The Institute is actively negotiating with the New York Central Railroad for air rights above the Grand Junction tracks that run along the route of the new line. A railroad official told the Boston press last week that consummation of the sale was imminent. Ownership of the Grand Junction track, he said, would allow MIT to build a branch line above the tracks, with a minimum 25-foot clearance. The tracks and associated right-of-way are $5,000 fee simple.

The railroad official stated that the deal would cost the company more than $1 million.

Currently the Institute has no definite plans for construction above the tracks, but Treasurer Joseph J. Snyder commented that "the need of maintaining a little-used facility of this size is absolutely imperative." He added that the 27-acre estate in South End, which once housed the Cambridge manor estate of Col. H. R. Green, will go the way of the MIT property.

The Jesuits will use the site, which borders Bazzard's Bay, as a retreat for men of all ages. In announcing the sale, President Joseph J. Snyder commented that "the meeting of a little-used facility of this size could be justified in view of the pressing needs of the education and research programs of the Institute." In recent years the property has been used as a summer house on the Roxbury estate given to MIT in 1948, by Miss Helen Wing, who will take over the property and equipment at Round Hill.

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Vol. 84, No. 26
Cambridge, Massachusetts, Wednesday, December 2, 1964

Seven appointed to faculty

December 18: last day for dropping subjects

The Registrar's Office has announced that Friday, December 18, will be the last day in the fall term that subjects may be dropped with only advisor's approval. If requirements are met, the student obtains from the Harvard registrar a letter to Prof. Bartlett saying that the student has the necessary prerequisites, that there is room for the student in the subject, and that the registrar is willing to accept him.

Following this, Prof. Bartlett sends a registration with Dean Andrews, the Harvard registrar. Prof. Bartlett is given a letter and copies to the appropriate MIT officers (registrar and counselor).

Lichtheim lecture gives reasons for progress of Communist Party

New England Jesuits purchase Round Hill research center

INDEX

Editorials 2
Features 2
Departments 1
Rathbun 1
Klitman 1
Investor 1
Sports 2

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Ticket profiteering: a student problem

The Mitchell Trio concert last Tues- 
day was presented by LSC at a fraction of its costs, as a result of distributing the Institute community the profits from the film series. Each $1.00 seat cost LSC about $2.25. At such a low price the con-
tert was very much a public service. It was a pity, then that some indi-
viduals decided that the concert could be a private service. Some amateur entre-
preneurs resold tickets for $5.00 or more. Other enterprising souls have been self-
servingly reissuing original free tickets to the NYC
Ballet. This sort of profiteering is reprehen-
sible, but we can only hope that the con-
science of the student body to discourage such activities. The problem of prevent-
ing profiteering and allowing all funds to re-
sters rests on the shoulders of student gov-
ernment.

The situation is currently not unbearable; but it is within the power of the Judicial Committee to look into the mat-
ter and undertake such a determination. If it sees serious, large-scale ticket resale might occur. Certainly a t u d e n t government might take an action that would halt such student conduct long before official administrative action.

Jurisdiction in such cases, where both financial and individual judicial action may be involved, is another problem to be faced in the reorganization of student government being planned. Increased self-discipline by the undergraduates would mean a sharper, clearer, much more functional committee. The present system could be made to function under the same committee. The problem is not un-
bearable; but strong action now could avert serious, large-scale ticket resale. Further profiteering and outlining future organ-
ization.

Unfortunately A-Ball is in danger of being dropped this year. It seems that the requirement for a serious shortage of manpower — and consequently of money, for the Walker’s three din-
er halls, has made it all but impos-
sible for that group to function and run the week of the formal.

This is a real opportunity for some student groups to move into action and work for the general good of the student body. It is hoped that all students will see the need for action and encourage the student body to participate. There are a number of different poss-
sibilities for groups to open and operate. One is to include an annual event under the stu-
dent government reorganization; tickets might be sold, and profits from the oper-
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Harvard starts drive to obtain $11 million for science center

Harvard University has announced a drive to raise $11 million for construction of a new undergraduate science center. A vote of the Harvard faculty in October budgeted $1 million from current funds for the center, which is expected to cost $12 million.

Departments of Physics, Chemistry, Mathematics, Geology, Natural Sciences, Statistics, Biology, and Astronomy will be housed in 21,000 square feet of space. Use of federal funds, which might come from the National Science Foundation or the National Institutes of Health, will be avoided, according to a dean of the Faculty of Arts and Sciences in a recent Harvard Crimson article.

Department of Arts and Sciences

MAC revision

Prof. Fano anticipates project changes

By John Blankenbaker

Project MAC, short for Machine Aided Cognition and Multiple Actions Computer, is expected to undergo several revisions and improvements in the next few years. Last week the new equipment and the multiple uses of the project were explained. The actual types of changes are noted. Regarding the future of Project MAC and the computer industry in general, Prof. Fano's belief that "every good thing must come to an end." He did say that MAC would be

around for a long time to come, but could not specify how long. MAC presently operates on a three million dollar annual budget from the Advanced Research Projects Agency, and currently funds until 1986. Prof. Fano anticipates that in three to four years, systems programming will be taken as a project for industry, whereas applications and activities will continue to be one for the university.

Probably nothing clears up as many questions as a statement on many now as once seeing MAC in operation. All communications between the operator and the computer is handled by the teletype machine.

To begin with, no operations can be carried out on without first giving your name to the computer. You can either give your own name, if you are actually registered with the computer, or give someone else's name. As a computer is certainly not going to know the difference.

The computer's reply is in effect, "big deal. So your name is Fano, but what is the password?"

No doubt many observers have been disappointed, finding that the printer is turned off automatically when the password is typed in. A million dollar annual budget is going to be spent on the computer and no one may use it. The password is the password.

One of the operations of the computer is to have come to terms, commands may be typed in on a teletype. Before and after each command, ready and alert signals are given by the computer.

The ready signal indicates the running and lost time of the immediate preceding operation and signifies that the computer is ready for another command. Once the command is given, the wait signal acknowledges the given command and records its time, 0060.

As the signal implies, there is a brief pause before the command is actually executed, due to other telephones being used at the same time.

One particular series of operations proceeded as follows: The "LSET command was given which listed the operator's files and how long they were. Two files on twenty-one tracks were indicated. The PRNTPT PRIMED MAD command was given which printed a twenty line MAD program for the program test of the computer. The operator name is included in the file name of the computer which is set up for posting. The files may be printed on two lines. Ten and thirty were printed and the line numbers were immediately given as 11, 13, 17, 19, 20.

In another similar set of command, the range was printed as

(See next page)

Princeton 'quad' named for Compton

Princeton University has honored three brothers, Karl Taylor Compton, Jr., Matthew Compton, and Arthur Holly Compton, by naming a new Quadra- gle Court. Princeton University has honored three brothers, Karl Taylor Compton, Jr., Matthew Compton, and Arthur Holly Compton, by naming a new Quadra- gle Court. Princeton University has honored three brothers, Karl Taylor Compton, Jr., Matthew Compton, and Arthur Holly Compton, by naming a new Quadra- gle Court.

Karl T. Compton was president of the University from 1916 to 1946. He received his doctorate degree from Princeton in the 1930's, as did his two brothers.

Mrs. Karl T. Compton was present at the dedication ceremonies.

Peace Corps test

The next Peace Corps placement test will be given Monday, December 7, at 3 p.m.

It will be administered at the Brighton High School, 25 Warren St., Brighton.

Further information concerning this placement test is available at the Placement Office, 54-211.

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School of Law
movies...

Wouk novel makes bad movie
by Jeff Bloch
If you have a mind to like literature and have read Henry James' 'The Death of a Lion,' you have read in essence what Robert Wouk has made into 'Youngblood Hawke.' A writer, begotten from hisilomnitage by storytellers and perceptronists, he zichs a rosidic of the solitude upon which his art depends.

Unlike James, who set his novel in the English countryside and went on less care, we have had Wouk decorahed his work with every modern twist and turn. He is very familiar with the idea of a literary critic, lawsuit, suicide, adultery, business. I suppose this familiarity makes Wouk not suffer material.

Yet, I had best not be too bold in generalizing about the author. The movie clearly does nothing to help sell the book. Wouk should never have let the hounds get hold of it. What might very well be a potential classic is hidden beneath the inevitable mascara of Hollywood film art.

Dripping with television cliches, the film runs out you with the usual emotionality the public likes. If I were a businessman, as someone in the movie managed to point out through his Hollywood makeup, I should be delighted to find the man paying its money to see it; actually, I should be just as delighted to find the public not paying a cent. But a movie is a one-shot affair: once you are taken you are taken. You walk out with the feeling that your brain has been overused, chewing the back part, feeling funny about the sex scenes, vowing never to read the book.

Unfortunately, you blacklist the author for all time.

You don't realize that the movie and not the book is responsible for your stomach ache. The Hollywood style is disgustingly familiar. Picture those hot-blooded scenes where the basic idea is to air the air for the first time the tragic news, begins to shake like an epileptic; his lips twitch, his eyes widen so that you can see the blood veins. He drops the receiver to the floor and breaks out in tears. James Frainchook who plays Youngblood, does it well. Then there are the 'cheesed' women who start to save away at each other and at everybody else with the most nauseating impersonation. Sassy Jessie (Genevieve Page) to Youngblood, nothing of the millions he has made on his first book, 'You're a fast worker.' Later on she exclaims, 'Well I'll bet,' which a few people thought funny enough to laugh at. When it comes to the sub- and sexist drivel none can compare with Suzanne Plachtenet, who plays the third corner of the triangle.

The book, for all it knows, might be realistic and profound. Here and there in the film there are hints of an underlying unity to the work, unity which the director clinically doesn't care about. Wouk wants to sell the movie. On occasion Herman Wouk peeps through, and what he says, through the medium of his novel and in spite of the medium of the film, leads me to suggest that you read the book instead.

Were the Mitchell Trio tickets worth the black market price?

Photo by John Twomey
Opinions vary. But most of the audience reacted favorably to the Trio's songs and set after the November 24 performance at the Knepper Auditorium. Along with the usual folk songs, Mike Kock, Chad Mitchell, and Joe Frazer belted out their famous 'John Birch Society,' and 'Twelve Days of Christmas,' a song inspired by the hero's welcome given certain released ex-Nazi's.

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An Equal Opportunity Employer
BY N. MORITON WALLINGFORD

At the foot of Quincy Street stands one of the city's best kept secrets, the Baseh-Halifax Grilier for the German Arts. It is a small and convenient and convenient, only as a twenty-minute walk wherever there is fire in Harvard Square.

The most striking thing about the building is the careful attention to setting to which the artists have recourse. For instance, the first major exhibition of a "Honestum Gallery," a tall, hand-carved wooden housing place's cut of church architecture from that period. Like a church, the light from windows high on the walls, no doubt intended to create a direct glare, a soft glowing light wherever.

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ART MAKING THE SCENE

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The twentieth century German artists are fully represented in this exhibition. The museum collection is especially rich in examples of German, French, and English work. In this exhibition, the German work is especially well represented. Some of the most important works are by Paul Klee, Max Ernst, and Paul Gauguin.

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Lectures and concerts are being held throughout the week. On Tuesday, December 1, at 7:30 p.m., there will be a lecture on the history of the exhibition. On Wednesday, December 2, at 8:00 p.m., there will be a concert featuring the works of Beethoven, Brahms, and Wagner.

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**New 5.01N course stresses theory**

The Department of Chemistry's new experimental freshman course, 5.01N, is meeting interest in chemical theory among the 53 students enrolled, according to course director Professor William R. Moore. With the Institute's academic methods changing the pilot course was designed to test a new approach to the core courses 5.01 and 5.02 to deal in greater depth with the topics covered.

Much of the traditional empirical cataloging of elements and their properties has been de-emphasized, and the instructors have planned to develop in detail the concepts of kinetic theory, crystal structure, and the theory of liquids as a base for later study in descriptive chemistry.

Professor Moore believes that since high school courses are improving the freshman's preparation and ability to handle chemical arithmetic, the stress upon machinery and calculation can be kept at a minimum.

The new course stresses correct operational techniques both in laboratory and in the use of theory in such traditional areas as chemical equilibrium. The laboratory for 5.01N has been a substantial revision of the 5.01 laboratory and has been conducted with higher precision equipment and different experiments.

According to Professor Moore, these labs have proven very successful.

The course sequence 5.01N-5.02N was first proposed last June as a model-year course. At present, it is given in three lectures, and six Labs per week. The textbook chosen has not yet been published and yet has been distributed in note form as a reference on lecture material.

He hopes to bring to his students the fundamental chemical principles that emphasize chemistry as a logical discipline.

Round Hill researches include Van de Graaff

(Continued from Page 1)

The apparatus measured the best frequency of two maser beams propagated in perpendicular directions as they moved, any small change in the distances traversed by the wave could be precisely measured.

In 1957, a 2 million-volt Van de Graaff generator, 43 feet tall, was built at the blimp dock of Round Hill by Prof. Robert Van de Graaff. It was the first large generator, now obsolete, it is in the Boston Museum of Science.

After Lincoln Laboratory was established in 1959 the Round Hill facility was used by Jerome H. Wiener, now Dean of Science, later to work in space transmission of microwaves for long distance radio communication.

M.I.T. workers will remain on the site until early next year.

**WHAT'S NEW IN THE DECEMBER ATLANTIC?**

**“Why Europe Feels Un!”** by Raymond Arons: Misunderstandings regarding the use of nuclear weapons have led Western Europe and Russia to fear the United States and to doubt its sincerity.

**“Are Movies Going to Pieces?”** by Pauline Kael: New American Cinema where there is no plot, no sensible meaning, and no recognition of players instead of straight reporting.

**“The New Sportswriter”** by Michael Curti: How sportswriters now use the successful approach with a little thought to what they are writing.

**PLUS AN ATLANTIC EXTRAS:**

- Edwin Starke: “One Spring Morning”
- Paul Carpenter: “The New Yorker”
- John Aron: “The Atlantic”

**NEW SPICE**

By Bill Black

Oscar Brand, the bawdy folk singer, will be the guest of the Thirsty Ear at its opening night, December 5.

The Thirsty Ear, the Graduate House pub, located in the basement, had extensive redecoration work done to prepare for its new opening. During the redecoration, a stage, curtains, a sound system, and acoustic baffles were added, and the lighting was changed.

Eventually it is hoped to get the new bar with what was termed “a beer first, coke second appearance” to replace the current, reversed situation.

Entertainment such as Carolyn Hester, the Blue Notes, the Argonauts, Pete Seeger, Peter, Paul & Mary, Joan Baez, and Judy Collins may appear in the future.

The pub, open every night of the week except Tuesday, will have activities every night. On Fridays and Saturdays, local and amateur bands and special big name entertainers are planned.

Open to graduates of MIT, the Thirsty Ear will provide entertainment at lower than average prices.

**NEW SPICE**

By Bill Black

Oscar Brand, the bawdy folk singer, will be the guest of the Thirsty Ear at its opening night, December 5.

The Thirsty Ear, the Graduate House pub, located in the basement, had extensive redecoration work done to prepare for its new opening. During the redecoration, a stage, curtains, a sound system, and acoustic baffles were added, and the lighting was changed.

Eventually it is hoped to get the new bar with what was termed “a beer first, coke second appearance” to replace the current, reversed situation.

Entertainment such as Carolyn Hester, the Blue Notes, the Argonauts, Pete Seeger, Peter, Paul & Mary, Joan Baez, and Judy Collins may appear in the future.

The pub, open every night of the week except Tuesday, will have activities every night. On Fridays and Saturdays, local and amateur bands and special big name entertainers are planned.

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bbox [0.06 0.16 0.96 0.41] The basic object of the work has been to create a very hot plasma produced in magnet lab. Basketball team will open up its season after outgrowing old facilities. On the future of nuclear fusion. Professor Smullin is now working on his fourth "machine." He has moved into the National Mag- net Laboratory after outgrowing older facilities. On the future of nuclear fusion, Professor Smullin says that, as with any new development, "people will have to learn what it's good for." Powerful power sources will not be exhausted in the near future. Certainly, we will find a place."

bbox [0.06 0.41 0.96 0.81] Moreover, various methods of doing this are being worked on throughout the country. The basic object of the work has been to create a very hot plasma produced in magnet lab. Basketball team will open up its season after outgrowing old facilities. On the future of nuclear fusion, Professor Smullin says that, as with any new development, "people will have to learn what it's good for." Powerful power sources will not be exhausted in the near future. Certain---

bbox [0.06 0.81 0.96 0.92] Doesd-IkAl- about Old Spice Stick Deodorant Dries as it applies... in seconds. And stays dry! Gives you fast... comfortable... dependable protection. Lasting protection you can trust. Try it. Old Spice Stick Deodorant for Men. 1.00 plus tax.
Wrestlers lose 1 regular look; perfect for Tech rascqued coat

The MIT varsity wrestlers faced some formidable opponents last year, including Harvard and Tufts. However, the team fell to a 6-7-1 record and had to work hard to improve for this season.

Last year's team fell to a 6-7-1 record and had to work hard to improve for this season. This year, the team has added several new competitors, including U Williams, who went 12-0-1 at 157 pounds. The Assn. has added the classes of 152 and 191 pounds to the list, and the team will have several new competitors to fill the vacant spots.

New England champ Bill Thilly, who was the addition of several sophomores, will be especially helpful. Freshman Greenwood '66, 147-pound Marland will be a top returner, along with senior captain Bob Wells, a two-year letterman at 167 pounds. Other returning two-year lettermen are J. A. Last year's team fell to a 6-7-1 record and had to work hard to improve for this season.

The loss of four outstanding wrestlers from the previous season definitely dealt a blow to the team, but the team should still have a strong squad for this year. The only graduation loss of a regular was that of Captain Mike Williams, who went 12-0-1 at 157 pounds.

The MIT varsity team wrestles in the fall season, but the season's start-up will be delayed by a small number of varsity and 20 yard records in the 200 yard and 500 yard free events. Dick St. Peters Sr. has the fifth highest scoring season at MIT - 356 points last season.

The team's schedule will continue for another two weeks, and they will continue to work hard to improve for this season.

In the meantime, the team will be participating in several invitational meets and will continue to work hard to improve for the season. The team is looking forward to a successful season and will work hard to improve for the future.