digital MAYNARD

DIGITAL THIS WEEK



Volume 12, Number 9 May 20, 1985

Digital introduces MicroVAX II, industry's most powerful supermicro

Digital announced two powerful new additions to its popular VAX family of computers, the MicroVAX II and VAXstation II at a press conference held last week at The Computer Museum in Boston.

- MicroVAX II, the industry's most powerful supermicrocomputer system is priced under \$20,000 and is available for immediate delivery. Shipments of larger versions, accommodating up to 16 users, will begin this summer at prices ranging up to \$43,780.
- VAXstation II, a high-performance graphics workstation for technical and professional users is priced from \$26,500. It is the most powerful workstation in its price range, and will be available in July.

The heart of both new systems is the revolutionary "VAX-on-a-chip," which has the highest level of functionality of any 32-bit processor in the industry. It was designed and fabricated by Digital's VLSI group in Hudson, Mass.

At the same time, the company also announced three related products:

- CD Reader, the industry's first comme cially available, compact read-only opt cal disc system from a major computer maker that makes possible quantum reductions in electronic publishing costs. It is priced at \$2,195 and volume deliveries will begin in July.
- Two new peripherals: the 95 MB TK50, a high capacity streaming cartridge tape subsystem priced at \$3,490 uses ½-inch CompacTape cartridges, and the RD53, a 71 MB Winchester disk drive, priced at \$3,350.

Digital president Ken Olsen told the gathering of more than 150 press representatives and securities analysts that "MicroVAX II is certainly the most exciting and, in many ways, the most significant product Digital has ever developed. It represents, not the end of an investment stream, as some have suggested, but rather the beginning of a whole new wave of computing. We think this machine will truly change the way the world does computing," he said.

"The introduction of the VAX 8600 computer last fall gave us a very large, high per-Continued on page 4



Ken Olsen, president, checks out a MicroVAX II terminal during last week's product announcement at The Computer Museum in Boston.

The Wonder of technology

Popular musician Stevie Wonder came to a Digital-sponsored event in Boston a few weeks ago to demonstrate what voice-synthesis technology can do for handicapped individuals

The idea for the educational seminar was initiated by the management and employees from Digital's Metro Boston District sales office in coordination with a variety of corporate and field resources, including the San Francisco district. The format also included 28 community groups such as customers, medical, educational, business and non-profit organizations.

At the seminar Stevie showed how he uses DECtalk, Digital's text-to-speech system, to read the visual display on his musical synthesizer back to him after he has plugged in commands. The DECtalk Engineering group worked extensively with Stevie's engineers to develop the hardware and software



Musician Stevie Wonder addressed the importance of voice synthesis technology at an educational seminar sponsored recently by Digital

Continued on page 12

Guidelines distributed on worldwide use of new stationery

A booklet describing Digital's new corporate stationery design and specific guidelines for worldwide use of the stationery has been distributed to all cost center and purchasing managers throughout the company.

As part of the implementation process for using the new stationery, cost center managers are reminded that they are responsible for insuring that existing stationery supplies are used before new supplies are ordered.

In addition, the old stationery design should not be reordered but intermixed with the new design for internal use only until the phase-in period is completed.

For more information, contact David Comberg at DTN 223-5679 in the Graphic Design Department at mailstop MLO8-2/L13 or call Bill Middlebrooks in Purchasing at DTN 234-4571.

Digital to sponsor 10 mile Run for Women

Corporate Community Relations has awarded a cash grant for the sponsorship of the Sudbury Summer Swing - 10 Mile Run for Women hosted by the Greater Boston Track Club. The race date is scheduled for Sunday, June 16, at 9 a.m. and will start from the Fairbank School in Sudbury, Mass.

The race will feature cash prizes for the top three finishers in individual and club categories. Additionally, merchandise prizes will be awarded to the other top finishers (4-10) and the winners in four age categories and the first Digital employee to finish.

All money raised will be contributed to the Boston Track Club and will be distributed as scholarships and training money for the Greater Boston Athletic Development Fund.

Applications are available at most Digital facilities or can be obtained by calling the Greater Boston Track Club at (617) 969-9808. Pre-registration entry fee is \$6. Teeshirts will be given to the first 200 to register.

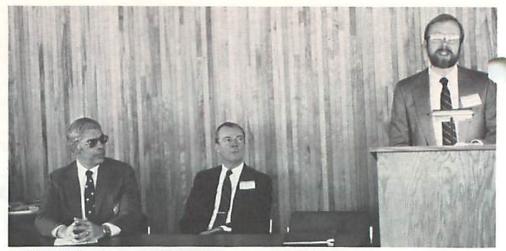
DIGITAL THIS WEEK



Editor: Jane Littlejohn

Send stories, photos, ideas or suggestions to DTW, CFO2-3/K23 or call the editor at DTN 251-1307. Ads must be submitted in writing to Marketplace, CFO2-3/K23. Please direct all Marketplace inquiries to DTN 251-1308.

Digital This Week is published every other week by the Corporate Employee Communication department of Digital Equipment Corportion for the Employees in the Greater Maynard area.



(right) Sam Fuller, vice president, Corporate Research and Architecture, commented on Digital's participation in Harvard Law School's Project PERICLES during a press conference held recently at the school. (I-r) Digital's Jack McCredie, director of External Research Programs, and Win Hindle, vice president, Corporate Operations.

Harvard Law School and Digital plan major legal assistance research program

The Harvard Law School and Digital have announced plans for a major research program to improve delivery of legal services to low income clients through the innovative use of advanced computer technology.

Known as Project PERICLES - Program for Education, Research and Instruction in Computerized Legal Services - the program will assist legal service lawyers in handling cases for low income households on civil matters such as housing, family problems, federal and state benefits, and immigration.

The announcement was made by James Vorenberg, dean of the Harvard Law School, and Digital's Sam Fuller, vice president, Research and Architecture, at a press conference at the Law School.

"We welcome the opportunity to undertake this project, particularly since we expect that it will open new approaches to the clinical training we have pledged to make available to all of our students. Students will play an important role in developing the project, and will be better prepared to serve those who need and cannot afford a lawyer," Dean Vorenberg said.

Digital has committed more than \$2 million in hardware, software, technical support and personnel to the project. The Law School will seek to raise funds from other sources to extend the program beyond the initial four years.

Commenting on Digital's participation in Project PERICLES, Sam said, "Digital is particularly pleased to be a partner with Harvard in the PERICLES project. We have a strong, long-term commitment to supporting university research that pushes the known limits of computing, PERICLES is an excellent example of focusing research on the innovative application of new computing techniques to an important service, legal counseling."

A VAX-11/785 computer system will be networked to Legal Services offices and law schools throughout the United States and other countries to coordinate communications and relevant legal information. Rainbow personal computers and MicroVAX workstations provided by Digital will also be used for computer-based interviewing, to help ensure the production of systematic case files, and for the generation of legal documents. In addition, artificial intelligence tools and techniques will be used to study lawyer reasoning and to provide computerized legal expertise. The project will also explore the application of IVIS, Interactive Video Information System, to provide computer-assisted legal instruction to lawyers, paralegals and student assistants.

PERICLES will be directed by a steering committee of four Law School professors, including Donald T. Trautman, chairman, Robert Clark, Oliver Goldman and Gary Bellow. Bellow, also the founder of the Legal Services Center in Jamaica Plain, Mass. said, "Project PERICLES is a major step in overcoming the inability of millions of Americans to have access to low-cost, efficient and effective legal service."

According to Trautman, the computer component of the project will enable many routine legal services to be performed more efficiently and at a lower cost. Some tasks usually requiring the attention of a supervising attorney may be eliminated, delegated or systematized so that an attorney can devote more time to a greater number of clients and their cases.

The Center for Computer-Assisted Legal Instruction, a group of over 50 American and Canadian law schools, was founded over two years ago by the Minnesota and Harvard Law Schools to promote the use of computers in the teaching of law, is collaborating with Harvard Law School on Project PERICLES.

Harvard Law School, the oldest law school in the United States is, with 1800 students, also the largest. ■

Digital begins transition to picture badges

Digital has begun a transition to picture badges for employees in organizations and icilities which have a business need for this level of security. The decision to change Digital's longtime badge system was made after careful consideration of business and asset-retention issues facing the company and its customers.

In this highly competitive industry, the need to protect proprietary information, products and processes is felt by Digital as well as its customers. Employees in the Field have reported numerous instances where customers have refused to accept a Digital badge as positive identification for entry. Today's industry standard calls for photo-



Ray Humphrey, Corporate Security director, poses for his picture badge.

graphic employee badges, similar to those used for state motor vehicle licenses. In particular, government contractors, the banking community, and customers who need personal computers serviced in their homes are sensitive to the need for a tighter identification system. Some states have even passed laws which prohibit a person from entering another person's home to deliver, install or service a product without photographic identification.

'The marketplace now demands a more positive means of employee identification,' says Ray Humphrey, Corporate Security director. "Coincidentally, this changeover, driven by business requirements, will also assist in providing a more disciplined approach to the protection of our valued resources -- our people, our information and our products. The existing badge has become an uncontrolled collector's item, with both current and former employees possessing numerous copies. Employees from across the corporation have recognized the need for a more efficient and effective identification system and have verbalized their concerns throughout the past year.'

The new gray-and-white employee identification badge will feature a color photograph of the employee. In addition to the employee's name and badge number on the front, each badge will include the individual's signature, issuing site and issuance date on the back.

The entire U.S. Field population is making the transition to picture badges during May and June. Other functions and facilities which have a business need are beginning their planning process. The program was piloted in New Hampshire last summer and fall, when more than 4,000 Merrimack area employees received picture badges.

M.I.T., Digital present symposium

The organizational and managerial changes that businesses must make to take full advantage of the new generation of ultra-powerful computers now under development was the subject of a symposium held recently at the Massachusetts Institute of Technology.

The symposium, "Managing the Transition to the Fifth Generation," was presented by the M.I.T. Industrial Liaison Program in conjunction with the Sloan School of Management and Digital. Symposium chairman Gerhard Friedrich was from Digital's Artificial Intelligence Technology Center.

The words "fifth generation" refer to both the major Japanese initiative in information technology and, in a more general sense, to long-range computer research in artificial intelligence.

Experts at the Sloan School believe that advances in computers and artificial intelligence systems will lead to changes as profound as those brought on by the Industrial Revolution.

Digital to underwrite 'Evening at Pops' concert series

For the fifth consecutive year, Digital is funding the Evening At Pops concert series which is produced for PBS by WGBH Boston and Boston Symphony Orchestra, Inc. Evening at Pops will be broadcast nationally by PBS on Sundays at 8 p.m. commencing on July 14. Check local area PBS schedule for broadcast dates and times.

In its centennial year celebration under the direction of conductor John Williams, the Boston Pops Orchestra will present an array of guests including flutist James Galway, singer Cleo Laine, jazz musician John Dankworth, duo pianists Katia and Marielle Lebeque, cellist Yo-Yo-Ma, and the Big Apple Circus, a New York based, European style one-ring circus.

The Pop's season finale will be broadcast from the White House esplanade, complete with a fireworks display, to commemorate the Pops centennial year. Additional performances this season will include singer Sarah Vaughan and trumpeter Wynton Marsales, popular singers Steve Lawrence and Edie Gorme, vocal group The Manhatten Transfer, song stylist Tony Bennett, and operatic soprano Jessye Norman, as well as a special tribute to former Pops conductor Arthur Fiedler.

Corporate Community Relations views Digital's national underwriting of Evening at Pops as a major commitment for the company that brings cultural enjoyment and enrichment to employees, their families and to communities throughout the United States.

Digital continues interest in Acton Summer School

In its eleventh year, the Acton Summer School program continues to offer students a wide variety of remedial and enrichment courses with an emphasis on math and science. Digital has had a continued interest in the program since many employees in the Greater Maynard Area have children in grades seven through 12 who participate.

In addition, this year Acton-Boxborough Regional High School has been chosen as the host site for a Math/English/Science/-Technology Education Project (MESTEP) being offered in cooperation with the School of Education at UMass-Amherst. This project encourages students with undergraduate degrees in natural sciences, mathematics and English to pursue careers such as math, cience or English teachers. Students selected for the project participate as student interns assisting teachers in the Summer School classes. This year and last, Digital has participated as the major industrial

sponsor of the project.

According to George Frost, director of the Summer School program at Acton-Boxborough Regional High School, "This joint venture between the high tech industry, the university and public school system is unique in that it is a creative solution to the growing need for math, science and English teachers. Digital is highly committed in its effort to kindle an interest in public education. The MESTEP program offers a new dimension to Summer School offerings in Acton and strengthens those offerings."

"The inclusion of this facet to the Summer School program will greatly enhance student-teacher ratios, and enable us to offer a much wider range of courses," said George.

The Summer School program runs from June 28 to August 9. Employees interested in a course listing or information on how to register their children, should call George Frost at 617-264-4700 ext. 5934.

Upcoming Employee Services and Recreation programs

For further information and order forms for the programs listed below, employees should contact their site employee services and recreation department.

Procedures to follow when registering:

- Enclose a self-addressed, stamped business size envelope.
- Use correct order forms which are available through your site's employee services and recreation department.
- Make out separate checks for each program you register for.
- Make checks payable to the specified group.

Washington, D.C.

When: July 4 - 7

(Independence Day Weekend)

Trip includes:

- Round-trip transportation
- Light refreshments served en route
- Pre-registration at the hotel
- Accomodations for three nights at the delightful Gramery Hotel
- Three full American breakfasts
- Two Dinners
- Two days of extensive sightseeing in Washington, D.C.
- Services of Tour escort

Cost per person: \$209, plus 15 percent tax and service charge

Reservations must be paid in full by no later than June 4.

Digital contributes to PBS auctions

For the past three years, Digital has donated personal computer systems to public broadcasting stations across the country to be used as items for their annual fundraising auctions.

This year Digital has donated DECmate II systems valued at \$10,340 to 28 PBS auctions. Local Digital Business Center representatives are actively involved with the local PBS station managers in the festivities of the 28 auctions.

Digital's support of the Public Broadcasting System's fundraising efforts helps to insure their success and the continued development of quality national and local programming. The company's support of the PBS enhances its commitment to provide cultural enrichment for Digital's employees and their families. Employees continue to demonstrate their support of the PBS through their donations and utilization of the Digital Matching Gifts Program.

Digital receives Industry Distinguished Service Award

Digital has been named a recipient of the Electronic Industries Foundation (EIF) / Project with Industry Distinguished Service Award for 1985.

The company is receiving the award as a result of its exceptional contributions to the success of the EIF Project with Industry Program in Massachusetts (MPWI,Inc.).

Woods Hole, Martha's Vineyard and Nantucket Steamship Authority

Employees and their family can ride the ferry to Martha's Vineyard or Nantucket Island at discount prices. From April 12 to October 14, 1985 the Steamship Authority is offering employees round-trip routes:

Woods Hole to Martha's Vineyard Adults - \$6

Children - (Ages 5-15) - \$3.00 Woods Hole or Hyannis to Nantucket Island

Adults - \$12.80

Children (Ages 5-15) - \$6.40

Children under the age of five are not charged. In order to qualify for this discount, employees must obtain the special discount coupon which is available through their site's employee services and recreation department. This discount is not available through mail order purchases to the Steamship Authority. The coupon MUST be presented at the time of ticket purchase in order to receive the discount. Digital badges will not be accepted as substitutes.

This discount does not apply to one-way ticket purchases, nor does it apply to vehicle fares.

Plymouth County Discounts

Just for the fun of it...spend a week or a weekend in Plymouth County, a popular destination for thrifty visitors since 1620. Special employee discounts are available now for various special attractions in Plymouth County.

Discount coupons are available for:

Plimouth Plantation
Plymouth Harbor Tours
Plymouth National Wax Museum
Cranberry World Visitors Center
Pilgrim Hall Museum
Captain John Boats
Cape Cod Princess
A & D Toy-Train Village Museum

Old Sturbridge Village

Enjoy a country outing with your family on 200 acres where early 19th century New England comes alive. With the presentation of our special discount admission coupon at Sturbridge Village, the bearer is entitled to one dollar off the regular price of an adult admission. Employee must also present their company identification badge to be eligible for the discount. This does not apply to anyone under the age of 16.

MicroVAX II . . .

Continued from page 1

formance system at the high end which permits the building of VAXclusters as powerful as the largest mainframes. The newest VAX computers, MicroVAX II and VAXstation II, extend the power and versatility of the VAX/VMS environment to small departments, project teams and individual desktops at dramatically lower cost. Now, for the first time, users can put large-system performance and functionality in places where, until now, the cost was prohibitive," Ken said.

"Digital can now deliver something that no one else in the industry can provide: a truly integrated environment that encompasses personal computers and workstations, departmental systems and large, high performance systems, all designed within the same VAX architecture and VMS software system; all able to run any of thousands of VAX applications; and all running on Ethernet, with any computer capable of being linked to any other, including IBM's—all working together through common local and global network communications."

"These newest VAX computers have already been accepted enthusiastically by our current field-test customers and we expect that they will provide significant new market opportunities, particularly for original equipment manufacturers and system integrators," Ken said.

Revolutionary MicroVAX Chips

Depending on the application, the new single chip processor and matching floating-point chip average 90 percent of the raw CPU power of Digital's powerful VAX-

11/780 CPU, widely acknowledged as the industry standard for 32-bit performance. At the system level, MicroVAX II is optimized to provide powerful resources in computer-intensive environments, though it supports fewer users than a VAX-11/780 system. The new system provides users with new levels of performance at lower cost per user. Digital's new floating-point chip provides performance up to 6 times faster than competitive chip sets.

Complete software set

MicroVAX II provides a full set of VAX operating system and software environments. MicroVMS, the VMS operating system package for MircoVAX, supports sophisticated multitasking, multiuser applications in commercial and technical environments. MicroVMS supports the full complement of advanced VMS programming languages. development tools and utilities, and data management tools. Users requiring a generic operating environment may choose ULTRIX-32m, Digital's enhanced, fully supported UNIX[®] software for MicroVAX. VAX-ELN, the high speed, real-time dedicated applications environment, completes the software set.

Programs written on larger VAX computers can be run on MicroVAX II systems or vice versa without recompiling or relinking. This full program compatibility enables users to choose from several thousand VAX application programs for their MicroVAX and VAXstation II systems.

UNIX is a trademark of AT&T Bell Laboratories.

THE MARKETPLACE



PPLIANCES

- REFRIGERATOR, Whirlpool 17.2 cu ft, almond, 2-3yr old, must be picked up. \$400, Leslie, 275-6391
- REFRIGERATOR, Welbilt, \$300; ELEC STOVE, Hotpoint, \$275; WASHER, \$200, all 4 yrs old Steven, 247-2474
- MICROWAVE OVEN, Tappan, 12"x12"x8", defrost/cooking 0-28 min, \$100, Eric, 262-8357
- FREEZER.energy-saver.13 cu ft.upright.used one year.A-1 cond.\$250.B/0.Barbara.251-1473
- REFRIGERATOR, Frigidaire, white, self-defrost, runs good, looks great, \$75, Leslie, 231-6747
- ELECTRIC STOVE/OVEN.brown.self-clean.good cond. \$100.Neii.247-2975
- AIR CONDITIONER,GE 5800 BTU,5 years old, good condition,\$75,Li,231-7871
- DISHWASHER, Kenmore, portable, can also be built in, white w/butcher block top, \$150, Greg, 292-2590
- REFRIGERATOR.G.E., 17.6 cu ft,2yrs old,used 1 yr, white, \$300.B/O.Linda,257-1213
- FREEZER, NAT-PAC comm., 20 cu ft, upright w/safety light+lock, white, new. \$1000, B/O. Carol. 221-5883
- REFRIGERATOR, Westinghse, 13cuft, gold, \$180; FREEZER, Sears. 21cuft.upright, white, \$200, Mike, 257-1169
- AIR CONDITIONER, Sears, 5000 BTU, 110 volts, vintage 1975, seldom used, \$100. Tom, 288-6957
- SEWING MACHINE, Sears Kenmore zig-zag, automatic buttonholer in cabinet, \$75, Joan, 292-2505

CARS

- j DATSUN 280ZX.silver metallic.well maintained. s6700,B/O.Randy.229-6064
- '80 JAGUAR XJ6 4.2, blue, leather int, 4 new tires, spoke wheels, exc cond, 69Kmi, \$16K, Theresa, 237-3012
- '84 DODGE DAYTONA,5spd,AM/FM,booster,AC,low mi, exc cond,\$9300,B/0,Steve,223-2857
- '80 CHEVY CITATION 4dr.htchbck,std.AC,PB,PS,roof rack.gd cond.hi mileage.\$1200,Fred.237-3051
- VOLVO 265DL wagon, exc cond, 6cyl, PS, PB, AC, leather interior, like new, \$4500, Don, 278-4411
- '84 ALFA ROMEO Spider Veloce.brand new 20Kmi.exc cond.relocating.must sell ASAP.Dolly.223-4249
- '78 DATSUN 620 P.U., runs well, new radials, new mflr+rear brakes, cap, \$1695, B/O, Theresa, 292-2250
- '79 TOYOTA COROLLA,blue,2dr,auto,69Kmi,no rust, runs great,1 owner,\$3000,B/O,Roger,231-5136
- '82 AUDI 4000,5spd,new eng,AC,AM/FMcass,2dr,cc,alloy whis.exc cond,\$8400,Ralph,283-7642
- '77 DODGE COLT wagon,5spd,rustproof,AC,87Kmi, \$1200,B/O,Erick,225-6945
- '81 FORD ESCORT wgn,SS option,4spd,AM/FMcass, r/w dfg/wpr,asking \$2475,Lynne,223-5935
- '84 JEEP CJ-7 Renegade w/hardtop,5spd,6cyl, AM/FM,exc cond,\$8700,Patrice,225-5282
- '65 IMPALA SS, straight, solid Calif.car, auto, AC, PS, runs perfect, \$3750, Lisa, 251-1481
- '77 DATSUN 810 wgn.tan.rfrck.AM/FM.PS.92Kmi.AC. _r/w dfg..new tires.brakes.\$3300.B/O.Bob.236-2787
- 3 FORD Fiesta Sport, 4spd, AM/FM, exc cond, orig
- '82 HONDA ACCORD LX htchbk,5spd,1t blue w/velour int,AC,PS,PB,70Kmi,exc cond,\$6000,Norma,236-2307
- '77 FORD GRANADA,2dr,6cyl,79Kmi,gd cond,original owner,\$2000,Joe,231-5072

- '81 FORD GRANADA GLX Puff, loaded w/options, 49.500mi.\$4750.B/O.Darrel.282-2375
- '82 FORD F-150 TRUCK,black,3spd,8'bed,51Kmi, exc cond,\$4200,Steve,223-3997
- '79 SUBARU wgn,sunrf,new radials,almost new brakes+shocks.gd cond,\$2000,Brian,278-4000
- '81 GRENADA, V8, 2dr, auto, PS, PB, AM/FM, gray, exc cond, 47Kmi, \$4600, Fred, 229-6723
- '77 VOLVO 242DL.4spd std.AM/FMcass.gd rning cond. yellow.new paint.no rust.\$3600.B/O.Dave.236-2620
- '82 RENAULT LECAR, 4spd, htchbk, 43Kmi, red, exc cond, \$2700, Tom, 223-2776
- '76 FORD LTD country squire,9-pass,AC,AM/FM,vy gd cond,runs well,\$1800,B/0,Abe,223-6136
- DATSUN 210 SL wgn,deluxe int,sunrf,rstprf,vy clean,runs exc.\$3800,B/O,Dennis,223-5709
- '83 RENAULT ALLIANCE, DL, 4dr, 17Kmi, 35mpg, 5spd, AM/FM, r/w dfg, exc cond, \$5800, B/O, Dave, 242-2401
- '84 OLDSMOBILE Cutlass Supreme, AM/FM w/pwr ant, AC, white w/blue vel int, \$9500, Lisa, 225-6227
- '84 SUBARU DL.mint cond.AM/FMrad.5spd.2position sun roon.15Kmi.r/w dfg.Devorah.221-5405
- 174 VW SUN BUG,gd cond, single owner, new heater boxes, \$1100, B/O, Pat, 245-5260
- '80 SUBARU coupe, 5spd, 4cyl, AM/FMcass, gray, exccond, new brakes, 72Kmi, \$3500, B/O, Paul, 285-6249
- '81 DODGE ARIES, 4spd, red, AM/FM, 50Kmi, exc cond, good tires, rustproof, \$3500, Celeste, 223-8441
- '77 TOYOTA Pickup truck, SR5, longbed, with cap. 64Kmi, \$2300, Ginny, 231-4073
- '83 BERLINETTA, all the extras, new tires, orig owner, exc cond, must sell, \$10,500, Ken, 269-1123
- '76 PONTIAC GRAND PRIX LJ.V8 400 4bbl,AC,PS,PB, PW+locks,PS,AM/FM,\$1000,Roger,229-6055
- '79 VOLVO.4spd.2dr.AM/FMstereo.extras.no rust. exc cond.\$5500.Linda.288-6557
- '82 DODGE CHARGER 2.2,blck/red,4spd,AM/FMcass, sunrf,R.D,RustyJ,\$4200,B/O,Chuck,223-7494
- '78 OLDS 88 ROYALE, V6, 4dr, AM/FM, PB, PS, 75Kmi, mint cond, \$3000, B/O, George, 223-6967
- '80 PONTIAC PHOENIX, 4spd, 4dr, htchbk, 6cyl, 75Kmi, gd cond, \$2000, B/O, Karen, 258-4130
- '76 OLDSMOBILE CUTLASS, 96Kmi, new AM/FMcass, radials, runs gd, \$1600, B/O, Dave, 223-8573
- '77 DATSUN B210 htchbk, 4spd,hi mi,new batt, clutch,tires,exh,alt,\$750, Mike, 288-7726
- '74 CHEVY VEGA, 6eyl, auto, 87Kmi, runs good, \$350, B/O, Shiya, 223-4242
- '70 SAAB,4spd.AM/FM.new muffler.just tuned, no rust.exc cond.\$700.B/O.Bill.269-2424
- '81 DATSUN 310GX,4spd,AM/FMcass,sunrf,\$3400, B/O.Lauren,247-2604
- '77 PONTIAC ASTRE,2dr coupe,light blue,\$700, B/O,Diana,275-6300
- '72 VW SUPER BEETLE, standard, white, exc cond, \$775, B/O, Linda, 275-6300
- '82 HONDA CB750 Custom, bought new in '84, lug. rack, Ferring, 5500Kmi, \$2000, B/O, Corinne, 289-1142
- '79 FORD MUSTANG htchbk, 4spd, 4cyl, AM/FM, 1t.blue, new exh, rads, gd cond, \$2100, Susan, 285-6247
- '80 DATSUN 280ZX,5spd,red,76Kmi,runs gd,clean inside and out,\$5900,Bob,231-4036
- '82 SUBARU DL 4x4 wagon,orig owner.vy gd cond, 67Kmi, RustyJ, 4spd, \$4500, Colleen, 225-4849

- '82 PONTIAC FIREBIRD, red/blck int, V6 std. 4spd.
 T-rf, PS, AC, AM/FMcass, garaged, \$7500, Noia, 234-4448
- '83 AUDI 4000 4E,2dr,5spd,AM/FMcass,AC,22Kmi, Kaye,278-4257
- '83 CUTLASS Supreme, red, V6, PS, PB, AC, PS, PW, AM/FM cass, rustprf, 17Kmi, exc cond, \$9950, Dan, 225-4279
- '77 INT'L SCOUT, 4x4, V8, AC, AM/FMcass, 3spd.96Kmi, new exh.\$2000, B/O, Diane, 234-4876
- '82 FORD ESCORT.htchbk, 4spd,rustproof,AH/FMcass,37Kmi,60K trans.warranty,\$3700,Paula,223-6479
- '84 PONTIAC TRANS AM, loaded, AC, AM/FMcass, T-roof, rw/dfg, blue/grey int, 10Kmi, \$15300, Angela, 223-5790
- '77 CHEVY MALIBU, 4dr, auto, V8, PS, PB, 73Kmi, orig owner, \$1500, Betsy, 233-5942
- '82 CHEVY CAVALIER, 2-tone blue, full opt, type 41, exc cond, 1 owner, \$11500 new, \$6000, Ralph, 223-4649
- '81 CHEVY MONTE CARLO, 3.8 liter, 2bb1, V6, auto, PS, PB, AM/FM, 14Kmi, exc cond, \$8700, Bill, 223-3151
- '84 CUTLASS SUPREME, sable brwn int+ext,tlt whl, AC, stereo,cc,13Kmi, must sell,Linda,223-5366
- '80 CHEYY MONZA, V6, auto, V6, dk blue, PS, PB, AM/FM AC, rw/dfg, 50Kmi, gd cond, \$2800, Bill, 223-2275
- '77 CHEVY MONTE CARLO landau, PS, PB, FMstereo, new alt, 72Kmi, gd cond, \$2300, B/O, Paul, 223-7461
- '77 280Z,6cyl,4spd,perf cond,new brakes,batt, alt,exh,AM/FM,any reas.offer,Kristen,235-3670
- '78 DATSUN B210,2dr sedan,std,red w/blk int,gd cond,\$1200,Ron,231-7123
- '83 Datsun 280ZX,auto,T-roof,all extras,19Kmi, exc cond,\$13500,Anne,231-7384
- '78 PONTIAC Sunbird htehbk,auto, V6, AC, AM/FM,gd cond,no rust, 68Kmi, \$2500, B/O, Kim, 225-5185
- '82 VW RABBIT, 4dr, auto, 33Kmi, AM/FMcass, 1 owner, Chapman lock, exc cond, \$4500, B/O, Kathy, 231-6683
- '81 RENAULT 18I,silver,5spd,FMstereo,45Kmi, \$2800,Ralph,223-2376
- '79 PLYMOUTH Sapporo,5spd,AM/FMcass,alarm sys, immaculate inside+out,57Kmi,\$3500,Bill,223-2532
- '82 FORD ESCORT L.4dr,5spd,AM/FMcass,rw/dfg, 40Kmi,grey/red int,exc cond,\$3500,Larry,251-1332
- '84 DATSUN 200 SX,silver,4cyl,auto,XL Dig PKG, AM/FMcass,moonrf,loaded,\$9500,B/O,Mike,223-5100
- '70 CORVETTE.350.300HP std coupe.black/tan int. PS.PB.AC.PW.TS.exc cond.\$8500.Tom.225-4224 '78 VOLVO 242DL.2dr.4cyl.gd cond.can be seen in
- NH, \$2900, Felix, 231-7778

 '79 DATSUN 210 sedan, 50Kmi, 5spd, exc cond, Jeff,
- '80 DATSUN 210 SL, htchbk, auto, red, AM/FM, all weather rads, 68Kmi.exc cond. \$2900, Anita, 223-5898
- '75 BHW 2002,mint green,AC,sunrf,AM/FMcass,no rust,exc cond,must sell,Mike,231-4166
- '83 VW GTI,35Kmi,stereo,exe cond,\$6400, Ira,223-7424

237-3120

- '83 FUEGO,5spd,gold,AM/FM,35mpg,exc second car or student,45Kmi,will trade for 4x4,Ken,231-2484
- '81 HONDA CIVIC htchbk, 5spd, 1300CC, brwn/beige int, 53Kmi, AM/FM, mint cond, \$3200, Judie, 288-7477
- '69 FORD conv.classic.restored.351V8 eng.gd cond. new tires.\$1750,B/O,Geri.247-2102
- '73 VOLVO sta wgn, Model 145, auto, new brakes, tire, 150Kmi, exc cond, \$995, Solomon, 284-3257

- '83 MERCURY COUGAR, white, AC, PB, PS, rw/dfst, sunrf, Chapman, AM/FM, rstprf, 42Kmi, \$7500, Ofer, 276-8238
- '81 HONDA ACCORD LX htchbk,5spd,99Kmi,AC,stereo, exc cond,\$3000,Ira,223-7424
- '78 TOYOTA SR5 htchbk,5spd,AM/FM,new brakes,some rust.\$1400.James.223-3253
- '79 HONDA CIVIC 1200,30+mpg.AM/FMstereo w/equal, 80Kmi.runs great,\$1750,Jeff,288-6256
- '79 VW DASHER.4dr.AC.rw/dfg.AM/FM.needs some work.\$900.B/O.Mike.282-2078
- '82 W RABBIT LS,4dr,4spd,diesel,44mpg,AC,AM/FM, 54Kmi,exc cond,\$4750,Fred,231-6134
- '82 FORD MUSTANG, std, 4cyl, dk blue/lt blue int, 50Kmi, gd cond, \$2995, Liz, 223-6321
- '82 HONDA PRELUDE, red, 5spd, AM/FMcass, moonrf, AC, lug rack, 63Kmi, exc cond, \$7000, Marcel, 236-2592
- '80 MERCURY CAPRI,6cyl,4spd,PS,PB,new exh,rw/dfg, AM/FMcass,alpine spkrs,\$3500,B/O,Marla,288-7461
- '74 FORD PINTO runabout,auto,42Kmi.one owner.runa exc.some ruat.\$300.Jim.223-5903
- '84 FORD ESCORT GL, htchbk, 27Kmi, 4cyl, fr whl dr, slight body damage, AM/FM, \$5000, Carolyn, 249-4296
- VW RABBIT, Wolfsburg, 2dr, 5spd, AC, S/R, rustproof, fuel injexc cond, \$6800, Bruce, 269-2359
- '82 CHEVY MONTE CARLO,2dr,auto,AC,AM/FM,PL,PW,snows.low mi,\$6200,Pat,221-5399
- '81 DATSUN 210,2dr,brwm.5spd,AM/FM,AC.rstprf,rw/ dfg,all weather rads.\$2895,Bichard.225-6467
- '74 PONTIAC LEMANS.sport coupe.2dr.sunrf.PS.PB. auto.exc running cond.\$1200.Sharon.223-7609
- '82 DATSUN truck D1X,45Kmi,radials,well maint, gd cond,must sell,\$4800,B/O,Neal,231-4547
- '79 TOYOTA CELICA GT.2dr lftbk,5spd,sunrf,AH/FM, extra snows.gd shape.hi mi.\$3000,B/0,Jim.223-7765
- '81 COROLLA SR5 htchbk,PS,PB,AC,AM/FMcass,sunrf, 35Kmi,exc cond,\$4695,A1,231-5687
- '77 VW RABBIT.2dr.4spd.AM/FMcass.green.78Kmi.exc cond.reliable car.\$1350.Nancy.282-2442
- '77 AMC GREMLIN.auto.6cyl.80Kmi.new rads+mflr.gd cond.\$1200.Jean.259-3851
- '75 PLYMOUTH DUSTER.exc mech.reliable.new brakes tires.shocks.well maint.\$950.Brian.237-3086
- '78 TURBO SAAB,exc cond,no rust,new B-Punkt, AM/FMcass,sunrf,rw/dfg.\$3800,Hhairi,231-5531
- '84 TOYOTA CELICA GT cpe,auto,AC,all Toyota cptions except sunrf,Connie,283-7429
- '80 SUBARU DL,5apd,white,AM/FMcass,sunrf,lug rk, frt whl dr,rw/dfg,exc cond,\$3850,Lisa,231-7465
- '76 DODGE ASPEN SE,2dr,auto,PS,PB,AC,rw/dfg,gd tires,needs rear end,\$375,B/O,Debby,247-3369
- '79 DATSUN 210,blue,great cond.one owner.new carb+exh,\$2200,B/O,Janet,223-9780
- '82 NISSAN SENTRA, htchbk, 5spd, PS, PB, XE pkg, tan, RustyJ, 58Kmi, \$4875, Don, 275-6368
- '75 BHW 2002,90Kml,alloy wheels,snows.dk blue, exc cond,\$4000,Sara,223-4549
- '82 HONA CIVIC 1500CC htchbk,red,5apd,AM/FMcass,AC,ratprf,63Kmi,gd cond,\$4200,Annette,231-2564
- '77 CHEVY IMPALA 350, V8, hi mi, AM/FMcass, AC, no rust, gd cond, \$1500, Paul, 223-3491
- '76 TOYOTA COROLLA, 2dr, vy gd cond, dependable, 5spd, 1600CC, blue, rads, \$800, Karen, 225-4096
- '69 VOLVO 1455 wgn.for parts.rblt eng w/O mi, nice int.new.rblt parts.8850.B/O.Rich.262-8480
- '80 CHEVETTE htchbk, 4dr, 4spd, AM/FM, 67Kmi, gd tires, rw/dfg, exc cond, \$2400, Debbie, 231-7301

- '83 DODGE COLT,2dr,HB,4spd,30Km1,rustprf,\$3750, Chandaye,231-7088
- '79 AMC JEEP,CJ7 Renegade,6cyl,3spd,red/blue,new

FURNITURE

- TABLE,drop leaf,solid walnut,42"L 30"H 24"W, opens to oval shape 50",\$300,B/O,Kath,251-1576
- CHAIRS, solid oak antique, reglued, refinished, match solid walnut table, 4/\$400, B/O, Kath, 251-1576
- BEDROOM SET, Med. style, trpl dr w/mr, arm., 2 nt tbls q-sz hdbd, hex tbl, vgd cond, \$1000, B/O, Ken, 237-2149
- DINING BUFFET TABLE.exp,walnut,seats 10.ex cond. \$125;LOUNGE CHAIR,velvet.wh/or/gr.\$75,223-7244
- WATERBED, queen sz, motionless, heater, SM headboard, \$200, Michelle, 282-2008
- FURNITURE, 1r, dr, bdrm, lamps, drapes, kitchen goods, misc.items, must sell, Terry, 249-4375
- SOFA,90°,recliner,ottoman,camel,gd cond, \$250,8/0,Chris,247-3110
- CHAIRS, recliner, vy gd cond, vy comf, brwn/rust, avail immed, 2/\$200, \$125 each, Harold, 281-5724
- WATERBED,king sz,w/drwrs.custom.trple dr.mirror.chst.nite stnd;bed/\$750.set/\$1650.Bob.234-5031
- COMPUTER DESK, 30"x50" steel case, single pedestal, \$40, B/O, John, 273-3430
- DINING ROOM SET, trestle tbl, w/2 leafs, 6 chairs, (2 Capt), matching hutch, \$800, Susan, 251-1460
- COUCH, CHAIRS, TABLES, variety of gd quality living + dining room furniture, B/O, Randy, 251-1029
- TABLE, glass top with 6 brown chairs, chrome accent, \$400, Susan, 251-1460
- SOFA, Ethan Allen, gold tuxedo style, exc cond. \$600. Violet. 278-4020
- SOFA BED, queen sz,tan w/brown, exc cond, \$275, Hank, 223-7515
- SOFA SET, 3-pc, sofa, loveseat, chair, brown/rust, vy gd cond, \$175, Anand, 247-2263
- HOME ENT.UNIT, solid oak ven.holds stereo.TV. etc.fits corners/wall.\$150 firm.Marty.276-9686
- MATTRESSES,pair twin.ex-long.w/bx springs+legs, ex cond.\$120;full sz.just ok.\$25,John.283-7424
- BEDROOM SET, full sz bed, nite stand, chest drwrs, dresser w/large mirror, \$650, Radha, 249-4486
- TWIN BED, metal frame, mattress, 2nd frame in excond, \$50, Doug, 249-1382
- CHAIRS,6 oak fiddle-back antique chairs,\$330/set, Margaret,288-6876
- SOFA, traditional queen slpr, blue, 7'wide, high back, 3 throw pillows, B/O, Debby, 234-4254

MISCELLANEOUS

- CLARINET, w/case, hardly used, like new, exc-cond, \$175, Helen, 223-5012
- WEDDING GOWN, white, size 8-10, w/veil, \$125, Linda, 231-5668
- TV.Sylvania 25* console,\$200,B/O; AREA RUG, 10x12,blue,\$25,Joe,235-3355
- COLECOVISION, never used, with one game, \$65. Millio, 229-6243
- STEREO COMP.CABINET,Fischer,#RA-135,nv used,exc cond,\$80;STEREO CABINET,vy gd cond,Deb,231-5858
- COLOR TV.Sanyo 19".exc cond.\$200,Arnie.232-2258
- AIRPLANE,25% share in well-equipped C-35 Beechcraft Bonanza,\$4000,Bob,231-4694
- DIVING SUIT, med sz, black, 1/4*thick w/zippered slvs.hood+gloves.perf cond, \$135, Kathy, 225-5738
- MACRO-ZOOM LENS, Nikon Mnt, 80-205 MM, F4.5, Star D make, 9 coated elements, new cond, \$85, Bob, 237-3360

- DIAMOND EARRINGS, 1.25 carat total wght, high qual. w/certificate aval, \$1900, B/O, Mary Jane, 282-2086
- WEDDING DRESS, summer, Fink original, size 6, white, with veil, \$200, B/O, Hark, 251-1016
- TELEVISION, 19" RCA color w/stand, needs work, i for picking up, Doris, 234-4826
- BARBECUE PROPANE TANKS,(2),\$15 each,B/O, Jim,231-2312
- KITCHEN SINK, double stainless steel, vy gd cond, standard sz, \$20, Dick, 223-4583
- CHIMMEY SYSTEM, Amerivent dble insul.12'incl cap, wall brkts, chim tee+door, \$300, Judith, 223-1278
- WOOD STOVE, Jotul #602, airtight, w/decorative topstove pipe, exc cond, \$300, Judith, 223-1278
- PROM DRESS, full ligth, white, taffeta, size 6-7, spaghetti straps, worn once, \$65, Bill, 231-7864
- ROBIN VT180 w/4 drives,LA34 and software, George, 276-8569
- DEPRESSION set \$370; Besseler enlarger \$200; Chippendale chr \$150; Alpine cass dk \$300, Donna, 251-1239
- BUTCHER CHOPPING BLOCKS, approx 18"x12"x3",\$15, Mary, 224-1586
- HOTEL ACCOMMODATIONS for 2 adults/2 kids,5days, 4nites in Florida,for details call Donna,284-3430
- TIRES,4 Dunlop radials, SP4, 185SR14, blackwalls, 6Kmi,fit Volvo 14" whls, \$150, Stephonie, 223-5094
- SPEED BAG,wall mounts,\$25;Airequipt slide proj. \$25;proj.screen \$10;recorder \$40,Judy,223-7316
- HOTEL ACCOMMODATIONS for 2 adults/2 kids for 6 days/5nites.Runaway Bay, Jenaica, Donna, 284-3430
- AQUARIUM.55-gal w/stand+light;55-gal TANK w/cover light,wr iron stand.\$125.Ray,223-4591
- METAL DETECTOR, Heathkit, exc cond. \$135 new/osk \$75, Larry, 223-2954
- TRAILER AXLE + WHEELS, ideal for small trailer, \$50, Larry, 223-2954
- BASS HEAD, Peavey Mark IV, great cond.\$300. Merrill. 249-4524
- TIRE & WHEEL, new, Pirelli Cinturato mounted on Capri mag whl,sz 185/70HR13.\$45, Andy, 237-2423
- STEREO POWER AMP, APT model A1, 100w per channel or 200w mono, \$395, Bob, 247-2285
- DRAFTING TABLE, tilt top, \$30; Computer workstation table, brand new, \$75, Jack, 278-4593
- BOOTS, mountain hiking, men's size 8 or women's 9-1/2, used 3 wk.\$40, Alex, 223-7360
- TIRE RIMS (2),15" for GH cars,\$15,Alan,288-7559
- WICO TRACKBALL for Atari Commodore.etc.new, never used.\$20,Sonia,234-4284
- HATERNITY CLOTHES, summer; baby dressing tbl.never used; boys clothes to sz 2,8/0,8ernie,223-8811
- RAINBOW SYSTEM, 100B w/color graphics+monitor, LA150 prntr,DF112-AAmodem;software,Carl,249-4965
- COLLECTORS:Franklin mint bicentennial medals+ figures+mini-ingot collections.B/O.Bill.223-9849
- MOTORCYCLE HELMET, Tourstar, maroon, large, full face, \$110, John, 223-3491
- CARIBBEAN T/S vac.license,2bdrm villa,2 wks per yr.3yrs remaining,\$188/mo,\$1000,Yolanda,223-2535
- STEREO RECEIVER, Claricon w/8-track tape deck, gdm cond, tapes incl, \$35, Carol, 237-3525
- ORIENTAL RUG,9x12,Pakistani Bokara,red,brand new, \$1200,Andrew,282-2111
- CAMERA, Polaroid One Step, new, \$12, Gerry, 223-7938
- WEDDING GOWN, white, elegant, sz 8, incl lace pict. hat, orig \$500, now \$250, B/O, Jeanmarie, 258-4198

LSI-11 SYSTEM,11/02 CPU 64Kbytes,RX02 drive,will sell as system or pieces,\$2000,B/O,David,223-7197

CABBAGE PATCH DOLL,boy,brown eyes,curley brown magair,needs to be adopted.\$50,Dianne.241-3815

ANO, Chickering, quarter-grand, gd cond, \$950. Joe, 247-2847

HOME COMPUTER,2 data drvs.TV hkup,modem software+docum,gd for young+old.\$500,Erik,231-4294

VT180,4 drvs,LA50,CP/M,Basic,Select,stand,cartr,floppies,intr/basic,ref.man,B/O,Burton,223-5261

MOTORCYCLES

'74 HONDA CB350, needs engine work, many spare parts incl,\$150,8/0,Chris,236-2813

'65 BSA. Model A50.\$400. Norman, 236-2078

'80 SUZUKI GS 450,red w/sissy bar,only 6K mi, like new,\$900,B/O,Dick,292-2159

'80 HONDA Gold Wing, 1100CC, shaft dr, air shocks. lugg rack, low mi, mint cond, \$2400, Dave, 225-6495

*78 HONDA CB550K.black.backrest.luggage rck.orig owner.8Kmi.always garaged.\$1095.Mike.223-7156

*75 HONDA CB200,silver.gd cond.7800m1.orig owner.rack.\$375.8/0.Harold.223-7157

'81 HONDA CB900F,black/red,15800mi,new rear tire, back rest,\$1850.Pat,223-3235

*82 SUZUKI GS1100-EZ,20Kml,exc cond,asking \$2400. Mark.247-2k057

'79 KAWASAKI KZ750.9Kml.customized maroon bike. exc cond. \$1000. Julie. 278-4583

'72 YAMAHA TX500,exc cond,backrest,26Kmi,new battery,vy dependable,\$800.B/O,Susan,223-3034

'83 YAMAHA Midnight Virago, spec edition, shaft dr.

/8 YAMAHA DT 400,exc cond.\$650,Jay,229-6646

*78 HONDA 750K.exc cond.new tires+batt.dble bucket seats+trunk.\$1300.Ron.247-2554

'82 HONDA VF750S Sabre,black,5Kmi,1 owner,new batt,alarm,cover,must sell,\$2200,Gloria,249-1586

PETS

BAY HORSE, 14.2, for lease, nds experienced rider, has had all shots, serious inq only, Sara, 282-2549

GERMAN SHEPHERD pups, AKC, blck+tan, bred quality+dispos, exc health, born 3/30, \$300, Sharon, 249-4309

PARAKEET.green.w/cage & all paraphanelia,\$15. Marien.223-3993

PARROT, red-lored Amazon, red/blue/gr/ylw, 11mos, whatles, laughs, tame, cage, \$600, B/O, Tim, 241-3985

MASTIFF puppies.purebred.AKC champ sired.good w/kids.males+females.born 3/16,Bill,223-4566

PUPPIES, free, 1 brum F.2 white+1mixed males, part Lab, Spring Spaniel; Bull Terrier, Cindy, 231-7248

KITTENS, free, 3 white, 2 grey tigers, real beauties, need good home, Jim, 231-4039

HORSE,7 yr old Bay Quarter,male,well broken,no bad habits,B/O,Brenda,223-2826

CATS.1 male,2 females,6+7 yrs old,gd hse pets, ideal for farm,spayed.neut,free,Gerry,223-7938

PUPPIES, Newfoundland AKC, gentle, great with kids + ready to go, \$400. Beth, 225-5376

BERNARD PUPS.AKC regist.,\$250,Linda,223-9673

REAL ESTATE

CONT.Littleton,3bdrm,2-car gar.engy eff,ht pump, wd stove,1.3 acr.cul-de-sac.\$174,900,Vic.231-7707

CONDO, Tyngaboro, agle lv1, 3rd flr, 5rms, 2bdrm, 1-1/2 b, kit, dr, lv, w/d, lmi/rte 3, \$75, 900, Ken, 237-3685

CAPE, Millis, lacre, cul-de-sac, 4bdrm, 1-1/2b, wood stove insert, priv.yd, garage, \$140s, Dan, 225-4279

SPLIT, Harvard, kit, 1r, 5bdrms, 1-1/2baths, F/R, \$168, 900, Thomas, 261-2383

CONDO, Hudson, 2bdrm, 2b, appl.kit, liv/din area, gar, 40'deck, cent heat/ac, Mancy, 231-2563

SPLIT LEVEL, 8rm, ctry setting, nr lakes, fish, swim, boat, lr, dr, kit, fr, laund, \$95K, Evelyn, 231-4630

HOUSE, Westford, 8/9rm in exc child-safe nbrhd, nr 495+Rte3, custom features, \$199,500, Steven, 223-6449

HOUSE, multi-level, 7rms, 3bdrm, kit, fm, gar, basement, fplc, 2mi fr King St, \$161,900, Joe, 247-2847

COTTAGE, Hillsboro, NH, lakefront, small, dble lot, gd cond, winterized, \$55K, Susan, 231-6147

RANCH, Northboro, 3/4bdrms, finished basement, near shopping, \$89,9K, Nishat, 288-6702

RAHCH, Millbury, 3bdrm, den, rec rm, laundry rm, 1-ear garage, asking 90K, Dave, 237-2148

CHALET, Barre, MA, Coldbrook Campgrnds, pool, tennis, golf, gd/kids, lease land, \$14,500, Debbie, 231-7301

RECREATIONAL VEHICLES

HERRESHOFF 12-1/2, Hull #2046, mangny on oak, much refasteng done 83, vy gd cond. \$3800, Linda. 251-1572

KAYAK, whitewater, exc cond w/paddle, helmet, spray skirt, lifewest+flotation bags, \$450, David, 249-4590

'83 CATALINA 22.9.9 Johnson, VHF. stove, head, sleeps5, many extras. \$12,000, Mary Ellen, 249-1712

'76 AIRSTREAM, 25'Twin, exc cond, many extras, will send U 6-page description, \$11000, Jean, 279-5205

CANOE, 18', red, Great Canadian, fiberglass, used a few times, \$225, Rosanne, 231-7791

POWERBOAT, 25 'Mako, 235hp outbrd motor, ex fuel tank, canvas dodger, radios, \$20,000, Cecile, 276-9266

SAILBOAT, dbl hull forglass sloop rigged day sailer, trailer, \$1950, Alfred, 223-5331

SAILBOAT,24 Paceship,slps4,9.9 Johnson aux, head,galley,\$9.5K,B/O,Ann,276~8074

SAILBOAT, AMF Alcot Minifish w/trailer, used two seasons, \$900, Jin. 234-5165

'72 TENT TRAILER, Steury, slps6, gas stove, heater, refrigerator, sink, canopy, \$1500, Wayne, 288-7611

'83 HONDA ODYSSEY.60 hours driving time.exc cond. \$1500.Karen.223-4325

SAILBOAT, Aquacat, 14', sail, tramp+hardware sound but pontoons nd work, \$100, Sherry, 231-6957

RENTALS

CONDOS, Provinctown, Hyannis, time share, rent \$350/wk, buy \$6950/wk, July, Arnie, 232-2258

APT, Marlboro, 1bdrm, AC, pool, near many DEC plants, \$525/mo, Jim, 223-9609

CONDO, White Mtns.for summer vacation, tennis, swim, hiking, rqtball, 3bdr+more, Dave, 231-4613

HOUSE, Marlboro, 7rm, 2bdrm, 1-1/2bath, W/D, 4-car drvway, ava.6/1, \$750/mo+ut11, Stanley, 231-2175

CAPE, Hyannis, 2bdrm, nr Craigville Beach, big lot, near shopping, summer \$400/wk, Rima, 223-1972

CONDO, White Htms, 3bdrm, slps8, frplc, whrlpl, pool, rqtbl, tennis, ava.wknd/wk/mo, Jeanne, 231-5671

VACATION HOME.Quechee Lakes.Vt.slps8.lake sports, golf.tennis,kids rec.ctr,Heidi,231-4869

COTTAGE, summer, Buzzards Bay, 3bdrm, wlk to beach, ava. June-Sep, \$350/wk, Frank, 223-6313

ISLAND COTTAGE.Lk Winnipesaukee.3bdrm.private beach.dock.quiet.\$475/wk.Dan.231-4348

CAPE, Eastham, Cape Cod, slps6, summer/off season rental, 1mi Nauset Lt. beach, prv. way, Bob. 238-5031

HOUSE, Nantucket, intown, sunny 6bdrm, w1k/3 beaches, ava.wknd/\$295,wk/\$395-\$1400, David, 223-2086

APT,Brighton,sunny 3bdrm,ava.6/1,nr public trans, \$675/mo,Sue,275-6044

COTTAGE,W.Dennis,2bdrm,slps4,nr beach,golf,marina,shops,\$325/wk,Barbara,231-6852

HOUSE,W.Acton,ava.7/1 for 6 mos.furn,2.bdrms, lr,dr,den,1g bkyd,W/D,\$900/mo,Dan,288-7416

HOUSE, Marthas Vineyard, East Chop, 3bdrm, 2bath, aval. 1st half August, min. 2/wks, Paul, 231-6609
COTTAGE, Chatham, Cape Cod, 3bdrm, priv.ocean beach,

fireplace.deck.Ray.221-5844

CAPE.Harwich.3bdrm.frplc.W/D/DW.close to pond.

bike path,golf,\$500/wk,John,289-1724

HOUSE,Dennis,2bdrm,walk to pond,nr beaches+golf,

CONDO, N. Conway, 2bdrm+loft, 2sundks, mt. views, nr golf, tennis, pool, beach, \$475/wk, Dick, 234-5147

CONTEMPORARY, N. Conway area, 3bdrm, 2bath, lakefront, by weekend or week, Van, 223-2856

HOUSE, Harwich, new, slps6, lakeside, \$400/wk,

avail from 5/26,\$425/wk.Art.221-5607

Carolyn, 276-8038

HOUSE, S. Harwich, 4bdrm, 3bath, on pond, 1/4mi ocean,

boat.dock.fish.ava Jun.Sep.Oct.Jim.223-0915 CONDO.Lincoln NH.2bdr.2b.slps6.tennis.swimming.

jacuzzi.cable TV.by wknd/wk/mo.Leslie.251-1228
CONDO.Nashua.NH.new.(off Rte3).5rms.2bdrms.appl

kit,w/w crpt.AC.\$595/mo.Dan,225-4300

CONDO,Cambridge/Watertwn line,river view,2bdrm, \$1200/mo,1-1/2mo security,no pets,Kim,225-6885

HCUSE,yr/rnd,Yarmouth,4bdrm,2/10mi ocean,summer rental,some wks open,Paul,229-6024

COTTAGE.Lk Winnipesaukee.2bdrm,2min walk/beach w/lifeguard,\$250/wk,Kevin,279-5332

CONDO,Lk Winnipesaukee,Paugus Bay,3bdrm,2b,beach, jogging trails,golf,tennis,Dick,234-5147

CHALET,Linderhof,M.Conway,White Mtns,lux.3bdrm, full equip,avail wk/mo/season,Mike,225-5126

COTTAGE, S. Harwich, 1/4ml ocean, 1bdrm, on pond, boat, dock, fish, avail June-Sep, Jim, 223-0915

COTTAGE, summer, Harvard, MA, 2bdrm, island priv.small priv.beach, \$235/wk, \$450/2wks, Tom, 288-6957

RANCH,S.Yarmouth,3bdrm,\$425/wk;DUPLEX,2bdrm, \$315/wk.1bdrm,\$265/wk,George,232-2542

TOWMHOUSE,Loon,3bdrm w/loft,slps8-10,pools,hike, tennis,sauna,wkrds/wk,July/August,Roger,288-6780

APT.Fitchburg.5rm.2bdrm,1st flr.new bath.kit.DW. appl.parking,\$475/mooutil,Larry,278-4480

CONDO, Hampton Beach, 2bdrm, bath, deck, appl.kit, W/D, on/off season rental, Tomi, 249-1500

VACATION HOME, Whte Htms, wtrfront, priv beach, pool, tennis, canoe, slps8, furn, \$350/wk, Marcia, 231-5141

CAPE, Harthas Vineyard, 3bdrm, deck, scr.porch, water bed, \$90/day, ava Jul/Aug, 5-day min, Dan, 225-4279

DUPLEX.Salem-Derry line.new.avail May.no pets.references.Pat.289-1751

TOWNHOUSE,Boylston,wd setting,3bdrm,1-1/2b,garage, nr Rte 290,ava 7/1,\$725/mo+utll,Joan,234-4856

TCWNHOUSE, N. Woodstock, MH, 3bdrm, slps6-8, pool, rqt-ball, tennis, \$400/wk, \$1200/mo, Pauline, 223-3844

MOORING, Marblehead Harbor, nr Corinthian, 30-ft capacity, July/August, \$225, Susan, 223-6673

HOUSE, Dennis, %bdrm, May-Sep, walk beach, lake, shop. \$500/wk, May+Sept, wknds/\$150, Charlene, 251-1608

DUPLEX,E.Pepperell,MA,5rm,2-stry,2bdrm,basement,wded yard,avail imm,\$550/mo+util,Molly,229-6608

CONDO.Hilton Head.SC.2bdrm.2b.ocean beach.tennis. \$480/wk, Joe. 289-1985

HOUSE, W. Yarmouth, 2bdrm, 1mi/Seagull Beach+stores, families, no pets, \$400/wk, Paul, 234-4795

HOUSE, Cape Cod, nr Craigville B/Lake Wequaquet, 3bdrm, 2b, avail Jun/Jul/Aug, Cindy, 223-6656

CONDO. Shirley/Scott Glenn.spacious+lovely 3bdrms. no pets,\$750/mo+util, Jenny,223-6302

APT.Marlboro.(Rt495/290).2nd flr.residential.new remod, prkng, yard, \$450/mo incl util, Kathy, 282-2547

HOUSE, S. Yarmouth, Bass R, slps6, porch, nr beaches, shops,no pets, Jul-Sep, \$475/wk, Roger, 274-6630

CONDO, Worcester, new, spacious, 1bdrm, nr.shop/290, \$600/no.Larry.231-4439

HOUSE, Marthas Vineyard, 5rms, 1mi to beach, July 27-Aug 3, Leonard, 231-2428

HOUSE, Dennis, 2bdrm, walk pond, nr beaches, golf, shops, \$425/wk, Art, 221-5607

HOUSE, W. Dennis, 3bdrm, 2b, F/rm, yard, walk beaches, shops, slps6, \$450/wk, Jacques, 276-8011

CONDO. Laconia, NH. slps6, pool, jacuzzi, tennis, golf, hiking, rest+lounge, \$400/wk, Faith, 223-7725

HOUSE, Chelmsford, 3bdrm, 1-1/2b, all appl, conv location.ava 6/1,\$900/mo+util,Susan,247-2221

HOUSE, NH lakes region, slps6, priv beach, wood stove.great for kids.\$310/wk,Michael,276-9285

STUDIO APT.ref, stove, w/w.priv ent.prkng.gd for single prof.\$350/mo incl util, Danielle, 289-1042

HOUSE, M. Vineyard, Edgartown, 3bdrm, 2b, frplc, deck, quiet,\$800/wk/July,\$900/wk/Aug,Judy,282-2046

TOWNHOUSE CONDO, Gatlinburg, TN, Smoky Mts Nat'l Park, 2bdrm, July 13-20, \$600/wk, Larry, 292-2037

HOUSE, Eastham, slps6, deck, 1.5ml ocean, \$350/wk June, Sep, \$450/wk July, Aug, Bob, 234-5031

HOUSE.Stow.cont split.lmi DEC.2+bdrm.2acres. lease.ref.sec.dep.\$1000/mo,Meg.288-6878

HOUSE, Sudbury, Arms, 2frples, F/rm, 2-car garage, basement, brzway, \$1200, Mary, 223-5471

BEACH HOUSE, Falmouth on lake, 4bdrm, 2b, priv beach, 2wk min, \$450/wk, \$1600/mo, Henry, 276-9381

SUMMER HOME, Lake Ossipee, NH, priv beach, golf, tennis,nr Wh. Mtns, \$285/wk, Cornel, 247-2066

HOUSE, W. Yarmouth, 2bdrm, nr beach, picnic area. avail May-Sep.\$400/wk,Sharon,231-5064

HOUSE, Hyannis, 2bdrm, slps6, nr Craigville Beach, stores, CC mall, quiet street, Hathan, 223-6260

CONDOS,Loon Mtn,slps8+4,tennis,pools,hiking,etc. Fully equip units,Joan,223-5511

ROOMMATES

Nonamoker.share Merrimack.MH Condo.\$300/mo+util. pool,tennis,ava.6/1,Maureen,276-9900

M,prof,share 4bdrm Newton hse, 1min frm Rt 9/128/ MassPike.\$270/mo+1/4util.ava imm.Peter.249-4727

ROOMATE, nonsmoker, 2 rooms for rent in private home, Diane, 251-1641

M/F nonamoker.share 3bdrm hae W.Roxbury.avail immed, \$275/mo+1/3util, Mike, 288-6064

Finonamoker, profishare 2bdrm Chelmsford Condo, \$350/mo incl heat, hot H20, pool, Maria, 283-6314

M/F, summer sublet, btfl 2bdrm Weston hae on pond, nr Rte 9,20,30,128,MAPike,\$360+/mo,Eric,223-4648

M/F, share 2bdrm Condo in Marlboro, pool, W/D, \$300/mo incl utilities, Bill.231-5833

F.share 3bdrm house Mashua, NH, \$300/mo incl all utilities, Tina, 249-1704

HOUSEMATE, nonsmoker, share 8 room house in Lancaster, \$250/mo, Diane, 251-1641

M/F,nonsmoker,share 3bdrm house Groton,3ml fr 495,ava 5/1,\$225/mo+1/3util.Jim,229-6412

F, nonsmoker, share 2bdrm 2-1/2b twmhse Woburn/Burl line, AC, pool, \$375/mo w/heat, av 6/1. Diane, 223-5702

H/F, share 3bdrm house Bellingham, frplc+office space,\$300+util, Van, 234-5380

Finonsmokerishare apt Manchester MH. access to Rte 3/93,\$250/mo+util,Bonnie,247-2929

F, HOUSEMATE, 30+, nonsmoker, share attractive Stowhome, \$300/mo, sec dep/ref, Betty, 231-7786

M.nonsmoker.prof.share lg 2bdrm apt Shrewsburg exc loc.\$285/mo incl util.July.Michael.237-3458

F, nonsmoker, share home Tewks/Lowell line, Bte 495, w/mother+2 kids.1 bdrm ava, Carol, 247-2956

F, nonsmoker, share 2bdrn apt Waltham, nr Rte 2/128. \$325/mo,Lin,225-4274

RCCMATE, nonsmoker, share home in Lancaster, MA, \$250/mo Diane, 251-1641

F.prof,25-30,nonsmoker,share bfl old house Needham, \$300/mo+1/3util. June, 231-2481

F.20-35, nonsmoker.kosher.summer sublet.Brookline. all girls apt.6/1-8/15.\$300/mo.Jack.237-3454

M/F.share 2bdrm Condo Marlboro.pool.W/D.\$300/mo includes utilities, Bill, 231-5833

f,nonsmoker,prof,room in priv home,Hudson,share kit+bath,\$55/wk incl util,Gloria,231-5932

SPORTING GOODS

BICYCLE, Raleigh Fr. Rec, 22.5 "frame, 531 tubng, \$250; ROWING MACHINE, Amerec 610, \$225, Bob. 231-4740

EXERCYCLE, Huffy, w/adjustable tension+odometer/ speedometer, \$45, Kitty, 245-5202

BICYCLE, Huffy, 300 series, 3mo old, exc cond, free whl+frnt+back hand brakes,\$75,B/O,Jim.234-4341

EXERCISE CYCLE.Sears.w/timer.tension control speedometr/odometr.exc cond,\$100,Dina,237-3067

GOALIE PADS (GP59).exc cond.\$275.B/O.Larry.

BACKPACK.internal frame used two seasons,was \$75 new,\$45.B/O,Cindy,223-6448

EXERCISE BIKE, Sears, w/51 miles on odometer. \$60, Kathy, 247-2300

BICYCLE, Marukin-Cro-No frame, alloy whls, ARX derail.new.warr on frame, \$195, Dave, 292-2019

BICYCLE, ladies 10-spd, exc cond, used only a couple times, \$100, Charlene, 225-6373, 4620

BICYCLE, 20 convertible to boys or girls, w/ training whis, red, Alice, 251-1292

WANTED

NAME.

DESK, roll-top, appr. 3-4' wide that may nd minor work, looking to pay appr.\$50, Julie, 234-4651

BICYCLE, 10-spd.men's. John. 223-6824

PLAY PEN+WALKER needed for babysitter's home. Will pay max.\$25-\$30 for set, Anne Marie, 276-8448

SWING SET, children's outdoor, 3 or 4 place; GEODESIC DONE, children's, Stu. 276-8414

TO RENT 2-3bdrm apt Newton area nr Ates 128/90,

BICYCLE, 10-spd.girl's, must be in good running condition.Janet.259-3753

LAND, Dunstable/Westford, building lot, Elizabeth, 228-7419

TIGER KITTEN, orange, male, good home, Jack, 225-4236

ELECTRIC DRYER, gd working cond, Brenda, 223-3377

'65 FORD MUSTANG.gd engine.no rot or rust.reas.paint.gd auto trans.'66-67.Marjorie.223-0267

BUSINESS DESK, metal, gd cond, needed immediately, \$75-\$100, Donna, 231-6702

APT,6 rms Framingham/Natick/Southboro for prof. couple, June 1,\$450-\$600/mo, Carille, 231-5701

LAWN MOWER, late model, good condition, quality manufacturer, Monte, 224-1593

TRUNK, large, in good condition, needed for summer camp use.Linda.223-7476

BOAT, small lake boat w/trailer,w or w/o motor; + two pine nite TABLES, reosonable, Mary, 236-2720

DOG CAGE, wire, collapsible, for a large dog, Larry, 292-2037

LAND, small chunk to build live-in 2-car garage along Mass Pike, John, 288-7680

CABIN/COTTAGE in Berkshires for 2 people-wellmannered dog, 1-2 wks July, Barbara, 288-7638

PLAYER PIANO ROLLS, good cond. Joanne, 282-2074

ROOM IN FAMILY, Co-op student, fr June-Aug, within walk distance Hudson-LSI facility, Edison, 225-6836

STUDIO APT, H, Tyngsboro/Chelmsford/Lowell area beginning June 1, Karen, 249-1891

VW RABBIT, 1977 or newer, w/blown eng + good body, Carolyn, 276-8217

TENNIS PARTNER, beginner/intermediate, must be member of Wayside Racquet Club, Bruce, 284-3144

TRACTOR ATTACHMENTS, Gravely, rotary plow/ cultivator, cart, gd working order, Mike, 225-6399

OFFICE DESK,metal or wood.gd cond.for home use, Jeanne, 231-4357 TWIN STROLLER or CARRIAGE in good condition.

MARKETPLACE CF02-3/K23

\$35.Sharon.275-6210

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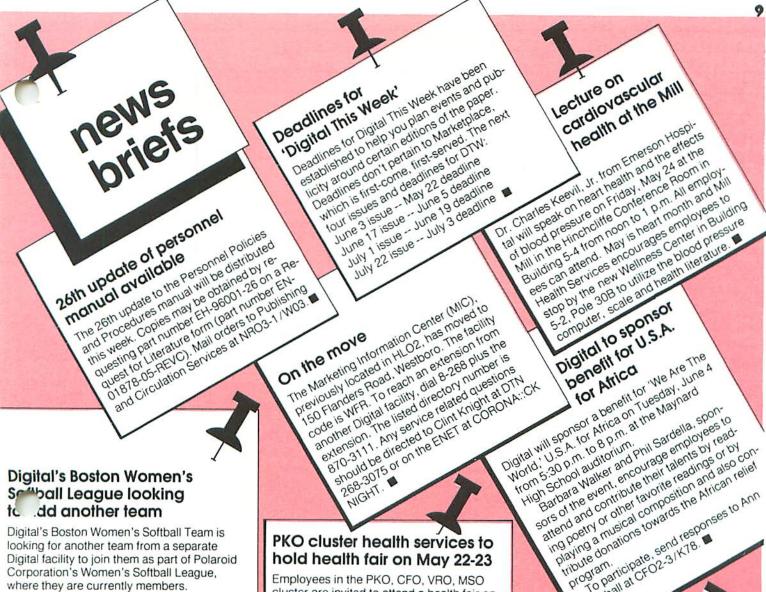
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Digital's Boston Women's Samball League looking to dd another team

Digital's Boston Women's Softball Team is looking for another team from a separate Digital facility to join them as part of Polaroid Corporation's Women's Softball League. where they are currently members.

There will be a total of 10 games, one per week for 10 weeks, starting the first week of June. For more information or to find out how to participate, contact Pam Falzone by May 27 at DTN 281-5648 or on the ENET at Ringo::Falzone.

Mill Security EXPO'85 set for June 10

Maynard Area Security encourages all employees to visit the Security Exposition to be held throughout the day on June 10 in the MLO 5-4 cafeteria.

This informational exposition will provide an opportunity for employees to examine the latest security technology. Various security vendors and in-house professionals will be available to provide information concerning

rotection of both, personal and business assets.

For more information, call Joe Nelson at DTN 223-1830.

PKO cluster health services to hold health fair on May 22-23

Employees in the PKO, CFO, VRO, MSO cluster are invited to attend a health fair on May 22-23 at the PKO3 cafeteria. On both days the fair will be run from 9 a.m. to 3 p.m.

Featured at the health fair will be health risk appraisal, hearing test, blood pressure check, lung capacity, vision screening, glaucoma screening, Employee Assistance Program booth, stress reduction demonstration, health information displays, dental screening, podiatry screening, diabetes screening, blood chemistry and cholestrol test (\$12 fee) and pap smear (\$4.75 fee).

Preregistration is required for those interested in taking part in the testing. The health displays will be open on both days from 10 a.m. to 2 p.m. for those not registered for testing.

To preregister, call Health Services at VRO at DTN 273-3331 and at CFO at DTN 251-1051.

Blood drive at Stow

Health Services is sponsoring a blood drive on Monday, June 3 from 9:30 a.m. to 2:30 p.m. in the Health Fit Room at OGO1b/U12. Donors will be eligible for a drawing for free prizes. For an appointment, call Betsy at DTN 276-9474.

program. To panicipate, send responses to Ann Marshall at CFO2.3/K78. **DECBIGBAND** benefit performance on June 7

program.

The DECBIGBAND will be performing at a benefit concert/dance on behalf of the Greater Lowell Mental Health Association. on Friday, June 7 at the Lowell Hilton Hotel. Liz Walker, anchorwoman of WBZ-TV's Eyewitness news, will be the featured speaker. For ticket information, contact the Greater Lowell Mental Health Association at 617-458-6282.

Digital Summer Candlepin **Bowling League**

The Digital Summer Candlepin Bowling League will begin its season on May 21 at 5:30 p.m. at the Acton Bowladrome on Route 27 in Acton. The cost of bowling is \$3.50 Anyone interested in signing up should contact Mary Morning at DTN 223-3873.

educational opportunities

Learn Rainbow in the evening

Due to the popularity of the Learn Rainbow course, Office Automation will be offering a special class in two evening sessions on June 17 and 19. The sessions will run from 5:30 until 9 p.m.

This course presents an overview of the Rainbow for first-time users. Widely-used application packages such as SELECT®. Multiplan[⊕], Lotus 1-2-3[®], and dBase II[®] will be demonstrated.

In addition, operational features and disk maintenance are covered as well as basic commands of the CP/M® and MS-DOS® operating systems.

Anyone interested in attending these evening sessions should call Trudy Taylor at DTN 223-5820.

CP/M is a trademark of Digital Research, Inc. dBase II is a trademark of Ashton-Tate Lotus 1-2-3 is a trademark of Lotus Development

MS-DOS is a trademark of Microsoft Corp. Multiplan is a trademark of Microsoft, Inc. SELECT is a trademark of Select Information Sys-

Dow Jones information online

The Dow Jones recently re-negotiated corporate membership offers to Digital employees, up-to-the-minute news online from the Wall Street Journal, Barron's, and the Dow Jones News Wire.

It also offers detailed corporate industry data, and disclosure information. This membership allows for substantially reduced online rates. The information can be accessed by using either a VT100, Pro350, DECmate, LA120 or other Digital equipment.

Two free user-training workshops are planned:

Thursday May 30 Friday May 31

Auditorium MRO3-3 Wellington Room MKO2-2/H23

Each workshop will run from 9 a.m. until noon, with optional hands-on training until 5 p.m. the same day. The workshops are presented by the Dow Jones training staff and will give an overview of the contents of the Dow Jones databases, as well as a description of how information can be retrieved and used effectively.

To register for the May 30 (Marlboro) workshop, contact Eileen Murray, DTN 273-3473 after 10 a.m. To register for the May 31 (Merrimack) workshop, contact Betty Winberg, at DTN 264-1900, Descriptive material about the membership benefits is also available by request. Due to space limitations, early registration is encouraged.

DME offers leadership program for middle managers

Digital Management Education (DME) offers The Leadership Program for Middle Managers. The Leadership Program is a five-day intensive cross-functional workshop designed to give participants an in-depth look at the current thinking on leadership and relate this to their personal style and operating

Participants will develop their own leadership abilities and learn new strategies for creating and maintaining excellence in their organizations.

This course provides an overview of leadership models and a forum for current dilemmas, highlighting the manager-as-developer model from the book, Managing for Excellence by David Bradford and Allan Cohen.

Participants will analyze the concept of leadership within Digital and learn to create commitment through shared responsibility teams with a common vision of organizational excellence.

Methods will include subordinate feedback, a panel discussion with successful Digital leaders, films, case studies, a power and influence simulation, and skill practice. The program will be highly interactive and is meant to stimulate personal reflection, cross-functional teamwork, and back-home implementation.

The course is intended for managers of managers and is offered on an open enrollment basis, as well as for intact work groups by special arrangement. The program will be offered on an open enrollment basis June 3-7, July 22-26, August 26-30, October 28-November 1, and December 9-13.

For more information, call Sheila Shuman at DTN 249-4155. To register for the program call Sandy Floros at DTN 249-4188. ■

Basic introduction to computers course offered

Dr. Yale Patt from the University of California, Berkeley, will present a basic introduction to computers course June 24-28 in the DEC 10/20 Conference Room in MRO.

This course is for the non-computer professional who has no computer background. It is designed for managers who have not studied the organization of computers nor computer science, but would like a serious introduction to how computers work and the important issues pertaining to their design and implementation. Dr. Patt will explain, at an elementary level, how each part of the computer system works and how the parts fit together. The emphasis will be on understanding fundamental concepts, so that the student can later build on what is covered in the course.

The course will combine lectures on abstract concepts with hands-on time at a terminal interacting with the computer. The course will not teach students to be programmers, although each student will discover that he/she can write programs. No will it teach enough details of a computer language to make students fluent. This is a literacy/awareness course.

The course will run five full days. As preparation for the course, students are asked to read Soul of a New Machine by Tracy Kidder. Questions pertaining to descriptions in the book and questions from marketing literature will be addressed on the last day of the course.

To enroll or to obtain a day by day schedule of the course, contact Peggy Kearney, HPS & C Education & Training Group at DTN 231- 4567 or the ENET at HYPER::P-Kearney.

Technical Seminars

This is an integrated calendar of seminars for HLO, MRO, TWO, ZKO, MLO, and SHR. Unless otherwise indicated seminar locations are as follows:

Hall of White Mists HLO

MRO Dec 10/20

ZKO

TWO A-9 Con. Room

Babbage Aud. ZKO

Mill Caf. Con. Room MLO

SHR Room will be announced

HLO 225-5272 HUDSON::KUMLIN

MRO 231-5097 HYPER::CSMALL

SHR 237-3258 APOLLO::HEDIN

TWO 247-2499 BERGIL::LIBRARY 381-1057 ZEKE::CONDON

223-6262 MILRAT::PRUITT MLO

May 22 10:00 - 12:00 ZKO

Dr. Al Erisman, Boeing Computer "Super Computing"

May 22 3:00 - 4:30 TWO

Ram Sudama/DEC

Building Distributed Applications Using Remote Procedure Calls

May 23 8:30 - 11:30 MLO

Martin Brauer/International Consultancy Group in MKO

"Designing and Delivering International" **Products**

May 23 2:00 - 3:30 MRO1-2

Dr. Al Erisman

Boeing Computer "Supercomputing"



Find out how to cut down on commuter costs by contacting the Commuter Transportation Department, DTN 223-7029.

Call the following DTN numbers to join these routes.

VANPOOLS ACTON (AKO)/MAYNARD

From Framingham, Sudbury area, Jean Doherty DCV #2, 223-3425

From Amherst, NH, Doug Ryder DCV #63, 288-7606

ACTON (AKO)/MAYNARD/STOW From Milford, Holliston, Hopedale area, Mike Smith DCV #102, 288-6181, or Bob Figuerido, 223-3678

ANDOVER/TEWKSBURY/S. LAWRENCE From Framingham, Marlboro, Hudson, Bolton and surrounding areas via Route 495, Brian Gordon #87, 289-1075

ANDOVER/TEWKSBURY From Maynard, Acton, Littleton, Dave ding DCV #116, 289-1101

...ARLBORO

From Westminster, Ashburnham, Ashby, Pepperell, Townsend, Lunenburg, Fitchburg, Leominster, Bill Kilgore DCV #4, 231-7184

From Arlington (St. Camillus Church), to MRO/UPO/HYO, Paul DeFazio DCV #143,259-3921

From Fitchburg, Leominster, Steve Leger DCV #58, 279-5054

MAYNARD

From Leominster, Fitchburg area, Peter Morin DCV #147, 223-3242

From Arlington (St. Camillus Church), Alma Antoniotti DCV #115, 223-6667

MAYNARD/CONCORD

From Marlboro, Hudson, Bob Johnson DCV #127, 251-1945

MAYNARD/STOW

From Brockton, Quincy, Stoughton, Canton, Dedham, Needham via Route 128, Mary Ellen Dervan DCV #131, 223-3755
From Sterling area, Clinton, Kathy Nickerson DCV#86, 223-2025

NORTHBORO

From Fitchburg, Leominster area, Don Valiton DCV #145, 234-4306 or Peggy James, 234-4135

STOW

m Arlington (St. Camillus Church), in Kennedy DCV #66, 275-6124 or Shelly Goldfarb, 276-9121

CARPOOLS BEDFORD

From Cochituate, Cynthia Nadreau, 249-4060 ■

12th annual Roadeo set for June 1

Corporate Distribution will hold its 12th annual Roadeo on Saturday June 1 at NRO1. This year's activities include walkie/ryder and forklift competition which will be held inside the NRO1 facility. Outside activities will include van, straight truck, and tractor trailer class competition.

In addition, there will be several displays

including a Digital helicopter, race cars and antique trucks.

Fleepo the Clown and a cookout will help make this a fun-filled day for the entire family.

All Digital employees are invited. For more information, call DTN 234-5122. ■

MEAC offers trip to Mystic Seaport

The Maynard Employee Activities Committee (meac) is sponsoring a trip to Mystic Seaport in Mystic, Connecticut on Saturday, June 15. The trip will begin at Parker Street at 7 a.m. where participants will board a Beckham Travel Service coach for the ride to Connecticut.

The Mystic Seaport Museum contains tall ships, a re-created 19th century seafaring community, working craftsmen, a shipyard and buildings exhibiting scrimshaw, figure-heads, ship models and maritime arts.

Lunch will be served at the Seaman's Inn with a choice of fish or chicken. After lunch visitors can explore the Mystic Marinelife Aquarium or visit Olde Mistick Village for a shopping tour.

The bus ride home will include refreshments. Arrival time back in Maynard is approximately 6 p.m.

Cost of the trip is \$34 for adults and \$30 for children. Flyers have been placed in Parker Street, Nagog, the Mill and Powder Mill Road facilities. Anyone interested who does not have a flyer, should mail a check with a note specifying that it is for the Mystic trip to: meac, P.O. Box 18, Maynard, Mass. 01754. For more information, call Joyce LaMotte at DTN 223-7472. The registration period has been extended to June 1.

Engineering groups to hold internal trade show

On June 7 several Digital engineering groups will be participating in an internal trade show featuring booths and breakout sessions relative to product and process technologies. The theme of the show is, "DEC's Integrated Solutions for DEC."

Restricted to internal groups only, the show will be held in the Oaks Conference Room, MRO3-2 East Wing, from 8:30 a.m. to 4:30 p.m., with breakout sessions being held in associated conference rooms.

Among the groups participating will be the ASIC Center, VLSI, Storage Technical Operations, Process & Design Support, and the Micro Center and PLEC.

The goal of the trade show is to update the audiences on the newest technologies, and better acquaint the Digital community with the many existing internal resources that are available. Concurrent with technical breakout sessions, booths will display a variety of products and services offered by the participating trade show hosts.

Additional information regarding agendas and breakout sessions, may be obtained through the following notes file via the ENET at NOTES11 SNICKR::SYS\$NOTES:TRADE-SHOW. Type DIR to see what topics are available; type the Note number to read more about that specific topic; type EX to exit the NOTES FILE. If unable to access NOTES11 from your account, request trade show information by(sending a message to SNICKR::FOCUS.

Pre-registration is recommended and may be done by sending name, title, project name, mailstop, and ENET node to SNICKR::FOCUS. Pre-registration will guarantee admittance to the breakout sessions.

Family in Focus program to begin July 9

"Family in Focus" is a summer program sponsored by Corporate Employee Services & Recreation to provide an enjoyable learning experience for children of Digital employees. During the trips children will be accompanied by professionally trained chaperons, (one per 10 children), who are responsible for arranging activities.

The 1985 program will begin July 9 and end August 29. There will be 24 trips sched-

uled Tuesdays, Wednesdays, and Thursdays for a six-week period. Buses will be departing from three sites this year, Parker Street (PKO3), Marlboro (MRO3) and Hudson (HLO2).

The cost for the entire program this year is \$220, if paid in full or \$10 per trip. Forms and additional information will be available from your local Employee Services & Recreation representatives in the near future. ■

Wonder . . .

Continued from page 1

necessary to provide this interface (see related article).

"You are the sunshine of my life," said Stevie to the Digital engineers who designed DECtalk, playing off the title of one of his many hit songs. "I hope Digital continues designing products for those less fortunate."

He demonstrated the interaction of DECtalk and his synthesizer to the audience by performing his recent song, "I Just Called To Say I Love You." While singing, he substituted a few lines about how this type of technology was making it possible to expand his musical creativity. Noting that the word technology comes from the Greek

by preproduction crew

words for "skill" and "expression," he said, "We can never underestimate the importance of expressing our skills."

In addition to helping Stevie write music, Stevie's DECtalk — which he has nicknamed Boo Boo — answers his telephone and reads back what he writes in braille.

The forum was designed to bring attention to the actions businesses can take — through hiring practices, partnerships with community and non-profit organizations, and the development and use of technology — to break down barriers for handicapped individuals.

John Sims, vice president, Personnel, out-

lined Digital's experience in hiring the handicapped, and discussed the Corporate Co tributions program which focuses on promoting self-sufficiency and personal growth for the disabled.

Ray Kurzweil, developer of the Kurzweil 250 synthesizer and the Kurzweil Reading Machine for the blind, also spoke on applications of voice technology to the handicapped, education and industry. Another blind DECtalk customer, Russell Bourgoin, a senior computer programmer with New England Telephone, described how this technology had helped him advance in his career.

According to Laura Morris, Corporate Urban and Social Affairs consultant and project manager of the DECtalk business and educational seminar, "Digital is committed to opening doors for all people, especially the disabled, so they may become productive members of society. The participants at the educational seminar were enthusiastic about Stevie's demonstration and comments, and also seemed appreciative of the benefits of voice technology." The event received media coverage locally and nationally.

Jim Pitts, Digital's Metro Boston District Sales manager, said the purpose of the educational seminar "was to build stronger relationships with our customers in the Greater Boston community leading to a broader understanding of Digital and its products."

As part of the event, Stevie was presented with a pewter and brass replica of the Maynard Mill clock which is given to Digital's employees who have worked for the company for 25 years. He also received a Paul Revere bowl from Ben Thompson, Director of Human Resources for the city of Boston.



DECtalk-to-Kurzweil interface developed

Stevie Wonder demonstrates the interaction of the Kurzweil synthesizer and DECtalk at the Digital's sponsored event on voice synthesis technology.

When most people think of pre-production crews for a Stevie Wonder event, images of cameramen, sound crews, gaffers, and producers come to mind. For the Opportunities through Technology program sponsored recently by Digital, the crew comprised DEC-talk engineers working under tight deadlines to produce the DECtalk-to-Kurzweil interface for the educational seminar.

The task was to make it possible for Stevie to hear the options that were displayed on the Kurzweil's LCD monitor. Star Dargin, Chris Diminico, Yvonne Yoneshige, Dave Conroy, and Ed Bruckert of the DECtalk Engineering Group had less than two weeks to write the software, design the circuit, debug and test the program.

The outcome was a system that permitted the DECtalk speech synthesizer to receive and speak aloud the same instructions that were being displayed on the LCD screen —

communicated through a Rainbow 100 personal computer. The team had to work with a new and not fully documented Kurzweil system. They also had to load DECtalk's dictionaries with a myriad of musical terms that DECtalk could not pronounce because the words did not conform to standard letter-to-sound rules. In addition to musical terms, the system used acronyms and abbreviations, such as INST for instrument and DIG for digitizer, that also had to be loaded into DECtalk's dictionary.

The DECtalk group worked with Stevie's and Kurzweil's technical engineers right up until showtime. "Everybody was cooperative, straightforward, down-to-earth, and helpful," says Chris Diminico from the DECtalk group, "When we got the demo running, people were so enthusiastic they called Kurzweil and Stevie so they could hear it over the telephone."



Laura Morris, Corporate Urban and Social Affairs consultant and project manager of the DECtalk business and educational seminar, spoke about Digital's commitment to all people, especially the disabled