ball.

Bottom picture — on a fine followup to Russell's play, Joe Kadich '69 scores on the temporarily unguarded goal. The Engineers went on to beat Springfield 1-0. This marks the first victory over Springfield in the forty-five year history of this rivalry.

25 shots and 7 corner kicks compared to their opponent's 32 shots and 1 corner kick.

SAE captures football title

By Herb Finger

It was a great day for Sigma Alpha Epsilon Saturday as they dethroned Beta Theta Pi for the IM football title. The victory was followed by a SAE "B" victory over Alpha Epsilon Pi to advance them to the B League finals.

In the big match SAE gained revenge for their 38-8 defeat of two weeks ago and trounced the Betas 31-12. Fred Souk '67, SAE quarterback, sparked the attack with precision passing. Souk filled the air with footballs, picking his receivers and pin-pointing his passes.

The Betas were the first to get on the scoreboard opening up on the ground. When they finally passed, they also moved well. Their drive was climaxed by a fifteen yard pass from Steve Schroeder '67 to Greg Wheeler '67. The extra point try failed, leaving the score at 6-0.

SAE takes over

Then SAE took over. After the kickoff Souk and company wasted



Photo by Jeff Reynolds

Fred Souk '6 sweeps right end behind Terry Bennet '70, who is preparing to take Beta Greg Wheeler '67 out of the play. The run sparked one of the SAE's five touchdown drives in a contest which saw the Betas upset, 31-12.

little time in equalizing the score. Souk hit flanker Bruce Wheeler '70 for a forty yard score. The Souk to Don Rutherford '67 extra point gave SAE the edge 7-6.

The SAE's however were still not satisfied, until a few minutes later Souk himself made the score 13-6. The Betas found themselves on the short end of the score and proceeded to change their situation. After a Steve Schroeder interception at the Beta thirty, they brought the ball to the five on a long pass to Greg Wheeler and a holding penalty. The drive stalled there as they failed to penetrate the SAE goal line defense.

More of the same

The second half was much the same story. SAE took the ball on the twenty yard line and two plays later Souk and Wheeler again combined to make it 19-6.

Late in the third quarter the SAE's scored their fourth TD as Bill Watson '63 intercepted a Beta pass and brought the ball to the 17. Five plays later Souk hit Greg Jerrel '67 over the middle making it 25-6.

Jack Mazola '66 snagged the final SAE score capping a ten play

drive which originated on the SAE 35.

It was all over but the shouting when Greg Wheeler gave Betas their second touchdown to make the final score SAE 31, Beta 12.

SAE "B" advances to finals

Still enthusiastic after the upset victory over the Betas, SAE "B" took the field against a favored Alpha Epsilon Pi squad. The SAE's took the opening kickoff and proceeded to march down the field on short passes from quarterback Dave Dewitte '69 to end Rich Freyberg '70. With the ball first-and-ten on the twelve the Junior SAE's stalled. Four plays later, they had been forced back to the forty.

The first score came early in the second quarter. AEPI quarterback Steve Kanter '68 flipped a screen pass to blocking back Mel Snyder '67 and Snyder behind three blockers ripped and scampered his way to the thirty-five.

A roll-out pass, 2 plays later, to flanker Ron Mandle '65 made the score 6-0. The point-after gave AEPI a 7-0 margin.

SAE took the ball and again marched up the field on passes to end Freyberg, Carl Brainard '69 and Rich Turber '67. DeWitte and Freyberg culminated the drive with a ten yard pass play. The PAT failed making it 7-6 AEPI.

The final score came late in the fourth quarter when linebacker Nick Covatta '68 intercepted a Kanter pass on the twenty and ran it in for the score.

Games Saturday:

SAE 31, Beta 12
SAE "B", 12, AEPI 7
PKT 13, TDC 8
Stud Hou 12, PSE 8
Grad Mgt 12, Ash Hou 0
Theta Chi 26, Fili 7
Sig Ep 25, Kappa Sig 13
NRSA 20, Bexley 6
Burton "A", 7, Phi Delt 0
PMD 1, West St 0
Stud Hou 8, LXA "B" 6

Games next Sunday:

11:30 Fili-Phi Delt, Field 2
AEPI-Bak "A"
ATO-NRSA
Bur "B", Pi Lam
1:30 SAE "B", LXA
SAM-Sig Ep
Sen Hou-Bexley
Stud Hou-PKT
3:30 Theta Chi-Bur "A"
ZBT-Kappa Sig
Grad Mgt-Psychology
Sigma Chi-EC "A"

Golfers lose ECA bow to 7 foes; Navy tops field

Tech's varsity golfers felt the sting of being in a mild slump as they finished last in the E.C.A.C. tournament at Bethpage, New York, last weekend. The winning score in the match was turned in by Navy's Uttgart, who carded a 36-34 to finish with a two under par total of 70. Navy was also the winning team.

For the engineers, number one man Gerry Banner '68 shot a 90. Captain Travis Gamble '67 did one stroke better at 89. But, the sophomores gave Coach John Merriman a glimmer of hope for the future, as both Tom Thomas and Greg Kast shot 86's. The golfers should find themselves in very good shape for the next year, as Gamble will be the only man lost.

The team, which has been in this slump since qualifying for the E.C.A.C. will try to get back on the winning trail today at Brandeis. This match will mark the conclusion of the fall season.

Second-class postage paid at Boston, Massachusetts. The Tech is published every Tuesday and Friday during the college year, except during college vacations. By The Tech, Room W20-453, MIT Student Center, 84 Massachusetts Avenue, Cambridge, Massachusetts 02139. Telephone: Area Code 617, 878-3833, and 864-6900 extension 2731. United States mail subscription rates: \$4.25 for one year, \$8.00 for two years.

Tomorrow the kickers face Brandeis at 3:30 pm on Briggs Field.