Snow Hits Tech; Snowballing Flourishes

Snowballing cut corn, snowballing, and a canceled 8:02 quiz were the order of the day last weekend as a twenty inch snow buried the Boston area.

Departments slowly turned into a madhouse Thursday night as freshman, realizing the possibility of the cancellation of Friday's quiz turned their efforts to snowballing rather than studying. Waking up Friday morning, this group was greeted by still more snow and the unhappy word that classes would be held. It was not until half an hour before the scheduled time for the quiz that it was postponed. After fighting his way across the bridge, one freshman, seeing no traffic moving on his way across the bridge, one freshman, realizing the possibility of the cancellation of Friday's quiz.

Students purchasing the cards were supposed to mail them to the vice president of Woolworth's. Students purchasing the cards were supposed to mail them to the vice president of Woolworth's.

MIT-EPIC radio contact via satellite

Raphael Soifer, in MIT-EPIC, successfully accomplished the world's first two-way radio communication with the aid of artificial satellites. Raphael and a fellow amateur radio operator, Perry J. Klein, from Bethesda, Maryland, made radio contact via "pассив" (not instrumented for two-way communications) satellites — Explorer VII and Sputnik III.

Soifer explored methods

Soifer set forth two possible ways the communication might have been made — 20 cm reflection on the Krauss effect and reflection of signals from satellites of possible satellites due to the existence of radio frequency interference involved.

The Krauss effect holds that a fast-moving body leaves a wake of ionization in its wake. Under proper conditions radio signals can be bounced from these ionized regions.

Soifer described the attempt as follows: "Starting at 12:55 P.M., February 4, I transmitted a code devised specifically for the test, sending for 20 seconds. Perry then transmitted for 20 seconds, and this tandem transmission was continued."

Success on 35th attempt

"On our 35th attempt, at 1:05 A.M., February 6, I heard and copied Perry's signal. Doppler shift and a characteristic flutter indicated the signal was being bounced from a moving target. At about 1:12 my signal was heard in Maryland and the exchange was completed. Again at 1:12 my signal was received, when Explorer VII was 1500 miles away."

Radio Contact Via Satellite

Radio Contact Via Satellite

Hans Hop Sputnik

Radio Contact Via Satellite

Radio Contact Via Satellite

Swimmers 4th In New England Meet; West Is Double Winner

Barry West, '60, won two gold medals Saturday as MIT placed fourth in the New England intercollegiate swimming championships at the University of Massachusetts. These MIT varsity records were broken as the Techmen made four strong showing in every event. Springfield won the meet with 39 points, dethroning defending champion Williams, which placed third. Brown finished second.

West Wins Breaststroke

West gained one of his models in the 200-yard breaststroke with a time of 2:10. Earlier in the year he had the New England record of 2:21.3.

MIT's medley relay team composed of Dave Stein, '62, Tony Silvestri, '61, Tom Ising, '61, West, Tony Silvestri, and Stein, won the medley relay, edging St. John's, Trinity, Adelphi and UMass. The medley relay tear, will be added to the varsity mark for the championship of the New England Intercollegiate Swimming Conference. West is Double Winner

Meet; West Is Double Winner

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News of the Day

MIT-EPIC Pickets Woolworth's Store

Eight Distribute Leaflets Saturday

Freshmen's Day

Hans Hop Sputnik

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CLASSES WILL BE HELD AS USUAL

Mary Stuart

The Colonial Theater's presentation of Friedrich Schiller's "Mary Stuart" in the Colonial Theater is one of many accounts. Not only does one have the opportunity to see the magnificent performances of Eva LeGallienne and Signe Hasso in the roles of Queen Elizabeth and Mary Stuart, respectively, there is the pleasure of discovering a rare read classic of the last century. Schiller has put some of his best into "Mary Stuart." Eva LeGallinne and Miss Hasso ably demonstrate the strength and beauty of his lines. The play is focused on the characters of the two queens, the passionate, beautiful, and womanly Mary Stuart opposed to the capricious, imperious, and proud Elizabeth. But Schiller has done more than repre- sent the attributes of his two characters. He has converted in full the whole of these two very complex beings. He demonstrates how the events of history were reinforced even more by the force of character than by the two women to inveive the double tragedy of Mary's execution and Elizabeth's fate as executioner.

The play is presented in the high German which it does. The occasional English has been translated for the American audience. Schiller's adaptation to the realistic dramas which are so fashionable today may find himself either shocked or puzzled by the grandiloquent diction of some German writers. He might very well be interested in the realistic dramas which are so fashionable today. May find himself either shocked or puzzled by the grandiloquent diction of some German writers. He might very well be interested in the realistic dramas which are so fashionable today. May find himself either shocked or puzzled by the grandiloquent diction of some German writers. He might very well be interested in the realistic dramas which are so fashionable today.
after every shave
Splash on Old Spice After Shave Lotion. Feel your face wake up and live! So good for your skin... so good for your ego. Bring an ocean breeze. Old Spice makes you feel like a new man. Confident. So good for your ego. Brisk face wake up and top off your shave with Old Spice After Shave Lotion. Feel your skin... breeze. 100.

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before every date

Old Spice
AFTER SHAVE LOTION

by SHULTON

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ENGINEERS - PHYSICISTS - MATHEMATICIANS

LITTON INDUSTRIES' Electronic Equipments Division in Southern California has Research and Development Staff openings now for Ph.D., M.S., and B.S. candidates in these fields:

INERTIAL GUIDANCE AND CONTROL
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TECHNICAL SUPPORT ENGINEERING
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MINIATURIZATION
SYSTEMS ENGINEERING
ELECTROMECHANICAL DEVELOPMENT
VIDEOMAPPING AND DISPLAY
PRODUCT ENGINEERING
ENGINEERING WRITING
SOLID STATE INVESTIGATIONS
PLASMA PHYSICS
BIOPHYSICS
HIGH VACUUM RESEARCH
MAGNETICS
PLATING INVESTIGATIONS
MATERIALS AND PROCESSES
DEVELOPMENT
MATHEMATICAL ANALYSIS
LOGICAL DESIGN
SYSTEMS ANALYSIS
DIGITAL AND ANALOG CIRCUITRY
SYSTEM CHECK-OUT
PRODUCTION TEST

Interviews will be conducted by visiting members of our Research and Engineering Staff. See your Placement Office now for an appointment.

INTERVIEW DATE ON THIS CAMPUS: MARCH 10

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This year, fly home in the quiet comfort of United's DC-8 Jet Mainliner

There's no better way to travel anywhere than a United Jet Mainliner®.

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The DC-8 Jet is comfortable, too. It has big, wide aisles that even a giant football tackle can room in, casually. The DC-8 seats, largest on any jet, have air vents, light and stewardess call buttons built right in—to reach overhead. Your trip in this superb aircraft is topped off with United's extra care service that makes you feel like a king. Try the fly-De Luxe Red Carpet® or economical Custom Coach Service.

Try the best—fly United's DC-8. Fly it home; then for a really big start, fly to Hawaii for a wonderful vacation. Economical Custom Coach and United tour prices make it possible on a moderate budget. See your United Travel Agent or call any United Air Lines office.

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Five Vought Divisions Provide Engineers Greater Opportunity for Space-Age Advancement

Young engineers, particularly, will be interested in the broad range of opportunities present in Vought's five divisions and two wholly owned subsidiaries.

For every Vought engineer, there is a division to make full use of his talents and to speed his advancement. And, of course, he is backed by the four other divisions whose balanced activities add security to his company and his future.

Vought's diversification, begun early in 1959, gives this 43-year-old aircraft firm for the opportunities of the age.

AERONAUTICS DIVISION

New generations of manned aircraft and atmospheric missiles, devices for astronautic warfare, and many other types of weapons will take shape here.

Among this division's current contracts: a Navy order for development of an environmental simulator and space-oriented Cockpit Laboratory, undersea warfare, the life sciences and associated electromechanical devices.

AERONAUTICS DIVISION

Vought is drawing on 13 years' experience in the design of aircraft to obtain broader responsibilities in the race for space. Conception is on advanced vehicles for space exploration, and on ballistic and anti-ballistic missile systems.

Currently, Vought is providing the four-stage Scout research rocket and its launcher for the National Aeronautics and Space Administration. In the human factors of flight, Vought is taking the lead with its skilled flight simulator and space-oriented Cockpit Laboratory. Advanced materials research is also being pushed by this division.

ELECTRONICS DIVISION

Vought electronics will be developed, manufactured and marketed in increasing volume. Military systems under development include advanced and related electronic, ground support electronic and antimissile warfare apparatus. This division is also producing actuators for the Mauntenion IC&ES.

RESEARCH DIVISION

In a new Research Center, scientists of this division will mine new knowledge from many fields. Basic research is planned into astrophysics, underwater warfare, the life sciences (relating to human factors of flight), electronics and other areas. As it evolves into applied research, this advanced work will materially support other Vought divisions.

Gen rotating Corporation, a wholly owned subsidiary company, intensifies Vought's diversification into commercial electronics. Company emphasis is on automation, and its key personnel are engineers experienced in the fields of electronics, computers, magnetic memory and associated electro-mechanical devices.

Vought Industries, Inc., formed late in 1959, is engaged in the design, manufacture and marketing of mobile homes, an industry with a great growth potential.

You live at a discount in Dallas

In Texas there is no state income tax and no local or state sales taxes. Low school and property taxes add to your savings. Hence construction costs—as well as house and agent's rental—are below the national average. Fuel costs are negligible, and most groceries cost less.

Dallas has grown faster since 1960 than any other U.S. city. One reason is the city's wealth of entertainment and cultural centers. Another reason is the attractive cost of living.

Student engineers are invited to write for further information about new Vought activities, and how you can start your career with one of Vought's five divisions. Please address inquiries to:

Professional Placement Office
Dept. CN 26

March 11, 1960

I R offers attractive opportunities in research and development, design, production and sales engineering. Our machinery product line includes pumps, compressors, engines, vacuum equipment, power tools and mining and construction equipment.
The varsity track team ended its dual meet season with a thriller last Saturday night as the sturdymen were nipped by University of Connecticut, 5-4, in a down-to-the-wire contest. Meanwhile the frosh were doused.

Captain Bill Nicholson began the fireworks by unleashing the best toss of the year in the 80-pound weight—90 feet 3 inches to nail down second spot. After Steve Banks, '60, and Herb Groves tallied in the mile, Bob Williams, '59, pulled the first upset of the evening, topping UConn's Gano Ginn in the 50-yard dash while tying居家 Rockwell Cage record at 6.0.3, to lose later repeated the feat in the low hurdles.

George Withrow, '61, victory in the 1500 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contention all the way, while tying in the 600 brought the Beavers, 59%-48%, in a down-to-the-wire contest. Meanwhile the frosh were downed, 11-26, within a rho last year lost to the same squad. The frosh pulled out the win all the way and the Huskies nonetheless the men were in contenti...
Three Musical Shows In Kresge

The next two weeks will see MIT scheduling three major musical events.

On March 20, at 3 P.M., Klaus Liepmann will conduct the MIT Choral Society in a performance of the St. Matthew Passion by Johann Sebastian Bach. A masterpiece of diverse elements blended into a dramatic whole, the Passion was first performed on Good Friday, 1729, in Leipzig. Tickets at $3.50 (reserved) $2.50 (unreserved) may be obtained from the Music Office, Ext. 3210.

On Sunday, the Juilliard String Quartet will appear under the auspices of the Humanities Series at 3 P.M. This distinguished quartet will present a program of Mozart, Beethoven and the contemporary Argentine composer Alberto Ginastera. Single tickets at $1.75 (reserved) may be obtained from the Box Office, Inst. Ext. 2902.

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