

MATERIAL GAINS

With fifth, fourth and first floors fully occupied, and others rapidly filling, the Center for Materials Science and Engineering is right on schedule for its dedication at the end of September.

TT Photo by Bob Lyon



Moving up

New occupants are drawn from electrical engineering, physics and metallurgy from Bldgs. 4, 6, 8, 10 and 20.

The brightly colored 400-foot corridors are abuzz with electricians installing and checking telephone bells and wiring and movers pushing carts loaded with everything from intricate laboratory equipment to office supplies. One moving problem was hoisting a 2000-pound spectrograph up an empty elevator shaft from the lobby to the fourth floor, while other elevators in the bank continued rising and descending. The 2-hour job was completed successfully with chain falls hung in the elevator shaft. Once up, the massive spectrograph glided through a door widened to receive it.

TT Photo by Bob Lyon

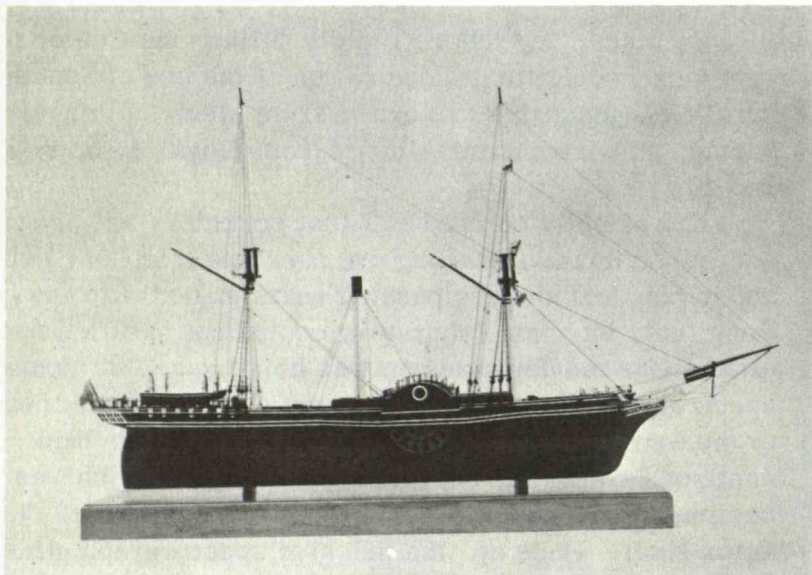


In machine shop: Edward Gempka (front) and Paul Wilkalis.

(Continued from page one)

One of the happiest new occupants of Bldg. 13 is Peter Kelleher, foreman of the materials science machine shop. After nearly 15 years of cramped quarters in Bldg. 20, the shop has expanded to twice its former size. Old machines were traded in on shiny new ones which will make the better tools necessary in research on improving structures of the countless thousands of materials found in the world today. Two major projects Mr. Kelleher and his staff are presently working on are a wide range (1 cycle to 40 megacycle) capacitance bridge and a crystal pulling furnace which precisely and accurately controls temperature.

Photo by W. A. Baker



New model: Sirius

AHOY!

For landlocked would-be sailors, the Hart Nautical Museum has acquired a new model ship of historic interest. She is the Sirius, first vessel to cross the North Atlantic under continuous steam power. Sirius won the honor of competing in the first steam-power race from England to the U.S. when a larger ship chosen to compete could not be completed in time. After an 18-day trip, Sirius reached New York City a scant four hours ahead of a much larger competitor on April 22, 1838. The model of Sirius, built to a scale of 1/8 inch to 1 foot, was constructed by N. D.

LeGacy, secretary of the Boston Ship Model Club, and is the latest in the museum's long-range program to expand its exhibit of the development of steamships.

CU ACCOUNTS AUDITED

The MIT Credit Union accounts ending in 6 and 7 have been audited and verified as of June 30, 1965. Joseph Cullinan, chairman of the CU Supervisory Committee, urges members to return the confirmation notices as soon as possible. If your account number ends in 6 or 7 and you have not received a confirmation notice, please contact Mr. Cullinan at the Payroll Office, Bldg. E-19, Room 515, or ext. 4491. Federal regulations require that CU accounts be audited periodically, and the Supervisory Committee does a group each quarter.

HERE AND THERE

The befuddled visitor to MIT who is unable to find a place to park can now take heart. The Daggett parking lot is reserved exclusively for guests. A campus patrolman is on duty there in the mornings to assure that the lot remains available only to visitors.

The MIT Publications Office again was honored in the recent national publications competition sponsored by the American College Public Relations Association. MIT publications won five awards of special merit, and the Institute won a \$250 award of exceptional merit for the total publications program.

For early risers, the "Smithsonian Astrophysical Observatory News" announces that there will be a meteor shower tomorrow morning (July 29) just before dawn.

IN MEMORIAM

The sudden death of Ralph Jope on July 13 brought to a close nearly 40 years of devoted service to the Institute. He had been business manager of "Technology Review" since his graduation from the Institute in 1928. He was active in alumni affairs and in the affairs of his social fraternity. For the past 22 years he had been president of his class and this spring he was elected chairman of the trustees of MIT's Alpha Theta chapter of Sigma Chi fraternity. Mr. Jope's interest in athletics, particularly in rowing, was in part responsible for the present extensive athletic facilities and programs available to the community. In 1948 a crew shell was named in his honor and in 1963 MIT established the Jope Cup for intercollegiate crew competition.

MUSIC TO SUMMER BY

The "Four Last Songs" of Richard Strauss, written a year before his death in 1949, will be the featured work in a concert by the MIT Summer Symphony tomorrow evening (July 29) in Kresge. Delores Fox, soprano, will be the soloist in the rarely performed "Four Last Songs." Other works of Strauss' on the program will include: "Death and Transfiguration" and waltzes from Act III of

"Der Rosenkavalier." The program will begin with the overture to the opera "Eury-anthe," by Von Weber. Admission is free and all are invited to attend.

The Summer Symphony provides an opportunity for MIT students, faculty, their families and other musicians in the area to continue musical activities through the summer. It is now in its eighth season under John Corley, Assistant Director of Music. Though primarily a reading orchestra for performers who like to try unfamiliar material, the Summer Symphony presents one concert each year, sometimes in collaboration with the MIT Choral Society. This year the 80-member orchestra has concentrated principally on works of Mahler and Strauss, resulting in the seldom-heard works on tomorrow night's program.

Concerted effort: MIT Summer Symphony under direction of John Corley.

TT Photo by Bob Lyon



FOR SALE, ETC.

Apt. furnishings including 2 couches, chair, beds, K table & chairs, etc. etc. 864-5465.
Stereo pair - matched 3-way Bozak speaker system, long travel woofers, mahog, \$350. Berman 926-0442.
'64 Honda, 250 cc. exc cond, \$400. R. Carlton, ext 2461.
Citizen band equipment. Ken, ext 30541.
Walnut mica desk and matching dresser. Marty, ext 5448.
Wedding gown with detach wateau train, size 7-8, \$25. Sandy, ext 4211.
Three 6.50x13 ww tires, 2 on rims; Exide battery for Corvair. G. Grams, ext 5524.
Golf clubs: 3, 5, 7, 9 irons; 1 & 3 woods; putter; new bag; clubs used 4 times, \$35. Dick Harlow, ext 30437.
Four tires: 7.00x14; 3-piece K set, \$25; metal cabs for K. Also wanted 2-day/wk baby sitting job for teacher. 782-9864.
Sofa cum double bed & rocking chair, \$29; desk & chair, \$31, avail 8/15. 924-3707.
Jet 14 1/4' sailboat, sloop rig, 3 suits sails, trailer. Asking \$800. 277-8087.
Texan re-loading C-press with shell holder & priming arm, new, \$14. Pitta, ext 2110.
Dbl bed, maple frame, \$25. KI 7-1223.
Baby buggy, Tansad, \$20; Portacrib, \$10; high chair, \$5. 332-9320.
12' sailboat, penguin class, fiberglass covered hull, fast boat, \$200. ext 2459.
'63 GE port auto dishwasher with faucet adpt, perf cond, \$85. J. Sullivan, ext 7712 Linc.
Folding chairs, 3/4 box spr & matt, misc. furniture. 864-2848.
Mahog TV-radio-phonograph; Gold sundial 8-day clock; port phonograph; phonograph stand, best offer. Call 395-9159.
Coins: U.S., Canadian, British. Alan Kessler, ext 5853 Linc.
Zenith AM clock radio, exc cond & fidelity, 2-3 yrs old, reas price. LO6-2505 or DE 2-9106.
Re-upholstered arm chair, gd cond, \$5; 2 dinette chairs, \$3; 2 pole lamps with extensions, \$3.50 ea. Call 547-0238.
27,600 ft assort gd used recording tape, \$27.60. EL 4-3538.
Bausch & Lomb prof microscope, 2 objectives, ideal for jr. scientist, \$50. Hank, 547-4950 evgs.
Refrig in working cond. haggle from \$30. Jim Keenan, ext 30225.
Sealpoint Siamese kitten, 6 wks old, \$25. Call 653-4442 or ext 7430 Linc.
Walnut desk, 54"x38"x30", gd cond; K table and 2 chairs, \$15. Call ext 2415.
BMW windshield, Manta-Farring, like new, \$20 or best offer. Call ext 5781 Linc. or VO 2-7041 evgs.
Gorgeous Siamese kittens, \$25. BI 4-3088.
3 blue scatter rugs; 2 beige lamps, exc cond. Call MI 8-8162 after 7:30 pm.
Classical guitar with case, \$50. H. Noble, ext 5476.
Free kittens, born June 18. Call Julie, ext 3201.
Studio bed; single bed; mahog table & chairs; other chairs, coffee table; chest of drawers; bookcases; carpet; toaster; iron; lamps. Call 354-6154 between 5 and 8 pm.
Sears shallow well elec pump and tank, 4 yrs old, just recond, \$40. ext 7331 Linc.
Trade 2 books S&H green stamps for TV stamps. Call ext 3221 or 547-9266 evgs.
Tent trailer, sleeps 4-6, exc cond, storage, cooler-Coleman stove. \$500. TW 4-9699.
Fine silver miniature poodle puppies, 1 m, 1 f, 3 mos old, AKC reg. Call ext. 4831 or IV 4-1904.
Bag-boy golf cart, like new, \$20; Honeywell Pentax clip-on light meter, \$20. Dick, ext 3854.
Kiddie-koop crib with matt; Taylor-tot deluxe stroller; both like new, both for \$40. H. Curtis, ext 6116.
'64 Honda model C110, exc cond, \$195. Jim, OL 8-9735.
Brand new fiberglass cover for compact car, \$15. Judy, ext 737.
Lambretta scooter, 150 cc, exc running cond. Ray, ext 3725.
Exchange typing services for folk or classical guitar in gd cond. Call ext 726 or 335-8396.
Moving, must sell Philco table model TV & rotating table, \$30; solid maple rocker, \$10. 491-4125.
2 steel K cabinets; broom closet & pantry; Formica counter top, \$8. LO 6-4622.
Gray rug, 9x18; blue rug, 9x10; 2 fireside chairs; mirror, RCA TV, best offer. Call 933-6734.
Expert dressmaking and alterations. Call Clair, 396-9417.
9 cu ft refrig; set of cutlery; '65 Honda 305 Superhawk. Endo, ext 3157 or KE 6-2497.
Wooden skis, 6' long, safety bindings, \$12; Play yard, \$8. Call 868-9550 afternoons or evgs.
Cart it away: massive bookcase and cabinet, glass doors. Call ext 770.
Sears window fan, 2-way draft, thermostat, used 2 mos, \$15. E. Sullivan, ext 422 Linc.
Console TV, \$15; Mahog DR set, \$18; Sofa, \$35; Chest, \$7, Rug, \$5, dishes & misc. Rosina, ext 2362.
Fake Book, Vol II, over 1000 songs, over \$700 worth of music for \$20, brand new. Ralph, ext 5035.
Dynamik and AR hi fi. D Hamilton, ext 30376.
14' sailboat, dacron sail and jib, ideal for family, trailer, \$495. Ed Murphy, ext 461 Linc.
Must sell: GE refrig, \$25; Maytag washer, \$35; Castro conv sofa, \$40; 4-shelf metal cab, 5 1/2' tall, \$10; metal desk, \$10; wooden dresser, \$3. Call ext 5935 or 899-3471.
Oneida stainless flatware service for 6, case incl, never used (gift), retail \$36, sell for \$20. ext 30549
Port TV, 21", \$20; Norge wash mach. \$15 as is; also free kittens. BI 4-3088.
German tutoring and translation, Eng to German and vice versa. Call 625-8386.
Sailboat, 210 class, new fiberglass bottom, '64 Cressy sails, racing or day sailing, \$2000. ext 3201.
'29 Dodge Bros 6 "DA" - mech restored, repainted, no rust. Car shipped from Calif, \$650. ext 30549.
'53 MG TD, restored eng, Porsche red, collector's item. Call ext 6106.
'54 Chevy 2-dr sedan, auto, runs well. Call 646-8582.
'54 MG TF, motor exc, body basically sound. Bob Munger, 868-8767
'54 MG TS, green & white, red int, R&H, extras, exc cond. Call ext 2488 or 484-8378.
'55 Olds, 4-dr hard top, good for local trans, \$50. Call ext 3610.
'55 Chev Corvette, good mech cond, needs some body work, new top, \$600. Robert Solomon, ext 3770.
'55 Chevy coupe (283 eng), primed with blue int, 3 spd Hurst best offer over \$300. Lennie, ext 4121.
'56 Chevy, snow tires, R&H, gd cond, \$85. Susan, ext 6220.
'56 Austin-Healey, 4 cyl with overdrive, rebuilt eng, trans, clutch, \$250. Lazar, ext 5338.
'57 TR3, new water pump, rebuilt radiator, gd tires, gd mech cond, \$350. Call 837-2488.

'57 Mercedes Benz 219, sun roof, gd tires, \$395. Call 484-9438.
'58 VW, 8000 mi, sun roof, \$350. Also long sleeve wedding gown, small, \$75. Tom King, WA 3-0852.
'59 Peugeot. Call 354-3625.
'59 VW sedan, 42,000 mi, \$500 or best offer. Call ext 2476 or TR 6-1882.
'59 Ford sta wagon, p steering, p brakes, rebuilt eng & trans, \$400. Call ext 2523 or 783-0661.
'59 Karmann Ghia, exc cond, \$500 or best offer. Call 926-0600, ext 303.
'59 VW sedan, sun roof, 62,000 mi, gd mech cond, fenders need work, best offer. E. Sullivan, ext 422 Linc.
'59 Ford Galaxy, R&H, through talking, will take \$100. Ed Bowles, Magnet Lab.
'60 Dodge Polara, 9 passenger wagon, p steering, rear window, 6-way p seats. Asking \$750. Call 274-7437.
'60 Dodge, p steering & brakes, slant-6, R&H, 2-dr, \$550. Iacobucci, ext 30106.
'60 Austin-Healey sprite, 37,000 mi, one owner, perf cond. Call ext 4025 or 442-2887 evgs.
'61 VW sedan, low mileage, will sell cheap. Call BE 2-3831.
'62 Pontiac Convert, black with white top, 37,000 mi, new tires & brakes. Frank, ext 3956 or 828-1752.
'62 VW, 30,000 mi, R&H, luggage rack, 4 seat belts, 5 gd tires, avail Sept 7, \$950. Henry, ext 3756
'62 DKW, dependable, cheap trans, 35 mi/gal, \$350. Mrs. Goodwin, ext 2427.
'62 VW sedan, blue, 35,000 mi, \$980; also lg chest of drawers, rec refinished in nat wood, \$22; dresser with mirror, nat wood, exc cond, \$28. Call 547-0238.
'62 VW sedan, exc running cond, list \$1125, asking \$900 or best offer. Richard Potter, ext 7130 Linc.
'63 Microbus, 50 hp, 1500 cc eng, exc cond, must sell, going to Europe, \$1350. McCallum, ext 3679.
'63 Corvair monza, 16,000 mi, R&H, all equipped, \$1500. Call 277-8828.
'63 VW sedan, \$1125. Call ext 5260 or 523-0287 evgs.
'63 Dodge Dart, auto, p steering, 225" eng, \$1200 or best offer. Call ext 5237.
'64 VW, sunroof, R&H, must sell, leaving country. Call ext 2411 or TR6-0802 evgs.
'64 Pontiac tempest Lemans, 2-dr white, sports coupe, auto, console, all access, best offer. Call 662-9733.
'64 Chevy SS 327, saddle tan. Call Bruce, 631-6115.
'64 Karmann Ghia, black, R, \$2000, going to Europe. Call ext 3201 or NE 1-5125.
Unfurn apts: one 2BR, LR, K & B, \$150; one 1 BR, LR, K & B, \$120; one studio, K & B, \$90; all incl parking, ht & ht water. Call 876-0913 days or 547-8246 evgs.
4-rm cottage on Webber Lake, near Augusta, Me, comp furn & equipped, swimming, boat, dock, etc., \$4000. Call LY 3-2700.
Furn studio apt in Winthrop, tile bath, all util incl, \$150/mo. Call 846-2299.
Lg 8-rm stone house, Medford, exc for 4 to 6 grad students, beginning 9/1. Call present tenants, 391-4460.
Maynard, 2-yr old 4 BR split level, G, fam rm, quiet street, many extras, \$17,800. Call 897-9539.
Lease for 2 yrs, Concord, 3 BR tri-level, G, laundry, fp basement, furn or unfurn, avail end of Sept. Call 369-4889.
Mod 2-fam house in ambridge, can be used as 2 apts: 5 rms & 9 rms, mid 30's. Mrs. Seidman, 484-8255.
Cambridge, Fresh Pond area, 2 BR house, fenced yard, full basement, \$18,900. Call EL 4-5465.
Billerica, 4 BR, 1 1/2 B, G, corner wooded lot, low \$20's. Call 272-3787.
New cottage, NH, near lake, sleeps 4, avail Aug, \$55/wk. Call 933-3149.
Duplex house, 2 yrs old, 6 & 7 rooms, owner's apt has paneled fam rm with fp, lav, \$28,900. Call 933-5716 evgs.
Comf 3 BR house, unfurn, 25 min from MIT, 1/2 acre, woods & meadow, ideal for children, avail 9/1/65-6/30/66, \$180/mo. Call ext 5935 or 899-3471.
Wanted: Nash family trio records. Name a price. Bob Munger, 868-8767.
Wanted: Used 16mm projector. Fred Donovan, ext 624 Linc.
Wanted: ride to and from Daggett Bldg to Trapelo Rd, Waltham, daily 9-5. Mona Wilson, ext 2751.
Wanted: furn apt, Belmont or Arlington area, for four starting Sept. Call C. Therrier, ext 2798.
One or 2 roommates to share very lg apt with 2 other girls, 5 min from Harv Sq. Call Lyn, ext 3600.
Wanted: mother's helper, 3 children, August, Maine. Mrs. Halle, LA 7-4459.
Quiet, well-mannered girl desires same for Beacon Hill apt-hunting, Sept occup. Liane, 267-3249 evgs.
Wanted: female roommate. AI, ext 2523.
Wanted: housekeeper, 5 days/wk, Sept-June. Lubin, ext 2521 or 926-0471.
Wanted: fem roommate to share Coolidge Corn apt with 2 others, \$53/mo. Call ext 2220 or 734-7989 evgs.
Wanted: fem roommate, own BR, near Harv Sq, \$65/mo includes everything. Call ext 2651 or 547-9719.
Wanted: typing, all kinds. Pat Peters, ext 5495.
Wanted: China cab or cupboard. Call 625-8321 evgs.
Wanted: 3rd fem roommate to share mod apt on Harvard St, starting Sept, \$73.33/mo. Also: Spanish lessons wanted by recent college grad, reas rates. Call ext. 6064 or 491-7298 evgs.
Wanted: typing, theses, reports, etc. Alice, ext 5496.
Wanted: lady's bike, reas cond and price. Jutta Thorne, ext 2450 or 868-8158.
Wanted: used upright piano, gd cond. Call ext 3122 or 868-9046, Patsy.
Wanted: ride M.I.T. to and from Harvard St, Brookline, 8 to 5. Paula, ext 5391.
Will drive your car to Calif or Denver, Sept 1. Call ST3-0295.
Wanted: room with K priv for refined lady near Harv Sq. Call TW 3-3146.
Wanted: baby crib and bathinette. Pete Buttner, ext 4973 or 358-7194.
Wanted: baby sitting. Pat, 354-7581 evgs.
Wanted: sailing lessons, rates to be arranged. Call ext 3833.
Wanted: 3 or 4 BR house or apt for 4 grad students. Herb, ext 5363 or CI 7-8124 evgs.
Wanted: ride Lynnfield Rt 1 to and from M.I.T, daily 9-5. Call Diane, ext 5763.
Wanted: used motor scooter in gd cond. Call ext 5762 or Wayland 358-2559.
Wanted: Home with cat lovers. Present accomodations tolerable, not perfect, for 1 yr old male. Call Perky, 923-9761 or Dave, ext 5001.
Wanted: Hide-a-bed sofa in gd cond. Dick, 876-4160 before 10:30 am or evgs.
Wanted: male roommate to share new apt, starting Sept 1. Bob, ext 6023 or 267-4145.
Wanted: roommate, Sept 1, 10 min to MIT, \$25-35/mo. Alston, ext 2627.
Wanted: typing jobs. Donna Hayes, 491-4928.