



## Two named vice president



Sam Fuller



Jeff Kalb

Sam Fuller and Jeff Kalb have been appointed vice president reporting to Jack Smith, vice president, Manufacturing and Engineering. Sam Fuller will be vice president, group manager, for Research and Architecture and Jeff Kalb will be vice president, group manager, for LSI.

Sam joined Digital in 1978 as the Engineering manager for the VAX Architecture Group. From 1978 through 1983 he held a variety of positions in Engineering and until this appointment, was group manager of the Research and Architecture Group. He has been instrumental in setting the future direction of Digital's Systems Architecture and has worked on the CI, Local Area Networks and High Performance Workstations. He has also initiated our joint research projects with MIT and other universities.

Before joining Digital, Sam was an associate professor of Computer Science and Electrical Engineering at Carnegie

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## Digital leads industry with personal computing announcements

At a press conference in New York City late September, Digital announced the Rainbow 100+ personal computer, an addition to the Rainbow series which features a 10-megabyte Winchester hard disk and substantially increased memory capability. The company also introduced the industry's most comprehensive investment plan for personal computer buyers.

The service and warranty package, called the Investment Protection Plan, is in direct response to buyers' demands for complete satisfaction with their purchase, said Joel Schwartz, vice president of the Small Systems Group.

### Sets new standard

"We believe the Investment Protection Plan is unprecedented," he continued. "It sets a new standard that others will have to meet. Vendors have offered limited service or support plans, but none, to date, has offered a program as comprehensive as this one. In fact, few could have the resources to do so."

The Investment Protection Plan provides buyers of the Digital Rainbow, Professional and DECmate II with: on-site warranty service including parts and labor, updates for selected operating systems, a user news-

letter and a limited-offer, 30-day money-back return policy.

For those who buy at the retail level, Joel explained, many of the features extend up

to one full year. For corporate buyers, via Digital's direct sales force, the plan is offered for 90 days and is extendible to one

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At CP/M '83, a major personal computer trade show held last week at the Hynes Auditorium in Boston, more than 500 CP/M-based applications software packages were demonstrated on the Rainbow. Here Katrina Holman, product promotion specialist, demonstrates Lotus 1-2-3 on the new Rainbow 100+ for attendees.



## IDECUS Fall Symposium slated for November

Learn how Digital's largest customer group, internal users, put Digital's products to work for greater productivity. Discover how others may already be solving your computing problems. Find out about Digital's latest corporate products, applications and technologies all at Internal DECUS's Fall Symposium.

Scheduled for November 17 and 18 at the Sheraton Conference Center in Boxborough, the Fall Symposium will include over 50 sessions conducted as workshops, panel discussions, or tutorials, designed for managerial and technical audiences. There are sessions planned on personal computing, manufacturing systems, networks, office automation, new products and other topics of interest to internal users. Ed Kramer, vice president of Corporate Marketing will be the keynote speaker.

A large exhibit hall will highlight Digital's latest office and professional computers. Among the demonstrations are: personal computing tools, new terminals, business graphics, software, and videotex. There will also be information booths set for the internal support groups.

Programs with detailed registration information will be mailed out in early October. Preregistration is required for the Symposium by November 9. There will be no walk-in registration.

To accommodate attendees' schedule and interests, IDECUS offers four registration options: full day; morning only; afternoon only; or exhibit hall only. Half-day registrations do not include lunch. The exhibit hall is open 3:00 to 5:00 p.m. Registration may now be done on-line through an automatic dial-up system. Or, you may register through the form in the program. For more information contact Internal DECUS, DTN 273-3388.

## Ever wonder who spends your United Way contribution?

It's been called the United Way's "best kept secret" and sets it apart from all other charities. It's the best expression of United Way's financial accountability and strong evidence of how United Way executes the public's trust.

Called the Citizen-Review Process of Allocations, it's the way in which United Way distributes its contributions for human services. The process is simple: local citizens make decisions for their own community.

About 150 men and women volunteer each year to serve on United Way's allocations committees and make decisions on how funds will be spent for health and human services. These people represent a cross-section of their communities. They are very different individuals and possess unique skills, experiences, perspectives and knowledge. Collectively, they have a great impact on the metropolitan Boston area and the people who live there.

They carefully evaluate each United Way agency in five important areas: service objectives; target groups served; program accountability; financing; and management. They make on-site visits to the agencies to meet staff and volunteers. The issues and problems that face the agency and its ability to deliver quality services are discussed.

Distributing United Way dollars is a difficult task which involves trying to meet endless needs with limited dollars, while fulfilling a public trust by being accountable to the contributor. For example, how does one weigh the relative needs of a child with cerebral palsy, an elderly person needing

home health care and a teenager who needs drug or alcohol treatment? And the task is made even more challenging by the effects of changing social and economic conditions. The rise in single-parent families and recent government cutbacks in funding impact every community and the needs of all citizens.

These volunteers have another source of help when deciding how to spend contributions: United Way emphasizes for funding, as expressed in the United Way's "Allocations Emphases Project" (AEP). AEP is a philosophy developed by United Way staff members which sets guidelines on the relative importance of agency services for United Way funding. It tries to answer the question "Which services are most needed in the community and which are most appropriate for United Way funding?"

This Citizen-Review Process is a thorough, thoughtful method used to distribute your contribution. It is directed at accomplishing five important functions: ensuring your gift is wisely spent; providing quality health and human services; maintaining accountability to you, the contributor; reaching critical areas or groups of people who are unserved or underserved; and avoiding wasteful duplication between other private funding sources or government programs.

If you've ever wondered who spends your United Way contribution or how it's done, it's really no secret at all. They are volunteers, trying to spend your pledge in the best way possible. Because that's your intention when you give.

### Personal Computers *Continued from page 1*

year with a low-cost service option.

"The Investment Protection Plan backs our promise that Digital produces the highest quality, most reliable products," he added. "It extends this commitment with coverage that is strongest where it is needed most — at the retail level, where individuals from small and medium-sized businesses who typically need the most start-up help and support tend to buy personal computers."

#### New Rainbow 100+

Joel said the Rainbow 100+ is the most versatile addition to the personal computer product line. The company has targeted the product at small to medium-sized businesses and managers in large corporations. It offers several outstanding features. These include a 10MB Winchester hard disk, a 128KB memory base — which can be expanded to 896KB with a simple-to-install RAM chip — and high quality monochrome graphics and display.

"In addition," Joel said, "Rainbow 100+ is supported by new versions of MS-DOS® and CP/M-86/80®. This means that the 100+ is compatible with over 70 applica-

tions packages, including Lotus 1-2-3®, one of the most popular integrated software packages available today."

For owners of the Rainbow 100, Joel also announced the availability of an upgrade kit. This can be installed in a matter of moments to provide the same computing power as the 100+.

#### Will make Digital a winner

Ed Kramer, vice president, Corporate Marketing, said the Investment Protection Plan and the new hardware and software will help make Digital a major winner in the multi-billion dollar personal computer market.

"Visibility, aggressiveness and the pervasiveness of our activity in this market give us the right to take a leadership role in the business. We intend to accept that role," said Ed. "We know this business and its buyers. And, we will continue to give you our perspective on the marketplace over the long term."

CP/M is a trademark of Digital Research, Inc.  
MS-DOS is a trademark of Microsoft, Inc.  
1-2-3 is a trademark of Lotus Development Corp.  
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### DIGITAL THIS WEEK



Editor: Barbara Lovely

Send stories, photos, ideas or suggestions to DTW, CF02-3/K23 or call the editor at DTN 251-1307. Ads must be submitted in writing to Marketplace, CF02-3/K23. Please direct all Marketplace inquiries to Jennifer Hawes at 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.

## Digital thanked for providing work experience for special needs students



Presented with a certificate of recognition by Gov. Dukakis for their work with the Center for Occupational Awareness and Placement are: (l. to r.) Roger Elliot, Bob Fisher, Tony Indrisano, and Gene St. Hilaire.

Governor Michael S. Dukakis recently thanked Digital for providing work experience for physically and mentally impaired students. The citation was presented at an employer appreciation luncheon sponsored by the Center for Occupational Awareness and Training (COAP) in Chelmsford.

The goal of COAP is to provide students, age 15 to 22, with intensive training to prepare them for a work setting and to enhance their ability to function independently in their environment. COAP helps students explore career options through

work experience in local business and through COAP's own entrepreneurial activities such as: a plant care business and a catering company. When an individual has received training in a specific career, COAP assists with job placement. Companies like Digital are asked to utilize COAP as a resource for hiring capable, trained people.

Five employees at Digital who have worked with COAP students were honored at the luncheon. They are: Tony Indrisano, facilities administration manager, Bedford; Guy Keenan, plant engineering mainte-

nance supervisor, Bedford; Bob Fisher, plant engineering manager, Burlington; Roger Elliot, facilities manager, Marlboro; and Gene St. Hilaire, maintenance supervisor, Andover.

Roger Elliot explains that counselors from COAP work closely with the students to make sure they fit into the work place. "We don't create special jobs for them," Roger says. "The counselor will go on-site with each student until their schedule and work is defined. We've had excellent experiences with COAP students. They are trained to do the job and to make a contribution. Because of Digital's concern for people and the compassion of our employees, it is easier for students to succeed," he adds.

In Bedford, Tony Indrisano has one COAP graduate who was hired as a permanent employee in plant maintenance. "His work is super. He is totally independent. Beyond his own responsibilities, he makes an extra effort to point things out and learn new skills," Tony says.

Bob Fisher uses COAP's plant maintenance business to keep plants in Digital's facilities in Burlington, Bedford and Westford healthy. Gene St. Hilaire also uses the plant maintenance company to keep Andover greener.

For more information about COAP, contact Wendy Hanson, COAP Director, (617) 256-9148, or write COAP, 160 Turnpike Road, Chelmsford, MA, 01824.

## Digital introduces high-performance single-board 16-bit microcomputers

Three new board-level 16-bit microcomputers that significantly enhance the power and performance of both ends of its LSI-11 (Q-Bus) microcomputer family were recently announced. Additionally, new software development products and a one-year microprocessor board warranty were announced.

The new microcomputers include the LSI-11/73, Digital's most powerful 16-bit microcomputer. Based on the J11 microprocessor, the new high-end model has functionality equivalent to a PDP-11/70 minicomputer. It features extended PDP-11 instruction set, cache memory, four-megabyte address space, and PDP-11 software compatibility on 8.8 by 5.25-inch board.

A new microcomputer, the KXT11-C, which can be used as a general-purpose peripheral processor or a single-board computer, was also introduced. It provides real-time data buffering and preprocessing to a master Q-Bus microcomputer, off-loading communications and increasing system CPU throughput to 90 percent. As many as 14 KXT11-Cs can operate on a single Q-Bus.

An enhanced version of the entry-level Falcon SBC-11/21 single-board microcomputer, Falcon-PLUS, supports the RT-11 operating system, has a higher base-

level memory capacity, and incorporates a new board design.

The three new units broaden the power and flexibility of Digital's microcomputer spectrum, extending it from dedicated PDP-11 controllers to the performance and functionality of a high-end minicomputer's central processor.

Marketed through the OEM Group, the units are targeted for Original Equipment Manufacturers (OEMs) and high-volume end users.

Concurrently, Digital announced two new versions of its Micro-Power/Pascal software and a one-year return-to-factory warranty for the three new microprocessor boards. The new warranty, which can be extended in the United States through service agreements, is the first such support from a major computer manufacturer.

The LSI-11/73 is priced at \$2,180, the KXT11-C at \$1,785, and the Falcon-PLUS at \$790. Volume discounts are available. The products are scheduled to be available December 1983.

According to Robert Maiorana, marketing manager, the three new hardware products substantially enhance the resources of designers building equipment with board-level computers. "The LSI-11/73 provides the high performance required in today's computation-intensive

applications. The KXT11-C offers an easy way to achieve an immediate boost in application throughput for input/output-oriented configurations. All three hardware products use the PDP-11 instruction set and execute application software previously engineered for Q-Bus processors," he said.

### Vice President *Continued from page 1*

Mellon University. He holds a BS in Electrical Engineering from the University of Michigan and MS and PhD degrees in Computer Engineering from Stanford University.

Jeff joined Digital in 1981 as associate manager for the LSI Group in Hudson, Mass. He was named group manager of LSI in 1982 and has been instrumental in establishing Digital's strong position in the semiconductor business. In this role, Jeff is responsible for the strategic direction of the LSI Group which supplies silicon chips to internal and external customers.

Before joining Digital, Jeff held a number of assignments in the computer and semiconductor industry working with Texas Instruments, National Semi-Conductor and Data General. Jeff holds a BS in Electrical Engineering from the University of Cincinnati and is vice chairman of the Massachusetts Technology Park Corporation.

## Teamwork key to fiberoptics network product certification



To recognize the contributions of Engineering in product certification, Sharon Wooster, certification manager, presents Tom Sciacca, MDC Hardware Engineering manager with a certificate. Also pictured are members of the Engineering team: (l. to r. standing) Bill Link, Tom Malloy, Al Kimmel, Bob Bohannon, Dave Gilley, Jim Pazaris, and Tram Pham. Sitting are (l. to r.) Greg Molesky, Chris Tran, Dave Michaud, Charlie Johnson and Bill Curtis.

Certification is one of Digital's major quality programs. By following a certification program, quality goals are consistently maintained and manufacturing productivity is greatly enhanced. Estimated to save the corporation some \$600 million over five years, certification supports the elimination of unnecessary retesting in Systems Manufacturing. It is only achieved when stringent Engineering and Manufacturing milestones are met.

To signify the importance, Sharon Wooster, Product Certification manager for

the DYS50 and DYX20 fiberoptics networking products, recently presented certificates to both Engineering and Manufacturing teams responsible for these products.

"Traditionally, Manufacturing receives the certificate and accompanying recognition. I wanted to emphasize the importance of teamwork to accomplish our goals," Sharon explains.

DYXO2 was developed to bring the benefits of fiberoptics to Computer Integrated Manufacturing (CIM) Engineering's

industrial automation customers. The DYXO2 is the corporation's first fiberoptics networking product. "All other fiberoptics products are using the DYXO2 as a model for planning, documenting, product introduction and servicing," says Sharon.

It allows an industrial local area network user to branch from the electrical Digital dataway for more flexible and wider area coverage. Between buildings, the fiber branches insure data integrity from lightning strikes, induced noise from nearby high voltage cables, and differences in electrical ground potential between sites.

The DYXO2, itself, is a wall mountable box which converts electrons to protons and vice versa. The fiber cable is purchased by the user.

The DYS50 was designed by CIM to be much more rugged and serviceable than previously existing Q-Bus packages. These enhancements have resulted in a product that is enormously well received by customers.

It is primarily used in heavy industrial environments, such as steel mills. It must operate in hostile, i.e. not clean, environments. The DYS50 brings continued growth and flexibility to Digital dataway systems architecture. The ability to program the DYS50 combined with an industrial local area network, can tie together a variety of direct control or monitoring instrumentation applications.

## A nickel a day helps the United Way

While a nickel alone doesn't buy much today, putting together a few thousand can equal one tidy sum. That's the philosophy behind the Mill's "Pitch in with cans for United Way" program. Contribute your soda cans in any one of the five drop off points in the Mill and the nickel refund will go towards this year's United Way campaign. The drop off points are located at the five main entrances to the Mill: Main Street, Upper and Lower Thompson Street, Walnut Street and the Security entrance in building 21-1.

Helping people is what United Way is all about, and that's important for you to know. The soda cans you contribute are responsible in part for the encouraging news to those hundreds of thousands who need your help. People who use the varied services of United Way agencies are your fellow workers and next-door neighbors, friends in your community, and members of your own family. You may never hear about them, but they exist. And agency services are there for you too, should the need arise. Above all, one feature of the United Way stands out; people helping people in need. With every can you give to the United Way, know you're touching someone's life. Won't you please "pitch in?" It's the best way to show you care.

## Run and dance for the United Way at Stow

The Stow facility is sponsoring a United Way Fun Run and Heart Beat Aerobics from 12:00 to 1:00 p.m. on October 18 (rain date, October 20).

All employees are invited to participate in the one-hour run which will circle the Stow facility, (one-half mile). Anyone interested in participating in the Fun Run must acquire pledges for the United Way. T-shirts will be given to all participants who obtain five or more pledges. A copy of the pledge sheet should be turned in for a t-shirt on the day of the race.

Heart Beat (Aerobics) for the United Way is an offshoot of the physical fitness classes presently being held at the Stow facility and is limited to members of that program. Each participant will have the same pledging responsibility as that of the runners, however, their pledges will be based on number of dances they are able to complete during the one-hour time frame.

### Pledging is simple

- One Fun Run lap around the Stow facility is one-half mile,
- Runners and dancers sign-up individuals who will guarantee to pledge a rate per lap or dance,

- Once the run is complete, the amount of money pledged is collected and turned in to Gwen Bills by October 28.

All pledges will be matched by Digital.

### Prizes

Fun Run winners will be calculated on the number of pledges times the number of laps completed and Heart Beat winners on the number of pledges times the number of dances completed.

A \$35 gift certificate will be awarded to male and female completing the highest number of pledges times laps or dances. \$30 gift certificate will be awarded to male and female completing the second and third highest number of pledges times laps or dances.

Top male and female lap runners will each receive separate prizes, regardless of their pledges. A separate prize will be awarded to the Heart Beat participant whose pledges bring in the largest amount of money in the group, regardless of how many laps or pledges they obtain. A special drawing will be held following the race for four shares of Digital stock. Names will be taken from the United Way Donor cards of employees at the Stow facility.

For sign-up sheets and further information, contact Gwen Bills, DTN 276-9550.

# THE MARKETPLACE



## How "The Marketplace" works...

"The Marketplace" is a free service provided by *Digital This Week* for Digital employees in Massachusetts facilities. To service as many employees as possible and to keep the ads timely, *DTW* needs your cooperation.

Please submit one ad at a time. Multiple or duplicate ads will have to be returned. You may list more than one item in an ad if it fits on two lines with about 45 characters to a line. An ad will only be printed once. *DTW* reserves the right to edit for space.

Ads should be worded clearly, printed or typewritten and be in good taste. Marketplace does not print ads for services or profit making enterprises.

There are no deadlines for Marketplace submission. Ads are printed on a first-come, first-served basis as space allows. Therefore, Marketplace is not always the best vehicle if you want to sell something in a hurry. Ads cannot be taken over the phone.

When submitting an ad, please remember to include all of the following information: full name, mailstop, DTN. Only first names are printed, but we must have your full name for our records. *DTW* does not print home phone numbers. If you sell your item before the ad is published, please call the office to cancel the ad. We can use that space for another listing.

If you have any questions, please call the Marketplace office at DTN 251-1308.

## APPLIANCES

AIR CONDITIONER, G.E., 1800 BTU, like new, w/cover, \$225, Ken, 249-4615

REFRIGERATOR, Admiral Frost Free, 18 cu ft, white, \$100, MaryAnne, 223-5352

GAS DRYER, Sears Lady Kenmore, gd cond, \$50, Carol, 292-2130

GAS STOVE, Hardwick, w/gas, harvest gold, 5yrs old, exc cond, \$300, Janine, 234-4810

PORTABLE DISHWASHER, G.E., gold, cutting board top, gd cond, \$175, B/O, Max, 269-2417

HOT WATER HEATER, 80gal, 3yrs olds, gd for lrg family or sm business, \$150 firm, Norm, 289-1115

ELECTRIC STOVE, Magic Chef, 30", see-thru oven door, bronze color, like new, \$200 firm, Joseph, 223-9821

FOOD PROCESSOR, Cuisinart DLC 10E, w/all orig equip extra blade+cookbook, \$75 firm, Scott, 231-7745

FREEZER, Sears Coldspot, 15.1cu ft, upright, white, gd cond, \$275, B/O, Ann, 223-8816

## CARS

'80 CHEVY CITATION, 2dr auto, AM/FM, cloth seats, 54Kmi, blue, exc cond, \$2750, Pauline, 251-1385

'82 SUBARU GL WGN, 5spd, 25Kmi, rfrack, body side moldings, 4yrs on warr, gold, \$7000, Joe, 282-2191

'76 OPEL, new paint, batt+muffler sys, 61Kmi, exc cond, \$1100, Laura, 276-9481

DODGE ARIES, auto, PS, PB, AM/FM, runs great, \$4500, Fran, 279-5236

'71 CHEVY C10 PICK-UP, 8'bed, 6cyl std, has some minor rust, \$1000, B/O, Thomas, 276-9207

'82 RENAULT LE CAR, 4dr, tint windows, 10Kmi, blue, \$5000, Donna, 278-4004

'76 FORD PICK-UP, 6cyl, radio, snow tires, runs gd, exc motor, nds body work, \$600, Bette, 223-7543

'77 DODGE MONACO SEDAN, PS, PB, PW, 56Kmi, vy gd running cond, AM/FM, B/O, Nancy, 223-3066

'81 TOYOTA COROLLA SR5, 1ftbck, 5spd, AM/FM, snows, 51Kmi, exc cond, \$4600, Dave, 223-3342

'78 OPEL ISUZU, 87Kmi, gd tires, new motor parts, blue, exc winter car, \$1300, Carrie, 225-6373

'77 OLDS CUTLASS SUPREME BROUGHAM, 2dr auto, V8, PB, PS, AM/FM, AC, cruise, gd cond, \$2500, B/O, Liz, 223-2366

'80 SUBARU GL 1600, 4dr, AC, other options, exc engine, high miles, \$3000, Karen, 249-4457

'82 SAAB TURBO COUPE, 2dr, maroon, 19Kmi, perf cond, fully loaded, orig \$18K, \$12,500, Dick, 249-4128

'73 CORVETTE, 350 4spd, T-top, PB, PS, PW, AM/FM, white, \$9000, Pam, 231-4177

'80 BUICK SKYLARK, 4dr, PS, PB, AC, AM/FM, auto, 50Kmi, vinyl top, super cond, \$4350, B/O, Dick, 231-4356

'83 SUBARU GL, 4dr, 5spd, PS, PB, PW, sunrf, cruise, 8K mi, rack, rustprf, stereo, \$8700, Bob, 279-5459

'75 PINTO, come and see, we'll talk about price, Oya, 249-4013

'71 CHEVY PICK-UP, 1/2ton, AM/FM, 3spd std trans, exc running cond, \$1500, Mike, 289-1545

'74 GMC VAN, 6cyl, PS, PB, some int custom work, runs great, sunrf, extras, B/O, Linda, 279-5830

'79 CUTLASS SUPREME, 6cyl, 46Kmi, AC, AM/FM, new brakes, aqua green, exc cond, \$4300, Lisa, 249-4054

'66 COLORADO FORD CUSTOM PICK-UP, new paint, seat+tires, no rust, \$1200-trade for car, Brian, 233-2276

'70 JEEP COMMANDO, 4WD, new snow tires+batt, some rust, \$700, Eric, 231-7501

'78 FORD PINTO, new trans, chain, exh+2 frnt tires, rebt carb, exc body, 50Kmi, \$2500, Bob, 223-9302

'81 CHEVETTE, AM/FM, CB, auto, rustprf, 23Kmi, exc cond, \$3975, John, 223-6824

'81 VW RABBIT, 4dr, diesel, sunrf, 30Kmi, 47mpg, leatherette int, black, \$4000, Steve, 223-2219

'71 AMC HORNET, 4dr, auto, 6cyl, 93Kmi, reliable transportation, \$200, B/O, Kathy, 277-7304

'76 PLYMOUTH ARROW, 4cyl, 4spd, 79Kmi, snow tires, AM/FM, snow tires, 30mpg, \$2000, Kelly, 279-5872 aft3

'69 VW BEETLE, rebt, vy clean, no dents, AM/FM, mechanically solid, \$895, Frank, 223-4029

'76 PLYMOUTH VOLARE WGN, 6cyl auto, AM/FM, rfrack, new brks+calipers, white, \$2000, B/O, Chris, 223-7153

'84 BRONCO II, 4WD, V6, 5spd, AC, loaded, all options, 5500mi, \$13,500, B/O, Van, 282-2128

'81 CITATION, PS, PB, auto trans, radio, 42Kmi, \$4200, Judy, 225-6688

'81 TOYOTA STARLET, htchbck, sunrf, stereo cass, snow tires, 46mpg hwy, 43Kmi, blue, \$4500, Susan, 223-6673

'78 FORD F150 PICK-UP, 4x4, 4spd, 6cyl, 54Kmi, sunrf, 4 new radials, AM/FM, \$4900, B/O, Walton, 232-2241

'80 FIAT BRAVA, 2dr, AC, AM/FM, cloth int, low mileage, bronze, gd cond, \$3000, Denise, 223-2274

'64 MERCEDES BENZ 220, w/4 snow tires, vy gd cond, \$3500, Catherine, 221-5000

'72 VW 'BAJA', converted Beetle, no rust, new paint, \$1500, John, 282-2044

'75 VW RABBIT, 4dr htchbck, frnt whl drv, AM/FM, 4spd, gd body+tires, \$1100, Evelyn, 241-4098

'80 TOYOTA COROLLA SR5, sport coupe, AM/FM, cloth seats, vy gd cond, \$4400, Tom, 231-6812

'80 BUICK SKYLARK, 4dr, auto, 4cyl, PS, PB, AM/FM, tan, clean, exc cond, \$4200, Bob, 231-2163

'77 PONTIAC SUNBIRD, 2dr, AM/FM, 4cyl, 4spd, radials, nds body work, \$1200, Herve, 231-6938

'79 FORD PINTO STA WGN, 38Kmi, auto, PS, PB, new brks+exh system, exc cond, Betty, 278-4302

'79 MAZDA RX-7, 4spd, stereo cass, silver, exc running cond, \$4600, Ken, 269-2414

'68 PONTIAC CATALINA, 400, V8, \$2300 invested in auto, showrm quality, \$1000, B/O, Walter, 284-3023

'63 DODGE DART 170, runs well, slant 6 eng, 2dr, some rust, \$500, B/O, Sheila, 223-2772

'77 MERCEDES 450 SLC, less than 70Kmi, asking approx \$20K, Judy, 288-6419

'80 BMW 320i, 34Kmi, all options, alarm sys, AC, AM/FM, mint cond, \$10,900, Sergio, 231-5424

'81 TOYOTA COROLLA, 2dr, 5spd, AM/FM, 31Kmi, rear defog, rustprf, cloth seats, \$5500, Nadia, 223-9190

'80 CHEVETTE, 4dr, auto, 51Kmi, rear defog, rustprf, AM/FM, AC, navy, cloth int, \$3200, B/O, Sharon, 225-5922

'79 MERCURY CAPRI, 6cyl, auto, sport pkg, AM/FM, 30Kmi, rustprf, sunrf, showrm cond, \$4500, B/O, Matt, 247-2336

'76 MG MIDGET, 50Kmi, new clutch, top, batt+exhaust, AM/FM, 35mpg, no rust, \$2495, John, 231-7221

'82 CORVETTE, auto, PS, PB, AC, AM/FM, leather int, low mileage, silv-green, \$16,100, B/O, Arthur, 273-3133

'77 OLDS DELTA 88 ROYALE, 55Kmi, one owner, AC, PS, PB, plush int, silver, vy clean, \$4000, Paul, 275-6164

'81 BUICK SKYLARK, auto, 4cyl, cloth seats, PS, PB, AM/FM, under 30Kmi, walnut, \$5000, B/O, Steve, 225-6197

'81 VW RABBIT, diesel, 4dr, 5spd, AM/FM, beige, exc cond, \$4500, Dick, 231-5401

continued

## CARS continued

'67 CHEVY IMPALA, solid, runs well, many new parts, receipts, \$700, B/O, Charles, 231-7028

'76 HONDA CIVIC, hatchback, 4spd, 35mpg, reg gas, 88Kmi, new exh sys, AM/FM, B/O over \$1500, Karen, 234-4412

'81 VW RABBIT, diesel, 4spd, 4dr, sunrf, 50mpg, 26Kmi, exc cond, \$5000, Nancy, 277-7120

'80 HONDA ACCORD, hatchback, auto, rustprf, 44Kmi, new tires, poly/gly, AM/FM, silver, B/O, Ray, 251-1679

'78 CORVETTE, "Indy Pace Car", ltd edition, every possible option, 20Kmi, \$17,900, B/O, Paul, 229-6024

'78 CHEVY BLAZER, 2 whl dr, Cheyenne pkg, 87Kmi, exc cond, \$3400, Burt, 234-4640

'81 MAZDA RX-7GS, 5spd, Chapman, mnted snows, other extras, 43Kmi, blue, \$8200, Caroline, 249-4252

'78 BMW 320i, 4spd, AM/FM, AC, vy well maintained, unique red, beautiful, \$7200, Joe, 242-2573

'77 OLDS CUTLASS SUPREME, AM/FM 8track, 6cyl, PS, PB, AC, 2dr, auto, 96Kmi, \$2700, B/O, Bill, 221-5694

'78 MGB, low mileage, AC, Super Sprint exh system, exc cond, \$4000, John, 241-3408

'81 TOYOTA COROLLA, 2dr sedan, auto, AM/FM, 55K mi, sunrf, lt blue, exc cond, \$5495, Minh, 223-7270

'75 OLDS OMEGA, vinyl top, PS, PB, 75Kmi, gd cond, \$1500, B/O, Claudia, 739-4819 aft 6

'78 PLYMOUTH ARROW, AC, AM/FM, new Die-Hard batt, 2new radials, rear defog, \$2695, Judith, 275-6039

'81 HONDA CIVIC GL1500, 5spd, AM/FM, tach, dig clock, cloth int, rear wiper/defrost, \$4400, Steve, 251-1072

'78 DATSUN KING CAB, reg gas, 30mpg, many extras, showroom cond, Vito, 231-4389

'76 BUICK CENTURY LANDAU, 2dr, V6, elec sunrf, tilt whl, cruise, stereo, more, \$2500, Jeanne, 251-1353

'76 HONDA CIVIC, hatchback, 45Kmi, exc cond, \$1650, Eli, 278-4557

'82 AMC SPIRIT DL, auto, PS, PB, tilt whl, AM/FM, 14Kmi, exc cond, \$5695, John, 225-4184

'71 VW SUPER BEETLE, runs well, gd gas, new tires + exh, some rust, \$800, B/O, Bob, 269-2169

'76 HONDA CIVIC CVCC, hatchback, 5spd, rebtl eng, new tires, muff+alt, 30mpg, \$770, B/O, Rita, 276-9610

'80 FORD FAIRMONT WGN, 56Kmi, one owner, gd cond, grey, \$3200, B/O, Jane, 249-4813

'75 MERCURY MONARCH, 4dr, 70Kmi, silver, \$1650, Valdis, 247-2342

'71 DODGE DART, 2dr, PS, slant 6 eng, 63K orig mi, \$650, B/O, Stan, 251-1918

'79 CHRYSLER LeBARON, 2dr, AM/FM, AC, tilt whl, PS, PB, auto, loaded, exc cond, \$4995, Frank, 247-2004

'80 FORD MUSTANG, 50Kmi, AM/FM, 4spd, snow tires, charcoal grey, exc cond, \$4000, Cathy, 223-4463

'75 VW DASHNER, auto, 4dr, AC, AM/FM, new radials, vy dependable, exc cond, \$1800, Jan, 225-4432

'79 OLDS STARFIRE GT, 3dr, 6cyl, 5spd, AM/FM, rustprf, 105Kmi, gd cond, \$1500, Dean, 223-7122

'81 CHEVY CITATION, 4dr hatchback, auto, AC, PS, PB, 31K mi, AM/FM, protection plan, \$4500, B/O, Amy, 229-6265

'79 BUICK OPEL, 4dr sedan, \$1500, B/O, Jack, 288-6827

'71 MERCEDES BENZ 250C, 2dr, PW, power sunrf, rebtl eng+trans, silver w/black top, \$7500, Mary, 221-5030

'78 SUBARU WGN, 5spd, AM/FM, 68Kmi, no rust, exc cond, \$2600, B/O, Stephen, 278-4773

'74 CHEVY MALIBU, 2dr, auto, PS, PB, new paint job, runs gd, \$1500, Marion, 283-6218

'76 DATSUN 610, like new, restored July 83, AM/FM, cass, AC, \$2995, B/O, Jack, 223-4995

'78 DATSUN F10 WGN, 4spd, recent eng work, 78Kmi, new brake job, battery+exh sys, \$2200, Cynthia, 231-6702

'71 KARMAHN GHIA, orig owner, 24Kmi, rebtl eng, Mich radials, radio, new muff+brks, \$950 firm, Cy, 247-2023

'77 DATSUN 280Z, 4spd, AC, AM/FM, 70Kmi, mechanically sound, nds some body wrk, \$3500, Wayne, 238-3524

'78 PINTO PONY, 4spd, 68Kmi, rebtl eng, FM/8track, \$900, George, 225-5834

'81 MAZDA 626 L COUPE, 5spd, 59K hiway mi, loaded w/ all extras, exc cond, dk grey, \$7500, Tom, 288-6508

'74 DODGE CORONET, 4dr, 57Kmi, gd cond, \$1000, Michelle, 223-3312

'75 CHRYSLER CORDOBA, PS, PB, PW, leather int, AC, rear defog, AM/FM-8track, cruise, \$1995, Penny, 223-5167

'75 MERCURY MONARCH GHIA, 56Kmi, 6cyl, 4dr, AM/FM, radials, alarm, vy gd cond, \$1700, Pat, 249-1358

'72 OLD CUTLASS CONVERTIBLE, "classic", body in gd cond, mechanically sound, \$2500, B/O, Judy, 223-4378

'78 MERCURY COUGAR XR7, low mileage, AM/FM-8track, AC, decor group, \$3800, Diane, 223-4521

'78 TOYOTA COROLLA, 2dr, AM/FM, exc mechanical cond, 34mpg, white, \$2600, B/O, Sandra, 223-5467

'78 SAAB TURBO, 78Kmi, new exhaust, brakes, clutch, tires+turbo, perf cond, \$6200, Dave, 292-2429

'63 BUICK RIVIERA, Wonderbar, rear qtr damage, still runs, restore-parts car, \$1100, B/O, Dick, 223-9480

'81 DODGE CHARGER 2.2, 4spd, 21Kmi, sunrf, AC, AM/FM, cass, cruise, more, \$5300, Ben, 223-5952

'81 CHEVETTE, std, 4new tires, just tuned up, light brown, \$3800, Kobe, 225-4336

'77 DATSUN B210, hatchback, AM/FM, 35+mpg, reg gas, orig owner, vy gd cond, \$2000, Pat, 223-4631

'79 BUICK REGAL, 2dr hrdtop coupe, AC, AM/FM, new stl belted radials, 51Kmi, Jean, 249-4849

'55 CHEVY, runs, restorable, \$500, Susan, 274-6650

'78 DATSUN F10, 2dr wgn, 4spd, 78Kmi, frnt whl drv, some rust, reg gas, red, \$1300, B/O, Ellis, 251-1691

'77 CADILLAC EL DORADO, all std Cadillac features, gd cond, 79Kmi, \$4500, Larry, 288-6400

'76 DATSUN 2, 4spd, AC, sunrf, many new parts, silver, black int, Michael, 273-3389

'79 CUTLASS SUPREME, V6, AC, 46Kmi, AM/FM, exc cond, \$4500, Lisa, 249-4054

'81 BMW 733i, 20Kmi, silver, blue leather int, 5spd, \$21,500, Bruce, 223-8943

'72 CHEVY PICK-UP, std, 6cyl, stereo+power booster, snow tires inc, black, \$900, B/O, Karen, 223-6114

'77 MONARCH GHIA, 4dr, auto, PS, PB, AC, AM/FM, new brakes+exhaust, exc cond, B/O, Len, 269-2200

'76 DATSUN 610 WGN, 77Kmi, auto, AM/FM, runs great, \$1750, Hank, 231-5804

## FURNITURE

SOFA BED, double bed size, dark red, nds slip cover, \$100, B/O, Walter, 225-4593

COFFEE + END TABLE, walnut finish w/smoked glass top, \$75, Beth, 247-2424

DOUBLE BED, cannonball, w/trpl drssr + upright drssr w/hutch mirror, \$250, Sheila, 232-2565

BEDROOM SET, queen sz, gd quality, w/hdboard + matching dbl drssr, \$450, John, 223-1252

DINING RM SET, Chinese, all bamboo, glass top, 6 chairs w/cushions, vy nice, \$495, Bob, 278-4559

BEDROOM SET, queen sz hdboard, trpl drssr, 2mirrors, armoire, nitestand, all wd, \$800 firm, Lesley, 249-4048

POOL TABLE, 3/4" slate, complete, exc cond, \$500 firm, Janet, 223-5237

COUCH, light blue velvet material, vy gd cond, \$150, Susan, 288-6443

DINING RM SET, dk pine hutch, trestle tble, 2chairs, 2benches, \$500, B/O, Carol, 225-4639

MATTRESS, qn size, foam, ideal for platform bed, \$40, Linda, 225-6515

WATER BED, king sz, 6drawer pedestal, padded frame, heater, liner, sheets, used 1mo, \$550, Rene, 289-1406

LAWN CHAIRS(2), contoured, green padding, \$15 ea, Gene, 223-5244

SOFA + CHAIR, flip-top sleeper sofa + chair, beige, removable covers, lk new, \$200, B/O, Alfred, 247-2533

COFFEE TABLE, maple, rectangular, with side drawers, \$40, Barbara, 223-4445

BEDROOM SET, campaign style, hdboard, bureau, bkcase, corner cabinet+desk, walnut, \$125, Annette, 223-8233

BEDROOM SET, qn sz, 6' hi solid pine poster bed, drssr w/hutch-mirr, nitestand, \$850, Barbara, 224-2230

LIVING RM, Mediterranean style, long sofa + love-seat, avocado/gold, 3 drk tbles, \$300, John, 279-5430

SOFA + CHAIR, rust-brown-beige floral, contemporary style, \$275, Michelle, 276-9153

WALNUT DRESSERS, gd cond, \$100 ea, Dev, 251-1367

ROCKER/RECLINER, blue velour chair, less than 3mos old, \$210, Norm, 235-3236

KITCHEN TABLE, drop leaf, maple, gd for small kitchen, \$100, B/O, Kevin, 234-5090

BDRM FURNITURE, French Proven, 2 3drawer drssrs, nt tble, desk+chair, mirror, \$375, B/O, Taryn, 251-1063

WATERBED, qn sz, bkcase hdboard, 12drawer pedestal, less than 1yr old, \$500, B/O, Cathy, 241-3753

HD BOARD, by Ethan Allan, spindle, king sz, maple, \$100; COLONIAL ROCKER, maple, \$75, Merrick, 276-9806

## LOST &amp; FOUND

LOST: BRACELET, gold chain lost at DECTown Family Day, Sunday, Aug 28, Mahnaz, 231-5548

LOST: RING, gold ruby+pearl, at Canobie Lake Park, Oct 82, sentimental value, reward, Andrea, 231-7756

FOUND: SET OF KEYS, Subaru, hotel key, etc, early Sept, Rt 117 nr Boys Club, Maynard, Gary, 223-1957

FOUND: KEY RING+KEYS, DEC 25yr key ring, nr Douglas School, Elm St, Acton, around 9/22, Julie, 223-9500

## MISCELLANEOUS

WOOD STOVE, Defiant, w/back, bottom shields, used 4 winters, exc cond, \$495, Steve, 223-5319

ANTIQUA PIANO, small, upright with brass candle holders, mahogany veneer, \$400, Jon, 223-7850

PARKA, by LL Bean, men's sz XLG, green w/plaid lining, orig \$73, 1yr old, \$40, Stan, 231-6895

BINOCULARS, Bausch&Lomb 7X35 sport binoculars, w/case, almost new, \$55, Arnold, 231-4104

SNOW TIRES(2), Goodyear D78-14s, less than 5Kmi, exc cond, \$55; HEATALATOR, w/fan, \$15, Mac, 251-1627

STEREO, RadioShack AM/FM/FM stereo, cass, turntabl 2 6"woffers, exc cond, \$150, Bonnie, 285-6296

TELEVISIONS(3), 1 color, 2 B+W, B/O, Terry, 225-5200

ANTIQUA WATER PURIFIER, for artesian well, still intact, \$25, Sheila, 225-6477

SHOW TIRES(2), D78-14, mnted on rims, gd cond, \$55;  
8MM MOVIE CAMERA, w/all acc, \$100, Tony, 251-1733

WOOD STOVE, black Franklin, holds 18" logs, gd cond,  
\$75, Tony, 223-9025

OUTDOOR SHUTTERS, 12"x49", 10 prs, new, aluminum, still  
in box, \$185, Robert, 275-6163

CLASSIC GUITAR, Yamaha 6-string, nylon, case, \$75,  
Joyce, 249-4486

FORD MANUAL, 1972 Ford Mercury factory shop  
manual, complete set, \$15, Ken, 276-8280

VIOLINS(2), full sz, w/bow+case, German made, pro-  
fessional quality, \$2000+\$4000, Felix, 249-4713

HELMETS(2), 1 Shoei full-face, med sz, orange; 1 Bell  
Magnum sz 7 1/4, orange, \$25ea, Jim, 289-1314

TIRES(2), all-seas Weatherwise stl-radials, on Ford  
rims, P175/80R13, used 3mos, \$75ea, John, 223-1353

TIRES(2), Goodyear stl-belted radials, 165 SR13, vy  
gd cond, \$35ea, B/O, Neil, 231-5669

SPARE + RIM, spare tire mntd on rim for Pontiac  
Sunbird, B/O, Peggy, 231-6878

KEYBOARDS, Yamaha SK15 organ, strings, synth, \$750;  
Fender Rhodes elec piano, \$600, Steven, 231-6794

WOOD STOVE, Waterford, cast iron, air tight, 14-16"  
logs, 1yr old, pipes avail, \$250, Betty, 231-5581

INTELLIVISION, w/6 games, \$140, B/O, Steve, 226-7167

WOOD STOVES(2), 1 Franklin style, gd cond; 1 Jotul  
copy box stove, exc cond, \$75ea, Gordon, 223-9246

PIANO, upright, gd cond, \$275, Leo, 279-5802

TREE, 8-10' tall, exc cond, \$30, Anne, 251-1316

TELESCOPE, Crown 8" Newtonian w/tripod, motor drive,  
4 oculars, drive corrector, \$750, Steve, 241-3074

CAMARO LOUVERS, fit '75-81 models, never used, \$60,  
Bruce, 278-4413

TRUCK CAP, fits Toyota longbed, finished interior,  
lights, crank+slide windows, \$250, Dan, 278-4237

COMMUNICATIONS RECEIVER, Drake Model 2A, crystals  
for 80-40-20m, Q multipl, phones, \$85, Ron, 241-3284

EXERCISE BIKE; maple chair+coffee tble; washing  
machine; exc cond, reasonable, Eileen, 225-6723

POLAROID SX-70, instant camera, orig \$150, asking  
\$85, Wendi, 225-4910

WOOD STOVE, Jotul #6, up to 22" logs, gd cond, \$550,  
B/O, Steve, 276-8076

CAR RADIO, Panasonic AM/FM stereo, \$75, B/O, Kathy,  
223-6831

TIRES(2), Uniroyal glass-blted, E78-14, used 1 seas,  
\$40, Ilya, 223-6437

TYPEWRITER, Smith-Corona manual, pica, w/case, \$150,  
Sandra, 234-4264

COLOR TV, Quasar 19", UHF, just repaired and all  
parts checked, \$150, Joan, 249-4205

SNOW TIRES(2), mnted Roadhandlers, P155/80R13, \$75/  
pr, Dick A., 289-1182

AMATEUR TRANSCEIVER, Swan 500CX, 10-80M, includes  
power supply, \$250, Ken, 231-5381

INTELLIVISION, w/10 ctrdges: DemonAttack, Atlantis,  
MonkeyKong, Carnival, more, \$395, B/O, Brian, 223-4089

TYPEWRITER, IBM Selectric II, non-correcting, dual  
pitch, 13.5" carriage, exc cond, \$525, Rick, 223-4538

STEREO, Bose mdl 360 AM/FM rec'vr + turntable w/  
Shure crtrdge, \$150, Steve, 257-1177

WOOD STOVE, airtight, burns 12hrs, 24" logs, firebrick  
lining, used 1 seas, \$350, Bonnie, 225-4414

TV, Admiral, nds work, cabinet in exc cond, FREE to  
anyone who wants to pick it up, Anne, 231-4889

ELECTRONIC FLASH ATTACHMENTS, for flash photo-  
graphy, 2 units in exc cond, \$10/\$15, John, 289-1573

COAL STOVE, Godin, small model coal/wood stove, UL  
approved, used 1 seas, \$500, John, 223-6163

COLOR VIDEO CAMERA, RCA CC012, elec viewfinder, 6:1  
power zoom lens, weighs 3lbs, \$575, Herb, 269-2098

STEREO TURNTABLE, Kenwood KD-1500, 2yrs old, gd  
cond, \$75, Beth, 278-4514

WINDOWS(2), 1 Anderson bay 52"Hx58"W; 1 Mullion  
46"Hx66"W, storms, B/O, Roger, 274-6901

SNOW TIRES, Atlas Weatherguard, E78x14, mnted on  
Dodge Dart rims, used 1 seas, \$65, George, 223-7422

WOOD STOVE, frplc insert, maroon porcelain finish,  
airtight, 2yrs old, \$200, George, 221-5327

BALDWIN ORGAN, electric console, bench, \$275, Jack,  
223-4995

REPAIR PARTS for pincall machines, electromechan-  
ical only, Dick, 231-5483

WEDDING GOWN, sz 3-5, orig \$200, exc cond, \$75, Cindy,  
231-6702

INTELLIVISION GAME, by Mattel, Sub Hunt, \$15,  
Sonia, 234-4686

MOHAIR, washed for hand-spinning, \$8/lb; HOMEGROWN  
HONEY, \$1.30/lb, Diane, 229-6106

VHS PORTABLE VIDEO SYSTEM, Akai VCR, RCA CC007  
camera w/6x power zoom, cases, \$1100, Jim, 223-9609

ROBIN COMPUTER, complete + integrated, printer, 2  
drives, \$1595, Gary, 231-7466

VAN SEATS, Ford standard front van seats w/seat  
belts, new, \$50ea, Virginia, 223-5851

SPINNING WHEEL, 3yrs old, spins vy well, fine yarn,  
\$175, B/O, Sandra, 223-5467

LEATHER JACKET, ladies sz 7/8, brown leather, w/  
belt, \$50, Priscilla, 223-9371

WOOD STOVE, airtight "pot belly" stove, gd cond,  
\$100, Juanita, 223-6141

TIRES(4), Perrille B/W radial 195/14s, taken from  
new car, approx 1Kmi, \$2000 firm, Nancy, 288-6301

RADIAL ARM SAW, 10" Craftsman, w/metal bench stand,  
used little, exc cond, \$220, Erick, 223-7570

VT55, w/copier option, orig \$5300, B/O over \$1000 or  
trade for older camper/trailer, Rick, 242-2565

HAMMOND ORGAN, A100 mdl, ebony, self-containd spkrs,  
full pedal board, 2 manuals, \$2200, B/O, Dot, 276-9358

OSCILLOSCOPE, H.P. 1707, in exc cond, B/O, Charlene,  
249-1402

SOUND MOVIE CAMERA, Minolta XL660, compact, 6x1 auto  
zoom, fade in-out, w/case, \$200, B/O, Bruce, 223-4972

## MOTORCYCLES

'79 YAMAHA 750 SPECIAL, mag whls, shaft drv, many  
extras, exc cond, \$1500, B/O, Pete, 223-7107

'79 HARLEY DAVIDSON SPORTSTER, XLS Roadster, blk/  
platinum, low miles, xtras, \$4200, B/O, Kathy, 225-5688

'80 HONDA CX500C, skirted windshld, eng guards, back  
rest, travel trunk, like new, \$1400, Robert, 221-5373

'73 NORTON 750 COMMANDO, under 14Kmi, rebuilt, many  
extras, like new, \$1500, Darlene, 249-4237

'78 YAMAHA 650, special edition, 11,500mi, stock +  
custom seats, helmet, cable lock, \$1150, Joe, 241-4575

'82 YAMAHA Y280, new sprocket, chain, piston+rings,  
vy gd cond, \$450, Judy, 292-2265

'81 HONDA 750F, black w/sport fairing, used for  
commuting to work only, \$1900 firm, Tony, 225-4494

HONDA CB100, like new, low mileage, \$500, Kurt,  
226-7298

## PETS

FREE KITTENS, 2 grey, 2 black, trained to use litter  
box, Barbara, 223-4564

OLD ENGLISH SHEEPDOG, 22mos old, w/shots, gd watch-  
dog, gd w/kids, doghouse inc, \$25, Joe, 225-4651

FREE KITTENS, multi-colored, grey, B+W, yellow, ready  
to go now, Barb, 223-1889

LABRADOR RETRIEVERS, chocolate, AKC reg, health  
cert, avail immed, \$300+up, Michael, 251-1152

ANGORA GOATS, tiny, odorless, gentle, \$100ea, Diane,  
229-6106

COCKER SPANIEL, male, buff+white, 14mos old, AKC  
papers included, B/O, Sue, 273-3426

CATS, 1 male orange tiger, 1 male grey+white, bx-  
trained, friendly, free to gd homes, Debbie, 288-6413

## ROOMMATES

ROOMMATE, M/F, non-smoker, share lrg Belmont duplex,  
2bdm/7rm, \$325/mo, avail immed, Steve, 231-2189

ROOMMATE, F, Lowell/Chelmsford line, nr Rta 3+395,  
2bdm twnhse, \$225 + 1/2utills, Liz, 223-6053

HOUSEMATE, F, Wayland, 20s, non-smoker, 3bdm homo,  
\$285 + 1/3utills, Barbara, 225-5752

HOUSEMATE, prof F, Hopkinton, non-smoker, \$225 +  
1/3utills, Peg, 231-5158

HOUSEMATE, prof M/F, lrg Victorian in Natick, non-  
smoker, Nov 1, \$300+, Gretchen, 276-9122

ROOMMATE, prof non-smoking F looking for same to  
provide/locate apt, Waltham area, Barbara, 235-3306

ROOMMATE, non-smoker to share home, \$250/mo, Julio,  
223-9357

HOUSEMATE, M/F, to share 7rm cape in Townsend, non-  
smoker, no pets, \$200 + 1/2utills, Dan, 257-1120

HOUSEMATE, M/F, non-smoker, Maynard, bdrm, priv study  
+ bath, \$325 + 1/2utills, George, 276-9606

ROOMMATE, F, 2bdm apt, Leominster, \$200 + 1/2 utills,  
Kathy, 234-4451

ROOMMATE, F, 2fam home, 3mins from MRO, \$250/mo w/  
heat + 1/2 minor utills, Diane, 231-6842

## RENTALS

HOUSE, Rye, NH, 3bdm, 2bath, gar, bsmt, furnished, nice  
residential area, \$500 + utills, Maryann, 223-3000

APT, Clinton, 5rm+deck, 2bdm, LR, DR, mod kitch, no  
pets, Nov 1, \$450-utills inc, Dot, 234-4518

COTTAGE, Lake Winnepesaukee, avail for fall foliage  
wk-ends in Oct, \$100, Kevin, 279-5332

HOUSE, Lunenburg, 3bdm, waterfront, \$525 + utills,  
Gordon, 235-3215

HOUSE, S. Yarmouth, Bass River, 2bdm, frplc, gas heat,  
enc porch, Oct-June, \$265+utills, dep, Roger, 274-6901

HOUSE, Falmouth, get away wk-ends, 100ft to water,  
quiet area, slps6, Oct: \$45/day, Paul, 223-3548

HOUSE, Worcester, 6rm ranch, 3bdm, 1 1/2bath, bsmt,  
yard, dead-end st, \$700-utills, dep, Barbara, 231-4164

CONDO, N. Conway, 2bdm, golf course, pool, tennis, fol-  
iage views, wk-ends avail, \$250/wk, Richard, 223-9837

SKI CHALET, White Mtns, slps8, frplc, 30min to Loon,  
40min to Cannon, \$350/wk, Marcia, 231-5141

ROOM, in priv home, Harvard, w/bath + kitch priv,  
quiet st, 3mi to 495, price neg, Ann, 279-5827

continued

**RENTALS** continued

SKI CONDO, N. Conway, slps6, DW, washer/dryer, 2bdrm, 5mo season, starts 11/24, \$2100, Richard, 235-3523

LAKEFRONT COTTAGE, Hillsboro, NH, slps4, fully equip, heated, wk/wkend, seas/off-seas rate, Susan, 231-6147

ROOM, Maynard, walk to dwtnw, laund+kitch priv, quiet st on Assabet, \$65/wk, Kathie, 231-6941

CONDO, Grafton, 5rms, frplc, gar, new+beautiful, avail Nov 1, \$650 + utils, Fran, 231-5040

CONDO, Maynard, 3bdrm, 3bath, frplc, pool, tennis, new, avail Nov 1, \$850, Len, 223-6233

CHALET, N. Conway, slps8-10, nr Attitash + Wildcat, Dec 1-Apr 15, \$200/wkend, Michelle, 276-9153

HOUSE, Ashby, 2bdrm cape, nice area, avail Nov 1, \$475 + utils, Frank, 223-9153

APT, Maynard, 3 1/2rms, 1 block from ML, yard, gar, storage, \$400 + utils, Mike, 273-3508

HOUSE, W. Concord, 6 furn rms, bsmt w/frplc, walk to train+schools, 1-2yrs, \$850 + utils, Judy, 223-2353

HOUSE, Wayland, 2bdrm, pond view, recently remodeled, no pets, avail Nov 1, \$700/mo, Linda, 231-5052

APT, nr all MR sites, 4 12/rms, 1st flr, avail Jan 1, no pets, \$450 + utils, dep req, Karen, 231-6569

**RECREATIONAL VEHICLES**

APACHE CAMPER, semi-automatic lift, fiberglass top +sides, slps6, \$550, Jim, 281-5638

'70 TENT CAMPER, slps4, ice bx, stove, nds canvas repair, \$200, Dave, 282-2147

BAYLINER BOAT, 20', deep V, 130HP Volvo in/outboard, exc cond, \$7500, Bob, 231-6730

NIMROD TENT TRAILER, slps4, new tires, exc cond, \$500, Cindy, 288-6526

'73 PEARSON SAILBOAT, 26', fully equipped, many extras, exc cond, \$14,500, Bob, 225-4205

ROWBOAT, '69, deep V hull, aluminum, 12', 4HP Mercury motor, oars+extras inc, \$350, B/O, Linda, 288-6557

'73 CONTINENTAL MINI-MOTORHOME, 18', slps6, vy gd cond, \$6500, Howie, 223-3509

'81 MINI-MOTORHOME, 17', Toyota chassis, slps4, rf ladder, AC, bath, dinette, \$11,900, Neal, 236-2460

FRANKLIN PICK-UP CAMPER, 11.5', slps6, all options, \$1400, B/O, Sylvia, 223-8801

ALPEX BOAT, FG Runabout, 15.5', 75Hp Johnson OB, top, tilt trailer w/rollers, \$2200, Keith, 288-6549

'77 HUNTER SLOOP, 27', shoal keel, slps5, diesel eng, comp furn, all options, \$18,700, Frank, 223-6284

'70 GLASTRON, 16', 85HP Merc, fiberglass, new batt, windshld, trailer inc, \$2100, B/O, Laurel, 249-4175

'74 O'DAY SAILBOAT, 23', 4sails, comp electronics, 10 HP Johnson, trailer, \$10,500, Demetrios, 292-2279

**REAL ESTATE**

BUZZARDS BAY VILLAGE, CapeCod, 3bdrm, 1 1/2bath, LR w/frplc, fenced yard, gar, \$59.9, Chris, 223-5431

GAMBREL, on country road, 8rm, 2 frplcs, new carpet, 2nd floor, more, \$77.9, Steve, 226-7167

SPENCER, 2bdrm split, gar, 1 1/2bath, town water + sewer, \$58.5K, Angelo, 279-5452

EAST DENNIS, new 3bdrm yr round ranch, nr 6A+golf course, 1mi to beach, \$65.9K, Dick, 225-4232

HUDSON, 8rm garrison, 4bdrm, 1 1/2bath, lrg fam rm, LR w/cath ceiling+frplc, \$94.9K, Dot, 234-4378

NASHUA, North End, lrg 9rm garrison, slider to deck, 2frplcs, 2car gar, 4bdrm, \$125K, Debbie, 223-6453

ACTON, Woodvale twnhse condo, 3bdrm, 1 1/2bath, full bsmt+attic, cent AC, lrg rooms, \$76.9K, Sy, 223-8568

LANCASTER, 3bdrm gambrel, 2baths, 2frplcs, lrg gar, form DR, full bmnt, brzway, \$89.9K, Sharon, 225-4287

STERLING, 3bdrm, passive solar, custom post+beam, 3 acres, rental avail, \$124.9K, Ron, 224-4739

FALMOUTH, timeshare condo, 2bdrm, patio, pool, golf, 3rd wk in June, 3days-Dec, \$8300, Darlene, 257-1201

EASTMAN, NH, building lot, yr round vacation community, \$19K, B/O, Judy, 223-2353

**SPORTING GOODS**

10 SPD BICYCLE, women's, hvy-duty frame, straight handle bars, blue, by Soma, \$100, Emily, 223-1311

10 SPD BICYCLE, Triumph, 26", just reconditioned, \$100, Dorothy, 231-7464

GOLF CLUBS, Wilson Staff, 2 PW, 1-3-4 woods, 2yrs old, \$120, B/O, Bob, 231-4799

WET SUIT, men's large, \$125, B/O, Cindy, 288-6526

BICYCLE, Ross, 26" boy's 10 spd, \$50, Rose Lee, 225-5054

EXERCYCLE, Schwinn XR7, weighted flywheel, orig \$250, new cond, \$150, Doris, 234-4826

COLEMAN SPACE HEATER, 5-8000 BTU, used twice, \$40, Tom, 235-3354

GOLF CLUBS, Walter Hagen "Ultradyn" irons, 3-9, PW, SW, putter, \$110, Steve, 257-1177

BOY'S ICE SKATES, figure or hockey skates, for 4-5 yr old boy, Grace, 247-2938

SKI BOOTS, Nordica Cyclone boots, men's sz 9 1/2, orig \$220, vy gd cond, \$100, B/O, Peter, 247-2282

BICYCLE, boy's 26" Columbia, 3 spd, \$50, Marcia, 231-5141

HEAD SKIS, 185cm, Saloman 404 bndngs, poles, safety straps, \$100; BOOTS, sz 8 1/2, \$20, Sandy, 223-2634

SKI BOOTS, sz 8, Risport, used for one seas only, \$45, John, 231-5572

GOLF CLUBS, drvrs-Taylor metal, Pedersen graphite, wdgs-Dunlop, MacGregor, Ram, \$30-40, Jack, 225-4253

SKIS, Fischer, 190cm, w/Tyrolia bndngs, \$90; NORDICA BTS, men's 10 1/2, \$40, 2 BIKES, \$50ea, Laura, 231-4679

**WANTED**

APT/HOUSE, single parent w/1 child, Acton/Conc are: looking for same, Shirley, 234-4330

ROBIN COMPUTER, any type configuration, reasonable price, Bob, 269-2422

BASSINET, in gd cond, Betty, 283-7675

CANOEING PARTNER, for wk-end trips, Norman, 279-5598

CRIB, preferably not painted, in gd to exc cond, \$50-\$75, Barbara, 223-1889

13" RADIAL TIRES, need 2 in gd cond, Bob, 282-2041

SNOWBLOWER, used, 5HP/24" or larger, 2-stage, running or repairable cond, reas price, Bill, 231-6212

GARAGE SPACE, for storage of car during winter months, Marlboro/Westboro area, Suzanne, 275-6360

ROBIN COMPUTER, will pay \$1600, Tim, 276-9573

PICK-UP TRUCK CAP, to fit '82 Ford short bed, styleside, Dick, 231-6967

STORAGE, for car, Oct-May, dry + secure, will pay rent, 30mi radius of Lowell, Ann, 276-4221

ROBIN and/or LA34, will pay gd price, Thomas, 279-5366

TABLE/NIGHT STAND, maple table to hold small TV, price open, Bert, 278-4209

BABY FURNITURE, i.e. crib, highchair, dresser, Jane, 234-4406

HOUSE/APT to rent, 2bdrm, within 10mi of Maynard, \$450-500, couple in mid 30s, George, 223-1183

KEYBOARD/GUITAR PLAYER who sings, GB/club band, have gigs lined up, serious inq only, Tom, 292-2243

CRAFTS PEOPLE for juried crafts show, Nov 6, \$25/booth, no commission, Denise, 234-4554

CANNING EQUIP, pressure canners, lrg press cookers, water bath pots, jars+rings, stockpots, Jon, 231-6876

REFRIGERATOR, used, in working order, w/separate freezer compartment, Frank, 223-4029

GERMAN TRANSLATOR, to translate a German knitting pattern to English, Constance, 279-5910

HOUSE TO RENT, Conc/Carlisle area, 3+bdrms, 2+bath, immed occ, Scottish fam, long-term, Gordon, 288-7523

**MARKETPLACE CF02-3/K23**

Type or print clearly. Ads are published on a first-come, first-served basis. The full name and 7-digit DTN number is required. Home phone numbers will not be printed.

CATEGORY \_\_\_\_\_

ITEM \_\_\_\_\_

DESCRIPTION \_\_\_\_\_

PRICE \_\_\_\_\_

DTN \_\_\_\_\_

LOCATION-M/S \_\_\_\_\_

NAME \_\_\_\_\_

first

last

(only 1st names are printed)





## NEWS BRIEFS

### Deadlines for "Digital This Week"

Deadlines for *Digital This Week* have been established to help you plan events and publicity around certain editions of the paper. Deadlines don't pertain to Marketplace which is first come, first served. The four issues and deadlines for DTWare:

Oct. 24 issue - Oct. 12 deadline  
Nov. 7 issue - Oct. 26 deadline  
Nov. 21 issue - Nov. 9 deadline  
Dec. 5 issue - Nov. 24 deadline

### Women in Information Processing meet

The Boston Chapter of Women in Information Processing will have a monthly dinner meeting on October 17 in Boston. Janice Miller, the international president, will speak on "The Information Age and the Role of Women." For more information contact Mary Ann Haas, DTN 275-6355.

### Computer Club looks over the Rainbow

On Tues., October 18, the Computer Club will present Paul Hairopoulos discussing the Rainbow and Rainbow software. The meeting will be held in the Corporate Auditorium (PKO3) from 6:00 p.m. to 7:30 p.m. and feature slides and a question and answer period. A business meeting will follow for employees interested in planning future activities. For more information contact Howard Spielman, DTN 249-4608.

### Address correction for Mill Terminals Servicer

The address and hours for the Mill Terminals Servicer were incorrectly listed in the last issue of DTW. The correct address for the Servicer at the Mill is MLO21-1. The Servicer is open Monday through Friday from 8:15 to 12:00 noon and from 1:00 to 5:00 p.m. for convenient carry in service. For more information contact Bud Lewis, DTN 223-1229.

### ALL-IN-1 overview offered

The Internal Office Systems Support (IOSS) group is offering a general ALL-IN-1 overview on October 19 from 1:00 to 4:00 p.m. in the Corporate Auditorium (PKO3-1). The cost of the overview is \$50 per person. To register or to put on a future interest list call DTN 223-ISWS.

### Hudson holds College Day

Engineering Training and Research is presenting a college information fair on Tuesday, October 18 from 9:00 a.m. to 12:00 noon at the HLO2 Cafeteria. Sixteen area colleges and universities will be on hand to provide information on continuing education opportunities in the surrounding area. For more information contact Lisa Kleman, DTN 225-4091, HLO1-1/007, WAFER::KLEMAN.

### Safety boating classes offered

The U.S. Coast Guard Auxiliary is offering sail and power boating safety classes at the Assabet Valley Vocational School in Marlboro on Wednesday evenings at 7:00 p.m. The only cost is for books and materials; the classes are free. For more information contact Art Beane, HLO2-3/M06, DTN 225-5329.

### IEG holds open house

Employees interested in opportunities in customer service management, program management, technical support, marketing communication and account representation are invited to an open house sponsored by the Internal Equipment Group (IEG). It will be held on October 20 in the lobby of the Virginia Road, Concord facility (VRO3-2) from 4:00 to 7:00 p.m. If you're unable to attend or would like more information contact Renita Lawrence, DTN 223-6644.

### METPAY takes holiday

All Metpay offices in the New England area will be closed Monday, October 10 for the Columbus Day holiday.

### Stock Plan enrollment to begin

The next payment period for the Employee Stock Purchase Plan begins on December 1. Prospectuses explaining the plan have been mailed to eligible new employees through internal mail. All other eligible non-participating employees can secure a prospectus from their Personnel Service Administrator (PSA).

To enroll, complete the pre-addressed enrollment card provided on the back page of the prospectus. All enrollment cards must be received at Investor Services no later than November 21. For more information on the stock plan, look for announcements of slide presentations at your site.

### Marlboro holds blood drive

The Health Services Department of Marlboro is planning a two-day blood drive in October to support a critical need for blood. The Red Cross Bloodmobile will be at MRO3 on October 25 and at MRO1 or October 26. For both days the hours are 9:00 a.m. to 2:45 p.m. Call Health Services for an appointment: MRO1, DTN 231-64 and MRO3, DTN 231-7800.

### Maynard Toastmasters host "Guest Day"

The Maynard Area Toastmasters will bring two international Toastmaster competitors to the Mill on Tues., October 18 from 11 to 1:00 in the Mill Cafeteria Conference Room (MLO5-4).

Bob Dae, district governor, will speak "Be Better Than You Are," and Lew Mu international director, will talk on "On Values." To reserve a seat or to ask questions call Donna Guest, DTN 223-5116. Ruth LeBlanc, DTN 223-5706.

### Girl Scouts need leaders

The Girl Scouts are running out of mothers. To remedy their critical leader shortage, the Patriots' Trail Girl Scouts Council which serves Massachusetts locations, is recruiting non-traditional leaders including men and women without children. For information about becoming a leader contact the Patriots' Trail Council at (617) 482-1078.

### Metpay provides drive-in claim service in Marlboro

Drive-in claims service is now available for Marlboro area employees who participate in the Metpay program. This service is provided at the Metropolitan Office on Route 20, 180 Boston Post Road in Marlboro.

When a claim is reported, an appointment can be made to have an automobile inspected at the Metropolitan office. The adjuster is available Monday, Tuesday, and Friday from 9:00 a.m. to 4:00 p.m., including the lunch hour.

### Bike Club looks at health

The Digital Bicycle Club will hold its next meeting on Tuesday, November 1 at 7:00 p.m. in the Marlboro (MRO3-3) Auditorium. Nancy Clark, nutritionist and exercise physiologist at Sports Medicine Resource Inc., in Boston, will be the guest speaker. Everyone is welcome. For more information contact Kathy Norton, DTN 234-454.



## COMPUTER CORNER

Find out how to cut down on computer costs by contacting the Computer Transportation Department, DTN 223-7029

Call the following DTN numbers to join these routes.

### VANPOOLS

#### To Nagog/Maynard

From Amherst, NH Doug Ryder DCV #67, 288-7606

#### To Maynard

From Leominster, Fitchburg (7:30-4:00), Peter Morin DCV #65, 223-3242

#### From E. Pepperell, Groton, Littleton,

Harry Aikens DCV #16, 223-9435

From Billerica, Bedford, Al Roemer DCV #74, 223-9408

From Eggleston Square via Route 9, Tony Santos DCV #64, 223-4725

#### To Maynard/West Concord

From Marlboro/Hudson to PK and CF, Bob Johnson DCV #18, 251-1945

#### To Maynard/Acton (ACO)

From Merrimack, NH, Lou Snider DCV #50, 223-7718

#### To Acton/Maynard/Stow

From Methuen, Salem, Andover, Tewksbury and surrounding area, Ken Noyce DCV #109, 223-3559

#### To Littleton/Stow/Maynard

From Hudson, Nashua, NH, Bob Hoglund DCV #75, 223-5513

#### To Stow/Maynard

From Worcester, Shrewsbury, Denise Moran DCV #36, 223-3088

#### To Marlboro/Mount Royal

From Cambridge (7:30 a.m.), Dick Russell DCV #37, 278-4324/4311

From Worcester, John Palczynski, 231-7221

#### To Wilmington/Woburn

From Maynard (7:00-3:30), Miyoko Winch DCV #44, 236-2244

### CARPOOLS

#### To Maynard

From Brookline (St. Paul St./Commonwealth Ave.), Gedy Levin, 223-2722

### FORMING VANPOOLS

#### To Maynard

From Leominster, Fitchburg (8:15-5:00) to PMR and the Mill, Melissa Breault, 223-6305

#### To Shrewsbury

From Maynard (November start date), Serge Martel, 276-9340

From Brookline, Newton (November), Ken Yee, 223-4504

From Allston, Cambridge, Brighton, Boston, Darrell Hartwick, 292-2156

From Townsend, Leominster, Mike Herman, 223-8897

From Stoughton, Joe Gomes, 233-2225

## Tuning in a master's degree



Watching classes at Andover carried live from Northeastern University are: (l. to r.) Karen Carmean, manager of training and development for PDS, Craig Michaelson, Ralph Palmer, Tom Noll and Michael De La Cruz.

For Michael De La Cruz and Craig Michaelson, working towards their master's in computer engineering at Northeastern University means walking to the library at Digital's Andover facility and tuning into televised classes. "It's better than driving to campus. By taking two courses here, I can save between five and 10 hours a week in travel time. And if I am away, I can have the class taped and watch it later," Michael explains.

For Craig, it's a chance to get started on the master's degree he's been putting off. "The convenience really appeals to me and I like the mix of electrical engineering and computer science."

Both work in Flexible Manufacturing Technology in Andover and have the support of their supervisors to pursue an advanced degree. "We feel it will provide more skills I can bring to my job," Michael adds.

What makes the Northeastern program different from other videotaped programs offered in New England is that it is a live telecast with two-way communication. Students can question the instructor via a telephone hook-up. A light on the instructor's desk notifies him or her when a student is "raising their hand."

Northeastern offers 10 courses per semester geared to the needs of Digital and the seven other high-tech companies participating in the program. Students are required to visit Northeastern for exams. Shuttles are provided by Northeastern to

and from Andover for homework and books.

Under Northeastern's network, high-tech companies provide the worksite classrooms and Northeastern supplies the microwave dish antennas and ancillary electronics needed to receive the broadcasts which are beamed from the Prudential Tower in Back Bay.

"Because Andover is behind a hill, we needed a cable hook up to get the classes," explains Karen Carmean, manager of training and development for Process and Design Support, who brought the program to Andover. "It's the first time that university courses have been brought to a company via cable, allowing remote sites to benefit." Rollins Cablevision provides cable signals to the towns of Dracut, Andover, North Reading and Middletown, Mass. At some time, they may be able to offer the classes to the general public in their homes.

At Digital, plans call for the master's program to be offered in Hudson in the winter and possibly Marlboro later in the academic year. Northeastern plans to offer business undergraduate and state-of-the-art engineering courses in the near future. Anyone interested in more information about the program, can attend a dedication on Monday, October 17 from 3:30 to 5:00 p.m. in the Andover Cafeteria Conference Room or may call Karen Carmean, DTN 289-1220, ERIE::CARMEAN.

## Office Automation Courses

### Introduction to Computer Concepts (One Day)

This workshop includes a basic overview of the computer from a hardware and software perspective. Participants will become familiar with computer terms, applications, hardware, numbering systems, software and general programming concepts.

### Local Learning Center - Self-paced Instruction

Along with regularly scheduled lecture/lab classes the Local Learning Center is available for self-paced instruction. Some of the offerings include Small System Concepts,

Intro to Minicomputers, VAX 11 Concepts, VAX 11 Construction Set, Effective Writing for Executives, Communicating Successfully and Master Reading. For more detailed listings and information regarding scheduling, please contact the registrar at DTN 223-2872.

### To Enroll

Please send the DME/OA Internal Enrollment Request, available from your local Personnel office, to the OA Registrar, PKO3-1/B11. For further information, call the Registrar at DTN 223-5820 or 223-2872.

## DCU votes dividend, expands loans

The Digital Credit Union has voted a one percent bonus dividend on its split rate checking account. The bonus will be paid on all accounts with balances over \$2,000. The bonus dividend period is from October 1 to December 31, 1983. The additional bonus will be deposited into each member's account on December 31.

According to DCU President Richard D. Mangone, the credit union bases its rate on national averages reported by *Bank Rate Monitor*, an independent newspaper based in Miami, FL, which surveys banks throughout the country to determine what each institution is paying. "*Bank Rate Monitor* lets us stay ahead of our competition and guarantees our members the best possible rate."

The split rate checking account allows unlimited withdrawals, while earning the higher interest of money market funds. Interest rates change weekly. Rates are reported on DCU's hotline, DTN 223-3886.

### CRT series expanded

The DCU has expanded its personal loan program. The CRT-2500 series line of credit has been upgraded to the CRT-5000 series. Applicants may now apply for a line of credit up to \$5,000. Members accepted into the program will be given a checkbook so they can write themselves a loan merely by writing a check. As they repay the loan, the money is once again available to borrow. The cost of the CRT-5000 loan is less than the cost of a credit card. For more information about the CRT-5000 contact any DCU loan officer.

### EASY CASH card available

Any Digital Credit Union (DCU) member who has had a DCU checking account for more than six months has an EASY CASH card waiting for them at DCU headquarters. The EASY CASH card allows members to make deposits and withdrawals from DCU's EASY CASH automated teller machines. One machine is presently located on the first floor at Parker Street (PK03), and a second will be in operation soon at Building 22 at the Mill. Other machines are planned for Marlboro and Merrimack.

The card is also good at MONEC facilities and at PLUS System banks through the country.

The PLUS System has recently introduced an 800 number. People with EASY CASH cards may call 800-THE-PLUS, give their area code and exchange to determine what PLUS SYSTEM banks are in their immediate area.

To receive your card please stop at the receptionist's desk at DCU headquarters PK3-1, pole 22K to sign an application. Or call DTN 223-6735 to receive an application.

Digital Employees Federal Credit Union is a non-profit federally chartered financial institution separate from Digital Equipment Corporation.

## The Computer Museum Bits and Bites

Bits of history and bites for highpoints

At 2 p.m. guided tours

**October 16  
3 p.m.**

Perry Crawford on Vannevar Bush and the Whirlwind

Bush's differential analyzer provided the inspiration for the Whirlwind, and Crawford followed the evolution of both at MIT.

**October 23  
3 p.m.**

Robert V.D. Campbell on the Harvard Mark I-IV

A multi-media presentation on these revolutionary computers designed at Harvard presented by Campbell, one of the designers involved with the project from the Mark I on.



**October 30  
3 p.m.**

Andries Van Dam presents a Graphical History of Computer Graphics

The progress of interactive computer graphics explored through film and video clips by Van Dam, author of *Fundamentals of Interactive Computer Graphics*.

**November 6  
3 p.m.**

Mike Kryskow on the Development of Telecommunications

A telecommunications engineer, Kryskow will explore the phenomenal growth of networks. Telecommunications networks now link continents, cities and businesses, simplifying everything from banking to weather reporting.



**November 13  
3 p.m.**

Jack Dennis and John McKenzie on the TX-0 in Action

An inside perspective and demonstration of the TX-0, the first full-scale transistorized computer and a Computer Museum exhibit. McKenzie and Dennis worked on the TX-0 and its expansion during its 18-year reign at MIT from 1956 to 1974.

## Enroll for BLISS courses

Both BLISS courses are being offered this fall and winter.

**BLISS I** — Introductory Level, teaches students practical and theoretical concepts in reading, debugging, and writing BLISS programs. Topics include storage, iteration, data structures, declarations, routines, modules, and the use of MACRO facilities. Students should be familiar with the system they are using and one high level language. The course will run for five days beginning November 28 at the Bedford Training Center.

**BLISS** — Advanced Level emphasizes theoretical concepts of BLISS compiler optimization techniques, and other advanced features of the language. Students should complete BLISS I and spend time back on the job before enrolling for BLISS — Advanced Level. Starting dates for this five-day course are: October 31 and December 5.

To enroll in the BLISS courses, contact the Educational Services Registrar in Bedford at DTN: 249-4670. Software Services employees should contact their regional Software Services registrars to enroll.