

Combined Military to Present Ball; Ike, Chiefs-of-Staff Invited

The Combined Military Organization, representing all the military programs at MIT, has been formed specifically to run the Military Ball, to be held Saturday, March 5, 1960, in Walker Memorial.

Scabbard and Blade, the honorary society of officers in ROTC, originally sponsored the Ball annually. This year they were joined by the Pershing Rifles, Army, Navy, and Air Force ROTC to run the semi-formal. Each member of the combined organization is responsible for one aspect of the Ball.

The Pershing Rifles, more exactly company C-12, is responsible for publicity, with Reed Freeman, '61, in charge of the committee.

The Scabbard and Blade, company G-5, is in charge of Invitation and Guests. The guest of honor will be Colonel Gilbert G. Brinckerhoff, Jr., commander of the MIT Army ROTC.

Commanders of local ROTC units are invited, as are the Deans, and, as protocol demands, the President of the United States and his Chiefs of Staff. Allan Maclaren, '60, heads this committee.

The Army ROTC, with a committee headed by Blake Foster, '60, is in charge of the decorations of Walker Memorial, and a committee of NROTC, under Chris Simonson, '60, will build a booth in Building Ten for the sale of the \$4.00 tickets.

The Military Ball always has a Queen. This year's queen contest is in the care of Walt Niessen, '60, heading a committee of the Air Force ROTC. The nomination queen is limited to the dates of ROTC members, but the selection of the five finalists is by the voting of the whole student body. The queen is selected from the five by the commanders of the sponsoring organizations.

The over-all chairman of the Combined Military Organization is Steve Goldstein, '61, of the Navy ROTC.

Ira Jaffe '61 UAP Candidate; First To Declare Intentions

Ira Jaffe, '61, has become the first to throw his hat into the UAP ring. As yet, he stands alone, no other candidate having announced his intentions to run.

Two reasons were given by Jaffe for his early declaration. He stated that many persons are talked into running at the last moment against their better judgment. Therefore he wanted it known that the decision to run was his own. Secondly, Jaffe said that he wanted adequate time to prepare a platform.

It is not up to the candidate to come up with a list of promises with nothing behind them, in Jaffe's opinion. For this reason, he has not yet prepared a definite platform. At the present time there are many problems that the UAP can handle. He felt that when he has had time to talk to the individual groups to whom these problems are of interest, he can make a definite statement on them.

Cited as examples by Jaffe are open house hours, hotplates, and the compulsory commons. Giving time for him to consult those persons directly concerned with these problems to fully find out about them was one of the reasons for Jaffe's early declaration. He said that the only good way to prepare a platform is to talk to those directly concerned.

Jaffe stated, however, that any solution to these problems must be well thought out and well presented to the administration. Too many good ideas are ill prepared or are presented in a poor fashion and as such receive little consideration.

Jaffe told a The Tech reporter that he has talked to former UAP's and friends to ascertain the duties and time consumed by the UAP. Jaffe cited his past experience in activities and willingness to give the time as reasons for running.

He stated that the honor and challenge of the office were well worth the time and effort put in on it. Instead of trying to fit time into his schedule, Jaffe will have time from certain activities he will drop, in addition to the 20 hours a week he now spends working. Jaffe said that he will have this time in addition to his spare time to devote to the job.

At the present time, Jaffe is president of Beaver Key, as well as being a member of the Athletic Association. He served on this year's Junior Prom Committee. Jaffe is a member of Alpha Epsilon Pi fraternity.



Ira Jaffe, '61, became first of UAP candidates to announce his intentions.

600 copies of the first issue of "Tangent" were sold.

LSC Upholds Ancient Tech Tradition; Sponsors Free Movie This Thursday

An MIT tradition is the free movie on the Thursday of each reading period, sponsored by the LSC. This year's relaxer is "No Time for Sergeants."

The movie, described as a military farce, tells of the tribulations of the Air Force when they dare to induct a Georgia hillbilly, willing though he be.

Andy Griffith stars in the slapstick

comedy. Specially selected short subjects will also be shown.

There will be two shows in the Kresge Auditorium, at 6:00 and 8:30.

The free movie is paid for by the profits of the other LSC productions.

Some of the pictures LSC will present next term are: "Some Like It Hot", "Gigi", "1984", "Cat on a Hot Tin Roof", "Rally Around the Flag, Boys", and "Henry V".

Baker Routed, 51-34

Senior House Cops Cage Crown

A well-balanced Senior House team outshot and outrebounded the Baker House squad to capture the intramural basketball championship by a score of 51-34. The victors sunk 20 field goals compared to their opponents' 12, and backed up their sharpshooting by controlling the boards with superior height.

John White, '60, of the victors began the scoring by hitting with a long set shot, and teammate Karl Josephy, '61, followed with another. The teams exchanged several baskets, and then Dick Bradt, '60, who was the Baker House sparkplug and chief offensive threat, sunk a long jump shot to reduce the difference to a 7-6 Senior House lead, the smallest margin of the entire game.

The quarter ended, 12-8, after White, in the game's most sensational play, leaped out-of-bounds after the ball, and, while in mid-air, flipped it behind his back into playing territory.

Events of Term Demonstrate Dynamic Progress of MIT

MIT is a living, growing organization. This past term, whose activities and happenings were reported in The Tech, demonstrate the dynamic progressive nature of the Institute community. At this time, the closing of another volume of The Tech, it is fitting that we present this year's stories, as they broke and as they were covered.

September 18: 930 eager Freshmen were welcomed to MIT and immediately introduced to one of the most thorough get-acquainted programs sponsored by the administration. Of these, 305 elected to join fraternities and the rest settled down on West and East Campus — and the Walker Memorial Gym.

September 25: Dean E. P. Brooks retired as head of Course 15 and Professor Howard Johnson was named his successor. Another move, in protest against the dormitory sign-in system, was made by UAP Chris Sprague, '60.

September 29: Junior Prom Committee announced the scheduling of the Kingston Trio for JP as throngs of young women paid their buck and two bits to get acquainted with Tech men. The entire community was saddened by the loss of Dr. B. E. Proctor, Course XX head.

October 6: The one-and-a-quarter million dollar DuPont Athletic Center was dedicated and President J. A. Stratton stressed the need for quality in higher education in his annual report.

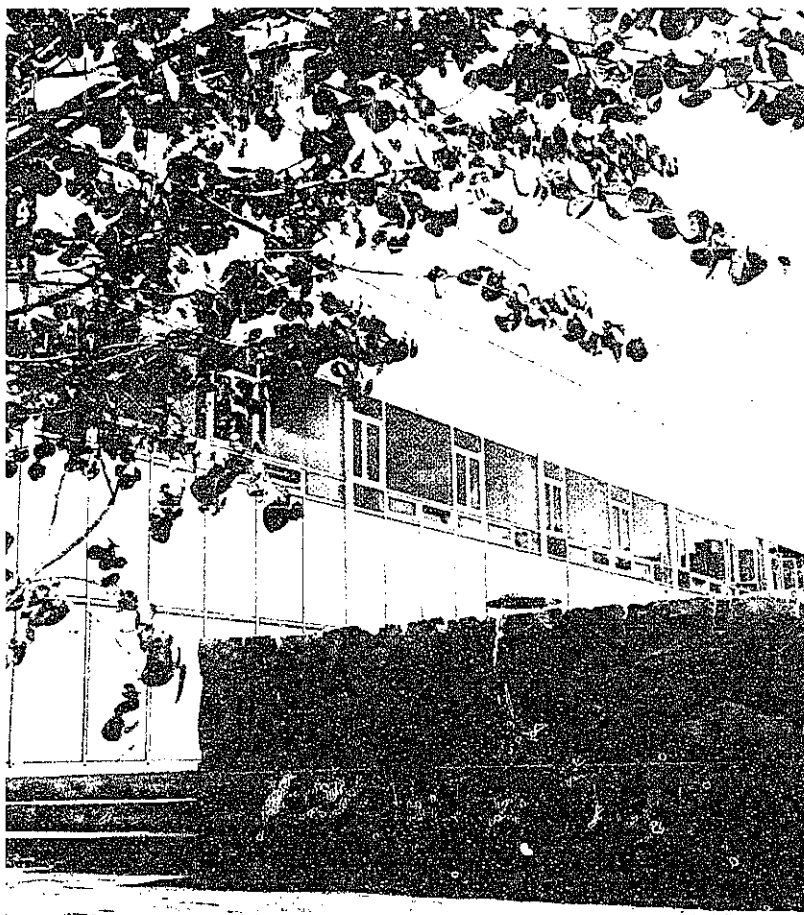
October 16: Acting on a report from the delegation the NSA convention last summer, Insecomm took no action although urged by The Tech to withdraw MIT from NSA. The JP Committee contracted Larry Elgart for Friday night of JP and sold 400 options for the weekend.

October 20: The Tech revealed a black market on option sales to JP and Tech Flying Club President resigned in the face of heavy criticism.

October 23: Ford Foundation gave nine million to MIT to revise engineering curricula and the Class of '63 elected its leaders.

October 27: Dormitory Council's Constitution was approved by Insecomm and took its place as sole representative of the dormitory system. Field Day rules were announced and Tech Matrons sponsored Section Mixers for the Freshmen and their professors.

October 30: Four Junior Prom Committee members were found guilty of oversights by Judecomm and the class of '63 is-



Newest addition to the MIT campus was the modern and strikingly designed DuPont Athletic Center which was dedicated and used for the first time this year, opening up a new era in facilities available to varsity and intramural teams.

sued a ringing Field Day challenge to the sophomores. Dr. Otto Struve, internationally famous astronomer, began the first of the Karl Taylor Compton lectures.

November 3: Five JP Queen finalists were chosen by Techmen and one male candidate went down in defeat. NSA rushed representatives to Insecomm's session as disaffiliation was deliberated.

November 10: MIT withdrew from NSA as 1,500 packed the Hotel Statler to dance and see Miss Paie Sanger crowned Queen of the festivities. Ira Jaffe, '61, emceed as capacity crowds mobbed the Armory to hear The Kingston Trio.

November 13: '62 swept over the more-numerous Freshmen in

a lopsided Field Day victory. The Tech printed World News as Boston newspapers went on strike.

November 17: Judecomm acted on a kidnapping case that occurred Halloween night and recommended pencil probation of four Baker House residents. A committee from Senior House presented student discontent with the housemaster system.

November 20: MIT lost one of its great leaders as Admiral Edward Lull Cochrane passed away November 14.

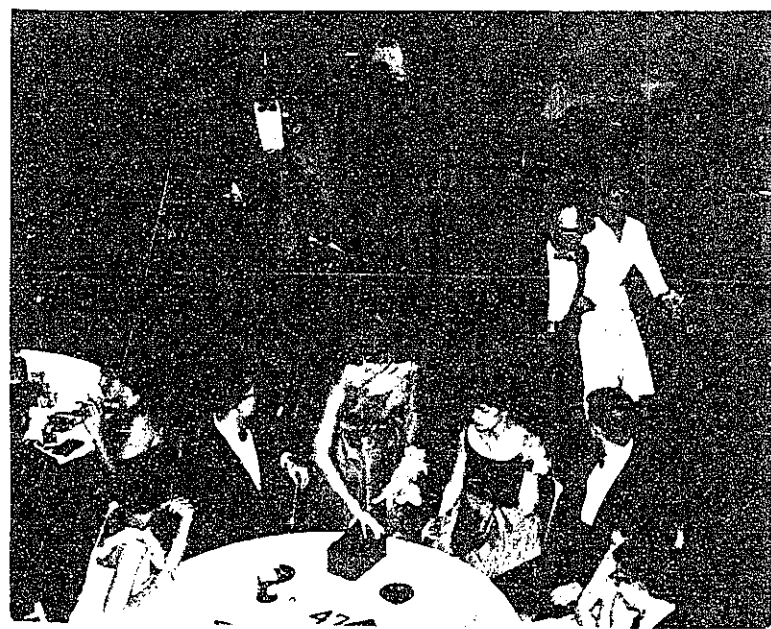
November 24: President Julius A. Stratton denounced the NDEA loyalty oath, calling it "misplaced patriotism". An MIT freshman, Jeff Hoggle, leaped into the cold waters of the Charles to rescue a drowning man.

December 8: Many cases of so-called food poisoning caused Baker House President Frank Tapparo, '60, to call a house meeting at which the commons system at Baker was severely criticized. PRC adopted a new constitution and Finance Board's duties were defined.

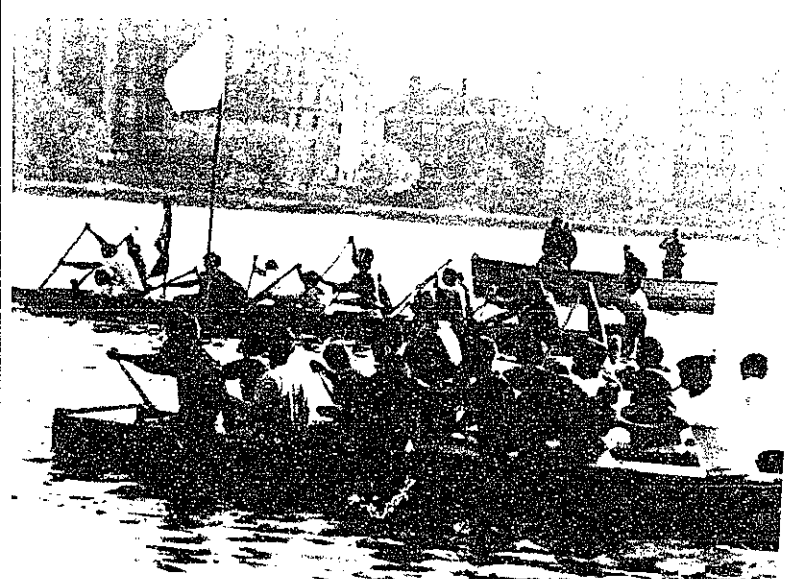
December 11: Dean Gordon S. Brown described proposed changes in the engineering curriculum to be precipitated by the Ford Grant. Tau Beta Pi initiated 40 new members and the Baker House gastroenteritis continued to be a major issue of concern.

December 15: Professor A. C. Cope was named head of the American Chemical Society for 1961 as the Institute prepared to shut down for the holidays. Polaroid honored past-president J. R. Killian in appointing him a corporation director.

January 8: MIT announced plans to cooperate jointly with industry in construction of a fifteen million dollar research center in the area adjacent to East Campus. The Class of '62 revealed the coming of Dizzy Gillespie to Kresge, February 17, and Pershing Rifles presented Sabicas to Techmen and their dates.



Well over a thousand Techmen and their escorts attended the Junior Prom which featured Larry Elgart and the Kingston Trio, which performed in spite of a last minute shortage of shirts. Donned in garments borrowed from Techmen, the three captivated the packed crowds.



Both boats survived their virgin plunge into the Charles despite many nocturnal ramblings in the week previous. Winning the race, the Sophomores lost to the Freshmen in the field of design.

The Final Edition

The cover has closed on Volume seventy-nine of this newspaper. A little less than a year ago we said: "We of the newspaper look forward to the yet unwritten contents of this volume; the events . . . which it is our privilege to observe and report. . . ." As of this issue the contents of which we spoke are complete; nothing can be changed, though at times we have felt that not enough has been said and at others that we have overstated.

The contents of this volume spin out a year of happenings at the MIT. Many will be remembered only by those personally involved, others will become a significant part of this school's past, some will be forgotten altogether. But we have felt a very real responsibility for increasing each student's awareness of both the large and the small so that he may become a better citizen in the community of which he is a part.

In the stories such as those of Open House, the IFC cooperative buying, the Ford Grant and the various long range plans we have seen the bright side of the year gone by. On the other hand, student government's lack of positive or fruitful action, the Junior Prom option sales, the IFC rushing violations, the International Week flag thefts and various student misdemeanors have also shown that all is far from perfect on the Institute campus. We have applauded MIT's withdrawal from the NSA but have deplored Incomm's lack of an active program to complement the passive resignation. We have admired the administration's method of handling disciplinary measures but have been dissatisfied with its plans for women students and, occasionally, for its lack of feeling for student problems. This criticism of both the favorable and the unfavorable strikes a balance which it has been our responsibility to preserve. To omit the bad is as grave an editorial sin as to print it alone.

Perhaps our deepest concern has been with the lack of principles and consideration in the undergraduate body. It may be that the problem does not exist here any more than at any other university, but the specifics of the last year show that all too often good reason for concern arose. In these cases we felt it distinctly necessary to raise at least one voice in protest and, at times, in dismay.

We who have directed and held ultimate responsibility for this volume can only hope that it has broadened the awareness of its readers, perhaps adding to the inspiration of some. We pass on to our successors the editorial obligation we have held, and hope they will feel, as we have felt, that their work is of value to the MIT community.

review

The Sea Gull

On December 17th, 1898, the Moscow Art Theatre founded and directed by Stanislavsky, revived "The Sea Gull" by Anton Chekhov, then only thirty-eight years old, and still hopelessly in despair over a previous failure of the same play in 1896. The performance was a success, and from then on the young author proceeded to give us such famous plays as "The Three Sisters" and "The Cherry Orchard".

Chekhov's plays are a mixture of gentle poetry, delicate characterizations, simple symbolism and a freshness of peaceful countryside; but they deal with humans, with the problems found in the fight between the Old and the New, the Rich and the Poor. "The Sea Gull" deals with failure or misunderstanding, and it is difficult to separate the two: Konstantin, an aspiring writer, is either laughed at for his lack of talent, or else he's a great genius, too far ahead in his theories to be comprehended by the people of his time. The decision is even harder to make because, to his literary aspirations, he adds the madness of love, love for Nina, a young girl who wants to become an actress and fails to do so. Is the play about the miseries of a theatrical career? Is it about the reluctance of the public to accept the young artist's innovations? Is it about the intrinsic unhappiness of people who live an artificial life, even when not on stage, like Irina, Konstantin's mother?

The Community Players opened last Thursday night with "The Sea Gull" and we went to see it, in search of some answers to these questions. We were not deceived: an honest production, hesitant at times, excellent at others, the performance was enjoyable and well handled. As has been the tradition of that group, the set and light designs, by Beverly Glemser, Charles Lecht and Steven Russel, were quite impressive and well above what could be expected from any amateur group. The third act, in particular, deserves a special mention for its reality, coziness, life, comfort and luxury.

It seemed to us, on the other hand, as strangely as it may sound, that the direction assumed too fast a pace, depriving us of a quieter appreciation of what was going on. The exuberance in some of the actors assumed very often unbearable proportions, at the same time keeping these same actors from profiting from the comic lines and attitudes they were given in the script. We are particularly thinking of Yvonne Herz as the mother, who, in spite of a commendable performance kept the level of her exaggerated manners too high, so that when the time came to take ad-

vantage of this aspect of her character, in what may be called the "seduction scene", she failed to make it as comic as it can be, because the audience didn't catch the transition.

Bob Leibacher, as Trigorin, mastered his character to perfection, varying tones, gestures and feelings with competence, moving with ability, in full possession of the role he was playing. Dick Bogan, as Konstantin, gave the best performance we have seen him give: at ease in his role, he portrayed with exactitude the suffering, the anguish, the despair of a young man who lives for ideals, for love, or else dies. Thanks to these two actors, the play moved through four unnoticeable acts, keeping the audience interested, attached, on edge, admiring the young man but secretly wishing for the old one to show him the "way of the world".

Catherine de Rivera, as Nina, has a nice figure and a tendency to go up and down on the tips of her toes, the height varying with the importance of the speech she's delivering. Shamraev, played by Jack Rosenfeld, is the comic relief, both in the original and in the production, on livening the stage and, although a little exaggerated at times, pantomiming with precision and good taste.

Jol Oberly directed the play and did so with measure, in the difficult job of interpreting Chekov and combining comedy and tragedy. If "The Sea Gull" lacked a little unity it was rather a gap created by the different qualities of the actors; but the excellence of some of the performances, the competence of the third and fourth acts well made up for it.

"The Sea Gull" will be presented again this weekend and tickets can be purchased in the Main Lobby of Building 10.

Jean Pierre Frankenhuys, '61

half notes

Combined Orchestras

One of the nice things about combining two college bands or orchestras is that where each group individually may be poorly balanced due to a preponderance of strings or brasses or woodwinds, the combined group often is well balanced due to a cancelling of these effects. Such was the case last Saturday night when the Mount Holyoke College Orchestra and the MIT Symphony Orchestra gave a joint concert in Kresge Auditorium. For a change the string section was able to produce enough sound to balance the rest of the orchestra and to make the total effect that of a symphony rather than a chamber ensemble.

David Holden, conductor of the Mount Holyoke Orchestra and our John Corley chose an excellent program for the concert, in terms of the length, balance and diversity of the works.

The program began, therefore, with Mozart's "Symphonie Concertante." Miss Cynthia Field (Mt. Holyoke, '62) was viola soloist and Dennis Johnson, '62, played solo violin. Two excellent musicians, they played confidently, accurately and with great sensitivity. Their duets were characterized by precision of attack and execution, carefully matched tone qualities and perfect balance; and in both the duets and solos their phrasing and attention to dynamics were admirable. They received good support from the orchestra, where the horn section in particular was outstanding. In general Mr. Holden gave the work a traditional interpretation, although his tempi were a little slow. This was particularly true of the second movement, where he maintained an exaggerated andante, which made the music rather somber, and made it difficult for the strings to sustain their tone quality and intensity over the long phrases. The work was well scored by Mr. Holden and the result was good orchestral balance, but full advantage was not taken of the possibilities of dynamic range and contrast which the group provided.

The Tech

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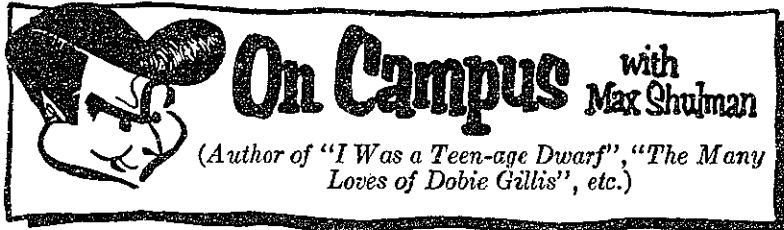
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Schubert's "Unfinished" Symphony, which received its first Kresge performance, was not as well scored, as there was too much doubling on the woodwind parts, which destroyed the balance. Thus the intended ensemble effect of some passages was lost, and the syncopated figures almost overpowered the theme on occasion. The solo woodwinds were fine, however, as were the brasses and cellos on the majestic thematic statements of the first movement. Mr. Holden's interpretation of this work was more sensitive than of the Mozart, and although he departed slightly from tradition in repeating the first section of the first movement, his tempi were more standard.

The concert concluded with Mr. Corley conducting Weinberger's "Polka and Fugue from Schwanda." It was here that the small amount of rehearsal time which had been available to the combined orchestra was evident. The fugue material was somewhat too complex for them to master in such a short time. The climax was bright and solid, however, in fact so much so that Gerry Borrevik's fine organ-playing was almost drowned out.

The entire program, but especially the finale of the Mozart and the Polka of the Weinberger, was filled with the vitality which has become associated with the MIT Symphony. The two groups managed to overcome to a great extent the inherent difficulties of combining musical groups for a concert without sufficient joint rehearsals, and the performance was carried out with a great deal of finesse.



APPAREL OFT PROCLAIMS THE MAN

The hounds of spring are on winter's traces. Soon we will be shedding our mukluks and union suits and putting on our spring finery. And what does Dame Fashion decree for the coming season?

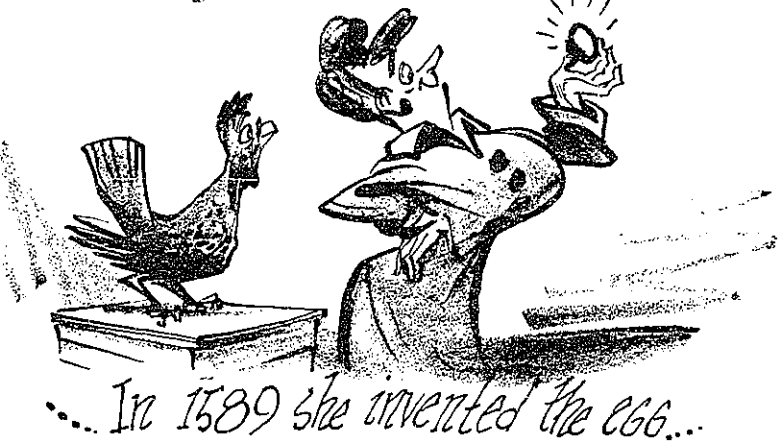
(Dame Fashion, incidentally, is not, as many people believe, a fictitious character. She was a real Englishwoman who lived in Elizabethan times and, indeed, England is greatly in her debt. During the invasion of the Spanish Armada, Dame Fashion—not yet a Dame but a mere, unlettered country lass named Becky Sharp—during the invasion, I say, of the Spanish Armada, this dauntless girl stood on the white cliffs of Dover and turned the tide of battle by rallying the sagging morale of the British fleet with this stirring poem of her own composition:

Don't be gutless,
Men of Britain.
Swing your cutlass,
We ain't quaitin'.

Smash the Spanish,
Sink their boats,
Make 'em vanish,
Like a horse makes oats.

For Good Queen Bess,
Good sirs, you gotta
Make a mess
Of that Armada.

You won't fail!
Knock 'em flat!
Then we'll drink ale
And stuff like that.



As a reward for these inspirational verses Queen Elizabeth dubbed her a Dame, made her poet laureate, and gave her the Western Hemisphere except Duluth. But this was not the extent of Dame Fashion's services to queen and country. In 1589 she invented the egg. In 1590, alas, she was arrested for poaching and imprisoned for thirty years in a butt of malmsey. This later became known as Guy Fawkes Day).

But I digress. Let us get back to spring fashions.

Certain to be popular again this year is the cardigan (which, curiously enough, was named after Lord Cardigan, who commanded the English fleet against the Spanish Armada. The sweater is only one product of this fertile Briton's imagination. He also invented the ball-peen hammer, the gerund, and the molar, without which chewing, as we know it today, would not be possible).

But I digress. The cardigan, I say, will be back, which is cause for rejoicing. Why? Because the cardigan has nice big pockets in which to carry your Marlboro Cigarettes—and that, good buddies, is ample reason for celebration. Do you think flavor went out when filters came in? If so, you've got another smoke coming. I mean Marlboros—all the rich, smooth flavor of prime tobaccos plus a filter that really filters. So slip into your cardigan and hie yourself to your tobacconist for some good Marlboros. They come in soft pack or flip-top box. Cardigans come in pink for girls and blue for boys. © 1960 Max Shulman

* * *

If you're a filter smoker, try Marlboros. If you're a non-filter smoker, try Philip Morris. If you're a television watcher try Max Shulman's "The Many Loves of Dobie Gillis"—Tuesday nights, CBS.

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Ivy Magazine announces its 1960 Fellowship for European Travel. The Fellowship will consist of a grant sufficient to enable the Fellow to spend six weeks in Europe plus trans-oceanic transportation both ways.

Applications for the Fellowship should consist of a typewritten summary of the student's scholastic record, his extra-curricular interests and achievements, and any other pertinent personal information. All candidates will be expected to submit a commentary of not more than 500 words on the subject: Mr. Khrushchev's trip to the United States.

Closing date for entries will be February 1, 1960. All entries should be mailed to: Ivy Fellowship, 2004 Yale Station, New Haven, Connecticut.

What Price, Education?

Analysis Reveals Costs of MIT

by Carl Wunsch, '62

A reading of the MIT Treasurer's Report issued in September of 1959, and a conversation with Mr. Walter L. Milne, of the President's Office, and Mr. M. G. Kispert, Vice-Chancellor, discloses information of interest to MIT students with regard to finances.

Of main interest, of course, is the question of tuition and the general pattern of increase in recent years. Tuition now covers 45 to 50 percent of the actual cost of a student's education. The remainder is paid for out of earnings on the endowment, from gifts, and from bequests. The rise in tuition slated to go into effect in September is designed to hold the percentage at the same level; the income from the rise will roughly balance the increased cost of about 500 thousand dollars a year.

It is expected that the Institute will hold the line at the fifteen hundred dollar a year level for at least two years. After that no promises can be made since forecasts are that costs will continue to increase. Despite talk by educators at other universities and institutions of having students who are able to do so pay the complete cost of their education, Mr. Kispert stated that MIT is not even contemplating the possibility and expects to hold the 45% level for at least the next ten years.

The percentage of undergraduates receiving scholarships is twenty-nine, and the average grant is nine hundred sixty dollars. Over 600 thousand dollars in funds from the Technology Loan fund have been granted, and future emphasis will be on the loan system rather than on scholarships.

A question generally asked by freshmen, whether it costs as much to educate a freshman as a senior, was answered by Mr. Milne. He admitted that the measureable cost to the Institute increases from freshmen through graduate students, but that actual cost was a very difficult thing to measure. He asserted that the educational value of such things as Kresge Auditorium, athletic facilities, and libraries was probably greater for underclassmen, and there was no way of determining the question of real cost.

Salaries paid to members of the faculty are in the top 6 or 7 in schools in this country; while not matching the highest, Harvard, in terms of cash, the administration believes there are other advantages to being an MIT faculty member which outweigh money.

There is no breakdown available on the amount of time the faculty spends concerned with education. It was emphasized that this varied from department to department and that it was difficult to separate education from research. There is no way of telling exactly how much time an individual instructor gives to preparation for his classes outside of actual tabulated classroom periods.

A breakdown on the education dollar at MIT is in preparation by a committee and will be forthcoming soon, to replace the outdated version which appeared in 1957.

To clear up a rather widespread misunderstanding over the food situation, Mr. Kispert delineated the role of the outside organization in the handling of meals. The Stouffer's group is not connected in any way with profit and loss in Walker or Baker House. They are paid solely for their managerial skill on a yearly fee basis; any profit or loss goes to MIT.

Specific figures on Institute assets, liabilities and costs may be found in the Treasurer's Report which is available to interested persons.

A future issue of The Tech will carry a detailed breakdown on this report.

Mr. Wunsch's analysis of the Institute's economic set-up will continue in the next issue of The Tech — Editor.



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Neckties	Value 1.50	Now .98	Four-in-Hands and Bows.
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Best Cartoons from Punch	Was 3.50	Now 1.49	
The Robe, by Douglas	Was 5.00	Now 1.75	
Records, Mercury Stereo	Value 4.49	Now 2.98	Westminster Monaural list 4.98 now 2.98. Westminster Stereo list 5.95 now 3.98
Remington Razors	Value 24.95	Now 16.88	
Norelco Razors	Value 24.95	Now 16.88	
Coop Pipes	Value 2.69	Now 2.19	2 for 4.00
Wallets	Value 5.00	Now 3.95	Plus Tax

Happenings of Term Highlighted



Many various and assorted people of all sorts, shapes, and sizes crowded into Walker Memorial to hear Prof. Bill Greene give forth with some original Beat poetry in an extremely successful Beatnik Blast.



Introduced for the first time in Field Day history was Event X, which included carrying many and unrelated items in a Mad Hatter's race which culminated in a Sophomore triumph.

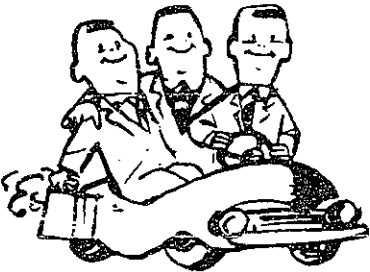


Institute Committee listened to MIT delegates and national officers of the NSA, then after long and heated debate moved to withdraw from the national organization.



One of the entering 930 scratches his head in amazement at what MIT has to offer him in the coming four years.

WEEK-END IN NEW YORK



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MID YEAR EXAM REVIEW SCHEDULE January 1960			
Date	8.01 Physics	18.01 Math	5.01 Chem
Wednesday	1-20 6- 8 P.M.	8-10 P.M.	6-8 P.M.
Thursday	1-21	8-10 P.M.	6-8 P.M.
Friday	1-22	8-10 P.M.	6-8 P.M.
Saturday	1-23	10-12 Noon	6-8 P.M.
Sunday	1-24	10-12 Noon	6-8 P.M.
Monday	1-25		
Tuesday	1-26	6- 8 P.M.	6-8 P.M.
Wednesday	1-27		

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INTERVIEWS will take place on campus Tuesday, February 9.
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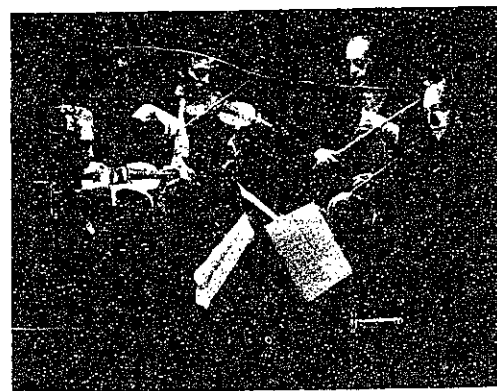
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Paganini Quartet in Concert Here



The distinguished Paganini Quartet made its first appearance in Kresge Auditorium Sunday afternoon. Composed of Henri Temianka, first violin; Charles Libove, second violin; David Schwartz, viola; and Lucien Laporte, cello, the quartet is well-known in the Boston area for its celebrated Jordan Hall concerts. Since its founding in 1946, the Paganini Quartet has played more than 1,000 concerts in this country, Europe and South America.

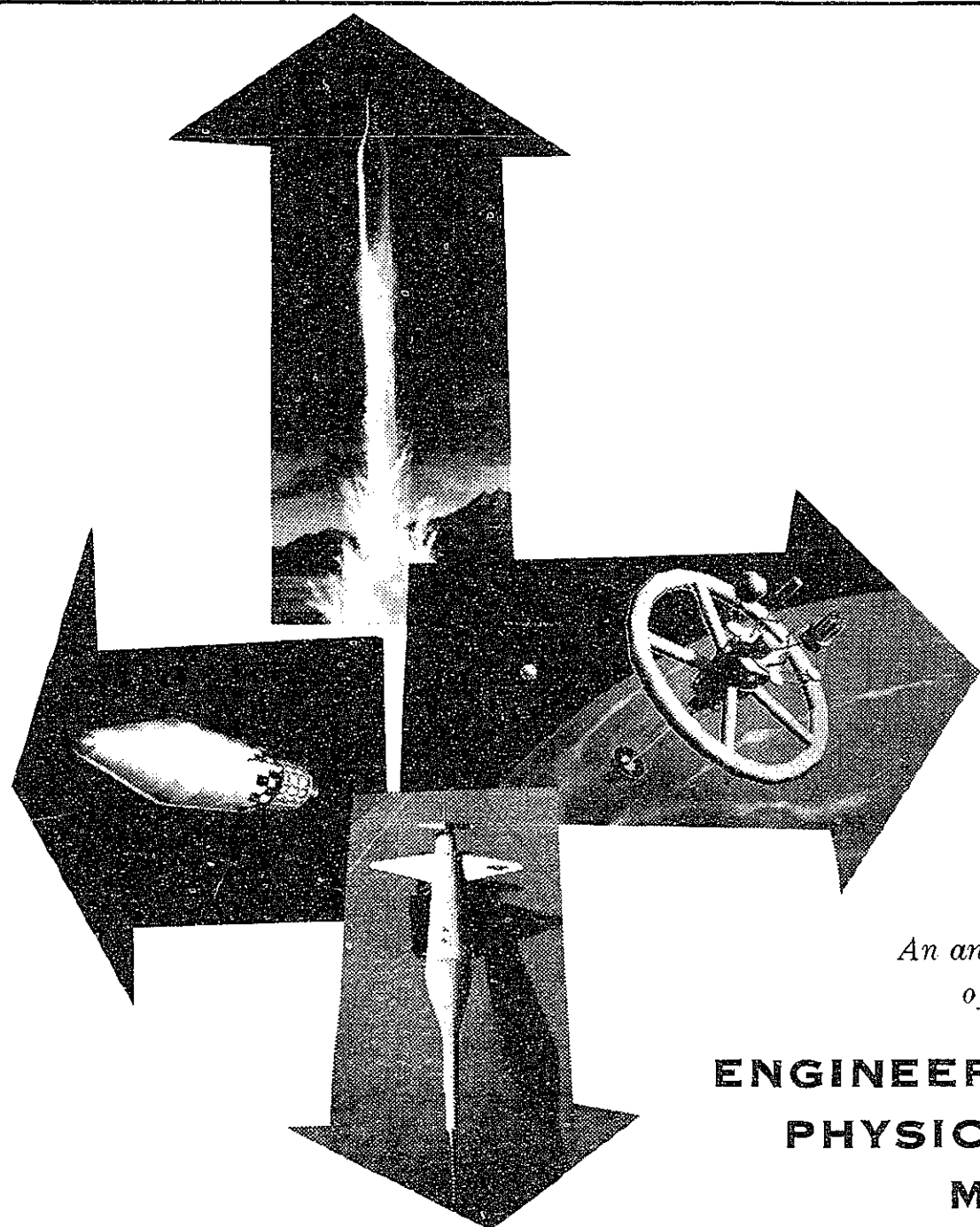
Players Present "Sea Gull"

Anton Chekov's *The Seagull* is being presented by the MIT Community Players, January 21, 22, and 23, in Kresge's Little Theater. The production of the play coincides with the Chekov Centennial, celebrating the 100th anniversary of the birth of the Russian playwright.

Tickets for the play, which is directed by Jol Oberly, are available in the lobby of Building 10, from noon to 2 P.M. daily.



Joan Duffield and Jack Rosenfeld as Pauline Andreyevna and Ilya Shamreyeff in the MIT Community Players version of Anton Chekov's "The Seagull".



*An announcement
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SPECIAL CAMPUS INTERVIEWS

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FEB. 11-12

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Salami Leads Beaver Freshmen in K of C Track

Mulli Salami, '63's record-topping performance in the broad jump highlighted the MIT track team's performance in the 34th annual Knights of Columbus track meet Saturday at Boston Garden. The frosh mile relay team also did well, being barely nipped by a University of Massachusetts quartet. Bob Williamson, '60, placed for the varsity by taking fourth spot in 50-yard dash in 5.7.

Salami leaped 21 feet 8 inches, four inches further than the existing frosh record, to place third in the meet behind

Mike Herman of the New York A.C. and John Douglas of Bates. He also got off a jump of 23 feet 2 inches but fouled in his attempt.

A freshman foursome consisting of Forrest Green, Harry Demetriou, Tom Goddard, and Stu Kurtz whipped through the mile relay in 3:38.5 only .7 second behind winning University of Massachusetts while downing Tufts and Rhode Island. The varsity were third in their race behind Brandeis and WPI and in front of Fairleigh-Dickenson.

Hockey Team Whips WPI 10-4; Salbu Scores Double Hat-Trick

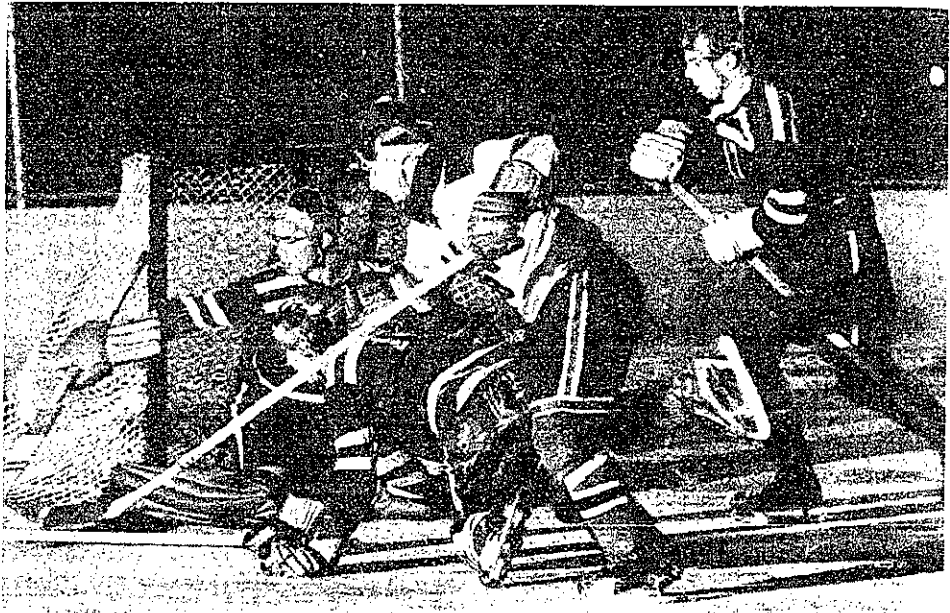
The Engineer varsity hockey team, led by wingman Eric Salbu's six goals, gained their second victory of the year Saturday night with a 10-4 triumph over Worcester Polytechnic Institute at the Briggs Field rink.

The Beavers, who had previously defeated Wesleyan, 2-1, tallied three times in both the first and third periods with four goals coming in the second stanza.

Nine minutes of the opening period elapsed before George Lerner, '60, caught the net after a rebound on a shot by Tom Sheahan, '62. Captain George Kirk, '60, also picked up an assist on the play.

WPI knotted the contest two minutes later but goals by Kirk and Salbu, '61, put the home sextet ahead to stay.

John Rupert, '62, opened the second period scoring after eight minutes and Salbu picked up his second and third scores after an intervening WPI tally. Lerner closed out the period with a goal at 19:57.



Sid Altman, '60, MIT left wing, passes close to the WPI crease as he chases a shot fired from the opposite side. Although this one didn't catch the cage, many others did as the Engineers romped to an easy 10-4 victory.

Photo by Curt Wiler, '62.

It was all Salbu in the third period. He gained his fourth goal at 4:10, taking a pass from Rupert, and completed his double hat-trick with scores at 15:15 and 19:43. Worcester tallied twice in the early minutes of the last frame.

Hank Schleinitz, '61, who received a broken nose in a recent puck encounter, returned to the ice wearing a head mask and contributed two assists.

Rupert counted four assists in addition to his goal while Sid Altman, '60 and Schleinitz each had two. Kirk, Lerner and Francis Berlandi, '62, had one assist apiece.

The scrap was the last of the term for the Techmen, who will return to the ice for five games next term. Four of these contests will be at home.

IM BASKETBALL

(Continued from page 1)

In the second quarter Senior House began pulling away. With captain Tom Traylor, '61, beginning to find the range and center Bill Grimmell, '61, clearing the boards better than ever, they upped the score to 19-12. After one foul shot by their opponents, the rout really began.

Don Shernoff, '61, led the scoring attack and the victors recorded thirteen straight points before Baker was able to tally again. The score stood at 32-13, with about half the third period elapsed.

Bradt's driving and rebounding sparked a Baker spurt that brought the score to 33-25, but baskets by Shernoff and Traylor pushed the margin to 12 as the third quarter ended.

The final period was uneventful as Senior House steadily increased its lead despite the futile pleas of the throngs of Baker followers.

Traylor, who tallied 47 points in an earlier 104-20 victory over N.R.S.A., and Shernoff led all scorers with 14 points apiece. Josephy pitched in with 9, White netted 7, and Grimmell, the top rebounder, tossed in the other 7 points for the new champions.

On the losers' side, Bradt hit for 13 points and was a ferocious rebounder. Al Ramo, '63, scored 7 and Jerry Hallee, '63, added 6.

Senior House advanced to the Sunday evening finals by vanquishing a tough Grad House quintet, 47-46. The champs, who finished the season without a single defeat, should be just as formidable next year, since four of the starters are only juniors.

KOOL KROSSWORD

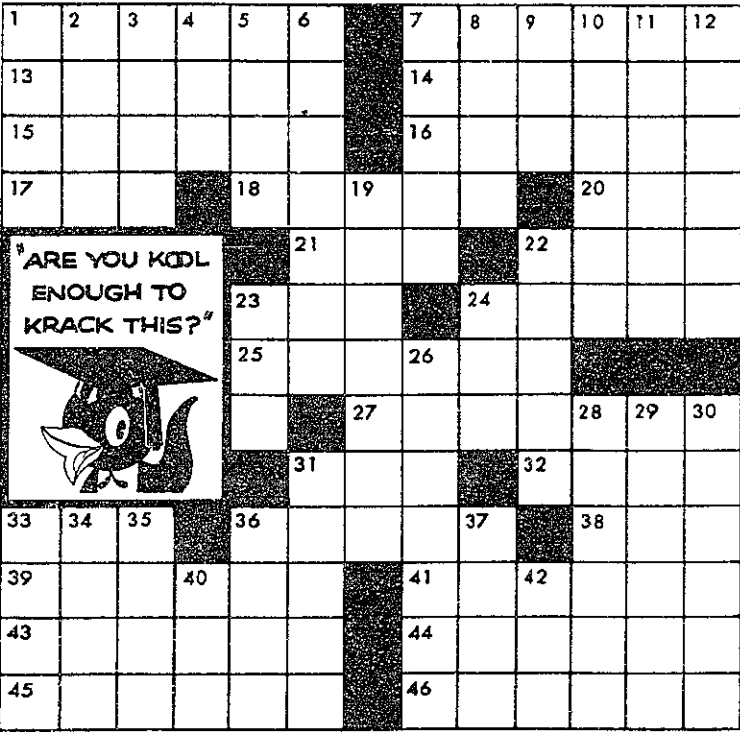
No. 3

ACROSS

1. It'll have you in stitches
7. Earthy term papers?
13. Noise from an ebullient riser?
14. Reapply the make-up
15. When it's time for a , make it Kools
16. Close relative of a head
17. May's last name
18. Popular dance of the 40's
20. O'er which the loving herd winds
21. Have dates with
22. It puts a crimp in things
23. Bog
24. Foods for the birds
25. She's almost astride
27. Leander's religion?
31. Item for sleep-overs
32. It follows a snicker
33. The pertinent part of Sheba
36. Plaintive song of the 20's
38. Roman god, partly larcenous
39. A cool Kool bird
41. Rue de , in Paris
43. Fly
44. It has 3 legs and goes to pot
45. Marco Polo
46. Cuts with finality

DOWN

1. "... have mercy on us as we"
2. Weight of a reconditioned heap
3. Put your arms around
4. Electrified particle
5. What pony-tailers mature into?
6. Slips a little money to
7. Indian club
8. Gal in the end arena
9. Small accounts
10. Rice-paddy cat
11. Kind of scout
12. What the Packers play for?
19. Kind of Magic Kools have
22. Glory
23. Kooling contraption
24. Loin of the 12 Down dept.
26. Answers from the chemistry lab
28. Famous 2-word state
29. He's in a skin game
30. Changed mister is deservin
31. Yell your head off
33. Made like Esther Williams
34. You'll find your honey here
35. Yale men
36. Quote
37. Colleen country
40. It's close to Vegas
42. Miss Leigh, for short



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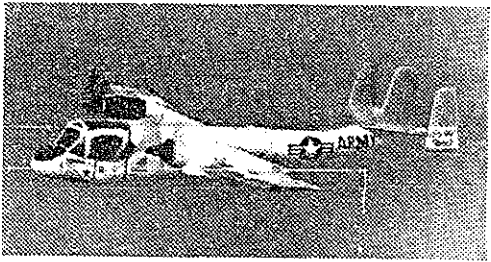


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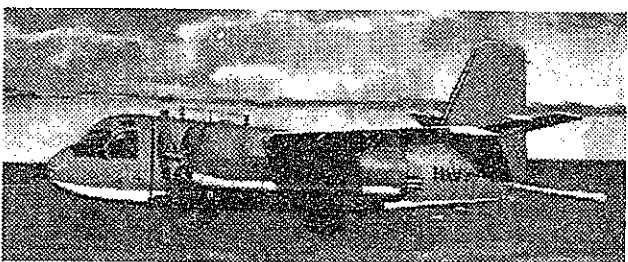
Examine the "Mix"

AT GRUMMAN AIRCRAFT

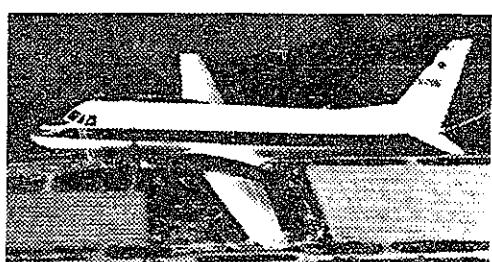
The Defense Department policy of relying on a "WEAPONS MIX" as the best war deterrent is reflected at Grumman. The company has always abided by this concept by putting its corporate effort into many diversified projects, both military and commercial. It is precisely this "COMPANY MIX" that is creating a wealth of engineering opportunities.



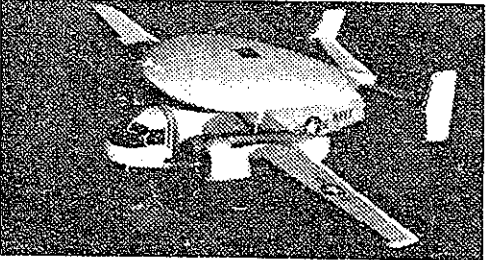
MOHAWK, a new observation plane on which production began in 1958—Grumman's first Army airplane—is designed to operate from small unimproved fields and will be used for purposes of tactical observation. Featuring a 59-knot stall speed and relatively the same short take-off and landing (STOL) capabilities as the Army's present light-weight single-engine airplanes, the Mohawk will be able to virtually "live" with the Army in the field.



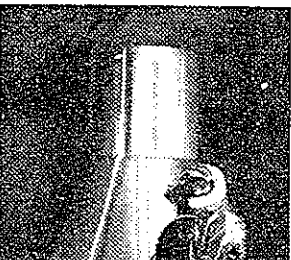
ANTI-SUBMARINE WARFARE The award to Grumman by the U. S. Navy of a contract for a new anti-submarine airplane, the S2F-3, is the result of an intensified effort on the part of our Anti-Submarine Warfare development team (ASW). The S2F-3 was designed to combat what may well be considered to be the free world's greatest menace... the submarine!



COMMERCIAL AVIATION—THE GULFSTREAM Grumman's new prop-jet business transport. The Gulfstream marks the return of Grumman to commercial aviation. This 350-mile-an-hour pressurized aircraft, now in full-scale production, has been ordered by many of the nation's leading corporations.



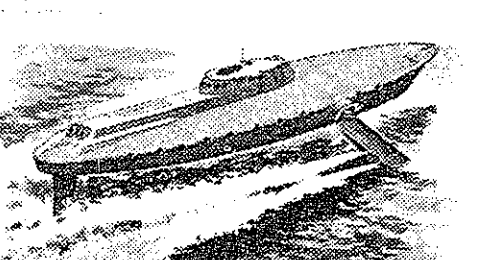
EARLY WARNING An early warning airplane serves as an "electronic fence" for the Navy. Designed to operate from aircraft carriers at sea, the plane patrols the extremes of defense perimeters to detect impending attacks by enemy air and sea forces. Carrying detection gear in a huge saucer-like radome atop its fuselage, the early-warning plane identifies approaching "strikes" and relays data to task force Combat Information Centers for the immediate dispatch of defensive fighters or missile units.



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HYDROFOIL SEACRAFT A contract to design a high-speed hydrofoil-equipped vessel suitable for operation on the open seas has been awarded Grumman Aircraft Engineering Corporation by the Maritime Administration. The feasibility of employing hydrofoils to increase ocean transportation speed and comfort has been recently established by a Grumman Study. The study's results showed that hydrofoil craft were well-suited to a wide range of high-seas operations.

Our representative will interview Engineering Degree Candidates majoring in aeronautical, mechanical, electrical or civil engineering, math or physics on February 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, March 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, April 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, May 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, June 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, July 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, August 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, September 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, October 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, November 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, December 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31.

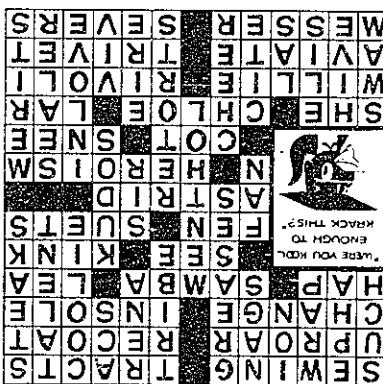
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KOOL ANSWER

Varsity Swimmers Win Twice; Frosh Beat Exeter for First Time

Both the varsity and freshmen swimming teams have been enjoying outstanding seasons this winter, with the results of the past week worthy of considerable praise. Last Wednesday evening, the Beaver varsity swimmers came from behind to beat Wesleyan 45-41 in the final event, and Saturday they went on to trounce WPI 60-24.

At Wesleyan, Roger Cooke, '62, set a new MIT record for the 50-yard freestyle with a 23.9 second performance, but the highlight for the Beavers came when John Windle, '60, touched out the Cardinals' anchor man by one yard to win the 400-yard freestyle relay and the meet. Windle had previously won the 100 and 220-yard freestyle events.

Other winners were Tony Sylvestri, '61, in the butterfly, Tom Ising, '61, in the backstroke, and Bill Bails, '62, in the diving. Cooke, Sylvestri, and Dave Stein, '62, swam the first three legs of the winning freestyle relay.

Frosh Win Three

Since the Christmas vacation, the freshman swimmers have won three straight meets to boost their record to five and one. Starting off a week ago Saturday, the MIT yearlings whipped Gardner High 44-42, smashed Wesleyan 50-27, and last Saturday accomplished what no other freshman swimming team has even done, beating Exeter 56-30.

The Exeter romp was the first victory for MIT since the competition began in 1919. Lauren Sompyrac added to the accomplishment by setting an MIT frosh record of 1:10.6 in the 100-yard breaststroke.

The frosh swimmers' brilliant record is a tribute to the fine work done by their coach, Ron Keenhold in only his second year at MIT.

Cagers Stopped in Three Road Games

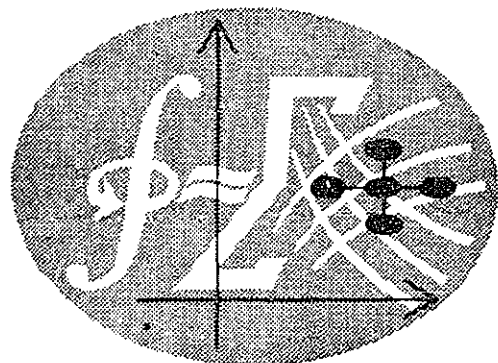
In their final appearances of the term, the varsity basketball team went on the road to University of New Hampshire last Wednesday evening, and to Maine over the weekend to face Bowdoin and Bates. They failed to win any of the three games, although they came close to Bowdoin Saturday evening, succumbing 56-52.

The brightest spot in the game with the Polar Bears was the fine play of Tom Burns, '62, who grabbed 22 rebounds and scored 18 points. Burns has improved steadily and this was his best game to date. Team captain Hugh Morrow, '60, led the MIT scoring against Bowdoin with 20.

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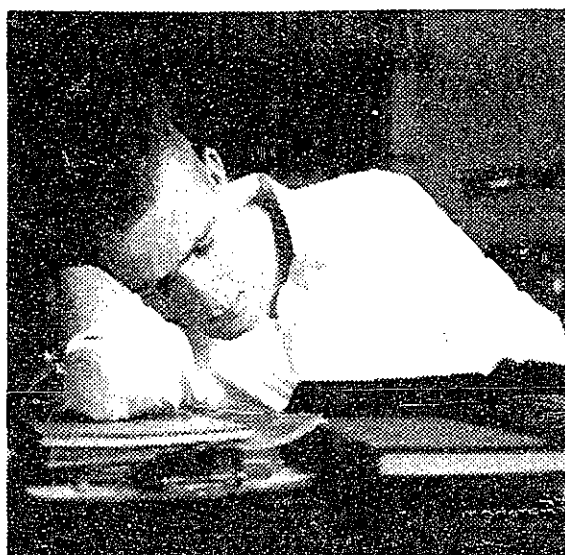
Contact your placement office for an interview appointment or application, or send any inquiries to Space Technology Laboratories, Inc. to the attention of the College Relations Dept.

February 9, 10

*Space Technology
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P.O. Box 95004, Los Angeles 45, California

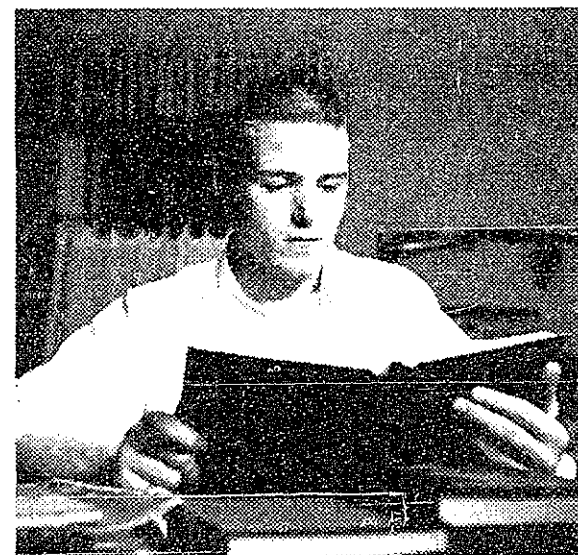


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into the nature of things*

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"King David," Tom Lehrer, Others . . .

Term Brought Fine Music to MIT

MIT Musical Clubs began its fall activities during Freshman Orientation weekend with a display at the Activities Midway and a Glee Club appearance at the Freshman meeting in Kresge on Sunday night. The four members of Musical Clubs, the Concert Band, Glee Club, Symphony Orchestra, and Techtonians began their concert seasons together in a joint concert in Kresge on October 24, the featured works being Gregory Tucker's "Kinkhaven Suite," performed by the Orchestra under the direction of John Corley, and the final movement of Randall Thompson's "Testament of Freedom," done by the Band and the Glee Club with Professor Klaus Liepmann as conductor.

Gerry Litton's performance of Gershwin's Concerto in F was the highlight of the Symphony Orchestra's concert on November 21. This past weekend the Orchestra gave its second Kresge performance and was host to the Mount Holyoke College Orchestra. Dennis Johnson, '62, violin, and Miss Cynthia Field (Mt. Holyoke, '62), viola, were the soloists in Mozart's "Symphonie Concertante."

The Concert Band distinguished itself on a half-hour television show over WGBH-TV in early November, and then presented a concert in Kresge, on December 11, at which several modern works for band were heard for the first time in this area. In order to make the Beversdorf symphony more comprehensible to the audience, Mr. Corley gave a brief analysis of the work, with illustrations played by various members of the Band.

Honegger's symphonic psalm, "King David," was presented in a pair of

concerts by the combined glee clubs of Bennington College and MIT and members of the MIT Symphony Orchestra. Paul Boepple, who conducted the premier performance of the work 38 years ago, conducted both performances, the second of which took place in Kresge, on December 13. The Glee Club also gave an informal concert with Wellesley College Choir on October 31.

Baton Society, MIT's musical honorary and service organization, presented Tom Lehrer in his "An Evening Wasted With Tom Lehrer" in two performances just before Thanksgiving. Its members served as ushers at a number of the musical events described above, and presented a series of half-hour radio programs at 8 P.M. on Fridays over WTBS. This show, "Baton Society Presents," will continue during the second semester.

The MIT Choral Society, under the direction of Professor Liepinann, gave two performances of Handel's "Messiah" in early December, in which they collaborated with members of the MIT Symphony Orchestra. Rounding out the fall's musical events were three Humanities Series concerts, by the New York Pro Musica, the Camera Concerti, and the Paganini Quartet; an organ recital in Kresge by Finn Videro of Copenhagen, Denmark; and a concert by the Flamenco Guitarist, Sabicas.

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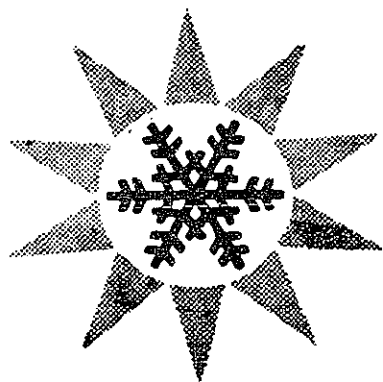
— NITE OWL —

Shows you heard this term: Joint MIT-Mount Holyoke Concert in stereo, Kingston Trio, Struve Lectures, Dr. Schluter & other guests on Pot-purri; Pierre Mendes-France, Freshman Weekend, Christmas Spectacular ("The Other Wise Man, Decade of Music), Beatnik Party, Home Basketball, plus a top schedule of music and campus and teletype news.

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