



Olivieri and abandoned decor

## GO CHILDREN SLOW

When the MIT Security Police made a post-graduation roundup of objets d'art abandoned in student rooms, they found in addition to sundry wall decorations one parking meter and many cement-bottomed warnings lugged from various institutions in Boston and environs. Not in the final cache was a huge Celtics banner agilely nabbed from the lofty rafters of the Boston Garden last winter. Nor some samples of statuary, now safely returned to such places as Northampton and Providence.

One of the MIT officers who scouted East Campus and Burton House for left-behind decor was Jim Olivieri (left). With four years in the Marines and a small fur-

niture business to his credit, Jim finds the duties of an MIT policeman as unexpected as they are interesting. Thoroughly enjoying his contacts with students, he has also had a chance to follow up on an old hobby. Jim is an enthusiastic radio ham with his own shortwave outfit in Somerville. One of his MIT beats last winter took him past Student Radio Club headquarters on East Campus. He used to drop in sometimes, got to know many of the boys there, and is now in touch by wireless with vacationing students all over the Eastern seaboard.

## SUMER IS ICUMEN IN

Special Summer Programs in "Fluid Power Controls"...

and "Marketing Strategy and Tactics"



## ROVING REPORTER

Received in the DSR Office: a lengthy and breathtaking epistle from Diane White, secretary who is on leave of absence for State Department assignments at the Brussels World's Fair. As secretary to the man in charge of "Special Happenings" at the Fair, Diane is agog over world celebrities who continually fill her office, has bumped into wandering stars like Ed Sullivan and Sophia Loren, and has enjoyed many a close-up of kings and queens, jazz artists, painters, architects (including Edward Stone, designer of the American Pavilion), and other eye-catchers.

"The general consensus of opinion," writes Diane, "is that the best pavilions are those of Czechoslovakia, U.S., Britain, Netherlands, Israel, Venezuela and, for strict propaganda, the USSR. The Czech restaurant is considered the best, ours lousy." Having been wined and dined by a host of different nationalities in a host of different night spots, Diane reports recent discovery of a small Brussels restaurant where you can get your fill of crepes suzette for exactly 24 cents. "Gone with the crepes is the waistline," she adds, sadly.



John Pickering Putnam

Corporation in Boston, he was responsible for 20 patents assigned to the company for research developments in radio and in aircraft navigational instruments. Putnam joined the Instrumentation Lab in 1949, later going on test flights to check the finer navigational aspects of Draper's inertial guidance system. He was also a veteran amateur pilot. From bachelor quarters on Beacon Hill he had been commuting to Bedford, via Logan Airport, for almost nine years in his Mooney Mark 20 four-seater plane.

## TV GUIDE

To most people, acoustics are concerned with the world of audible sound -- be it the man upstairs with a fondness for late jazz or a shattering fort $\acute{e}$  from the Boston Symphony Orchestra in Kresge Auditorium. Last Friday students in the summer session program on "Research Methods in Biology and Medicine" sat comfortably in Hayden Library watching a live TV demonstration of "acoustical" surgery at the Massachusetts General Hospital.

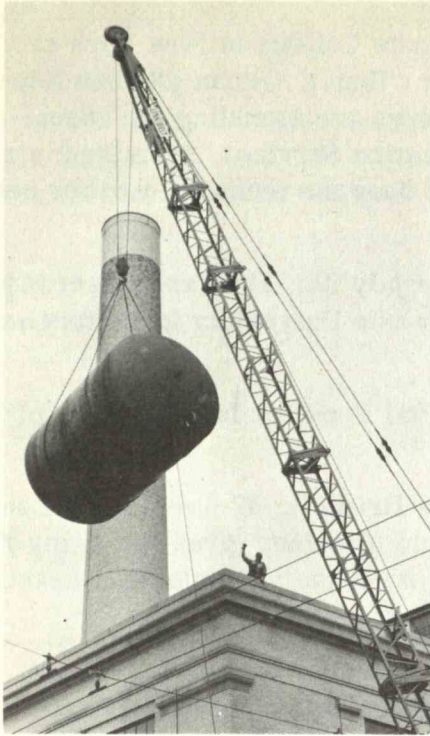
MIT and the hospital were connected by a microwave link provided for the occasion by Raytheon (Waltham). Over the link came pictures of a new ultrasonic operating technique. Using high-frequency sound waves inaudible to the human ear and concentrated in an unusually fine "beam," an operation can be performed on a tiny area of the brain without damaging surrounding tissue.

The summer course is under the direction of Dr. Kurt Lion (Biology). Being introduced to electron microscopes, analogue computers and other modern research instruments are hospital administrators, surgeons, electrical engineers -- and a smattering of space scientists.

## IN MEMORIAM

Logan Airport will be missing one faithful commuter and MIT's Bedford Flight Facility a colorful navigation engineer with the death, on July 7, of John Putnam. Flying back in his own plane from Quebec last week, Putnam ran into fog near the Canada-Vermont border and crashed into Round Top Mountain, four miles east of Sutton, P.Q.

A graduate of Harvard and MIT (and holder of three bachelor's degrees), Putnam was a long-time expert in aeronautical research, had worked on missile, radio and computer projects for numerous industrial and military organizations. During his 16 years at Reece



Tank swims in mid-air

The most recent addition to the Plant was hoisted up by derrick last week. With no spare room inside the building, a 6½-ton surge tank and 3-ton deaerator (mechanism for removing oxygen from the water before it is turned into steam, because heated oxygen is highly corrosive) were installed on the roof. The two units make up an auxiliary summer system for use when the main surge tank is being cleaned and rejuvenated for the coming winter.

To date the Power Plant boasts a good record. "The biggest black mark so far," says Turgiss, came during the August floods in 1955. With two feet of water in the basement and many pipe lines awash, the Plant had to shut down for the longest period in its history. The men in charge have much to do with this record. Johnson has been on the scene since 1927, Turgiss since 1947. Not born in the tropics -- but quite at home in their boiler room jungle -- the two men didn't discover they were near neighbors in Woburn until they met at MIT.

### HERE AND THERE

At the 43rd general conference of the American Alumni Council last month, The Technology Review was given honorable mention for the Robert Sibley Award ("Magazine of the Year"). Review also won third place in the Feature Article category for institutions with more than 30,000 alumni. MIT, incidentally, is well beyond this figure, now has more than 50,000 active alumni.

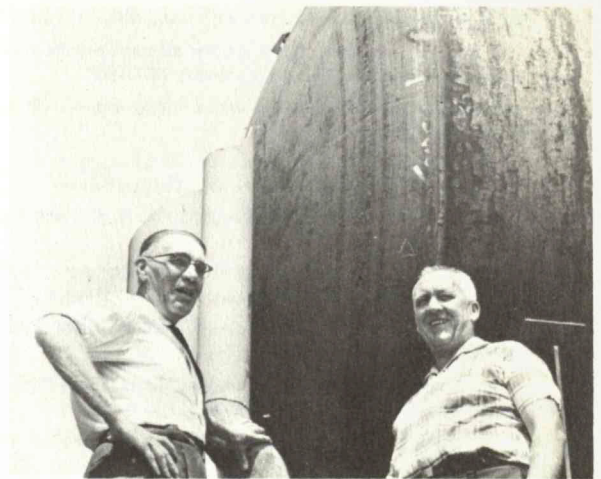
Seen on the elevator during one of the muggier days last week: one more method of beating the heat. Betty Massey whisked her airless machine up and down with a snowman pinned to her lapel.

### BOILED

For those who think their office is the hottest in the city, we'd like to recommend a quick visit to Building 42 on Vassar Street. "It takes a pretty good-sized thermometer to cover the Power Plant," says Verner Johnson, assistant to chief engineer James Turgiss. Mr. Johnson refers not only to the 4000-degree temperature in the giant boilers which supply steam to almost the entire campus. The day we were there the mercury in Turgiss' office was over 100 degrees.

Unlike most schools and industries in the area, the Power Plant burns natural gas as well as oil. By special contract with the Cambridge Gas and Electric Company, MIT buys at lower rates large amounts of surplus or "dump" gas that pile up during the summer months or during sudden thaws in winter.

In summer, the steam consumption on campus (not including Whittemore, Sloan and Barta Buildings) is about 18,000 pounds per hour. This includes hot water, air-conditioning systems and radiators. Also included are the laboratories that use steam for experimental purposes. Biggest customer among these is the Wind Tunnel in Building 31, for the operation of which warning must be given in advance so that the Power Plant can make any necessary allowances.



Turgiss (left) and Johnson (right)

Sitting around the conference table this week at Sarah Lawrence College in New York are Independent Union members Lenny Boyle (RLE), Bill Mosher (Elec. Eng.), Gloria Johnson (Metallurgy) and Donald Hull (Instrumentation). The MIT representatives are attending the annual White Collar Workshops sponsored by the American Labor Education Service. Promised: a rousing debate on the pros and cons of the question, "To what extent does the technical worker need to be organized?"

Two new life members of the Corporation were announced on July 10. They are General James H. (Jimmy) Doolittle and Clarence D. Howe, Chancellor of Dalhousie University in Halifax and former Minister of Defense Production in Canada.

Received: a grant of \$8,000 from the Damon Runyon Memorial Fund for further study of the still unanswered question, "Can an antibiotic halt human cancer?"

A note to members of the Chemistry Department from Agnes Driscoll, 42-year worker in Lab Supplies. "Please accept my sincere thanks for the generous sum of money given me at my retirement party. I shall use it to purchase something to remind me of the very pleasant associations we have had over the many years I have been at MIT."

#### FOR SALE ETC.

'57 Lyman 14' run-about, all accessories. 1957 Master Craft trailer, '54 25 hp Johnson. Extras include 1 pr water skis, tow line, reserve gas tanks, etc. Complete outfit, \$875. J. E. Schuler, Ext. 7129 (Lincoln).

3-yr old Norge gas drier. Good cond. Must sell because moving. \$85 or best offer. L. Gardner, Ext. 248 (Lincoln).

2 violins (modern handmade) with bows & cases. Recently appraised at \$100 each. One needs some repair, the other needs adjusting only. Also, half-size violin with bow & case, appraised at about \$30 if repaired. Miss Hill, Ext. 857 or 851.

Used hi-fi amplifiers. Dynakit Mark II, 50 watt, \$45. Bogen DB130, 30 watt, \$75. H.H. Scott 210-B, 22 watt, completely overhauled by Scott 2 weeks ago. Net \$219, sacrifice for \$75. Tom Harrison, UN8-7340 (evenings).

White, female, Angora kitten. Black-spotted back and orange eyes. 7 weeks old. Pedigreed background. \$15. Mrs. Silvey, MI3-1909.

Free: six new-born kittens will need homes in mid-August. Choice of colors. Miss Miller, Ext. 2902.

'57 Lambretta scooter, 150 ld. Driven only 800 miles. Spare tire, luggage carrying attachment, windshield. \$350. Ext. 480 (Lincoln).

'52 Plymouth convertible. R&H, good cond. \$400. N. Draisin, Ext. 374 (Lincoln).

'57 Chevrolet 2-dr sedan. 6 cyl, standard shift. R&H, ww's, very good cond. \$1700 or best offer. Mrs. Cossette, Ext. 422 (Lincoln).

'58 Dodge 4-dr sedan. Power brakes, power steering, flight transmission. Art Rudolph, Ext. 2128.

'58 Plymouth. Interested in joining a group to purchase new Plymouths from Detroit dealer? Mr. Downie, VO2-0841 (after 6 p.m.).

Lg furnished room for rent. Near Central Sq. K privileges and shower. UN4-3929.

Rooms for rent in "co-op apartment." One avail now (summer or longer), one for August. \$45/mo. Occupants share K, LR, B with 4 others. International students esp. welcome. KI7-0532 or visit evgs at 33 Lexington Ave., (just off Brattle) Cambridge, Apt. 3.

For rent. 3-rm furn. apt for month of August. LR, BR, study, includes hi-fi system. \$95. Call TR6-1488 (evgs).

Clean sunny unfurn apt. Back Bay. Sublet for 1 yr. LR, K'ette, BR. Very convenient to MIT. \$70/mo. Ext. 619 or CO6-2391(after 6p.m.).

4½ rm modern unfurn apt. First floor, newly redecorated. Yard, full basement with attached garage, 15 min from MIT, on private road. Avail. Sept. 1. ST2-1937 (after 6 p.m.).

Clean, 3½ rm garden apt in modern building. Unfurn. 2 blocks from Central Sq. Avail Aug. 1. \$105/mo. T. Harrison, 262 Harvard St., Cambridge, UN8-7340.

4-rm unfurn apt. Heated, parking, back porch. 4 Price Rd., Allston. Mrs. Beecher, Ext. 3518 or BE2-3741 (evgs).

Unfurn apt for rent. Nice street between Harv & Central Sqs. 4 rms including K, bath with shower, heat, hw, refrig & janitor service. Avail Aug. 15. \$90/mo. Private driveway directly across street avail at \$5/mo. Frank Bidwell, Ext. 3453.

Furn apt in separate wing of house in Lexington. 5 rms, \$135 without utilities or heat. 22 min to MIT, 10 min to Lincoln Lab by car. Avail Sept 1, lease required. Write Dr. M. Lubin, Marine Biological Lab, Woods Hole, Mass.

7-rm heated apt with garage, near Central Sq. UN4-3929.

New cottage for rent, Eastham, Mass. Near ocean, stores and churches. Screened porch, modern K, shower, hot & cold running water, shaded area. 2 hours from Boston. \$80/wk. Winifred Strathie UN4-9310.

Summer cottage avail. Aug. 9-23 in Harwich, Cape Cod. Sleeps 6-8, lg screened porch, fp, good facilities. On fresh water (directly across lake from new Storyville), rowboat, few miles to salt water beaches. \$50/wk. Ext. 620.

Wanted: Our dream house is an old 7-room house with big rooms, away from heavily-traveled roads, surrounded by 10 or more acres of fields and woods, with a price under \$21,000. If it's a little bit neglected, we'd be eager to spruce it up and make it an asset to the community. It should be within 25 minutes' driving time of Lincoln Laboratory, Lexington. If you know of a place like this, contact Phil Bagley, Ext. 165 (Lincoln), or UN4-2485.

Wanted: lady's bicycle, inexpensive. Call Bobbie, Ext. 2995.

Wanted: used guitar, classic model preferred. Call Don Roberts, Ext. 824 (Lincoln) or IVanhoe4-8571 after 6 p.m.

Desperately wanted: a home for 2 kittens given free. PR6-2100, Ext. 336 (Bolles House).

Wanted: refrig, cheap. Must be capable of making ice cubes. Ed Kapp, Ext. 2793, or Dave Kocher, Ext. 4160.

Grad student wants to get apt with 1 or 2 others who desire to have a place of their own and cut down on food expenses. Tom Noel, Ext. 2181 or LYnn 2-8480.

Wanted: Girl to share modern apt in Kenmore Sq. area. Must be interested in classical music. Grand piano and hi-fi are available. If interested please call Delores Suter, Ext. 780 or CO7-8928 around 6 p.m.

Wanted: old 4-drawer file. Call J. H. Hewitt, Ext. 2566.

Lost: one pair of glasses, light plastic frame, in brown leather case. Believed lost in vicinity of area between Mass. Ave. and Compton Bldg. Richard Lawlor, Ext. 2740.