

TT Photo by Bob Lyon



The R. R. Shrock alongside oceanographic pioneer Atlantis, now berthed in Chelsea boatyard.

## ALL AT SEA

MIT's first oceanographic vessel, the R. R. Shrock, went into service last week. The 50-foot boat was built by the U.S. Navy ten years ago and has been lent to Geology and Geophysics for research, chiefly in Massachusetts Bay. It was named for Dr. Shrock who, as former head of the Department, encouraged the development of oceanographic activity at MIT.

Formerly an underwater ordnance boat, the Shrock has been outfitted for its new role with a fathometer, radar, ship-to-shore radio, four bunks and a galley. A hydraulic A-frame lift will lower buoys and other research gear into the water and launch a small Boston Whaler that will be kept on the roof of the cabin.

The boat will be used for studies of sedimentation and of ocean characteristics and composition along the coastline. Dr. Edgerton (EE) will also use the Shrock to survey the ocean bottom with recently developed sonar devices.

New manager of marine operations for the Institute is Captain Harold Payson, Jr. After graduating from Annapolis, he served in the Navy from 1927 to 1961, when he came to MIT and earned a master's degree in oceanography.

## A MOVING EXPERIENCE

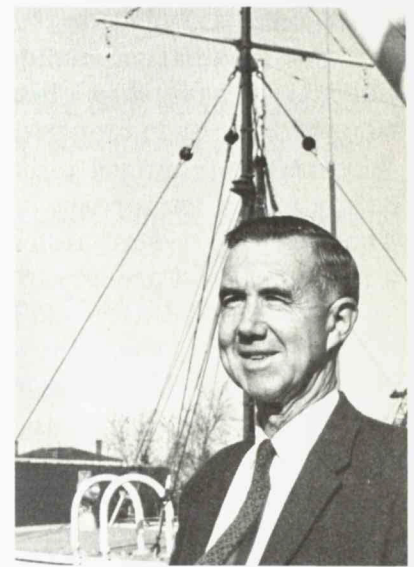
Gone, as of last Monday, are Public Relations and Publications from the third floor of Bldg. 3. The Publications Office has two new addresses: John Mattill is in Room 5-221 while Jackie Casey, Ralph Coburn and Elaine Langford are installed in Room 5-205. And now, when you need a copy of the "Calendar of Events," or want to put an ad in "Tech Talk," the place to go is Room 5-211, Public Relations headquarters. Telephone extensions remain the same for both offices.

## NEW HOME FOR HIGH VOLTAGE

For the first time in many years the activities of the High Voltage Research Laboratory are housed under one roof in the trim, two-story building at the corner of Mass. Ave. and Albany St. The laboratory formerly occupied parts of the now demolished Bldgs 28 and 30.

High voltage research began at MIT in 1934 when Dr. Robert J. Van de Graaff built the first giant electrostatic generator, which was used for physical and electrical research. Dr.

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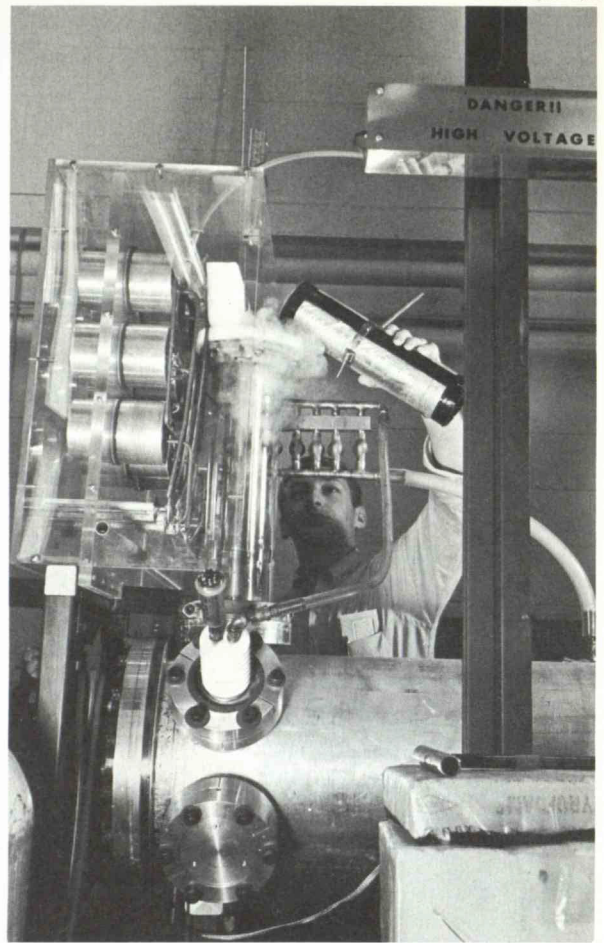
Captain Payson



John G. Trump, now director of the Laboratory, initiated a program of medical applications of high voltage which led to the wide use of penetrating X-rays in medical research and the treatment of malignant diseases in hospitals throughout the world. In 1949 a cooperative program was set up with the Lahey Clinic to treat patients in the Laboratory; since then nearly 5,000 have undergone treatment there.

Other radiation studies undertaken in the Laboratory have shown that body tissue, like sections of bone and, more recently, nerves, can be sterilized by electron radiation, then banked safely in dry ice for use in later surgical repair. The Laboratory staff also studied irradiation as a means of food preservation in cooperation with the Dept. of Nutrition and Food Science.

The unique 4-million volt electron accelerator and two 2-million volt X-ray machines, shielded by thick concrete walls, are also used in physical research. Studies now underway include the investigation of nuclear structure and energy, and the interaction of electrons and X-rays with living and non-living systems. Though primarily concerned with research, the Laboratory also participates in a number of educational programs at MIT, both undergraduate and graduate, and at many research hospitals and clinics.



Graduate student at work in MIT's new High Voltage Research Laboratory.



Governor Volpe with MIT representatives: Philip A. Stoddard (center) and John Carley.

### ANOTHER STEP FORWARD

By invitation of Governor Volpe, MIT last week became the first educational institution to join the Massachusetts Plan for Equal Employment Opportunity. The MPEEO is an association of nearly 70 employers (who together employ more than 200,000 people) in the state pledged to promote fair employment policies. With this new commitment, MIT continues its long adherence to hiring, training and promoting solely on the basis of qualification and performance.

Through its membership in the President's Committee on Equal Employment Opportunity--which it joined last spring--the Institute is actively engaged in striving for ways to make

fair employment a working reality for increasing numbers of people. The opportunity to join with other employers in Massachusetts will further strengthen ways in which MIT can implement its policies and programs for equal opportunity. Now entering its third year, the MPEEO has demonstrated that there are significant tangible results when employers make conscious efforts to open up opportunities for minority group members.



## UF UP

As "Tech Talk" went to press, UF Campaign Coordinator Ruth Dawson (Assistant Bursar) was preparing the first tally and reported promising early returns. So far, however, only 14-15% of the returns are in and much remains to be done to meet MIT's hoped-for goal of 100% participation. When your UF solicitor calls upon you, you might consider that Mrs. Buck in the Institute Social Work Service Office referred 267 members of the MIT community to 68 UF-supported agencies last year.

## HELP WANTED:

The Faculty/Staff Noon Hour Recreation program has openings for men who need or would like more exercise. A warm-up of calisthenics followed by a brisk game of volley-ball has been most popular with previous participants, but squash instruction is also available. If the sedentary life is getting you, report to the Armory, with your Athletic Card, on Mondays and Wednesdays at 12:10.

Car trouble? Harry McCabe at Lincoln Lab is looking for people interested in forming an automotive repair cooperative. If enough interest is shown, an organizational meeting will be arranged to make plans. Aspiring mechanics should get in touch with Mr. McCabe at Lincoln ext. 424.

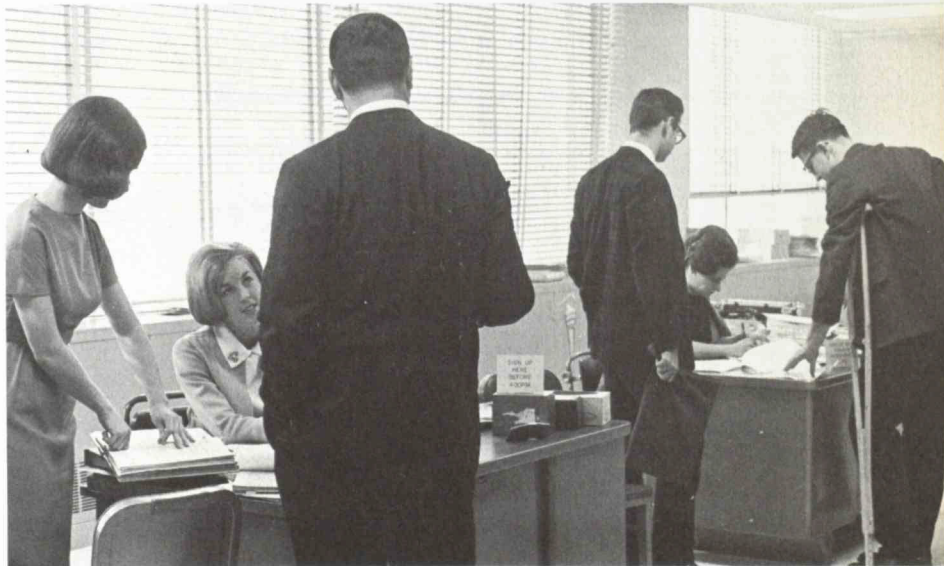
REMINDER: The MIT Matrons are back in business at the Student Furniture Exchange at 224 Albany St. Hours are Tuesdays and Thursdays, 10 a.m. to 3 p.m.

## A PLACE FOR EVERYONE

One of the most popular offices on campus from October to April is the Placement Bureau which plays host to interviewers and recruiters looking for likely employees among hundreds of students expecting to join the nation's working force come June. With the spread of specialization, the scope of the Placement Bureau has broadened in recent years and now several graduate schools actively recruit here.

Companies and government agencies usually keep regular appointments from year to year. Weekly schedules listing recruiters who will be on campus are issued well in advance to all departments and to many living groups so that students may arrange for appointments with the potential employers they are interested in. Thirty interviews--each in a private booth--can take place at once while waiting students can brief themselves on prospective employers, graduate schools or scholarships in the Placement Library.

Last year 1,673 students came to Placement and took part in 7,719 interviews during recruiting season. By mid-August the Placement Bureau provided the following statistics for the 1965 graduating class: 561 went on to further study; 354 to government or industry jobs; and 129 to teaching and research.



Meeting ground for the labor market: the Student Placement Bureau.

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FOR SALE, ETC.,

- Landlord has evicted 2 young cats. Please rescue! Pat, 876-9689 evgs.  
Physical Review, Reviews of Mod Physics, 1950-present, best offer. Ext 6071.  
Remington elec tpwr, std ofc mod, all repeat units, needs some repair, \$60. Call 868-2186.  
Man's Raleigh bicycle, 3 spd, like new, \$50. Garrard type A chgr w/Shure cart & base, \$35, Call 862-5834.
- Northland 6'3" skis, metal edges, \$15. UN 4-0824.  
Contemp chandeliers, 1 ceramic, 1 brass & milk glass, gd cond, \$15 ea; 9'x12' wool twist rug, lt green, very gd cond, \$20. Ext 2443 or 862-9462.  
Snow-blower, wrking order, \$25; 1-wheel Sears trlr w/hitch, lights, tarp, \$35. RE 4-1349.  
Delta prem 5.60x15 snow tires & tubes for VW, used 4 mos, \$22. Mrs. Howe, ext. 4737 p.m.  
K set: 42" round Formica top tbl, 4 ch, almost new, exc cond, \$75; 2 china lamps w/silk shades, 36" high, \$10 ea; Cav. Silvio Soprani accordion, \$75. WA 4-4131.  
Dennis Mitchell infant seat, \$2. Ext 1305.  
Daybed, tapestry covered, 1 yr old, delivered within 10 mi. PR 6-9053.  
Home-made beach plum jelly, 4 1/2 oz/50¢; 8 oz/90¢. J. W. Fish, ext 5419.  
Baldessa-Mat 35mm camera w/built-in lt meter; Skylight color filter; Honeywell "Tilt-A-Mite flash unit & 2x2 slide viewer incl, \$45. Call 862-2057 evgs.  
Snow tires, 8.00x14, 4-ply, used only 3,000 mi, asking \$20. Norm, ext 1376.  
Polaroid camera mod 110A w/wink light, best offer. Call 244-7358 evgs.  
Year-old yellow parakeet w/lg brass std & cage, \$15. BE 2-0484.  
Dachshund pups, red, black, tan, m&f, champ stock, 9 wks old, \$50-75. DE 2-8251 evgs.  
Mahog 4-poster style bed, single, \$10. AS 7-0158.  
Golf clubs: 1&3 woods, \$7 total. Tom, ext 7897 Linc.  
Blonde DR set: 6 ch, tbl, break-front cab, exc cond, \$140. DA 9-9319.  
Falcon or Comet rim, 6.50x13. Ext 3584.  
Lady Sunbeam elec shaver, lt blue, almost new, \$10. Ext 5470.  
Remington QuietWriter port tpwr, perf cond, \$35. Dick, ext 7102.  
Zenith 23" TV; Grundig stereo. Bill Creech, ext 7295 Linc.  
GE swivel-top vac cleaner w/attach, 10 lbs. Mrs. Barron, ext 4198.  
Old prints, full color, butterflies, animals, birds etc, perf for framing or gifts, 99¢ ea. Call Robert Fagan, ext 2871.  
Tires: 7.50x14, best offer. Ext 4603 or 395-2148 evgs.  
Man's wool overcoat, dk blue, size 46, like new, \$15. Poole, ext 3161 p.m.'s or evgs.  
Free: 6 fluffy angora-type kittens, various colors. J. Freedman, ext 406 Linc.  
Back issues: Pop'tronics; CQ; QST; EI; R&TV Exp, \$1 ea set or \$5 for all. Dick, ext 5672.  
K tbl & 4 ch, \$25; white 4-brnr size range, \$25. CR 4-6075.  
Hand-knit Aran pullover, lady's size 14, never worn, \$15. June Slader, ext 406 Linc.  
Snow tires, 6.50x13, slightly used, \$15. Ext 5556 Linc or 862-3194.  
Hotpoint washer & dryer, need repair, asking \$40. Mrs. Belt, GR 2-3623.  
Motor cycle, '64 TR6, new rear tire, valves & rings, 20,000 mi, \$875 or best. Call 864-9320.  
Collier hvy carr, dk plaid lift-out body, conv to car bed, like new, \$24. IV 4-6670.  
Hotpoint elec stove, best offer. Ext 3584.  
Lady's opossum coat, size 12, great for football. Raab, ext 7786 or 899-4546.  
Full-length brocaded wedding gown, detach train, size 7-9, \$25. Sandy, ext 4211.  
Tickets for John Jay movie "Silver Skis," Nov. 8, \$1.50. Marie, ext 4940.  
Misc silk screening supplies. Lipton, ext 6439.  
Sky Ridge Eng bone china, 8 settings, br new, bought \$500, will sell \$350. Susan, ext 3866.  
Yashica Pentamatic SLR f/1.8, bellows, telephoto, \$125. Morris, ext 2875, dormline 0507.  
GE clock R, white, best offer. Ext 5762 or Wayland 358-2559.  
Sunbeam vista hairdryer, 75% of list, unused; white fur cape, \$10; lg man's Harris tweed overcoat, zip lining, exc cond, \$20. Call 868-6848.  
Int'l Harvester '59 travel-all, exc cond, \$650 or best offer. Call 547-3409.  
Broad loom rug, rose, 10'x12', pad incl, exc cond, asking \$35. Ext 6482 or 666-3862 evgs.  
Scott 370B FM tuner, \$95; Weathers ML234 trntbl, base; Empire 980 arm; Pickering 371C stereo cart, \$69. J. Williams, ext 6178 or 2961.  
Man's new leidehosen bought in Austria, \$15. Call 783-0357 evgs.  
Used Kelvinator refrig, \$30. WA 4-5543.  
Oak desk, 7 drawers, best offer. WA 4-7835.  
Vespa, '62 windshield & lug rack, exc mi, \$225. Ext 4629 or WA 4-7124 evgs.  
Lg Formica white ckt tbl, \$50 or best; 39" walnut mod tbl lamp, \$20 or best. Call 536-1569.  
Ice skates, exc cond: man's sizes 9 and 11; 2 prs lady's size 5, best offer. Ext 2170.  
Woman's winter coats, new blouses, exc cond. Ext 1395.  
Two sets garage doors, one exc, other fair, \$10 for both incl hardware. Ext 4271.  
Bendix "Dialomatic" wash mach, exc cond, new parts, ideal for apt, \$25. Call 444-7548.  
Craftsman 18" reel type lawn mower, Briggs&Stratton eng, 4 cycle, \$25. Paul, ext 3981.
- '53 MG TD, good cond, best offer. David Carney, ext 5311.  
'53 MG TD, new red paint, rebuilt eng 400 miles ago, needs top, \$650. Call 623-1599.  
'55 VW, fac rebuilt eng & cl, 8,500 mi, new fr sh & bear, best offer. Call 868-1225 evgs.  
'55 Olds convert, 1-owner, 55,000 mi, new tires & top, fl equip. Ext 7859 Linc or ST 2-8798.  
'55 Buick 2-dr sedan, exc cond, \$100. Ext 6074 or IV 9-1482 evgs.  
'55 Chevy, 1-owner, \$50; '65 Fiberglass sailfish, dacron sails, \$300. Call 646-1839.  
'56 Chevy, black & white 4-dr. Call IV 4-5058.  
'58 Dodge, 4-dr, p st & br, R&H, \$325 or best offer. Marion, WA 4-4542.  
'58 Jaguar 3.4 sedan, best offer takes it. Ext 3610 or 254-4322 evgs.  
'58 Plymouth sta wgn, 4-dr, V-8, \$100. Bob Maydoney, 296-6095.  
'59 Hillman, new batt, recently tuned, inspected, perf cond, asking \$195. Skolnikoff, ext 2449.  
'59 Ford custom sta wgn, \$395. Ext 4015.
- '59 Plymouth 2-dr sedan, auto, R&H, perf cond, always garaged, \$350. Call 333-0405.  
'59 VW sunroof, new paint, kingpins, A-1 throughout, 65,000 mi. Ron Muhlenkamp, 774-4014.  
'59 Buick, \$195 or best offer. UN 4-0470.  
'59 Ford, \$200 or best offer. Mac, ext 2781.  
'60 Ford Galaxie, 6 cyl, std shift, gd cond, \$300. MI 3-2696 evgs.  
'61 VW, access & new tires, low mi, exc cond. Call 762-7621 evgs.  
'61 VW, 38,500 mi, \$700. UN 4-2337.  
'61 Fiat Zagato Abarth, 750 cc, red, mint cond. Bill Dalzell, 4580.  
'61 Chevy Impala 4-dr sport sedan, all-pwr w/extras, exc cond. Ext 7474 Linc.  
'61 Pontiac Tempest, autumn gold, exc cond, drafted, must sell, \$550 or best. Ext 2775.  
'62 Anglia sta wgn, 41,000 mi, snow tires, very gd cond, \$400. Don Moscolo, ext 2725.  
'62 VW sunroof, \$875. Call 862-5558.  
'62 1/2 VW, red & white, ww's, R&H, exc cond, best offer. IL7 Guard Desk, ext 1218.  
'62 Impala convert, p st, ww's, R&H, tinted windshield. Howard Zarett, ext 2372.  
'62 Corvair Monza, 4-dr, mech perf, R&H, other extras, \$1250 or best. Gary, ext 7724 Linc.  
'63 Plymouth, 6 cyl, auto, exc low mi, best offer. Call 329-9587.  
'63 Ford 300, V-8, 2-dr sedan, low mi, exc cond, \$995. KE 6-9485 evgs.  
'63 Saab GT, \$1200 or consider motor cycle in trade. Rasmussen, ext 4120 or LA 3-7244.  
'64 TR4, black & white roof, exc throughout, reas. Call 729-7076 evgs.  
'64 Cadillac Coupe de Ville, gold, all access, air cond; '63 Cadillac conv, black, all access, exc cond. Call 395-1800. Also '64 Pontiac conv, silver blue, all access, gd cond.  
'64 Ford Falcon, 2-dr, std shift, snow tires, R&H, exc cond, \$1250. Lynn, ext 4875.  
'64 Dodge Dart GT, hrd tp, bucket seats, ww's, 4-spd, 6 cyl, exc cond. Mike, SP 4-7113.  
'64 Pontiac LeMans, 4 spd, bucket seats. Call 444-1077 evgs.  
'64 VW bus, 9,000 mi, extras, beaut cond, \$1700 or best, owner leaving country. Ext. 6678.  
'64 Thunderbird landau hrd tp, exc cond, new tires, fl pwr, 30-day guarantee, \$2800. Also riders wanted Hyde Park-Dedham areas to Linc. Chuck, ext 646 Linc.  
'64 Buick special, std shift, V-8, many extras, like new, \$2100. H. Band, ext 4620.  
'64 Corvair Monza conv, p top, 4-spd shift, ww's, R&H, extras, 19,000 mi. Ext 200 Linc.  
'64 VW sunroof sedan, best offer. Bob Roig, ext 2796.  
'64 VW sedan, sea blue, exc cond. Ext 2160 or 864-8841 evgs.  
'65 Chevy, 400 hp, 4-spd, exc cond, best offer over \$2500. Ext 3357.  
'65 VW bus, 11,000 mi, like new. Ext 4420 or Ki 7-4800 or 244-2716 evgs.  
'65 VW, green, 12,000 mi, bought in Europe in summer, \$1600 or best offer. Ext 2203.
- Allston, sublet mod 2 BR apt, formica k'ette, tile B, 10 min from MIT in rush hour, \$135/mo. Ext 2531 or 6728.  
Allston, sublet 3 rms, lg K, priv ent, unfurn, pking, near MBTA, avail Dec 1 or sooner, \$115/mo or \$125/mo redec. Robert Golub, ext 2540 or ST 2-6730.  
Near Ashmont sta, 6 rm apt, avail now, \$90/mo. Gayle, ext 3501 or 282-7504 evgs.  
Back Bay, 1 BR unfurn apt, immed occup, \$125/mo. Ext 1341 or 646-8807.  
Beacon Hill, sunny 1 BR apt, lg LR, ex lg K, \$95/mo. LA 3-5431 or 227-8739 evgs.  
Billerica, 3 or 4 BR cape, w to w carpet, lots of land, 10 min to Linc, asking \$18,500. E. Spencer, ext 8303 Linc.  
Cambridge, 1 fam house, 9 rms, lg yard, off Brattle St. Call 868-5486 evgs.  
Dedham, 2 BR Cape with gar, newly dec inside & out, couple pref, lease required. LY 9-4245.  
Lexington, Manor sect, 3 BR, 3 fin rms & B in bsmt, comb windows, lg gar, corner lot, many extras, \$22,900 w/out agent. Mrs. King VO 2-2409.  
Lexington, garden cot, comb LR/BR, K, B, pking avail, \$90/mo semi-furn. Ext 2449.  
New Hampshire lake property for sale. Ext 6458.  
Somerville, 4-rm apt, furn, heated, \$110/mo, Feb '66-Feb '67. Ext 2668 or 625-5459.  
Stoughton, 3 BR ranch, lg level lot, dead end st, fin playrm, comb doors & windows, cera-mic B, many extras. Call owner, 344-4474 Stoughton or Larry, ext 2473.  
Waltham, Trapelo Rd, 4 BR gambrel, 2 new B, newly painted. Mr. Akillian, 894-6650.  
Watertown, 6 rm apt, avail Feb 1, '66. Comp furn for sale. Vrehen, ext 5596 or 923-8807.  
W. Medford, overlooking Mystic Lakes, spac 3 BR, 1 1/2 B, C.E. colonial, immed occup, upper 20's. Call ext 5432 or 648-2301.
- Wanted: tall wall mirror, cheap or free. Ext 5391.  
Swiss girl wants to share home w/girl in 20's in Brookline, near MBTA. Call 232-7545.  
Wanted: female rmmate for mod apt nr Harv Sq. Call 547-2146 evgs.  
Wanted: man's and woman's bicycles. G. Rogoff, ext 2553 or 868-4190.  
Mother of one child will take care of your baby in her home. Call 646-0647.  
Wanted: slide proj, LaBell or other non-cart model. Ext 7357 Linc.  
Two girls wish conversational Spanish lessons. Ext 6014.  
Wanted: babysitter for 4 mos old child, Tues and Mon or Fri p.m.'s. AL 4-8205.  
Wanted: male rmmate to share apt w/2 others, 3 BR, lg LR, Belmont, 15-20 min from MIT, approx \$55-60/mo incl utils & pking. George, ext 4430 or 489-0547 evgs.  
Roommate wanted to share Camb apt w/young woman & child, \$60. KI 7-3411 evgs.  
Swap West gar sticker for East lot or East gar. Mr. Benton, ext 6051.  
Wanted: female rmmate for lux apt in Brighton, own BR. Call ext 5411.  
Wanted: woodburning kitchen or railroad stove. Ext 2250.  
Wanted: female rmmate for 6 1/2 rm apt in Camb, \$75/mo incl utils. Sandy, 491-2188 evgs.  
Wanted: male rmmate to share 3 rm furn apt nr Central Sq for second term, \$56/mo with utils. Jim, ext 7177.  
Responsible young mother will care for child in her Belmont home. IV 9-0419.  
Wanted: female rmmate to share attrac Back Bay apt w/3 others, 20 min from MIT, \$50/mo. Alice, ext 5495 or CO 6-5529 evgs.  
Wanted: riders to Linc from Watertown-Waltham line area, 8-4:30. Ext 3250 Linc.  
Babysitter avail, exp and reliable, evgs & weekends. Miss Benson, ext 2211 or 262-0790 evgs.

Tech Talk is published every two weeks. Send news and ads to Miss Miller, Room 5-211, Ext. 2701. Next deadline: Nov. 5.