Space First!

MIT Designed Dipoles
In Experimental Orbit

The Air Force launched its controversial project WEST FORD October 21 at 9:53 A.M. local time. The Air Force hopes to scatter 350,000,000 copper wires in a belt around the earth to test the possibility of using such a band for communication purposes.

The basic concept of orbital scatter on which this project depends was first proposed three years ago by Mr. Walter E. Morrow of MIT's Lincoln Laboratory, in collaboration with Mr. Harold Meyer, founder of Thompson-Ramo Woolridge, Inc.

Lincoln Laboratory has built two transmitting and receiving stations ten thousand miles apart at Parris AFB near San Francisco and on Milestone Hill in Westford, Mass. These stations will be equipped to make radio measurements of the band and to transmit and receive communications signals. They will attempt simultaneous two-way transmissions.

Alumni In Over 40 Cities Hear 'Voices'

Astrodynamics Pioneer
Dr. Samuel Herrick
Is Hunsaker Professor

Dr. Samuel Herrick, one of the world's leading space scientists, has been appointed Jer- rym D. Hunsaker Professor of Aeronautical Engineering at the beginning of the academic year 1961-62.

Dr. Herrick will hold the Hunsaker professorship on leave of absence from his position as Professor of Aeron- nomy at the University of California at Los Angeles.

Dr. Herrick has been a pioneer in astrodynamics, a field in which techniques used in studying the influence of gravity on celestial bodies are applied. His work is closely associated with man-made missiles and rockets. Dr. Herrick was awarded the degree of D.Sc. by the University of California in 1946.

Chamberlain to Visit Middle East

Eugene R. Chamberlain, associate professor of foreign studies at MIT, will visit the Middle East this fall on a six-week fellowship possible by a grant from the "American Friends in the Middle East, Inc.

The objectives of the trip will be to learn first-hand how school officials interpret U.S. admissions practices, to clarify which university admissions offices to which MIT admits, and to examine educational policies engaged in international educational exchanges.

Mr. Chamberlain will travel with Professor Gordon Ericson of NYU to universities in Ku-wait, Iraq, Lebanon, Syria, Egypt, and Turkey.

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JP Table Reservation
Drawing Is Planned
For Tuesday 5 P.M.

Frank Levy 62 has announced that students desiring table reservations for JP weekend should contact that organization about thirty days and will be able to reserve seats at a height of 1,200 miles.

The WGBH project is successful, scientists theorists that two such belts, one in orbit about the poles and another one in equator, could be used to provide communication between any two points on earth. This system would be very reliable, since all the active radio equipment is located on the ground and is therefore easily accessible. The belts themselves are quite in- vulnerable to a physical damage during their useful lifetime. They would have to be replaced.

"The mission of a university is to teach and to contribute a share to the enlargement of knowledge and understanding. The "astronauts" of excellence that MIT has set for the fulfillment of that mission, the esoter- ical and imaginative that the faculty is applying to its task, the way in which we seek to teach and to engage teaching and re- search into the same fabric of education—are those the facts that today are giving to the im-

Eugene R. Chamberlain

WGBH Staggered
Structure Is Station's Major Loss

The fine that attracted the atten- tion of WGBH Oct. 14 brought structure staggering losses to the station.

Although the equipment was insured and negotiations for repair are now in progress, the insurance will not cover the replacement cost of most underinsured items, nor the large installation costs of any of the equipment.

The major loss to WGBH was the building, in which the station had invested more than $250,000 to adapt the structure to its specialized purposes.

The station had hoped to find new quarters within a year, station officials estimate, and the new building is between $1.2 million and $2.5 million. At least $100,000 of this has been raised.

Current operations are very much in question. Operating from four locations in the city, WGBH must pay very little changing from each location. Only the unwise cooperation of other WGBH stations is helping WGBH to broadcast "31st Street.

The newly-elected president called a meeting for Wednesday, Oct. 25 to organize Field Day activities. Committees were named and their functions described.

Bushkin Chosen
Frosh Head: Plan
For JP Weekend

Freshman council met on Monday, Oct. 13, and elected outgoing council members to serve in new elections. Arthur Bushkin, ABD, will be president, on the third ballot, Ma. Beutler, Burton, vice-president on the sec-
tant, SAE, secretary-treasurer, on the first ballot.

The newly-elected president called a meeting for Wednesday, Oct. 25, to organize Frosh Field Day activities. Committees were named and their functions described.

Chariot Race, Karl King, Ext. 355, and section leaders from sections 21, 21-23, and 26; Build-

ing and sections 16, 17, 23, 24, 25, and 34; Sup-
plies, Marshall Fisher, Ext. 3161, and section leaders from sections 15, 16, 17, 23, 24, 25, and 34; and Other, Alistair Dungin, Ext. 3224, and section leaders from sections 11, 12, and 13.

Alumni from more than 40 cities across the nation were wired by closed circuit telephone to render this service.