

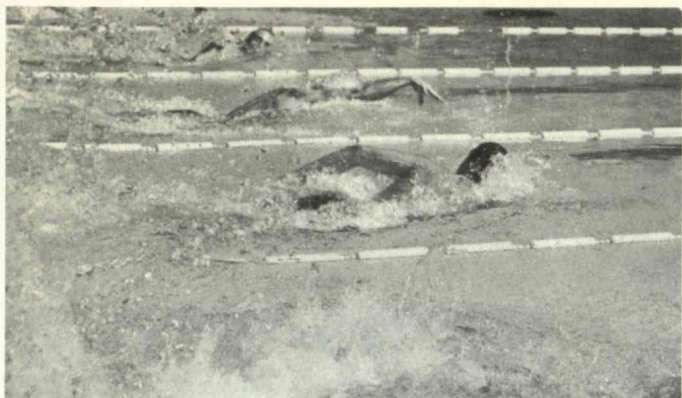
UP A LAZY RIVER

November 25 was "Demolition Day" in Cambridge. While the City's first big urban renewal project was being launched, a sizable delegation from the Cambridge Chamber of Commerce arrived at the Armory for lunch, followed by tour and inspection of M.I.T.'s nuclear reactor (now scheduled for completion in February). Later that afternoon the Cambridge City Council swung into session to vote on Realtor John B. Sullivan's petition to put 39 acres of the Charles River Basin under the alarming zoning classification of "Business A".

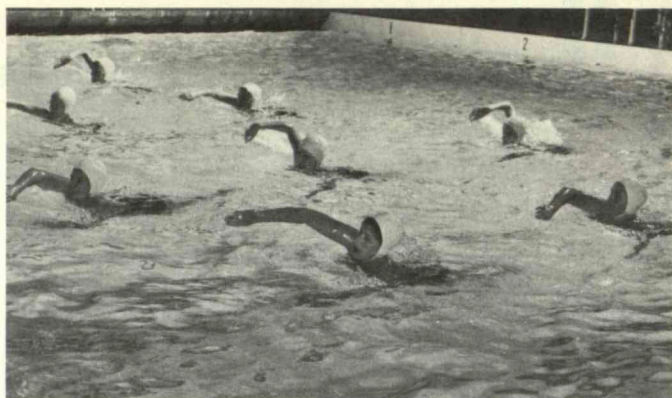
Mr. Sullivan's claim to the aquatic acreage has been proved valid. His plan is to "deck over" the 39 acres and, with the help of Texas-Tower-style pontoons and stilts, to build a \$100,000,000 squadron of industrial enterprises which would cast their most important reflections in Cambridge City coffers. The outcome of Monday's preliminary vote: 5-4 in favor of zoning the area--just one vote short of the necessary two-thirds majority.

At an open hearing a week earlier, opinions were publicly aired for the first time by many front-row spectators on Memorial Drive. Vice Treasurer Philip Stoddard represented M.I.T. at the proceedings, and a formal statement was also sent to His Honor, the Mayor Edward Sullivan. Recognizing M.I.T.'s obligations "to assist the City in every way in creating the best possible environment to meet the present and future needs of all residents," this verdict was given: "In the opinion of the Institute, not only Cambridge but the entire Metropolitan Boston community enjoys the present, unobstructed state of the Charles River Basin. (It) is a source of civic pride...has enhanced the property values of all surrounding areas...has been of utmost importance in attracting valuable activities around it... has promoted and served the well-being of M.I.T. as an educational community... serves in a most important way the many recreational needs of thousands of people in the Metropolitan area. In the light of the foregoing," the statement concludes, M.I.T. "must record its opposition to changes in zoning that would permit the building of structures over the lands in question."





Boy



girl

meets

"WITH AGE COMES A LITTLE CUNNING"

A tremendous splutter was kicked up in Alumni Pool a week ago as the juniors swam to the top in an unexpectedly close all-Institute swimming meet. A bevy from Bouve provided bubbling ballet in the intermission. While former meet records were toppled with uncomfortable regularity, the "poor old staff" (as one ticket-selling undergraduate labelled them) staged the biggest upset of all. Not only did they shatter three records themselves, but they beat freshman and sophomore pollywogs into a startling third place in the meet.

MILESTONE AT MILLSTONE

They didn't pick up any anniversary overtones from Moscow, but Lincoln Lab's powerful new radar station atop Millstone Hill in Westford (Mass.) made one debut at 5:12 a.m. on November 7 with its first "observation" of Sputnik II. This time it wasn't a question of 24-hour Moonwatch. On the basis of information provided by Lincoln radio spotters in four different locations, Millstone crews were alerted well in advance about the newest satellite's New England appearances.

The long-range radar, described as "very large and high-powered," picked up radar echoes from Sputnik at an altitude of 152 miles. The equipment responsible for this feat: a 90-foot concrete and metal tower supporting a 90-ton "radar dish" with a diameter of 84 feet and an owlsh rotating ability to sweep the entire sky. So precise is the Millstone radar that microscopic expansions in the tower caused by the sun were labelled "intolerable." To remedy this imperfection and insure minimum absorption of heat, paint crews went to work on a thorough whitewashing of the tower.



The Millstone radar will be used primarily for research. Its main project: to cooperate on behalf of the U.S. Air Force with the Defense Research Board of Canada in research on the ballistic missile defense of North America. The station will also be used to do basic research on the radio effects of meteors and northern lights and to help the U.S. Naval Research Lab on the tracking end of IGY's Project Vanguard.

OF MANY TONGUES

From the Research Fiscal Office comes an unusual linguistic offer: "The Middle East has become a very important area-- and the language of the Middle Eastern countries is also of importance. Anyone interested in learning the Arabic language

contact Sa'id Zawawi, Ext. 2760 (Rm. 5-330) or write to 820 Mass. Avenue, Cambridge."

Sa'id, who came to M.I.T. from Palestine last January, notes that there are more than 50,000 Americans in the Middle East right now -- some under UN auspices, some working on Point Four and foreign aid programs, some seeing to it that those on the other side of the Atlantic have enough oil to move their Edsels and their industries forward. Sa'id himself taught elementary school for two years in West Jordan with UNRWA (United Nations Relief Works Agency). His smiling promise about the projected language sessions: "I can get everybody to speak and write Arabic in a matter of months."

BOLD

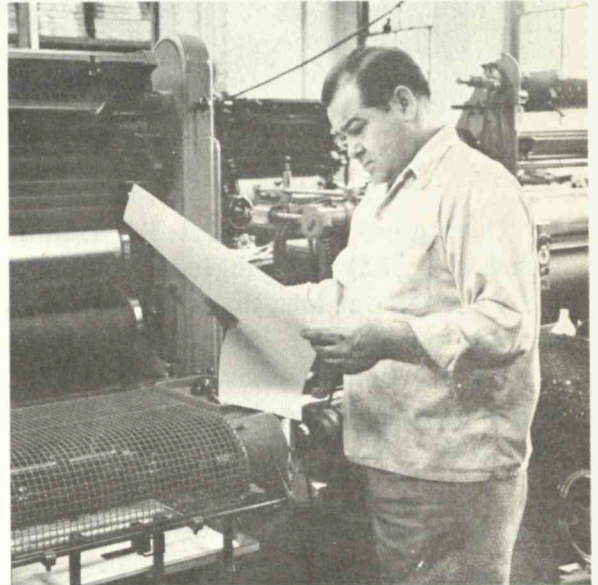
You don't need a megaphone any more to make yourself heard. The pressroom of the M.I.T. Photo Service has struck a mellower note than ever before. Not that the bugs are all cleaned out. But for the condiserable speed at which they operate, the Swedish printing presses newly purchased by Photo Service kick up amazingly little fuss.

The two presses, nicknamed "ATF Chief 24's," are dapper and curvacious. More versatile and precise than the three old-timers they are replacing, the Chief 24's can work about 20% faster (maximum of 6000 "impressions" per hour, as compared to 5000 on the old presses), can use a bigger variety of paper (18 x 24 inch stock in anything from 6 pound onionskin to 6 ply cardboard), and are more adept at distributing ink (20 rollers, as compared to 12). Frank Conant, Photo Service head, vows that the Chief 24 "is the finest type I know of on the market today. We hope," says Frank, "to see our work improve in quantity and quality."

There is no doubt about the first of these. Since its initiation in the early 1940's, the quantity of M.I.T. printing has mushroomed. When Al Pellecchia, pressroom chief, first started in 1946, he not only ran the presses but did all the layout work, folding, and binding to boot. Today it takes seven men to keep ahead of the load in the pressroom, plus about a dozen layout experts, cameramen, binders, and bookkeepers to complete the whole printing operation. In line with this scale of things, campus printing is now consuming more than 500,000 sheets of paper a month.

Al isn't making any promises -- yet -- about the performance of the new presses. But he's very much aware that M.I.T. faces classy competition from the outside. "There are lots of top printing outfits around Boston," he admits, "many of them geared to do bigger jobs than we are. This is good," says Al staunchly. "It keeps us on our toes." Al then points out that M.I.T. has won its share of printing laurels, too. Most recent example of this is a scroll given to Photo Service by the American Institute of Graphic Arts "in recognition of the fine craftsmanship in an outstanding example (summer session program) of commercial printing."

Whatever the future holds in store, of one thing Al is sure. His dry cleaning bills won't be getting any smaller. The new presses may look clean, but the ink on their spanking new rollers is still as catching as ever -- especially, notes Al, at about 4:59 p.m.



Al checks quality

ACCEPTS WITH PLEASURE...

Another appointment from the Capitol: beginning immediately, Dean E.P. Brooks will spend part of his time in Washington as consultant to Clarence B. Randall, Eisenhower's special assistant in the promotion of international travel in countries getting non-military aid from the U.S.



SAFE HOME

When Helen Harrison left M.I.T. a few weeks ago to combine Thanksgiving festivities with her own wedding (she is now Mrs. Stuart Wallace), the Technology Loan Fund lost one of its long-time stalwarts. During her 21 years at M.I.T., the Loan Fund distinguished itself by such an unusual record of repayment that in 1949 the interest rate was lowered to an astounding 1%. Helen's part in all this was mostly statistical. "I sent out bills for interest," she says, "wrote the boys to thank them when they paid -- and wrote and bawled them out when they didn't."

During her stay at M.I.T., Helen changed offices about four times. A year ago her last residence (4-132) was singled out for a paint job. Files, desks, and general debris were temporarily moved out into the hall. So was the Loan Fund's two-ton safe. "We thought we'd be safe enough leaving that outside," says Helen, but a day later when she came into work it was gone. Seems that some unusually able-bodied citizens had lugged the giant to a remote corner of the Mechanical Engineering Lab in Building 3, and it took 30 searchers from B & P just five hours to find it.

S.O.S.

The Credit Union, doing a big volume of business over the telephone, has had a change of extension. C.U. office can now be reached on Ext. 2844.

FOR SALE ETC.

Craftsman basic amplifier, Model C-500. Orig. price \$99.50. Now \$39.50. Free demonstration. Dale Madden, Graduate House.

Beautiful, large, antique cut-glass punch bowl and stand with 18 cups. Reasonable. Mrs. Simpson, HO9-9336.

White & tan 14-mos-old 1/4 Angora male cat (special breed from Harvard, Mass.) Very gentle, affectionate, intelligent. Accustomed to living indoors. Trial basis if desired. Eve Stevenson, Ext. 139.

'49 Pontiac station wagon. All-metal body. R & H. Good tires. \$300. A. R. Johnson, Ext. 2739 or UN4-6291.

'54 Buick Special Riviera. Black & white. Dynaflo, R & H. Best offer. C. Crook, Ext. 127 (Lincoln).

English car for sale. '55 4-dr Morris Minor. \$750. Irwin Shapiro, Ext. 318 (Lincoln).

'56 Bel Air 4-dr hardtop Chevrolet. 2-tone blue inside and out. R & H, powerglide trans., ww tires, V-8 engine, low mileage, good cond. Larry Ristuccia, Ext. 3356.

'57 Corvette. High lift cams, 283-plus hp, special competition suspension, 4-speed gear box, synchromesh 1st gear, special finned racing brakes with ceramic-metallic linings, limited-slip (posatractor) differential 4.11 to 1, fast steering option, special instrumentation. Never raced or abused. 4,000 miles. See Aug. issue of ROAD & TRACK. Sacrifice price for quick sale. RI2-1564 or Ext. 456 (Lincoln).

Wanted: baby's crib and/or play yard. Gerald McGrath, Ext. 5350 (Lincoln).

Unfurn. apt avail. Jan. 15. 4 rms, lg. hall, heat & hw supplied. \$105/mo. 20 Highland Ave., Cambridge. Lease required. UN4-2989.

Apt for rent. Oak Square, Brighton. 3 rooms, furn. if desired, plus bath. Parking. Avail. now. Mrs. Kallmes, Ext. 4241 or BE2-5067(evgs).

For sale--to someone with an eye to plane-commuting era. House in Penobscot, Maine. Very reasonable. For details write to H. D. Littlefield, 106 Chestnut St., Camden, Maine.

For sale. New ranch with Garrison styling overlooking Boston. Convenient to schools and MTA. Completely mod. K, 3 baths, 3 BRs, 2fps, forced hw heat. 85 Coolidge Rd., Arlington. Mr. Fellman(owner) through weekend or MI8-51 39 after 6 p.m.

For sale. Weathersfield, Natick. 6-room ranch with attached garage (fireproofed). 3 BRs, tapestry-bricked fp, Youngstown K with dishwasher, built-in breakfast bar, full DR. 11,300 sq. ft. Radiant heat. \$15,100. Jack Jacobs, Ext. 813 (Lincoln) or OL3-0087.

Wanted: male roommate. Grad. student preferred. 461 Beacon St.(Boston). 1/2 block from Mass. Ave. Free parking. 2 lg BR-LR combinations plus K & B. \$60/mo. per person, including utils. Peter Calcaterra, Ext. 2980 or CO7-5349 (evgs).

Needed: ride to & from Somerville, now thru March. Arrive MIT 7:30 a.m., leave 5 p.m. John Tencati, Bldg. 7 elevator or PR6-7552.