

digital

MAYNARD

# DIGITAL THIS WEEK



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August 19, 1985

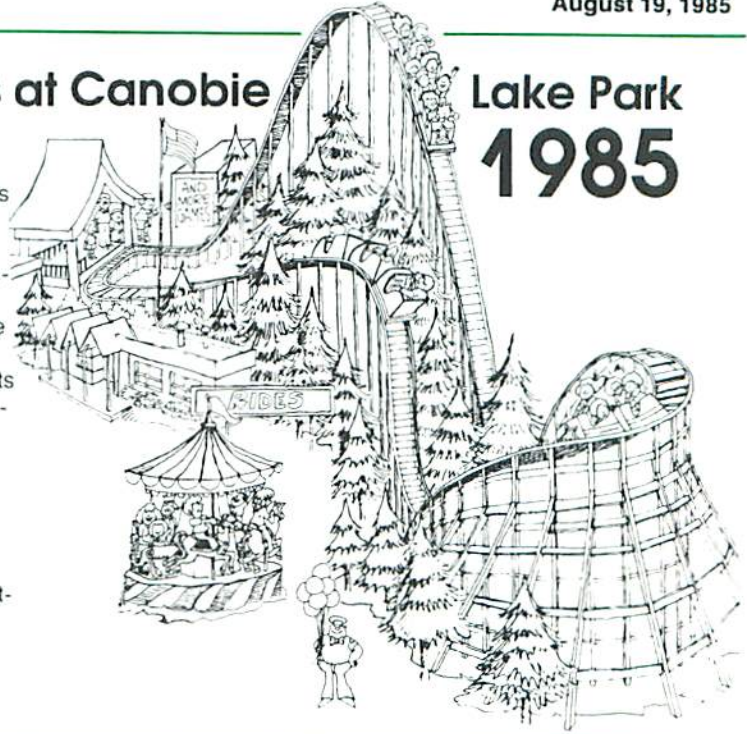
## Dates set for Digital family outings at Canobie

It's time again to plan for Digital's annual employee outings at Canobie Lake Park in New Hampshire. As in past years, a childhood dream comes true with a day of free rides, games and food for employees and their families. This year, nearly 70,000 people are expected to attend Digital's outings which begin Sunday, September 8 and continue for five consecutive weeks.

With the number of attendees growing each year, Corporate Employee Services and Recreation asks employees to request only the number of tickets to which they are entitled. Married employees are entitled to tickets for their spouses and dependent children. Employees who are single parents may bring their children and one adult guest and single employees may bring one guest.

Employees are required to show their badge and tickets as they enter the park. Minor children (17 years old and under) must be accompanied by an adult with a badge.

About two weeks prior to the date of your outing, you will receive a registration form to obtain tickets. For more information, contact your outing manager as listed in the schedule on page 4. ■



## Lake Park 1985

## Digital donates major computer system to the Shriners Burns Institute

The Shriners Burns Institute has received a VAX-11/750 computer system and 25 Professional 350 series personal computers from Digital. The equipment, valued at \$475,000, was donated by Digital through its Corporate Contributions Program.

Dr. John T. Fallon, chief of the Pathology Unit, Shriners Burns Institute of Boston, said about the donation, "In order for the Institute to continue to carry out its goals of treatment, research, and education, and for the Institute to remain at the forefront of burn care, it is imperative that the hospital acquire an integrated computer system to provide management of clinical laboratory and research data."

Nancy A. Dube, manager, Corporate Community Relations, remarked, "It has long been Digital's policy to support respected institutions engaged in the advancement of medical technology and scientific knowledge. In addition, we place primary emphasis on those hospitals providing high quality specialized care. The Shriners Burns Institute is clearly in the forefront of treatment for acutely burned children and Digital is proud to be in a position

to contribute to the success of such a fine institution."

The VAX-11/750 and Professional 350 computers will be linked through an Ethernet® local area network to existing computer systems within the Institute and the Massachusetts General Hospital Cardiac Computer Center. The VAX system will serve as the Institute's central computer, supporting all areas, including clinical, administration, and research.

The Shriners Burns Institute in Boston is one of three hospitals designed to meet the special needs of both acutely burned and postburn children and is supported solely by the Shrine philanthropy. The Boston Unit, a 30-bed acute and reconstructive care facility, opened in November, 1968. Research at the Shriners Institutes has provided new and innovative techniques in the treatment of severely burned children that has not only saved many lives, but also has aided in the prevention of the crippling effects of severe burns, thereby making a normal life possible for thousands of burn victims. ■

Ethernet is a trademark of Xerox Corporation.

## Two U.S. sales programs recruit 400 employees

The U.S. Field is introducing two new sales programs and wants to fill them with eligible employees who are interested in developing a new career in sales. The two programs are designed to help ensure that more creative solutions and Digital leadership products get into the hands of more customers. For those employees who qualify, this opportunity to move into the sales arena, will help Digital to increase its market share and customer base.

One of the two new programs, the Sales Development Program (SDP), headed by Bristow Watson, Program manager, enables qualified employees to participate in an entry level training program. They will be taught valuable skills about how to sell sophisticated, leading-edge systems in a competitive multi-billion dollar market.

SDP will teach about 200 participants about Digital products from workstations to clusters and information about the services required to support them. In addition, qualified employees will learn about how to work with existing customers and how to seek and get new customers. Basic selling skills such as interacting with the customer,

*continued on page 4*

## CFO2 Learning Center celebrates second anniversary



(l-r) John Sims, vice president of Personnel, cuts cake as Jane D'Amico, manager of the CFO2 Learning Center, watches during an anniversary party celebrating the second year the Learning Center has been in existence. The celebration was held to emphasize the importance of employees becoming knowledgeable about Digital's products so they may work more productively and accurately describe the products to potential customers.

Digital has announced PRO/Associate, a new software package that enables a second terminal to be attached to the company's Professional series work-stations.

Ideally suited for executives and their assistants in a variety of fields, the PRO/Associate package enables two users to share processor resources and peripherals, which results in a significant reduction in workstation cost per terminal. For current owners of Professional 350 and 380 workstations, PRO/Associate is a way of nearly doubling the effectiveness of the workstation for little more than the cost of a video terminal.

Software provided for the second terminal in the PRO/Associate package includes the PRO/DATATRIEVE data management program, communications software that pro-

vides both PRO/DECnet support and PRO/Communications, a login/logout facility, and file, disk/diskette, and print services. In addition, there are two optional software packages available: CT<sup>®</sup>OS/Associate word processing and the Supercomp-Twenty/Associate spreadsheet. To run any software package on the Associate terminal, the standard version must be purchased and installed on the main system.

PRO/Associate software runs under Version 2.0 of the P/OS operating system. It is licensed at \$400. Deliveries are immediate.

Requirements for a PRO/Associate configuration include a Professional 350 or 380 system with 10 Mbyte hard disk, P/OS operating system, and VT200-family terminal. Hardware options include dot-matrix and letter-quality printers, modems, and a DECnet/Ethernet controller. ■

## Digital expands service of selected non-Digital hardware products

Digital has expanded the number of selected non-Digital hardware products it will service for its mixed vendor customers.

Under the company's DECompatible Service offering, Digital's Field Service organization will now maintain and service more than 120 specific non-Digital hardware products, when linked to a Digital system. These designated products will receive the same response time and service coverage as Digital hardware under standard service agreements. ■

## Digital and AT&T announce successful completion of joint connectivity testing

Digital and AT&T have successfully completed joint connectivity testing for AT&T's System 75 and System 85 PBXs with Digital's computers, terminals, personal computers, and data communications equipment.

"The successful completion of these connectivity tests with a leading PBX vendor is important to users who want PBX's as part of their data network," said Bob Murray, manager of Networks and Communications Marketing.

A representative sample of equipment and common configurations from both companies was used in the connectivity testing. Digital provided a VAX computer, a VT100, VT200, Rainbow 100+, PRO 350, PDP-11, and DECmate II, while AT&T provided the System 75 and System 85 PBXs and its appropriate data communications equipment.

"Connectivity testing with important computer equipment vendors like Digital demonstrates AT&T's continued commitment to provide and support standard interfaces via our internal Information Systems Architecture for communication connection," said Pramode Verma, District manager for Systems Interfaces.

Connections between the System 75 and System 85 PBXs and Digital's computer equipment were made over EIA RS-232C industry standard interfaces using AT&T's processor data modules and digital terminal data modules. Connectivity tests used asynchronous connections at speeds of up to 19.2 Kbps over single channels. ■

## Digital's new VAX Information Center speeds data to users, reduces MIS backlog

Digital has announced its VAX Information Center at the Information Center Conference and Exposition in Nashville, Tenn., being held from August 18-22. A packaged system, built upon proven hardware and software products, the VAX Information Center provides a powerful solution to a very real problem confronting both Information Systems (IS) managers and end users. The VAX Information Center allows IS managers to satisfy the exploding needs of end users.

"The VAX Information Center is the most comprehensive single-vendor solution for end-user computing on the market today," says Rose Ann Giordano, Digital's vice president of Large Systems Marketing.

"In addition, Digital's offering provides a set of office automation, data access and decision support tools, integrated under Digital's industry-leading user interface, ALL-IN-1. Digital's VAX Information Center combines the best of office automation and information centers," said Rose Ann. ■

### 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 Corporation for the Employees in the Greater Maynard area.



Martin Toomey and Joe Meany

## TBU Marketing appointments announced

Martin Toomey has joined Digital as Group Marketing manager for the Terminals Business Unit (TBU), reporting to Bob Huettner, TBU manager.

For the past nine years, Martin has been with Four-Phase Systems, Inc., as vice president of International Marketing. He was responsible for developing and expanding the company's marketing and distribution channels worldwide to include the Far East, Middle East, Asia, South America, Europe and Canada. Before joining Four-Phase Systems, Martin was assistant vice president of International Marketing at Incoterm Corporation for five years. He holds a B.S. in math from Fairfield University and an MBA

from Boston College.

Joe Meany, manager of Market Development in Technical OEM since 1983, has transferred to TBU and will report to Martin as Marketing manager of TBU's Marketing Operations. Joe joined Digital in 1971 as manager of Marketing for PDP-11 OEM, served as OEM Product Line manager from 1974 to 1979 and ECS Group manager from 1980 to 1982. Before joining Digital, he worked as Marketing manager for RCA memory products. John holds a B.S. in electrical engineering from the University of Notre Dame and an MBA from Northeastern University. ■

## A-to-Z on MicroVAX II expands markets for resellers

Digital has announced the availability of its A-to-Z Integrated Software system on the powerful MicroVAX II family of computers.

"With the advent of A-to-Z on the MicroVAX II, Digital's resellers now have the opportunity to reach new classes of potential customers and expand the market for their existing vertical applications," said Jim Willis, manager, Business Computer Group. "Small business customers will be assured that they are getting a state-of-the-art solution from a company committed to small business," he said.

A-to-Z may be used by software developers and OEMs to migrate the more than 1,600 high quality business software packages available on the VAX line of computers to the small business market, and as a development tool for additional vertical applications. "We have many software developers and OEMs bringing their software to the new MicroVAX II, and we're always looking for more applications that will benefit small business customers," said Don Byrne, A-to-Z marketing manager. In addition, there is a wide variety of programming productivity tools that expedite conversion of application software from PDP-11 based machines to MicroVAX, and vice-versa. The MicroVAX II runs all popular programming languages, and MicroVMS has a very consistent file structure to accommodate software migration.

"The industry-standard architecture of the VAX family of systems preserves a software company's investment in product development, support and training. This is particularly important as a customer's business grows," Don added.

MicroVAX II systems with A-to-Z software are intended for Digital's network of Commercial OEMs, for sale to businesses with revenues under \$100 million.

"Digital works with more than 700 Commercial OEMs and software developers worldwide to offer small business an extensive range of industry specific software solutions," said Jim.

A typical system configuration with 2 MB of main memory, 4 VT220 terminals, 71 MB of hard disk storage, one TK50 cartridge tape drive, one four-line connection unit, an LA 210 printer and a pedestal cabinet that supports 4 users on the MicroVAX II is priced at \$34,145. That price includes the VMS operating system, A-to-Z Base System and A-to-Z Word Processing. A wide range of larger MicroVAX II systems with more memory, users and disk storage are also available. The A-to-Z integrated system works with all MicroVAX II family members, and will be available for delivery in September. ■

## IVIS issued U.S. patent

Digital has announced that the IVIS multimedia workstation has been issued the U.S. Patent Number 4498098.

The IVIS (Interactive Video Information System) workstation was designed with a unique utilization of two color-encoding schemes, NTSC (National Television Signal Code) and RBG (Red, Blue, Green). The approach maintains the high resolution and full color quality of the computer-generated graphics when superimposed onto a standard, television quality picture.

The IVIS system also can provide the full color quality and synchronization of its graphics display while the other video source is searching or otherwise unusable.

The patent covers system architecture and hardware circuitry that interfaces a television quality video disk with a computer-based, high resolution, color graphics generator.

Designed for teaching large groups with varying levels of ability, the IVIS multimedia workstation integrates moving or still television pictures with computer-generated graphics, text, and stereophonic or bilingual soundtracks for colorful, dynamic, highly interactive training and informational programs.

IVIS is based on Digital's Professional 350 personal computing workstation and is marketed by Digital's Educational Services Group. ■

## Carol I. Burke named Corporate Staff manager for Personnel



Carol I. Burke

Carol I. Burke has been named Corporate Staff manager for Personnel, reporting to John Sims, vice president, Personnel.

In this position, she will be responsible for leading the integration

of line and staff Personnel resources, providing integrated methods of developing and implementing policies and programs across all organizations, and for helping to increase efficiency of Personnel services delivery.

Carol has been Personnel manager, Marketing/Finance & Administration, since last November and will retain Personnel management responsibility for Finance & Administration reporting to Jim Osterhoff, vice president and chief financial officer. Prior to assuming that position, she served as Group Personnel manager, Systems and Clusters Engineering. A Digital employee since 1977, she has held several Personnel management positions within Manufacturing.

Prior to joining Digital, Carol was an organization consultant primarily working in school systems. She earned a B.A. from Furman University and an M.Ed. from the Harvard School of Education, where she specialized in organization behavior. ■



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 (ACO)/MAYNARD

From Derry, NH (Rt. 93), Rt. 495, Andover, Tewksbury (TWO), Lowell, Tom Coughlan DCV #109, 223-2776

From Haverhill, Lawrence, Pat LoConte DCV #129, 223-3067

##### ACTON (AKO)/MAYNARD

From Amherst, NH, Doug Ryder DCV #06, 288-7606

##### ACTON (AKO)/MAYNARD/STOW

From Millford, Holliston, Hopedale area, Bob Figuerido DCV #102, 223-3678

##### ANDOVER/TEWKSBURY

From Maynard, Acton, Littleton, Dave Harding DCV #116, 289-1101

##### MARLBORO

From Worcester, Bruce Roseen DCV #89, 231-6001

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 #105, 259-3921

From Newton, Watertown, Waltham, Brookline, Danny Mayer DCV #119, 231-6045

From Nashua, NH, Westford, MA, Jim Mahan DCV #148, 231-4446

##### MAYNARD

From Plymouth, Marshfield, Rockland, Braintree, Jack Carter DCV #1, 223-3679

##### MAYNARD/CONCORD

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

##### MAYNARD/STOW

From Chelmsford, Lowell, Rich Berger DCV #132, 223-4281

From Worcester, Shrewsbury, Auburn, Holden, Jack Downing DCV #128, 223-7492

From Brockton, Quincy, Stoughton, Canton, Dedham, Needham via Route 128, Mary Ellen Dervan DCV #131, 223-3755

From Sterling area, Clinton, Kathie Nickerson DCV #149, 223-2025

From Burlington Route 128 area, Jim Byrne DCV #108, 223-4168

##### SALEM, NH (NIO)

From Fitchburg, Leominster, Littleton (LTN), Steve LeBlanc DCV #106, 261-2348

## U.S. sales programs . . .

*Continued from page 1*

presenting the appropriate Digital solution and closing the sale are also included in the program.

SDP courses are custom designed by Digital and will culminate in the Sales Excellence Learning Laboratory (S.E.L.L.) which involves live lecture labs, self-paced video training materials, case studies, role playing and simulated sales situations.

The complete training program takes four to six months and will be offered at Digital's Hudson, N.H., site. Ability to relocate is a prerequisite to acceptance in SDP. Interested employees should send their resume to SDP Employment, mailstop OGO1-1/M11.

The second program is called the Target Sales Force (TSF). This program is designed for the employee with a current knowledge of Digital products and markets, or with some sales related experience. Wayne Furman, TSF manager, will be heading this new

organization in Merrimack, N.H.

TSF is a target sales organization in charge of making the new MicroVAX II a success through establishing new accounts and/or application penetration. TSF has set aggressive goals and will complement the existing Sales organization.

The new TSF Sales organization, which will number 200, including 50 pre-sales support positions, is designed for employees who, after a short orientation, will be prepared to aggressively pursue the MicroVAX II market.

Aggressiveness, tenacity, and determination are key traits that must be combined with a knowledge of Digital products and markets. The U.S. Field organization's goal is to fill the 200 positions by August 31, 1985. Anyone interested or who would like more information about the TSF program, should contact the TSF Hotline at DTN 264-0040. ■

## Family outing schedule . . .

*Continued from page 1*

**Sunday, September 8** — Acton (ACO), Boston (BOO), Westboro (YWO), Concord (VRO), Waltham (FJO), Auburn (FIO), Bedford (HNO), Maynard (MSO), Acton (RGA), Holyoke (WDO), Harvard Business School (XEO)  
Outing Manager: Sylvia Hill 281-5613

**Saturday, September 14** — Northboro (NRO), Boylston (BYO, HRO), Hudson, MA (HUO), Westboro (WZO, WFR), Worcester (WCO), Auburn (FIO)  
Outing Manager: Marcia Castellani DTN 234-4056

**Sunday, September 15** — Parker Street (PKO1, PKO2, PKO3), Waltham (WAO), Stow (OGO), Westford (WJO), Boston (BXO), Somerville (BNO), West Concord (CFO1, CFO2), Sudbury (VGO), Westboro (WSA).  
Outing Manager: Betty Daigle DTN 223-9910

**Saturday, September 21** — Salem, NH (NIO), Chelmsford (ICO, CHM), Nashua, NH (ZKO), Contoocook, NH (DOO)  
Outing Manager: Eileen Cuff DTN 261-2455

**Sunday, September 22** — Merrimack, NH (MKO), Hudson, NH, (HDO, HZO, QLO, UHO), Manchester, NH (MHO), Nashua, NH (DDD, NMO, NNO, NPO, NQO, NUO, NXO, NHO, OWO)  
Outing Manager: Jeanette Renna DTN 264-5579

**Saturday, September 28** — Andover (APO), Littleton (LJO, LTN), Tewksbury (TWO), Lawrence (VWO), Southboro (HYO), Weston (RIV), Haverhill (HNK)  
Outing Manager: Karin Pastuck DTN 289-1205

**Sunday, September 29** — Woburn (WOO), Burlington (UFO, OFO, FPO, BRL, RMS), Wilmington (ZWO), Salem, NH (NSO), Lowell (LWO), Bedford (BUO), Billerica (BKO), Salem, NH (IMM), Burlington (BRL, RMS), Providence, RI (PVO)  
Outing Manager: Sheila Demichele 236-2292

**Saturday, October 5** — Westminster (WMO), Shrewsbury (SHR), Natick (NAO)  
Outing Manager: Bonnie Steadman DTN 241-3244

**Sunday, October 6** — Hudson, MA (HLO, USO), Acton (AKO), Littleton (LKO), Marlboro (LMO), Westford (WVO)  
Outing Manager: Jan Rodil 225-6131

**Saturday, October 12** — Mill (MLO, BGO)  
Outing Manager: Sonja Rasmussen DTN 223-5402

**Sunday, October 13** — Marlboro (MRO), UPO, MOO, BPO, IND), Franklin (FXO)  
Outing Manager: Marilyn Perry DTN 231-5208 ■

# THE MARKETPLACE



## Notice

Due to a continuing backlog of Marketplace ads and limited space, DTW readers are requested to use Marketplace strictly for advertising that is not time-critical.

The Marketplace is designed to be a timely, effective way for employees to buy, sell or rent. However, due to the abundance of ads received, there is typically a four to eight week backlog. This causes many ads to become invalid by the time they are published.

It is suggested that readers use bulletin boards, local newspapers and classified advertising publications to publish time-critical ads. ■

## APPLIANCES

ELECTRIC STOVE, GE, self cleaning oven, excellent condition, \$150 or best offer, Joan, 289-6890

AIR CONDITIONER, Amana Energy Saver, 8200 BTU's, exc cond, \$300 or best offer, Donna, 249-4598

FREEZER, 19 cu ft, chest, white, 2yrs old, exc cond, \$700; STOVE, brown, works, \$20, Pat, 225-4459

GAS RANGE, Caloric, coppertone, 4 burner, oven, broiler, exc cond, \$75, Steve, 231-6442

WASHER/ELEC. DRYER, good cond, \$200; PORTABLE OVEN/BROILER, \$15, Joanne, 275-6240

GAS RANGE, Caloric, 30", white, self clean oven, ultra ray broiler, rotiss, v gd cond, \$250, Ted, 279-5415

## CARS

'84 VW RABBIT GTI, black, red int, sunroof, rustprf, AM/FM cass, \$7300, B/O, Paul, 285-6140

'76 PLYMOUTH Valiant, 6cyl, auto, 4dr, exc cond, orig owner, \$1250, Jim, 264-6176

'76 CHEV MONTE CARLO, maroon, restored, new pnt, sunrf, st/cass, mint cond, \$2500, Carl, 285-6214

'74 CHEV MALIBU Classic, 4dr, PS, PB, AC, AM/FM stereo, 70Kmi, \$500, Kathy, 231-5570

'80 TOYOTA CELICA GT coupe, 5spd, AM/FM stereo, 69Kmi, exc cond, \$4000, Lisa, 273-3285

'83 TOYOTA CELICA GT-S, 25Kmi, grey/bl, all opt exc AC, Cooper pro60 tires, B/O over \$10K, Alan, 272-7309

'79 FORD COURIER, 59Kmi, no rust, 1 dent, long bed, 4spd, 1.6 liter, \$2200, Gary, 231-4089

'73 MUSTANG conv, classic, 4 new tires, rebuilt trans, exc cond, \$3800, Carol, 234-4553

'82 DATSUN 200SX, 5spd, AM/FM, AC, lt blue, exc cond, 66Kmi, \$5700, Sandy, 231-4936

'79 VW RABBIT, runs well, looks good, AM/FM stereo, 4spd, \$1200, Jim, 236-2326

'75 TOYOTA COROLLA, 4spd, 72Kmi, good cond, two snow tires, \$700, Henry, 229-6417

'81 DATSUN 310GX, exc cond, 4 spd, AM/FM cass, sunroof, \$2995 or B/O, Lauren, 247-2604

'84 SUBARU GL WAGON, white, AM/FM st, rw/dfg, rf rck, dk blue int, exc cond, 33Kmi, \$7200, Marty, 247-2734

'74 PINTO WAGON, runs, some body rot, passed safety inspect, \$200, B/O, Len, 225-6271

'79 VOLVO, 4spd, 2dr, AM/FM st cass, bkt seats, exc cond, no rust, extras, \$4850, Linda, 288-6557

'66 CHEVY VAN, 350 4-bbi eng, sunroof, bed, table, 3spd, \$375, Nancy, 289-6824

'79 FORD MUSTANG, htcblk, 4spd, 4cyl, lt blue, rads, AM/FM, new exh sys, gd cond, \$1800, Suzan, 285-6247

'81 AMC CONCORD DL WAGON, low mi, exc cond, runs well, AC, snow tires, \$4380, Dick, 288-7508

'75 VW, fair cond, needs some body work, \$1000, Kathy, 228-2007

'83 PONTIAC 6000, 4 cyl, 4dr, auto, air, AM/FM, cruise control, 60Kmi, great car, \$6000, Frank, 232-2548

'78 CHEVY WINDOW VAN, excellent for work or play, \$2000, B/O, Mark, 251-1016

'82 RX7 MAZDA GS, white, AM/FM cass, cruise, fog lights, 25Kmi, exc cond, \$8500, Victoria, 275-6202

'78 OLDS ROYALE, 231 V6, 4dr, ps, pb, AM/FM, no rust or dents, runs+looks good, \$3000, B/O, George, 223-6967

'84 PONTIAC 6000, 4dr, red, V6, great cond, goodies, 19Kmi, \$8000, B/O, Paul, 225-6089

'84 CHEVY BLAZER, Silverado, auto, AC, AM/FM cass, rst prf, 17Kmi, mint cond, B/O over 13K, Steve, 223-3538

'84 CAMARO, bik, ps, pb, AC, 6cyl, auto, ZF sports pkg, sunroof, expensive AM/FM cass, 22Kmi, Bill, 229-6371

'81 CHEVY C-10 TRUCK, custom deluxe, bik, 6cyl, 6' bed, fbrglis cab, AM/FM cass, \$6000, B/O, Larry, 234-4591

'80 DATSUN 510, 4dr, htcblk, 5spd, AM, 58Kmi, exc cond, getting company car, \$3000, Fred, 274-6838

'80 CHEVY CAMARO COUPE, blue, snrf, radials, 69Kmi, AM/FM stereo cass, exc cond, \$4300, Kelly, 262-8480

'76 DODGE ASPEN WAGON, auto, 115Kmi, good mech cond, some body rot, many new parts, \$550, Jim, 282-2351

'82 HONDA ACCORD LX, htcblk, exc cond, 5spd, AM/FM st cass, ps, pb, AC, burgundy, \$6500, Beverly, 273-3406

'76 FORD MUSTANG, runs+looks good, sunroof, rustproofed, \$1600, Nancy, 275-6428

'82 BUICK SKYLARK, 4dr, AM/FM, sunroof, HO V6, 4spd, rw defog, 58Kmi, \$4000, Mary, 225-4468

'65 VW BUG, (parts car), engine very good, many spare parts, \$200, Deborah, 237-2278

'80 BUICK SKYLARK LTD, 4dr, AC, stereo, cruise, much more, one owner, 50Kmi, \$3850, Dick, 288-6645

'83 FORD ESCORT GT, mint cond, sporty, reliable, 30+ mpg, sunrf, desperate, sell for \$4500, Doug, 241-3618

'82 TOYOTA PICK-UP, 4 wheel drive, SR5 package, 5spd, good on gas, \$6500 firm, Lou, 223-3572

'71 TRIUMPH SPITFIRE, restored, mint cond, must be seen, Jeanne, 251-1237

'79 TOYOTA COROLLA SR5, liftback, AM/FM stereo, good condition, \$1800 or best offer, Lori, 278-4052

'75 PONTIAC ASTRE, no rust, auto, 73Kmi, dependable, ps, pb, AC, AM/FM, must sell, \$650, B/O, Cheryl, 223-5110

'84 OLDS CUTLASS CIERA, 2dr, ps, pb, AC, auto, AM/FM, rw dfg, blue, cloth int, 29Kmi, \$8600, Peter, 236-2843

'78 TOYOTA CELICA, iftbk, brown/tan int, auto, AC, 2 new tires+brks, 62Kmi, gd cond, \$2300, Cathy, 231-6299

'78 VW CAMPER, pop top, hi mileage but runs sound, well below book, must sell, \$3250, Steve, 276-9181

'79 FORD PINTO WAGON, yellow, auto, \$750, Felix, 249-4713

'79 HORIZON, manual trans, AC, AM/FM st cass, runs beautifully, 30+mpg, 100Kmi, \$1500, B/O, Jay, 223-2614

'76 CAMARO LT, blue, AM/FM st, new tires, brakes, frnt end parts, tuned, great cond, \$2,000, Kathy, 231-4105

'79 DATSUN 210 WAGON, 5spd, std, low mi, sunrf, AM/FM quad tape, new batt+brakes, \$3450, David, 276-9181

'83 MITSUBISHI CORDIA LS, exc cond, sports dash, 8 spd, loaded, must see, \$6750, Vinny, 275-6300

'82 DODGE ARIES, 2dr, sunrf, vinyl rf, auto, ps, pb, cruise, 32 watt Alp/Pio cass, \$3450, Bob, 231-3450

'68 VOLVO 144S, 2door sedan, good cond, 166Kmi, many new parts, \$750, Myron, 273-3425

'76 SAAB, 4dr, new exhaust, new clutch, restored cond, 1 owner, \$3000, Paula, 231-6647

'78 DODGE OMNI, no rust, runs good, engine needs valve job, \$650, B/O, cail 2nd shift, David, 279-5459

'83 VW RABBIT PICKUP, 4cyl, 4spd, AM/FM cass, sliding rear window, 34Kmi, \$4600, Dianne, 223-4216

'84 MAZDA LONGBED PICKUP, 5spd, snrf, sliding rear window, custom tarp, AM/FM, 45Kmi, \$4500, Jim, 232-2630

'80 AMC CONCORD DL, 49Kmi, great cond, standard, burgundy, velour int, \$2800, Mary, 269-2331

'82 HONDA ACCORD, 5spd, AM/FM stereo, rustproofed, 40mpg, excellent cond, 69Kmi, \$4700, Ray, 273-3373

'80 FORD FAIRMONT, 4cyl, 4spd, AM/FM stereo cass, 60K mi, must sell, \$2200, B/O, Fay, 223-1148

VOLVO 264 GL, 4dr sd, good cond, sunroof, elec windows, auto, AC, AM/FM cass, \$4000, Jane, 231-6905

'79 VOLVO 242 DL, very clean, 89Kmi, Michelin snows, recent batt, brakes, struts, \$4500, Ingrid, 276-8624

'72 AMC HORNET, blue, gd mech cond, some body rust, new tires & muffler, \$550, Eric, 223-3971

'77 FORD GRANADA GHIA, 8cyl, 2dr, auto, 81Kmi, AC, AM/FM, \$900, B/O, Tad, 231-7800

'76 VALIANT, 4dr, 63Kmi, vinyl top, auto, AC, AM/FM, well maintained, \$1000, Mark, 225-5422

'77 FORD GRANADA, 2dr, 6cyl, radial tires, very good condition, orig owner, \$1500, Jean, 237-3450

'77 SAAB 99 EMS, sunrf, AM/FM, rw dfg, new batt, brks, shocks, fuel inj. sys, \$2750, B/O, David, 231-4165

'81 DATSUN 280 ZX, 2x2, T-top, auto, tot new int, wheels, tires, 40Kmi (30K in Cal.), \$10K, Ann, 231-7924

'81 DATSUN 4x4 PICKUP, bik, Northindr cap, step+tow, slid cab wndw, AM/FM, \$5900, B/O, Bruce, 225-4161

'75 ALFA ROMEO CONV, fun to drive, runs great, leather int, AM/FM cass, some rust, \$2K, Bill, 225-4961

'78 BUICK SKYLARK, V6, 4spd, good tires, AM/FM cass, exc body, new paint, \$2000, B/O, Traci, 251-1981

'80 FORD FIESTA, yellow/brwn int, AM/FM, new tires, exhst, batt, good care, book \$2450, B/O, Rick, 223-7748

'76 DODGE ASPEN, 6cyl, 80Kmi, ps, gd tires, (new front), runs gd, some rust, \$500, B/O, Debbie, 249-4621

'26 MODEL "A", top shape, all original, \$12K, Debbie, 282-2060

'82 PLYMOUTH RELIANT (SE), AC, cruise, 64Kmi, dark green, HD shocks, asking \$3700, Mike, 231-6417

'81 CHEVETTE, 4dr, silver, AM/FM, rstprf, new exhst sys, springs, batt, exc cond, \$2650, Donna, 278-4093

'76 TRIUMPH TR6, conv, red, new top, new clutch, garaged, exc cond, \$6000, Tom, 236-2874

'75 MERCURY BOBCAT, blue, 2dr, htcblk, V6, auto, ps, 90K mi, good running cond, Ben, 231-5811

'81 AMC CONCORD DL WAGON, low mi, exc cond, runs well, AC, snow tires, \$4380, Dick, 288-7508

'78 PONTIAC LEMANS WAGON, ps, AC, 95Kmi, fair cond, nds work, sell for fair price, Gil, 289-1021

'85 HONDA CRX, blue, mint cond, 10Kmi, iowre, AM/FM, Rusty Jones, 5yr serv contract, \$8400, Ted, 279-5826

'79 HONDA CIVIC, htcchk, AM, roof rack, 80Kmi, terrific running cond, \$1300 negotiable, Robin, 289-1024

'84 CAMARO Z-28, red/bk, AM/FM cass, HO engine, 5spd, T-top, AC, pw, 36Kmi, \$12,000, Peter, 248-4152

'81 DATSUN 280 ZX, blue/silver, loaded, 40Kmi, ultra-perfect cond, must sell, \$7850, B/O, Dave, 221-5247

'81 MAZDA 626, grey, 4dr, AM/FM, 4 spkr sound, sunrf, exc cond, pw, cruise, new tires, exh, \$4200, Dan, 223-9464

'84 CHRYSLER LEBARON, white, 2dr, bkt seats, rstprf, 30mpg, AM/FM cass, rw defg, \$8400, B/O, Mark, 277-7150

'83 CHEVY CAVALIER, standard, 18Kmi, 5 pass, good condition, asking \$4900, Jack, 223-5604

'82 NISSAN STANZA, blue, 4dr, htcchk, AC, 5spd, fwd, ps, AM/FM, more, exc cond, 63Kmi, \$4600, Bernice, 223-5086

'84 FORD THUNDERBIRD, turbo coupe, EPI turbo engine, 27Kmi, loaded, 5spd, \$9200, Jerry, 279-5080

'80 FORD MUSTANG, 69Kmi, grey/red, AM/FM, 4cyl, auto, good gas mileage, \$2700, Linda, 223-7642

'84 SAAB TURBO, mint cond, 3dr, well kept, walnut, sunroof, chapman, foxs, \$13,900, Greg, 231-2258

'78 DATSUN F-10, 2dr, 4spd, front wheel drive, AM/FM, some rust, reliable, \$850, David, 225-5030

'81 DATSUN 280 ZX, 5spd, GL pkg, met blue, mint cond, 28Kmi, stored Oct-May, cover, \$9900, B/O, Ron, 248-4123

'78 TOYOTA COROLLA, 4dr, 5spd, exc cond, AM/FM cass, new tires+snows, \$2200, B/O, Cathy, 223-2787

'72 VW SUPER BEETLE, runs well, sunroof, \$650, Fred, 283-7607

'67 CAMARO, classic 327 8cyl eng, ps, auto, red/bk, 110 actual mi, rebuilt eng, \$2500, Carole, 276-9953

'84 SUBARU GLC, sed, 4wd, ps, pb, pw, snrf, Chpmn lock, rstprf, AM/FM, exc cond, \$9500, B/O, Marilee, 223-3627

'82 AUDI 4000, 2dr, 5spd, cruise, AC, AM/FM cass, svlr, blue cloth int, new eng, \$8200, Ralph, 283-7642

'84 MUSTANG GT, conv, red/bk roof, charcoal grey int, exc cond, \$12,000, B/O, Ariene, 288-6169

'74 AMC HORNET, 4dr, 6cyl, auto, ps, new exh, tires, batt, 2snws, gd cond, 100Kmi, \$700, Nai-Yan, 229-6645

'82 VOLVO TURBO, 2dr, silver, loaded, 50Kmi, \$10,000, B/O, John, 225-5187

'78 TOYOTA COROLLA, blue, 5spd, 2dr, 68Kmi, runs great, \$1800, Mike, 288-7443

'77 OLDS CUTLASS, AM/FM, rebuilt trans, new radiat, body nts some work, rllabl, \$600, B/O, Adele, 223-5715

'75 AMC PACER, 6cyl, 69Kmi, \$900; '76 HORNET WAGON, 6cyl, \$700, Dale, 237-3708

'80 TOYOTA COROLLA L/B, 5spd, AM/FM cass, 4spkrs, 4new brakes, exc mpg, good body, 76Kmi, \$3600, Ken, 229-6606

'69 CHEVY CAMARO, gd cond, 8cyl, auto, runs exc, new rad+muff, exc tires+snows, \$2100, B/O, Kelly, 292-2432

'80 VW RABBIT, 63K miles, good shape, \$2000 or best offer, John, 225-5129

'84 FORD RANGER, blue, 5spd, AC+more, \$8200; '83 CHEV S-10 BLAZER 4x4, blk, 5sp+more, \$9350, Terry, 275-6113

'80 CHEVY MALIBU CLASSIC, 4dr, auto, AC, tinted glass, AM, good condition, \$3000, Susan, 272-7080

'81 PEUGEOT, 504 diesel wagon, auto, AC, pb, ps, low mi, radials, exc cond, \$8000, Eileen, 231-6036

'83 TOYOTA CELICA GTS, immac cond, loaded, AC, rstprf, chapman, dealer maint, \$9200, Bruce, 247-2044

'78 GMC 3/4 TON PICKUP, 4spd, 6cyl, AM/FM cass, runs well, \$2700, Mary Lou 231-2360

'77 TOYOTA CELICA GT, brown, 5spd, sunrf, exc running cond, \$79Kmi, asking \$2000, Jeanne, 234-5288

'79 MAZDA GLC, blue wagon, rfrck, rstprf, \$1500; '82 PLY CHAMP, 4dr, blue, 40mpg, \$3500, Denise, 272-7143

'81 DODGE OMNI, frnt whl dr, auto, wh/red, AM/FM st, runs exc, many new parts, \$2800, B/O, Jo, 235-3573

'80 PLY HORIZON, 4dr, 4spd, AC, AM/FM, 104Kmi, few dents, cloth seats, \$1200, B/O, Bob, 275-6168

'79 HONDA ACCORD H/B, AC, AM/FM cass, power string, 52Kmi, 5spd, \$3000, Ed, 225-6516

'80 TOYOTA CELICA GT, coupe, 5spd, AM/FM stereo, exc cond, 69.5Kmi, \$4000, B/O, Lisa, 273-3285

'84 PONTIAC FIERO, white/grey int, 8100mi, luggage rack, AM/FM, exc cond, \$9200 firm, Ruth, 259-3772

'81 TOYOTA COROLLA, silver, 5spd, 47Kmi, AM/FM stereo, exc cond, \$4100, Mary, 223-5797

'78 CHEV MALIBU, 50Kmi, exc cond, new paint, \$2000 or best offer, Mike, 274-6743

'83 SUBARU GL, 4wd, wagon, metallic maroon, AC, roof rack, Rusty Jones, iow mi, \$6500, Peter, 223-8219

'71 VW BEETLE in excellent running condition, \$695 or best offer, Shyan, 225-5434

'77 AUDI FOX, 2dr, sunroof, AM/FM, 4spd, std, red/tan int, snows, new brakes, 57Kmi, \$1600, Joan, 292-2505

'81 VW RABBIT, 59Kmi, 4dr, AM/FM cass, no rust, exc cond, lt blue, \$3300, B/O, Liz, 223-7001

'81 DODGE OMNI 024, silver, blk, cloth seats, AM/FM st, rw defg, 36Kmi, must sell, David, 273-3323

'78 CORVETTE, silver anniv, T-top, good cond, auto, AC, 4 new tires, Joyce 223-5472

'81 FORD F100 Custom, 1/2 ton pickup, 6cyl, 3spd, no rust, exc cond, stereo, \$3800, B/O, Bob, 231-4837

'82 TOYOTA COROLLA, SR-5, exc cond, \$5100, B/O; '79 CHEVY CAPRICE, good cond, \$3000, B/O, Ellen 231-6122

'79 VW RABBIT DIESEL, 4dr, AM/FM cass, good body, runs well, \$2395, Frank, 223-4029

'79 AMC SPIRIT, htcchk, 4spd, 6cyl, AM/FM cass, sunrf, new exh, gd cond, \$1500 or B/O, Dave, 229-6615

'83 SUBARU, 5spd, AM/FM st, lug rk, FW drive, rw defg, 61Kmi, mint cond, \$5500, Bill, 223-0430

'82 DODGE CHALLENGER, blk, 4wh disc brakes, alum whls, many extras, exc cond, \$5500, Jim, 223-5198

'84 SAAB 900S, 4dr, 5spd, std, AC, sunroof, silver met, 30mpg, exc cond, 36Kmi, \$13.5K, B/O, Jim, 225-4725

'79 OLDSMOBILE, Delta 88 Royale, burgundy, 4dr, ps, pb, AC, pw, AM/FM, exc cond, \$4500, Gwen, 223-4295

'80 CHEVY CITATION, 4dr, htcchk, V6, auto, ps, pb, AC, AM/FM, 68Kmi, \$2500, Maryan, 223-6877

## FURNITURE

WATERBED, king, fiber-filled, motionless, 4 poster oak, top of line, exc cond, \$450, Claudette, 276-8559

KING SIZE BED, good condition, orig. \$700, asking \$150, Diane 251-1641

WATERBED, king size, pine, motionless, used 3 months, complete, \$250, John, 223-3332

MATTRESS, twin size, Posture-Medic III, 12 mos. old, new cond, paid \$120, asking \$75, B/O, Bill, 274-6722

METAL DESK, center drawer, 2 side drawers, \$50, Susan, 228-2087

BEDROOM SET, 5pc French Provincial, \$300, also gold frame mirror+maple Magnavox stereo, Fred, 231-5965

COUCH & CHAIR SET, gold herculon colonial fabric, \$200 set, or separate, exc cond, Carl, 285-6214

CHINA HUTCH, small, white, \$65; OAK KITCHEN HOOSIER, \$550; TRAIN SET, \$45; TABLES, \$30, Beverly, 321-4232

WATERBED, 4poster w/wheat carved headbrd, waveless, used 1 yr, paid \$800, sell for \$500, Bud, 249-4792

ZENITH STEREO, \$100, B/O; PHILCO STEREO, \$30; 2 custom Fr. Pr. CHAIRS, \$75; BARCALOUNGER, \$65, Dottie, 277-7123

## MISCELLANEOUS

UTILITY TRAILER, 6 ft wide, 9 ft long, 15 in. rims, \$300, Rick, 223-3743

NIKKO NR-615 AM/FM STEREO RECEIVER, Kenwood Auto-Cut turntbl, OHM 3-way speak, \$350 Nancy 282-2442

SET 4 TRUCK RIMS, 15" 5x5, 5 hole, fit Ford F100, 150, 250, \$180 for 4, \$100 for 2, Jack 284-3026

LEATHER MOTORCYCLE JACKET, brwn, 42reg, nvr used, \$150; Fender bass guitar/case, \$175, Dan 223-9884

HITACHI Col TV \$149, Sears Col TV \$99, Vacuum \$25, Garden Swing Set \$45, skis-more, Phil, 276-9442

ANIMAL TRAP, wont maim or kill, good for racoon/sm animals, inst. incl, new \$55, ask \$40, Claire 223-7159

UTILITY TRAILER, 4x6', tail lights, leaf springs, 13 in wheels, good condition, \$100, Nick, 223-2557

RECEIVER & TURNTABLE, Pioneer 20w, Technics auto bit drv, used 1 yr, exc cond, \$100 both, Mark, 251-1016

GUITAR, Gibson Les Paul Standard, 1976 Sunburst, good cond, nice action, \$450, Frank, 223-7804

SHARP 19" Color TV, excel cond, 3 yrs old, cable ready, not used much, \$175, Arnie, 232-2258

ALTO SAX, Bundy, good cond, w/case, \$350 Andrea, 251-1260

STEREO-HEATHKIT 70W RECEIVER, BIC turntbl, TEAC Dolby cass, deck, AR speak, \$375, Dick, 288-6645

PILOTS-25% share in IFR certified C-35 Bonanza, \$4000, flies for \$8. per hr dry, Bob, 231-4694

SEWING MCHN, Viking 120, exc cond, freearm, bttnhl, zigzag-access, inst. bk, grt gift, \$300 Pat, 236-2494

TIRES & RIMS, 2 Firestone 721 st beit radial on rims, Sz P235/75R15, low mileage, \$60, Al 223-4338

CAMERA, Keystone XR100 C110, built-in flash works fine, \$12.00, Bob, 236-2614

ROYAL ELEC. TYPEWRITER, excel cond, \$50, Kathie, 223-2025

SUMMER WEDDING GOWN, sz 10, white, excel cond, \$100, Fawn, 223-5413

TWINTEC RUNNING SHOES, used only 2x, knees, only \$50, (new \$68), Top/line S.9-1/2, Peter, 223-6329

CARPET, all-wool, new, handwoven Indian carpet, excel quality, \$850, Anoop, 258-4144

MOVIE PROJECTOR, Bell&Howell, Lumina II-MX33, S-8 or R-8 mm select, zoom lens, \$110, Aaron, 231-6463

FIREWOOD, cut, split, delivered, \$100/cord, Beverly, 223-6056

CABBAGE PATCH DOLLS (2), brand new, still in original box, \$35 each, Sue, 223-8254

ACOUSTIC COUPLER, "Omnic" full or half duplex 300 baud modem, \$40.00, John, 223-2538

LA34 Printer w/tractor feed, dust cover, cables, exc. cond, \$500, Claire, 223-7159

VIOLIN, with case, tuning fork, metronone, good condition, \$100, Anita 231-4715

TEAK BOOKCASES (3), 6' tall, like new, \$55 ea, Ed, 223-3756

CASSETTE DECK, SONY TC-12SD, excel perform, needs work-eliminate hum, \$25 or b/o, David, 229-6743

CABBAGE PATCH DOLL, original box, papers, red hair, pacifier, \$35, Larry, 223-4135

GUITAR & AMP, Deslauriers 6-string, \$70, w/case \$80, New 50 watt amp, \$90; everything \$150, Tom, 279-5237

OAK COFFEE TBL \$50, dble tube bumper \$50, csstte & AM/FM radio \$30, Kemore w/mach \$200, Judy, 223-3652

NELCO (Japanese) SEWING MACHINE, like new-one owner, zig-zag, built-in btnholer, B/O, Evelyn, 269-2106

PAINT, Benj. Moore MOORGARD, ext. latex, grayish blue, brand new, 4 gallons, \$35, Rick, 223-5058

PLAYPEN, Pride-Tribble, w/mattress & pads, excel cond, \$50, Tom, 223-2648

YAMAHA E3 CONSOLE ORGAN w/full pedals/rhythm sec, Leslie cbnt, like new, \$1,990 or b/o, Ellen 223-4391

ALTO SAX, good student or starter sax, with case, \$50, Frank, 251-1918

BABY CAR SEAT, "Stroicee", blue vinyl cover, \$40; exercise bike, nds some parts, \$30, Tim, 231-2297

DIAMOND RING w/subtle brushed 14K-gold setting, value \$3,000, must sell, B/O John, 275-6150

ROTOTILLER/TRAILER, Sears Crtman, exc. cond, tri new good 5 maker, \$400 or B/O, Joe, 289-1389

SPEAKERS, Peavey Scorpions rated 150 watts RMS, 300 peak, \$40 each, Don, 289-1752

TELEPHONE ANSWERING MACHINE, Panasonic KXT 1515, w/remote ans. device, \$70 or b/o, Lois, 223-4796

VT100 ROBIN, CPM, multiplan, mbasic, select, 2 floppies, LA34, \$1150, Wait, 288-6689

FDT150 & LA36, incl floppies, paper, manuals, ribbons, etc., excl cond \$550, George, 223-5472

FLOWERBOXES, 3' long, clear western cedar, 8" deep/wide drain holes, no rust, \$10 ea-3/\$25, Rita, 292-2567

RAINBOW 100 Monochrome sys, LA50, CPM, select-86, \$1300 or trade for Appie II E, Chuck, 223-1895

DOGHOUSE, lge, 37"x46", bought new from Concord Lumber for \$150, B/O, Richard, 234-4828

LLOYDS STEREO, AM/FM cass, mono & stereo/phone, 2 desktop spkrs, mint cond, \$90, Ron, 231-4661

RADIAL ARM SAW, 10" Crtsmn w/stand, new cond, \$300, table saw, 8" Rockwll w/stand, \$100, Tom, 223-3234

POOL TABLE, 100 yrs old, Oliver Briggs, champn size, leather pck, disassembid, \$1250, B/O, Tim, 276-9569

WOMEN'S DESIGNER SUITS, summer, fall, wntr, like new, size 6-8, B/O, Bill, 223-6364

WATCH, Mondava Swiss Ladies Sport, bik band, nvr used, retail \$235, ask \$180, B/O, Mare, 223-3803

LQPR2 Printer w/bi-directional tractor, still in boxes, \$1000 or B/O, Paul, 241-3001

RECEIVER w/8 track tape cassette input, good cond, wood cabinet, \$35 or B/O, Carol, 237-3525

BIKE, men's 23 inch Raleigh, \$100; AKAI cassette deck \$100; Hitachi turntable \$100; Carl, 279-5427

RADIAL SNOW TIRES (2) on Honda Civic Rims, 155SR12, brake shoes, oil filter, \$39 the lot, Tony, 223-6007

ROBIN VT180 w/2 disk drives, \$1200/B/O, LA50 printer negotiable, Paula, 231-5336

ROBIN VT180 w/quad disk, LA34 select, multiplan basic, other prgrm/games, \$1300/B/O, Jun, 234-4738

CALCULATOR, HP11C \$60; car stereo, Blaupunkt CR4000, \$125; car cover, Saab 99 Htchbck \$40, Phil, 223-4187

RANGE HOOD, 30" w/fan & 2 lights, harvest gold, mint, \$35, Barbara, 223-9375

WOOD/COAL STOVE, Coalbrookdale Severn, used 1 seas, almond porcel. sides & front, \$500, Bill, 268-3322

BOOK, "Greater Boston 85" restaurant coupon bk, never used, \$16 new, price \$5, Vera, 237-3287

PLAYPEN, various toys, \$25 for playpen, various prices for toys, David, 231-7524

CUSTOM TIRE RIM, 5 lug, off 81 Chevy Pickup Silverado, \$20, Mary, 223-5980

CHROME WHEELS (4), 14" for 6 lug hub, incl chrome ctr caps, lug nuts, \$100/set, Claudia, 228-7643

MOVING IN SEPT, sell various furn, & some antique furn, many misc items, Pam, 225-7065

### MOTORCYCLES

'71 HONDA 450, 12K mi, very good cond, \$375, Mike, 288-6656

'78 SUZUKI GS550, 7K mi, very clean, great begin bike, can be seen/Worc., \$1200, Michael, 225-4295

'83 YAMAHA 100 ENDURO, street legal, road or dirt, 2.5K mi, ex cond, \$650, Bob, 225-4261

'81 YAMAHA MAXIM 650, bik, 13K mi, shaft dr, luggage compart, crash bar, new tires, \$1500, Chery, 282-2374

'73 HONDA CB450, \$250, Rick, 223-3743

'79 KAWASAKI 400LTD, 11700 mi, good cond, new rear tire, chain, sprockets, \$550, Dave, 235-3225

'82 HONDA CM450E, mint cond, 1200 mi, 1 owner, cover, helmet, \$800 firm, Kathy, 223-7615

'82 HONDA 750 Nighthawk, exc cond, 10K mi, 2 helmets, super-trapp, extras, \$1500, Gary, 231-2139

'81 HONDA CB650 bi, exc cond, low mileage, 4 cyl, best offer, Woody, 288-6137

'85 SUZUKI GS550E, 600 mi, \$2,200, Calvin, 223-6704

'81 YAMAHA Virago, 750cc, shaft dr, 3100 mi, \$1750 or b/o, Jack, 223-4934

'75 HONDA CB200, silver, good cond, 7800 mi, orig owner, rack, \$375, B/O, Harold, 223-7157

'72 HONDA 450CC, custom seat, needs sm work, great for parts, \$200, Keith, 231-5894

'82 HONDA CB750K, (new 1/85), 1150 mi, 3 helmets, cvr, Eclipse tank bag, \$1850 or B/O, Chuck, 289-6895

### PETS

HORSE TRAILER (Kingston '71), white, very gd cond, new tires, solid floor, \$1800 or B/O, Marianne, 232-2491

DOG HOUSE, 4' high, 4' deep, 2' wide, \$49.95 firm, Arnie, 232-2258

COON CAT, information wanted on where to purchase, prefer kitten, Joyce, 278-4840

FREE GERBILS, Marsha, 276-8477

LAB RETRIEVER PUPS, AKC, blacks & yellows, \$300, available late August, Joe, 231-5027

WONDERFUL AKC SPRINGER SPANIEL PUPPIES, champion bloodlines, avail late Sept, John, 223-5951

PUPPIES, 50% purebred border collie, adorbie blk&wh, born 7/10, \$10, Heidi, 231-4859

ENGLISH SPRINGER SPANIEL PUPS, AKC regist, ready 8/10, \$150-\$200, Sibby, 231-7456

FREE KITTEN, seeking good home for 8-wk old male kitten, bi w/wh paws, Alan, 231-6657

### REAL ESTATE

HOUSE, W Boylston, cape, 3 bdrm, kit, ir, dr, den, 1 1/2 bath, garage, 2 frpl, fl bsmt, \$124900, Ted, 223-5387

CONDO, Wakefield, 2bdrm, crnn unit w/bai, full kit, 2 pk. sp. fee inc ht/hot wat, \$95900, Laura, 247-3027

HOUSE, Hopkinton, loaded w/everything, easy access to Rt. 495, Ma. Pike, \$230K, Connie, 231-2196

CONDO, N. Chelmsford, brnd new Adams Condo, new appl, end unit w/2 bdrm, 1 1/2 bath, \$94.5K, Kin, 225-6885

TOWNHOUSE, Tyngsbro, contemp, 2bdrm, 1 1/2 bath, garage fpl, cath ceil, priv. 2 unit bldg, \$95K, Dan, 279-8769

HOUSE, Hudson, 4bdrm coi, 2 1/2 bath, lg kit, flrm, 2car gar, scrd pch, 1+acre, \$180K, avail 9/1, Lori, 279-5590

1930 CAPE, 2bdrm, ir w/cath ceil, dr w/fpl, cnty kit, nr Chlstwn beach, RI, \$84500, Brenda, 283-7427

HOUSE, Billerica, 10rm cust. split, 5bdrm, 2bath, 2fpl, 20x45 inground pool, exci cond, \$180K, Bob, 223-5495

HOUSE, Upton, 3bdrm, 2 1/2 bath, f.rm w/stve, ir w/fpl, lg deck, 2+ acres, \$189900, Bob, 237-3779

CONDO, Hudson, 2bdrm, 2bath, deck, full garage, cent air, \$106900, Joe, 273-3262

WESTFIELD/MONTOONERY line, 83 acres under wdlands w/700' road front, sm ponds&brook, \$79K, Jack, 223-6196

VACATION HOME, 4seas, foliage, ski, tennis, beach, pool, 3bdrm, 2bath, priv acre, furn, \$62.9, Nancy, 231-2302

STOWE, VT. chalet, 7.5 acre, pond, 4 bdrm, 1 bath, cath cell ir, ktch, den, deck, hdw. fl, ww, Joan, 249-4610

CONDO, Mariboro, 2bdrm, on Rt 20, exc. loc, ige kit, \$70K, Chris, 225-5275

CONDO, 2bdrm, 5.1 mi from MK-1, garage, tennis, pool, reserve/people 45-older, \$60900, Joe, 264-5999

### RECREATIONAL VEHICLES

'71 DELRAY CAMPER, slips 6, bath, shwr, elec st, refrig dbl sink, htr, 50 gal tank, \$1500, Bill, 241-3930

12' SEA-NYPH boat plus 4.5hp Mercury & Trailer, spare tire, bearing buddies, \$1000, Ed, 231-6340

SAILBOAT, 14' Force 5 (laser class), w/Dilly Trailer, both excl. cond, \$1595, Owen, 231-4005

TRAWLER, '84 Cape Dory, 24' stdy sail, VHF, depth sounder, head, stove, extras, \$26K, B/O, Kathy, 288-6228

SAILBOAT, O'Day, 20 w/6hp O/B & Trailer, slips 4, head, galley, with extras, \$5650, B/O, Tom, 235-3205

CAMPER, '79 APACHE, all fiberglass, sink, cooler, extras, exc cond, \$1900, Dave, 289-1143

'80 VW CAMPER, 4 spd, stove, sink, refr, AM/FM cass, radials+2 mtd snows, \$5500, Marilyn, 243-2584

PWR BOAT, Glastron, 14.3' sport boat w/50 hp Mercury elec st, trailer, new tuned, \$1995, Sheila, 232-2565

NOMAD TENT CAMPER, 17', slips 7, stove, ice box, nds canvas wk, or as is, \$350 firm, Florence, 273-3455

SAILBOAT, 13', sloop rigged catboat w/trailer, stable solo or family boat, \$1800, Erik, 224-1536

PWR BOAT, '83 Sunbird Bowrider, 16', 85 hp Bvnrude O/B, Tribler trailer, exc cond, \$5995, Phil, 224-1600

MOTOR HOME, 1980 23'Honey, Dodge 440, clean, extras, 14K mi, \$17500, Jim, 223-7766

1980 COLEMAN TENT TRAILER, sps 4, 2burn gas st, sink canopy, sp. tire, good cond, ask \$950, Noelia, 223-3719

17' O'DAY SAILBOAT w/trailer, new jib, fully equip, exc. cond, \$2700 or B/O, Pennie, 247-2127

### RENTALS

TOWN HOUSE, Loon Mtn, 3bdrm & loft, slips 8-10, cable, tennis, pools, sauna, etc., Roger, 288-6780

CAPE COD HOME, Hyannis, 2bdrm, 1bath, 2 mi/beach, 1 mi dntwn, walk Cape Cod Mall, \$350 wk, Carol, 276-9575

CAPE COD COTTAGE, 4bdrm hse w/fpl ir, dead end st, 2/10 mi/beach, \$750 wk, Tony/Rich, 261-2497/2258

HOUSE, Dennisport, 2bdrm, 1/2 mi/beach, neat & clean slips 4-6, \$375 wk, Max, 276-8056

WT MTKS WTRFRNT VAC. HOME, priv beach, tennis, pool, canoe, slips 8, fully furn, \$350 wk, Marcia, 231-5141

APT, Worcester, 1st fl, 3 bdrm, renov, appliances, 1st & last mo sec, ref, \$450/mo + util, Hamid, 237-2444

HAMPTON BEACH, new 2 bdrm condo on ocean, ac, deck, w sd, 2 car pk, \$600/wk, after 9/1 \$600/mo, Lori, 249-1780

TOWNHOUSE CONDO, Maynard, 3 bdrm, 1 1/2 bath, wsd, ww, avail 7/15, \$1100/mo + util, Len, 223-6233

1 BDRM APT, Lancaster, \$400/mo incl heat/hw, avail July, no smokers, sm chil, pets, Teri, 234-5320

HOUSE, Westboro, 3+ bdrm, 2bath, woodst, gar, pool, appi lg priv yd, exc. area, \$875 mo, Wendy, 225-4910

APT, Bolton, 2bdrm, dr, 4 fpl, porch, quiet, land for garden, \$750+util, Christine, 225-4352

CAPE COD, Dennis, 4 bdrm house, wknds, Sept & Oct, \$150, Charlene, 251-1688

TOWNHOUSE CONDO, Franklin, 2bdrm, 1 1/2bath, deck, fully equip, no pets, \$600/mo, Ray, 221-5882

CONDO, Auburn, 1bdrm w/study, storage rm, new, ctry setting, off 290, \$600/mo, Larry, 231-4439

CHALET, Stow, Vt, 6rm, 3bdrm, decks, pond, woods, view, nr State Parks, week/\$300, wknd/\$150, Joan, 249-4610

LAKEFRONT, N. Conway area, 3bdrm, 2bath saltbox w/ canoe, avail fall, \$400/wk, \$175/wknd, Van, 223-2856

HOUSE, Quechee Lakes, Vt, slips 8, full resort, golf, tennis, boating, dining, \$425/wk, Heidi, 231-4869

HOUSE, S. Dennis, 3bdrm, July-Sep, new, 2decks, cons land, no pets, \$450/wk, Art 282-2020

BED & BREAKFAST, Cape, Dennis Village, walk/beach, nr bike trails, amenities, playhouse, Dick, 282-2075

CONDO, Berkshires, 2 bdrm/2bath, ultramodern resort, pool, tennis, slips 6, \$475/wk, Andrew, 288-6340

CONDO, Nashua, Exit 1, 1bdrm deluxe, a/c, w/w, cable, pool, sauna, tennis, \$595/mo inc ht/hw, John, 264-4866

TOWNHOUSE CONDO, Hyannis, full equip, priv beach, pool accommodate 6, \$850/wk, Karen, 288-6743

CAPE COD HOUSE, 2 bdrm, Dennis, nr beach, golf, shops, walk/pond, avail, Jul, Aug, Sep, \$425 wk, Art, 221-5607

CAPE COD HOUSE, W. Yarmouth, full equip 2 bdrm, 1 mi/ beach, store, families, no pet, \$350/wk, Paul, 234-4795

DUPLEX, Derry, NH, brand new, 2bdrm, 1 1/2bath, appi, lease, no pets, \$650 mo, Yogesh, 232-2314

TOWNHOUSE, Maynard, new 2bdrm, 2bath, lr, dr, kit, \$950/mo, Kathy, 276-8051

APARTMENT, Maynard, 5 lg rm, 2bdrm, deck, w/d hookup, gas ht, lg yd, no pets, \$550/mo+util, Mark, 247-2186

LINDERHOF CHALET, N. Conway, White Mts, luxury 3bdrm full equip avail season, mo, wk, Mike, 225-5126

WATERFRONT HOUSE, Marlboro, 4bdrm, 2bath, dw, w/d, 6 mo lease, avail 10/15, \$1000 mo, Brenda, 278-4392

CAPE COD, W. Dennis, 3 bdrm, 2bath, fpl lr, fm r, priv yd, walk/beach, shop, \$450/wk, Jacques, 276-8011

ROOM, bdrm for rent, 3bdrm hs/Marlboro, m/f, 20/30 yr old, \$300+ 1/2 util/mo, Helene, 234-4175

TOWNHOUSE, Worcester, new, nr Rt 20&122, tennis, pool, 2 bdrm, 1 1/2bath, \$625+util, Dick, 223-4583

SUMMER HOUSE, Newport, across/beach, 4bdrm, avail mid-wk Jul/Aug, \$500, Emil, 276-9936

CONDO, Cape, W. Dennis, luxury efficiency, pool, catv, nr/beach, \$375/wk, lower/Sept, Gary, 236-2516

SWISS CHALET, Gunstock, NH, slips 8, 1 mile/Lake Winn, \$350 wk, Marilyn, 268-3320

YR ROUND HOUSE, Yarmouth, 3bdrm, 2/10 mi/ocean, off season rates, Paul, 229-6024

CHALET, Jackson, NH, view Mt. Wash, 4br, 2bath, pool, fall wknds avail, \$175, Fran, 235-3513

CONDO, Brewster, new, 2br, 2bath, pool, tennis, nrbeach 7/27-8/24 \$675wk; 9/7-10/12 \$425wk, Mitch, 231-7394

HUDSON, 3rm apt, \$350/mo+util; 1st, last 6 mo dep, no pets, lge yt, sc/porch, off-st park, Fred, 288-6715

APT, Derry, NH, lg, new ren 6 rm, h/w fl, pkg, yd, 5 min/ I93, \$725/mo inc ht/hw, Avi mid July, Candy 225-5780

WORCESTER, clean 3bdrm apt, top fl/triple, nr Elm Pk h/w fl, avi 9/1, \$395/mo, Barbara 223-2460

LEONMINSTER, new thns, 2 bdrm, 1 1/2b, loft, skylt, w/w, a/c, full kit, pool, patio, \$675+util, Gil, 231-5803

CAPE COD, autumn in Truro, 3 bdrm, slips 6-8, fpl, priv setting, walk/beach, Bob, 276-9811

CHALET, min fr N. Conway, Wh Mts, luxy 3bdrm, 3b, slips 10, full equip, avail wk/mo/wknd, Terry, 251-1955

CARRIBBEAN VILLA, U.S., VI, St. Croix, maid, pool, Barbara, 273-3314

APT, Worcester, 5rm, 2 bdrm in 2 fam, nr 290/bus line stv, ref, w/d, av 9/1, \$475/mo+util, Marjorie, 237-2022

OVERSIZE CAPE, Peppercell, 4bdrm, lge yd, private, no pets, \$800/mo, Anne 223-2143

COTTAGE, Lk. Winnip, 2 bdrm, 2 min. walk/beach w/life guard, 2 wk av Aug, \$250/wk, Kevin, 279-5332

CONDO, Worcester, cnty liv, conv loc, 2 bdrms, priv pk \$550/mo+util, ideal/couple, avail 9/1, Iguy, 264-6413

WATERFRONT, Lke Winnip, \$850/wk, 3bdrm, 2b condo, step to beach, jogging, golf, tennis, Dick, 234-5147

CHALET, Brekenridge Co, 3bdrm, slips 10, full equip, 4 mj/ski/res wkly/nightly, Feb, 223-5215

SUMMER COTTAGE, E. Sandwich, 2 bdrm w/loft, slips 6, deck 100 yd/beach, avail Sep/Oct, \$275/wk, Peter, 292-2082

HOUSE, Hudson, 4bdrm, 2 b, cnty kit, dnm, full bsmt, d/w w/d, ref, lge yd, gd loc, \$1025/mo, Dave, 268-3098

4 BDRM HOUSE, Cape Cod, Sep-Oct wks/wknds, amenities walk distance/beach, lake, Charlene, 251-1688

APT, W. Fitchburg, avail 9/1, close Rt 2, first fl, 2br full appl kit, w/w, prk, \$450/mo+util, Carrie, 276-9203

HALFHOUSE, On ocean/Salem, 17th cnty repro, 3 floors fpl, w/d, pkg, lge yd, rent negotiable, Karen, 288-7536

MARTHA'S VINEYARD, waterft, new, 3bdrm, 1 1/2b, all conv, \$300/wk from 9/14 thru Oct, John, 262-8302

WINNIPESAUKEE, Moultonboro Neck, w/ft cott, dock, raft sis 4/5, \$500, Roy, 237-3682

## ROOMMATES

M/F, share new condo, 1mi from Rt3/4, Chelmsford, 2br 1 1/2b, \$350/mo+1/2 util, Fred, 223-5818

M/F, new condo, Bolton/Clinton ln, 2br, 2b, 5mi/495, \$375 plus util, Larry, 234-4591

M/F, nonsmoker, 25+, share 2br cape, Ft. Meadow Reser. Marlboro, avail 8/1, \$350+1/2util, Milton, 223-9505

F, 25+, share 1yr lease, Apr, 2 brcondo, Leominster, need d/p&furn, \$247.50+1/2 util ht incl, Lori, 241-4297

F, share luxurious, 2br, new condo-Grafton off Rt 140, July occ, \$350 mo + util, Noreen, 251-1563

F, nonsmoker, share 3 bdrm house/Shrewsbury, Sue, 225-5544

F, nonsmoker, share 2bdrm apt. nr Ayer/Littleton line, \$237.50/mo + util, Mary, 223-2790

F, share 3bdrm house, Nashua, NH, right off Rt 3, w/d usage, \$290 mo incl all util, Tina, 249-1704

F, nonsmoker, share 2bdrm apt, Waltham, nr Rt2/128, avail 9/1, \$325, Lin, 225-4274

F, nonsmoker, prof, room/priv apt, Leominster, share kit bath, storage rm, \$50/wk inc ht, Susan, 285-6247

HOUSEMATE, nonsmoker, to share house/Lancaster, \$250 per mo, Diane, 251-1641

M/F nonsmoker, quiet, selfdirected, share 2bdrm apt Waltham nr 128/Mass Pk, \$200+ util, Ken, 223-5627

M, nonsmoker, prof, share 2br Nrthbro twms off Rt20 \$325/mo+1/2 util, bsmt/attic stor, Richard, 279-6751

F, nonsmoker, share 3br house, Bolton, 1mi/495, \$400 mo+1/2 util, Carol, 276-8377

M/F, nonsmoker, share 7 rms/house Hudson, w/d, walk-in bsmt, \$300 mo+1/2 util, David, 231-5358

F, nonsmoker, share lge 4 br apt, Watertown, \$187.50 + 1/4util, avail 8/1, Kerrie 249-4013

F, prof, 20's, 2bdrm condo, Hudson, Rt495/290, \$350/mo includes util, Sept 1, Linda, 275-6300

F, looking for apt/housesharing situation betwn Marl/Concord, afford up to \$300/mo, Leslie, 235-3567

M, nonsmoker, share 3bdrm hse/Marlboro, must like dogs, \$75wk+1/3 util, Rocco, 231-4489

F, nonsmoker, share 2bdrm condo/Marlboro, \$300/mo incl all utilities, Margaret, 223-5710

M/F, nonsmoker, share 3 br cape/Wayland, nr tn beach appr \$350 mo+util, no pets, start 9/1, Lisa 279-6642

M, quiet, prof, share 3 bdrm lakeft home/Ashland, w/d cable TV, avail 9/1, \$275/m + 1/3 util, Tom, 237-2243

F, nonsmoker, share 3br duplex, w/d, fpl, 1 1/2b, min to PKO, ML, Stow; no pets, \$225/m +, Alison, 264-5929

F, share 3bdrm apt Worcester, nr/Rt290, \$165 mo + 1/2 util, Cindy, 282-2532

NORTHBORO, respon, singl profs, 25-34, no smok/pets share lg apt/fmhs w/acre yd, \$250+, Jerri, 276-9313

M/F, nonsmoker, shr 3bdrm hse/Westminster, 2 mi/Rt2, must like cats, \$325/m inc util, Robin, 225-5968

F, prof, nonsmoking, share thnse Condo Ayer/Harvard ln, nr Rt2, furn, pool, \$300+1/2 util, Karen, 251-1267

M/F, share 2bdrm, 3story condo \$450. mo+1/2 util, avail immed, Bob, 223-1269

M/F, nonsmoker, priv bath, +2bdrm, share lr, dr, k, Billerica cape/Concord Rv, \$475/mo, Ken, 264-4617

M/F, nonsmoker, share 2bdrm, Rt20, Marlboro apt, avail 9/1, \$263/mo ht incl, Steve, 223-1265

F, nonsmoker, share 2bdrm apt/Nashua, \$280/mo + 1/2 elec, avail 8/1, Loretta 289-1769

M, share spacious 2bdrm apt/Shrewsbury, pool, tennis pkg, avail Sep, \$280/m +1/2 util, Doug, 223-6071

## SPORTING GOODS

GOLF CLUBS, women's w/bag, woods 1&3, irons 3, 5, 7, 9 starter set, \$50, Donna, 223-6775

BICYCLE, women's, green Schwinn, 10-spd, rack on back, old but sturdy, \$45, John, 249-1451

HIKING BOOTS, women's, sz 7N, worn once, \$85 new, \$65 or b/o, Berni, 282-2028

WINDSURFER SAILBOARD, used 2 seas, exc cond, Regatta sail&high wind dggrbrd, 2msts, \$525, Cathy 223-6059

SCUBA DIVING EQUIP, used 2x, Dacor 900 pace reg, "80" J-valve tank, suit, fins, more; \$700, Nileita, 237-3514

BICYCLE, boy's, all chrome, moly diamond back viper, "Al" cond, \$140 or b/o, Gail, 223-1997

GRAVITY GUID SYS w/boots, strong, inver/fold frame, stdn alne, cost \$270, used 2x, \$110, Vinny, 275-6300

BICYCLE, boy's 20" Huffy model Bmx36, like new, cost \$100, sell for \$50/B0, Mary, 231-5210

BICYCLE, girl's, 20" Columbia, blue, \$20, Fran, 223-4722

WEIGHTBENCH w/arm pulleys, leg bar, 150 lbs weights \$75, Steve, 289-1033

## WANTED

SLEEP SOFA, in decent condition, reasonable, Randy, 282-2183

TELEPHONE ANSWERING MACHINE, good condition, Roger, 225-4528

VT100 ROBIN, with one or two floppy drives and a printer. B.O., Alex, 223-2454

MEMBERSHIP, Wayside Racquet Club transferable membership, reasonable price, Gloria, 231-5932

LAWN MOWER, broken or discarded, Bill, 276-9689

FREEZER, that's dependable, garden is overflowing w/vegetables, call soon, Janis, 223-8677



# news briefs

## 27th update of personnel manual available

The 27th update to the Personnel Policies and Procedures manual will be distributed the week of August 26. Copies may be obtained by requesting part number EH-96001-27 on a Request for Literature Form (part number EN-01878-05-REVC). Mail orders to Publishing and Circulation Services at NRO3-1/WO3. ■

## Deadlines for 'Digital This Week'

Deadlines for Digital This Week have been established to help employees plan events and publicity around certain editions of the paper. Deadlines do not pertain to Market-place, which is first-come, first served. The next four issues and deadlines for DTW: Sept. 3 issue — Aug. 21 deadline  
Sept. 16 issue — Sept. 11 deadline  
Oct. 7 issue — Sept. 25 deadline  
Oct. 21 issue — Oct. 9 issue

## September bloodmobile at the Mill

A bloodmobile will be held at the Mill on Wednesday, September 4 from 8 a.m. to 4 p.m. in the Mobile Red Cross Unit at lower Thompson Street. Mill employees interested in donating should call the Blood Line at DTN 223-6700 for an appointment. ■

## Fall Digital Candlepin bowling league to begin

The Fall Digital Candlepin bowling league will hold a bowling for averages night on September 3 and the first night of the regular season on September 10 beginning at 5:30 p.m. at the Acton Bowladrome on Route 111 in Acton. The cost for playing is \$3.50 per week. For more information or to sign-up for the league, call Nancy Dyer, president, at DTN 259-3906. ■

## Five-day stop smoking seminar at Mill

Employees who work at the Mill and who smoke will have an opportunity to attend the Five-Day Plan to Stop Smoking seminar to be held in the Hinchcliffe Conference Room on 5-4. This program, which is known to be successful, will begin on Monday, September 16 from 12 to 1:10 p.m. and will continue at the same time each day through Friday, September 20. Reservations will be accepted for up to 50 employees by calling Health Services at DTN 223-8796. ■

## Digital Running Club raises \$6200 for Muscular Dystrophy

During the month of June, 11 members of the Digital Running Club (DRC) put their training mileage to good use in raising money for the Muscular Dystrophy Association as part of America's Love Run. The 11 members ran a total of 1590 miles and obtained pledges totaling almost \$3100. This was matched by Digital's Matching Gift Program, bringing the total amount raised to \$6200.

The DRC members who participated were: Betsy Bacon, Louise Lemaire, Maura Mastrogiovanni, Michele Rae, Tim Blouin (who ran 297 miles in June), Lance Burgess (who raised the most money, \$810), Denny Leblanc, Gita Devi, Dick Joseph, Bob Tedford and John Wetmiller. ■

## Lecture on Language and Information Engineering System

Knowledge has been successfully represented for thousands of years in the forms of natural language texts. However, finding a suitable form for representing knowledge in Artificial Intelligence (AI) systems still depends largely on the nature of the knowledge itself and how it will be used. Language and Information Engineering System (LIES) proposes a knowledge representation format which allows easy manipulation of information by applications as well as output in any natural language. The lecture will be given by Wilfried Ruedel of Educational Services in Munich.

Funded this past year by the corporate Research and Advanced Development Committee and based on his background as a linguist, Wilfried's work is intended to be an integral part of future computer systems including word processing, translation, knowledge engineering and language learning among others.

Wilfried will present an overview of the system and its development, with a demonstration of the LIES prototype on Thursday, August 29, at 1:30 p.m. in the Burlington Room, 30 North Ave, Burlington, (FPO). ■

## New DTN code for Acton/Nagog site

The DTN code for the Acton/Nagog (AKO) site has been changed from 288 to 244. The organizations effected by the change include: General International Area (GIA) Headquarters, General International Region, General International District, Corporate Finance & Administration (Corporate Accounting, Internal Audit, Tax and Treasury), and Mid-range Systems Engineering.

When calling the AKO site, dial DTN 244 plus the four-digit extension of an employee as listed in the personnel section of the Digital telephone directory. The outside telephone number for the site, 617-264-7111, has not changed. ■

## Invention Convention at Worcester Science Center

The Worcester Science Center is looking for inventors to participate in the Second Annual Invention Convention to be held on October 19 and 20. Participants will receive free passes to the Science Center and complimentary snacks and lunch both days. In addition, there is no charge for exhibit space. The general public is also invited to attend the two-day event. Inventors interested in participating should contact Alice Witkes, Special Exhibits coordinator at the Worcester Science Center, 222 Harrington Way, Worcester, Mass. 01604 and at (617) 791-9211. ■

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# *educational opportunities*

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## Network Northeastern University enters its third year

Network Northeastern University (NNU), education by telecommunications, has been developed to serve the needs of the high technology community by providing flexible educational programs. NNU broadcasts live instruction from Northeastern's Boston campus to Digital sites at Marlboro, Hudson, Andover, and the new King Street facility in Littleton.

Classrooms are equipped with special television monitors, video cassette recorders and a telephone talkback system to enable students to interact with instructors in the studio classroom. Three times a week, a special courier shuttles all student homework, handouts, and books to and from Boston.

The third year of the NNU program at Digital will include a new master's level Computer Science program. This new program will be offered in addition to master's level Electrical and Computer Engineering, Industrial Engineering, Mechanical Engineering, Undergraduate Computer Science and the bachelor of Technology program at Lincoln College.

Courses available include:

### COMPUTER SCIENCE

Software Design and Development  
Knowledge Representation and Inferencing  
Database Management Systems I  
Compiler Construction I

### UNDERGRADUATE COMPUTER SCIENCE

Assembly Language I  
Data Structures

### ELECTRICAL AND COMPUTER ENGINEERING

Software Engineering  
Applied Probability and Stochastic Processes  
Mathematical Methods in Electrical Engineering

## LSI Hudson Engineering Training and Education

Physics of Microfabrication  
August 26-30, 1985

Instructor: Raphael Reif

Mt. Washington Auditorium HL02-1/M10

This intensive course describes the theoretical and practical aspects of the processes used in the fabrication of silicon intergrated circuits. Topics include: bulk crystal growth,

Digital Computer Architecture  
Mathematical Methods in Computer Science  
Linear Systems Analysis  
Electromagnetic Theory  
Classical Control Theory  
Stochastic Control Theory  
Linear Active Circuits

### MECHANICAL ENGINEERING

Essentials of Fluid Dynamics  
Theory of Elasticity  
Robotic Mechanics and Control  
Mathematical Methods for Mechanical Engineers  
Convective Heat Transfer  
Advanced Dynamics

### INDUSTRIAL ENGINEERING

Computer Methods in Manufacturing  
Production Analysis  
Information Systems and Society

### LINCOLN COLLEGE

Electronics I  
Basic Optics Systems Design  
Micro Peripheral Hardware  
College Algebra  
Physics I  
Introduction to Programming  
Engineering Graphics I

Please check with the local Digital Site Coordinator for further information on costs, course descriptions, and registration procedures:

MARLBORO (Electrical Engineering and Computer Science); Chris Rudomin at HYPER::CRUDOMIN  
HUDSON; Joyce DiPasquale at HUDSON::DIPASQUALE  
ANDOVER; Patty Scott at NUHAVE::SCOTT  
LITTLETON; Faye Napert at BERGIL::NAPERT ■

thermal oxidation of single and polycrystalline silicon, ion implantation, epitaxial deposition, CVD, metallization, silicides, lithography, and laser/e-beam processing. For further information, contact Katie O'Loughlin, DTN: 225-5221 or via ENET on HUDSON::OLOUGHLIN.■

## Boston area offerings from Seminar Programs

### Advanced dBASE II

August 12-13, 1985

Course Number: EY-2330E-SO  
Registration: DTN: 249-4380

### Using dBASE II

August 26-27, 1985

Course Number: EY-2302E-SO  
Registration: DTN: 249-4380

### Using CP/M

August 26, 1985

Course Number: EY-1416E-SO  
Registration: DTN: 249-4380

### Using Multiplan

August 26, 1985

Course Number: EY-1857E-SO  
Registration: DTN: 249-4380

### VAX/VMS Real-Time Applications

August 26-28, 1985

Course Number: EY-1743E-SO  
Registration: DTN: 249-4949

### Introduction to Data Communications

August 28-30, 1985

Course Number: EY-1365E-SO  
Registration: DTN: 249-4949

### VAX Datatrieve for the Business Professional

August 28-30, 1985

Course Number: EY-1359E-SO  
Registration: DTN: 249-4949

### Microcomputer DBMS

August 28-30, 1985

Course Number: EY-2340E-SO  
Registration: DTN: 249-4949

### Advanced VAX/VMS Real-Time

August 29-30, 1985

Course Number: EY-2404E-SO  
Registration: DTN: 249-4949

Ada is a registered trademark of the Department of Defense. CP/M is a registered trademark of Digital Research, Inc. dBASE II is a registered trademark of Ashton-Tate, Inc. MULTIPLAN is a trademark of Multisoft Corporation. ■

## Office Automation September course schedule

Please note that all course locations are PKO3-1 / Pole 8H unless otherwise specified. Dates are subject to change.

Please note prerequisites (PR) stated. Equivalent experience may be substituted for the stated prerequisite. Within each curriculum, courses are listed in their logical sequence.

**Keyboard Techniques** (5 days- 2 hrs / day)  
Sep.9 *OA Concepts & Theory*

**Office Automation Planning and Implementation** (2 days) Sep. 9

**Office Automation Applications** (1 day)  
Sep. 17

**Successful Business Automation** (3 days)  
Sep. 11

**Intro to Computer Concepts** (1 day) Sep.  
18, 24

### Professional

**Basic User Operations for the Professional** (1 day) Sep. 23

**PRO Communications** (½ day) [PR: *PRO Basic User*] Aug. 30

**SUPERCOMP-TWENTY** (1 day) [PR: *Basic User*] Aug. 27; Sep. 24, 30

**Computer as a Management Tool** (5 days)  
Sep. 9

**PRO Office Workstation** (2 days) [PR: *Basic User; VAX Utilities & Commands; ALL-IN-1 Support Seminar*] Sep. 26

### Rainbow

**Rainbow CP/M** (1 day) [pr: learn rainbow] PKO: Sep. 6, 16 MRO: Sep. 30

**Rainbow Multiplan** (2 days) [PR: *Learn Rainbow*] Sep. 10

**dBase II** (2 days) [PR: *Learn Rainbow*] Sep. 26

**MS-DOS** (1 day) [PR: *Learn Rainbow*] Aug. 29; Sep. 9

### DECmate

See also WPS Curriculum for DECmate

**DECmate CP/M** (1 day) Sep. 25

### ALL-IN-1

**ALL-IN-1 Systems Overview** (1 day) Sep. 9

**ALL-IN-1 Document Processing** (1 day) [PR: *AI Systems Overview*] Sep. 12

**ALL-IN-1 WPS-PLUS** (1 day) [PR: *AI Systems Overview*] Sep. 13

**ALL-IN-1 Electronic Messaging** (1 day) [PR: *AI Systems Overview*] Sep. 11

**ALL-IN-1 Desk Management** (1 day) [PR: *AI Systems Overview*] Sep. 10, 23

**ALL-IN-1 Administrator** (1 day) [PR: *AI Systems Overview*] Sep. 24

**ALL-IN-1 User Update** (1 day) [PR: *Working knowledge AI vi*] Sep. 4

### VAX

**DATATRIEVE I** (1 day) Sep. 24

**DATATRIEVE II** (2 days) [PR: *Intro to VAX; DATATRIEVE I*] Aug. 27; Sep. 5, 10, 17, 26, 30

**DATATRIEVE Report Writer** (1 day) [PR: *DTR I*] Sep. 4, 25

**DECcalc** (2 days) [PR: *Intro to VAX*] Sep. 5, 17, 30

**DECgraph** (1 day) [PR: *Intro to VAX*] Sep. 27

**DECslide** (1 day) [PR: *Intro to VAX*] Sep. 5

**EDT** (1 day) Sep. 3, 12

**RUNOFF** (1 day) [PR: *EDT*] Aug. 28

### WPS Curriculum

**Basic Word Processing** (3 days) PKO: Sep. 16, 30 MRO: Sep. 3, 9

**Basic Word Processing** (5½ days) Sep. 23

**Basic WP for Managers & Supervisors** (1 day) Aug. 29

**DECmate Communications** (½ day) [PR: *Basic WPS*] Sep. 26

**List/Sort** (1 day) [PR: *Basic WPS*] Aug. 28

**User-Defined Keys** (½ day) [PR: *Basic WPS: List/Sort*] Sep. 27

**WS200 System Manager** (1 day) [PR: *Basic WPS*] MRO: Sep. 6

### Electronic Communications

**DECmail for EMS Users** (2 hours) Sep. 3

**EMS I** (½ day) Sep. 13

### To Enroll

Please fill out the OA Internal Enrollment Request, available in the OA Catalog, on flyers, or at some stationary supply stores, and mail it to the OA Registrar, PKO3-1/B11. For further information, call the Registrar at DTN 5820 or 223-2872.

### Cancellation Policy

15 work days' notice—no fee

Less than 15 days—full fee

ATHENA/graph is a trademark of Ship Analytics, Inc. CORTEX Desk Set is a trademark of CORTEX Corporation. CP/M is a registered trademark of Digital Research. DAISY AIDS is a trademark of Escape Computer Systems. dBase II is a trademark of Ashton-Tate. 1-2-3 is a trademark of Lotus Development Corporation. MAPS/Pro is a trademark of Ross Systems, Inc. MS-DOS is a trademark of Microsoft Corporation. Multiplan is a trademark of Microsoft Corporation. SAMNA is a trademark of SAMNA Corporation. SUPERCOMP-TWENTY is a trademark of Access Technology, Inc. ■

## Digital plans to build semiconductor plant in Scotland

Digital has announced plans to build a 200,000 square foot semiconductor manufacturing facility outside Edinburgh, Scotland to accommodate European demand for Digital's custom chips.

More than 80 percent of Digital's production of custom integrated circuits is for European demand. The new plant will employ 400 people recruited from around the area

and will supplement production of custom integrated circuits currently manufactured in the Hudson, Mass., semiconductor facility. The Edinburgh facility will work with Digital's existing plant in Ayr, Scotland, which assembles and test semiconductors.

Construction of the 86-acre site is scheduled to begin in mid-1986 and end in early 1988. ■

## Digital, Cincom Systems announce cooperative marketing agreement for software products

Digital and Cincom Systems, Inc. have signed a cooperative marketing agreement for three Cincom software packages running on Digital's VAX systems.

The Cincom products are MANTIS<sup>®</sup>, a fourth generation application development system, ULTRA INTERACTIVE DATA BASE SYSTEM<sup>™</sup>, an integrated relational data base system, and CONTROL:Manufacturing<sup>™</sup>, a manufacturing resource planning system (formerly known as MRPS).

"Digital's agreement with Cincom Systems reflects our commitment to customers to help provide complete, cost-effective solutions for management of the manufacturing and engineering processes," says Jim Dale, Manufacturing Application Group manager for CAEM. "This agreement brings Digital together with an industry leading software supplier."

"With this agreement, Cincom Systems is further demonstrating our strategy of providing a common and compatible approach to application development and implementation throughout the entire organization," says Dennis Yablonsky, president, Cincom Systems. "We are providing customers with software development and application products on mainframes and minicomputers, helping them gain maximum productivity in a cost-effective manner."

"The benefit of the agreement," says Per Hjerpe, Group Marketing manager for Large Systems Marketing, "is that Digital and Cincom are working together to help customers solve business problems in the commercial marketplace. Together with the VAX, MANTIS provides customers with excellent application development capabilities. MANTIS provides a common environment between Digital and IBM for both application development and production processing."

MANTIS, the ULTRA data base system and CONTROL:Manufacturing runs in the IBM environment as well as on Digital's VAX systems. It provides the necessary tools to manage all aspects of manufacturing, from resource planning to shop floor control.

The Cincom Systems software runs on the full range of VAX processors, so users can specify the appropriate size system for the application. The agreement presently applies to marketing efforts in the United States only.

Cincom Systems, Inc., is a leading independent supplier of data base/data communications and applications software, with more than 6,000 users around the world.

MANTIS is a registered trademark of Cincom Systems.

ULTRA INTERACTIVE DATA BASE SYSTEM is a trademark of Cincom Systems.

CONTROL:Manufacturing is a trademark of Cincom Systems. ■

## Dean from Florida A&M University visits Digital



(l) Win Hindle, vice president of Corporate Operations, and Bel Cross, manager of Digital Information Systems, speak with (center) Sybil Mobley, dean of the School of Business and Industry at Florida A&M University, during her recent visit to Digital. Under Dean Mobley's leadership, the School of Business and Industry has become renowned for its preparation of minority students, several of whom have taken part in Digital's DIS Internship program.

## United Way campaign to begin on September 16

Digital's 1985 United Way Campaign will officially begin on September 16 and continue until October 11.

This year's United Way key executive is John Sims, vice president of Personnel. Judi VonDohlen, Digital's Corporate United Way chairperson states, "John is a community minded, concerned individual whose commitment to people is reflected in and enhanced by his role in Personnel. John is very supportive of Digital's commitment to United Way."

In a recent interview John stressed, "Digital has always taken its role as a corporate citizen seriously and likewise encourages its employees to take their individual social responsibilities seriously. Digital sees the United Way as an ideal means to channel

support by matching its employees' United Way gifts dollar-for-dollar."

Digital runs a designated campaign allowing employees to specify to what United Way their money goes. There are more than 2100 eligible United Ways in the United States. Currently, Digital employees designate their pledges to approximately 305 United Ways across the country.

United Ways are organizations made up primarily of volunteers who work to support a broad range of services in local communities. They raise money, try to anticipate future community needs, and allocate money raised through a systematic review process. Many United Ways provide referral services to quickly put people in touch with the help they need.

Generally, less than ten cents of every dollar raised by United Way goes for administrative expenses. This is much less than it would cost the recipient organizations to pay for administration and fund raising on their own.

"For the upcoming campaign, we have set our corporate wide goal at \$1,600,000. With Digital's dollar-for-dollar match of employees' pledges, in 1986 we could provide \$3,200,000 to deserving agencies in our employees' communities across the country," John said.

Questions about the United Way or how to contribute through payroll deduction or to make a one-time gift should be directed to Judi VonDohlen, Corporate United Way chairperson, at DTN 223-5320. ■



support, through local communities, into a wide range of deserving social service agencies. Therefore, we offer our employees the opportunity to give to the United Way of their choice through payroll deduction or one-time gifts. Digital further expresses its sup-

## Digital announces \$5-million contract with Royal Hong Kong Jockey Club

Digital has announced a \$5-million contract with the Royal Hong Kong Jockey Club, a non-profit organization that uses its revenues from operating two race tracks to support many community projects and charitable organizations in Hong Kong.

Under the terms of the contract, Digital Educational Services will establish a training center in the Jockey Club, staffed by Digital resident instructors, to provide hardware maintenance, software operations and applications, and office automation training for the club's 4000 full-time and 8000 part-time employees.

"This comprehensive computer training program from Digital will provide consistent, ongoing training for technical and non-technical employees. We believe that this program will enable our staff to make the most productive use of all of our Digital equipment — from PDP-11 and VAX systems to Rainbow personal computers," said Peter Frankowski, Planning and Development controller for the Royal Hong Kong Jockey Club.

"We are pleased to provide this customized training program for the Club because we feel that it will prove to be an invaluable resource that meets the club's present and future needs," said Pat Cataldo, Digital Educational Services manager, "including keeping up with changes in technology and enhancements to Digital's hardware and software."

"Working collaboratively with the Digital sales force on this major contract made it possible for Digital to provide the right training solution for the Jockey Club. I think this project proves that working together as a team can put us all on the right track," commented Roger Blomgren, GIA Educational Services manager.

The Royal Hong Kong Jockey Club relies on Digital equipment to keep its operations in top form — including processing more than 1500 transactions per second. The Club owns more than 60 VAX and PDP-11 computers connected by more than 7000 terminals and other peripheral devices which support the Club's extensive betting operations including more than 100 automated off-course betting centers and a computerized telephone betting system serving more than 300,000 subscribers. ■

## National Merit Scholarship test date scheduled for October

National Merit Scholarship Corporation has set two test dates for the PSAT/NMSQT (the qualifying test administered by National Merit).

Secondary schools may schedule to give the test on either Saturday, October 20 or Tuesday, October 23.

Dependents of full-time Digital employees are eligible to compete in the Digital National Merit Scholarship Program, provided they take the PSAT/NMSQT in the fall of their Junior year. Applications for scholarships are sent to each semi-finalist by National Merit in the fall of their Senior year. Applica-

tions are not available through Digital.

Any questions regarding the Digital National Merit Scholarship Program should be directed to Judi VonDohlen at DTN 223-5320. ■