

Two Lincoln Lab satellites function despite bad launch

Lincoln Lab's experimental communication satellites Les-3 and Les-4, launched from Cape Kennedy on December 21, have been successfully tested despite a malfunction in the third stage of the Titan IIC launch vehicle. The malfunction caused the two satellites to separate into elliptical orbits which range from 100 to 18,000 nautical miles rather than the high-altitude circular orbit expected. Although the satellites separated unharmed, it did not appear that

Les-4, in particular, would be able to generate sufficient voltage from its solar cells to perform tests. However, during observations on the afternoon of December 26 at Lincoln Lab's East Coast site in Westford, Mass. the voltages aboard Les-4 were found to have increased unexpectedly and successful tests were carried out. Further successful tests were carried out at the Lab's West Coast ground station in Pleasanton, California, and the Lab's headquarters in Lexington.

Soph math major missing since 11 pm November 30



City of Cambridge

MASSACHUSETTS

OFFICE OF CHIEF OF POLICE

MISSING PERSON
\$3,000. REWARD



NAME: FRED GROSSFELD
RESIDENCE: 3 AMES STREET
CAMBRIDGE, MASS.

BORN: DECEMBER 16, 1946

HEIGHT: 5'7"
WEIGHT: 140 LBS.
EYES: BLUE GREY
HAIR: LIGHT BROWN-WAVY
COMPLEXION: LIGHT

OCCUPATION: STUDENT M.I.T.

SINGLE

ALWAYS WEARS GLASSES, DARK FRAME

REPORTED MISSING FROM M.I.T. NOVEMBER 30, 1965 11:00 P.M.

LAST SEEN WEARING DARK OLIVE RAIN COAT: WALKS WITH SLIGHT STOOP FORWARD - HAS A LIGHT SKIN BLEMISH

LIKES TO PLAY CHESS AND BRIDGE

PLEASE FORWARD ANY INFORMATION TO:

DEAN WILLIAM SPEER, OR CAPT. SIDNEY, M.I.T. SECURITY POLICE AREA CODE 617 864;6900

CAPT. JOHN J. GRAINGER, CHIEF OF DETECTIVES, CAMBRIDGE POLICE DEPT. AREA CODE 617 TR 6-9800

CHIEF JOHN F. HAIGHT, RIDGEFIELD (CONN.) POLICE DEPT. AREA CODE 203 438-6531

(Continued from Page 1) Yale students from his hometown. Again nothing was learned.

Missing posters on Grossfeld have been distributed to police departments and post offices all over the country in an effort to trace the missing youth.

Reports from Maine, Florida and Pennsylvania as well as several from the Boston area have been investigated by the Campus Patrol, but all were duds.

In addition to Boston area and Connecticut newspaper reports, an account of the disappearance appeared in the New York Times. CBS-TV visited the campus De-

ember 21-23 and filmed MIT officials and areas involved in the case, but the film has not yet been shown.

The missing student's parents have made several trips to Cambridge in an effort to help in the search. Their store was kept open by their neighbors who volunteered their help during the busy holiday season.

Anyone with information regarding the missing Grossfeld is requested to contact either Dean William Speer (x4861) or Captain Norman S. Sidney of the Campus Patrol (x-2998).

Who? What? How?

Workings of the MIT Corporation

By Mike Devorkin

(Ed. note: Over this past vacation Dean Howard W. Johnson of the Sloan School of Management was named the next president of MIT by a group of men known as "The Corporation." Who is the Corporation? What are its functions? These questions echoed throughout the MIT community. This article is the first of two that will answer these questions.)

The Corporation, whose functions are unknown to most students, is the equivalent of what many colleges call a Board of Trustees. Yet in the sense as applied to MIT, the Corporation and its responsibilities extend much farther.

When MIT was first chartered by the Commonwealth of Massachusetts, it began as a corporation not unlike many of our present industrial corporations. As ex-Vice President James McCormack '37 says: "The Corporation was chartered to conduct courses in educational subjects, to deliver public lectures, and to establish and maintain a museum of a scientific nature."

Membership defined

The membership of the Corporation was also set up at this time. It has not less than twenty-five and not more than thirty-five life members, fifteen alumni term members and not more than ten special term members. There are six ex-officio members, the chairman of the Corporation, the President, and the Treasurer; and the Governor, the Chief Justice of the Supreme Court and the Commissioner of Education from the state of Massachusetts. It is "a self-perpetuating body" which selects its own life members.

The special term members are nominated by the president and the chairman, while the alumni term members are chosen by the alumni committee, both holding office for five years. Life mem-

bers at the age of seventy-five become emeritus life members. The charter prohibits members of the faculty and administration from being members of the Corporation.

Constant change

While the form of the Corporation is basically set, the Corporation itself is always in a state of change. While at one time MIT was run by outside people, as Chairman James R. Killian, Jr. '26 says, "The alumni have finally gained a voice." At the present, alumni are "an overwhelming majority of the corporation." Vice President McCormack asserts that "the Corporation represents blue-ribbon members of industry." The list of its members includes such prominent men as: Alfred Sloan, General Motors; Russell DeYoung, Goodyear Tire & Rubber Company; James Fisk, Bell Telephone Labs; Robert Gunnness, Standard Oil Company of Indiana. Its members are graduates from many schools: Robert Lovett, Yale; Laurance Rockefeller, Princeton; and William Murphy, Wisconsin.

In addition, the Corporation includes many men from the fields of education and politics. These are men such as: Douglas Knight, president of Duke University; Professor Purcell, Harvard University; Harlow Shapley, Harvard University; Robert Winters, member of the Canadian Parliament; Ralph Flanders, former U.S. Senator from Vermont and Thomas Desmond, former New York State Senator. As Chairman Killian says, "The Institute is not a local unit anymore, but is a national and international institution."

Committees

While the Corporation as a whole is responsible for the policy of the Institute, it divides most of its duties and gives them to various standing committees. Meeting only in October, December, March, and on graduation day the corporation must delegate its responsibilities. The most important committee is the executive committee. According to Dr. Killian, "The President is the chief executive officer and the head of the faculty." The execu-

tive committee is comprised of the president, the treasurer, the chairman of the Corporation, five members with five year terms, and two rotating members with two year terms, appointed by the Corporation's membership committee and waiting one year between successive terms.

The executive committee meets once a month, and as Dr. Killian asserts, "uses broad powers on behalf of the Institute. It is this committee that is responsible for the majority of the Institute's administrative and educational policy decisions. Between the meetings of the entire Corporation, the executive committee is busy carrying out the business of MIT. When the Corporation meets it approves the actions and intent of the committee."

Half million dollar gift establishes Dubbs chair

The donation of \$500,000 for the creation of an endowed chair of chemical engineering was announced yesterday by Corporation Chairman James R. Killian.

The gift will be used to establish a Carbon P. Dubbs Professorship in Chemical Engineering to honor an early pioneer in petroleum refining. The money was donated by the late Mr. Dubbs's three children, Carbon C. Dubbs '35, Mrs. Jean Dubbs McAdams (wife of MIT professor emeritus of chemical engineering Dr. William McAdams), and Mrs. Bertha Dubbs Cardinal.

Dubbs's contributions to petroleum refining included a "Clean Circulation Process" which resulted in dramatically increasing yields of cracked hydrocarbon products.

MIT was the first institution in the world to offer a program in chemical engineering. Its course was inaugurated in 1888 under Professor William Walker. Practically all colleges base their chemical engineering curricula today on the textbook, 'Principles of Chemical Engineering' by Professors Walker, McAdams, and Warren K. Lewis.

Eastgate 12 feet lower than Green Building

(Continued from Page 1)

the convenience of the occupants in addition to lounges and meeting rooms. The occupants are expected to be three-quarters married students and one-quarter faculty.

Professor Catalano was especially enthusiastic about this structure and envisions the Sloan Complex as one of the truly beautiful landmarks of the MIT campus. Cambridge architects Crawley Cooper, Robert Brannen and Paul Shimamoto are working in association with Professor Calano on the project.

The structure is financed by a self-liquidating loan from the Federal Housing and Home Finance Agency, and by an anonymous gift to the Institute.

Silver to teach two courses; on the South, on the US Negro

(Continued from Page 1)

that developed over the admission of Mr. Meredith. Professor Silver said that the closed society in Mississippi had developed, even before the Civil War, "an orthodoxy accepted by nearly everyone in the state."

"The all-pervading doctrine then and now has been white supremacy, whether achieved through slavery or segregation, rationalized by a professed adherence to

states' rights and bolstered by religious fundamentalism.

"Today the totalitarian society of Mississippi imposes on all its people acceptance of and obedience to an official orthodoxy almost identical with the pro-slavery philosophy.

"In spite of what he claims, the white Mississippian is not even conservative, he is merely negative. He grows up being against most things other men at least have the pleasure of arguing about.

"In committing itself to the defense of the bi-racial system, Mississippi has erected a totalitarian society which to the present moment has eliminated the ordinary processes by which change is channeled. Through its police power, coercion and force prevail, instead of accommodation, and the result is social paralysis. Thus, the Mississippian who prides himself on his individuality in reality lives in a climate where non-conformity is forbidden, where the white man is not free, where he does not dare to express a deviating opinion without looking over his shoulder."

Professor Silver is a graduate of the University of North Carolina, received his master's degree from Peabody College, Nashville, Tenn., and the doctorate degree from Vanderbilt University, also in Nashville. He has written several books, including 'Mississippi: The Closed Society' (1964) which won several prizes.

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