

digital

MAYNARD

DIGITAL THIS WEEK



Volume 13, Number 3

March 17, 1986



DECWORLD '86 drew a crowd

More than 20,000 customers flocked to Boston during the last week in February for DECWORLD '86, the largest single-vendor computer exposition ever held. Above, visitors mill through the Technology Center. At left, Ken Olsen, president, connects one of the largest private data networks in the world — created just for DECWORLD '86.

Ken Olsen honored by N.E. Engineering Societies & IEEE

Ken Olsen, president, recently received a pair of honors for his achievements and contributions as Digital's founder and chief executive officer.

From the Engineering Societies of New England, Ken received the New England Award, presented annually to a living New England resident in recognition of "pre-eminent technical and societal achievements."

Ken was nominated for the New England Award by the Society of Women Engineers, Boston Section, which cited: "under his leadership, Digital Equipment Corporation has, among a long list of accomplishments, made great advances in the computer technology of the world, and has also

helped to advance the status of women engineers in the industry." The award was presented at the Engineers Week Luncheon at the Sheraton Boston Hotel. Keynote speaker for the event was Admiral Grace Hopper.

Ken also received "Engineering Leadership Recognition" at the Annual Meeting of the Institute of Electrical and Electronics Engineers, Inc. (IEEE) for "engineering management leading to the development of the minicomputer."

The Recognition is given to individuals whose engineering managerial leadership has resulted in outstanding achievements, contributions, or service to the field of electrotechnology. ■

Bill Strecker receives IEEE award

The International and Electronics Engineers (IEEE) Computer Society has presented the 1985 W.W. McDowell Award to Digital's Bill Strecker, vice president, Engineering Product Strategy and Architecture.

The presentation was made by Dr. Roy Russo, President, IEEE Computer Society, at the 1986 COMPCON meeting held in San Francisco.

This prestigious award, now in its 20th year, is presented annually by the IEEE Computer Society to "an individual whose professional work has been outstanding in concepts, technology, programming, education, or management in the computer field."

Bill was chosen for the 1985 McDowell Award "for being the principal designer of the VAX architecture and for major contributions to local area networks, high-performance interconnects, cache memories, and memory hierarchies."

Bill joined Digital in 1972 as a member of the Corporate Research and Development Group, where his work on cache memories led to the development of the PDP-11/70. After holding a variety of engineering and management positions, he became manager of Engineering Product Strategy and Architecture in 1984, and was named vice president in 1985. He led the development of the VAX-11 architecture and helped define the company's interconnect strategy. Bill also played a major role in the development of the Computer Interconnect (CI) and led the development of the Systems Communications Architecture, which are major elements of VAXclusters.

He holds Bachelor's, Master's and Ph.D. degrees in Electrical Engineering from Carnegie-Mellon University, where he was a Hertz Foundation Fellow and a member of Phi Kappa Phi. He holds several patents on central processors and computer interconnects, and is the author of numerous technical publications. ■



Bill Strecker

Open-field test site opened in Marlboro

A new open-field test facility for electromagnetic compatibility (EMC) testing was opened by MSD (Micro Systems Development) EMC Engineering and LSTIS (Laboratory Services and Technical Information Services) on Feb. 5. This site will be used by the MSD EMC group for EMC testing of MSD's products and systems. This testing is done on all products to ensure compliance with U.S. (FCC) and German (VDE) regulations.

The site was designed by MSD, and developed and constructed in a joint effort by MSD and LSTIS. It features a fully automated turntable and antenna mast system, as well as a spectrum analyzer and an interference analyzer. This equipment allows for improved speed in collecting the data, and greater accuracy. Cost-effective construction methods were employed to keep the operating cost of the facility at a minimum.

The new MSD site is located in Marlboro adjacent to the LSTIS Corporate EMC test facility, known as "the bubble." Employees interested in a tour of the facility should call John Fleck at DTN 223-8614. ■



At the official opening of the new EMC (electromagnetic compatibility) Test Facility in Marlboro, representatives from Micro Systems Development (MSD) and Laboratory Services and Technical Information Services (LSTIS) cut the ribbon. (Left to right) Dom LaCava, MSD Group manager, Steve Gilmette, EMC Test Facility supervisor, Stan Bednarski, Design and Evaluation Laboratory manager, Bob Howland, MSD EMC Engineering manager, and Vic Penney, MSD Systems Quality manager.

Terminals Business Unit holding Career Fair

Terminals and printers are among Digital's most visible products. Printer products are designed and optimized to provide a full range of high-level printing services for groups of users. Video terminals serve as powerful and productive high-resolution tools to take advantage of the application needs of sophisticated software.

Digital's success in the terminals and printers business depends on the ability of the Terminals Business Unit (TBU) to continue its development as a "full-service" group within the corporation. More than just a hardware group, the TBU is involved in software development, engineering, manufacturing, MIS, product and channels marketing, and other disciplines, all on an international scale.

Currently, the Terminals Business Unit

has some critical openings for Hardware and Software Development Engineers. To find out more about the TBU, its products, and career opportunities, employees are invited to a Career Information Day on

March 20 from 3-7 p.m., in the Parker Street Auditorium at PKO3-1. For more information, contact John DiPietro, DTN 223-6830, PKO3-1/14C, or RANI::DIPIETRO. ■

New Affirmative Action/Valuing Differences manager for Engineering

Donna Taylor has been named Affirmative Action/Valuing Differences manager for Engineering, reporting to Dick Farrahar, Personnel manager, Engineering & Manufacturing, and Barbara Walker, Corporate manager, Affirmative Action/EEO/Valuing Differences.

Donna joined Digital in 1984 as Senior Corporate Affirmative Action consultant, a position she held until her recent promotion. She previously served as executive director of a non-profit educational organization in Boston. Donna holds a M.S. in counseling psychology from the University of Missouri and a B.F.A. in art history from Kansas University. ■



Donna Taylor

Refurbished Rainbow 100A and 100B systems now available

In order to continue to provide employees with Rainbow personal computers, the Digital Employee Purchase Program (DEPP) has entered into an agreement with Idle Materials Management (IMM) which enables DEPP to provide PC100A and PC100B refurbished system units to employees. All other components of the system package, including keyboard, monitor and operating software, will be new.

All system units are refurbished to meet Digital's new equipment standards, updated to the minimum ECO levels, carefully

inspected and fully tested, and come with documentation. All refurbished systems have a one-year carry-in service warranty.

Refurbished systems are subject to availability and all orders will be processed on a first-come first-served basis.

For additional information regarding product availability, part numbers or pricing, call the Employee Purchase Center at 800-235-0505. DEPP representatives are available from 8:30 a.m. to 5:00 p.m., Monday through Friday. ■

DIGITAL THIS WEEK



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.

Internal DECUS announces Spring 1986 Symposium

The IDECUS Spring 1986 Symposium will be held on April 23, 24 and 25 at the Royal Plaza Hotel, Route 20, Marlboro, Mass. There will be about 80 sessions, many running in tracks (topic areas) such as AI, Human Interfaces, Manufacturing, Networks, Text Processing, VMS and Languages, Services, Office, etc. Digital President Ken Olsen will be the opening day keynote speaker, and Bel Cross, Corporate DIS manager, will start the second day of activities.

Pre-registration is required for attending the three-day symposium. Employees who are on the IDECUS/Real Times distribution list will receive the Symposium Program around the third week of March. The program contains the instructions for registering on-line and the Registration Form which can be filled out and sent to IDECUS. Registration forms, approved by cost center managers, should reach the IDECUS office by April 16. Registrations may be closed earlier if a Symposium day's accommodations are filled to capacity.

For more Symposium information call DTN 273-3383 or 273-3388. The Symposium Program is also available on videotex. It can be accessed from most facilities that have VTX servers which include the Corporate Videotex Library of Infobases. (Data Center managers who wish to provide this service may contact Marvin Levin, service manager, Corporate Videotex Program, at DONJON::LEVIN or DECmail, Marvin Levin @ VRO.) ■

Employee Purchase Program offers substantial savings

The Digital Employee Purchase Program (DEPP) has recently expanded its product offering for employees. Beginning March 1, employees can purchase a wide range of hardware and software at standard cost, subject to availability, on a first-come, first-served basis. The offering includes terminals, printers and personal computer accessories.

Available equipment and quantities will vary each month. The most current listing will be published in each issue of the DEPP Price List. Price lists are available by calling the Employee Purchase Center at 800-235-0505, or are available for reference through your local PAC Center, Digital Credit Union and Learning Center.

For additional information regarding product availability, part numbers or pricing call the Employee Purchase Center at 800-235-0505. The Center is open from 8:30 a.m. to 5:00 p.m., Monday through Friday. ■



Mayor of Hamburg, Germany, visits Hudson

Sam Fuller, vice president, Corporate Research & Architecture, recently hosted a visit by the mayor of Hamburg, Germany, Dr. Klaus V. Dohnani, and his delegation. The Mayor, at the request of the German Consul in Boston, met with Sam and selected Digital researchers for a tour of the Hudson manufacturing facility, conducted by Bill Babcock, Operations manager for the Semiconductor Engineering Group, and a round-table forum to discuss Engineering and Research collaborations between industry, universities and government. Pictured here are (left to right) Debra Rogers, manager of U.S. Sponsored Research for the External Research Program, Mayor Dohnani of Hamburg, Sam Fuller, and Harald Lemke, the sales account rep.

Boston Quality Conference features Digital speakers

The Conference of the American Society for Quality Control (Boston Section), "Quality First-The American Way," will be held on March 20, 1986, at the Burlington Marriott Hotel (Burlington, Mass.). The day-long conference will feature two Digital speakers. Lou Cohen, Quality manager for the High Performance Systems Group in Marlboro, will address "Japanese Design Engineering for Quality." Milton Boyd, of the Distributed Systems/Quality Development Group in Spit Brook, N.H., will present a paper entitled "Quality Control of Software."

Conference Chairman is Vyas Murthy, Principal Engineer with the Quality Management office of the Field Service Logistics organization. Vyas also serves as vice-chairman of the Boston Section. The conference starts at 8:45 a.m., with registration at 8:00 a.m. The registration fee is \$95, including all sessions, exhibits, luncheons and coffee breaks. For more information, contact Vyas Murthy at DTN 261-3773 or George Cohen, Conference Registrar, at (617) 451-8465. ■

DCU unveils major auto loan program

DCU has changed its auto loan programs to give the member more control over the interest rate and the term of the loan. "Design-a-loan" lets members choose the interest rate of their DCU auto loan by selecting the length of the loan contract. The shorter the term of the loan, the lower the interest rate.

"Design-a-loan" also offers members much lower interest rates. Starting at just

8.50% APR, the new rates are way below the current loan market averages. Financing autos through DCU is now fast, flexible, and convenient. The low rates apply to used vehicles as well as new cars.

More information on "Design-a-loan" is available in the February issue of Input/Output, at any DCU branch office, or by calling the Customer Service Center at DTN 223-8444. ■

news briefs

Access road to Forest Street/MRO closed

Glen Street in Marlboro has been closed to through traffic. All traffic is routed to Ames Street, which is located at the second set of traffic lights heading West on Route 20 from Route 495. A cul-de-sac has been created at the foot of Glen Street, closing the road to all but Mount Drive and neighborhood residential traffic. ■

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 Marketplace, which is first come, first served. The next two issues and deadlines for DTW:

The DTW schedule has been altered for March and April. The next two issues and deadlines for DTW:

March 31 issue -- March 19 deadline
April 28 issue -- April 16 deadline ■

CPR, first aid courses available at the Mill

MLO Health Services is offering the following courses during April:
American Heart Association First Responder Course, Thursday, April 3, and Friday, April 4.
American Red Cross First Aid classes, Monday, April 14, and Tuesday, April 15.
For information, call MLO Health Services at DTN 223-3000. Space is limited. ■

Cancer Support Group

Emerson Hospital in Concord, Mass., sponsors an ongoing Cancer Support Group. The group gives support to people with cancer and to those who care about them. It is for patients, caretakers, friends, and relatives. In an informal atmosphere, free of charge, the group meets weekly on Tuesday evenings at the hospital. Sharing can enhance a person's ability to cope. And often, support can make the difference. For more information, call Fran Ladd, co-leader of the group, at DTN 273-3312. ■

Greater Maynard Area Job Resource Center opening

The Greater Maynard Area Job Resource Center will be opening soon at MLO3-4/A11, Pole 12B. Among the resources available will be:

- Assistance with on-line self / skills assessment tools
- TESS (Total Employment Staffing System)
- VTX (videotex) Jobs Book
- Reference books on careers
- Internal training literature and catalogs

Interested employees should watch for the center's opening announcement. For more information, contact Sally Ann Duffy, GMJRC coordinator, at DTN 223-6488. ■

Women in Electronics holding dinner meeting

The Boston chapter of Women in Electronics, a non-profit network designed to promote professional recognition and individual growth, will hold a dinner meeting March 19, beginning at 5:45 p.m. Representatives of Madison Wire & Cable will present information about fiber optics, and Judi Samson, president of Women in Electronics of New Hampshire, will speak on "What can Women in Electronics do for you?"

For further information, call Jeannine Bellarosa at (617) 366-8899 or Melba Nazzarro at (617) 851-2237. ■

Boston University MBA Program to hold information session

Boston University School of Management will hold an information session on Wednesday, March 26 from 4:30-6:00 p.m. at Educational Services, 12 Crosby Drive, Building B, Bedford.

The session will be for employees interested in the MBA program and for current students who would like to meet with faculty or administrators. Assistant Dean Gary Strickler, Director of the MBA Program, and Patricia Hannigan, Director of Admissions, and faculty from the school will be available to discuss the program.

Boston University's Suburban MBA Program consists of 16 courses which can be completed in about three years. Each class meets once a week from 5:30-8:30 at the Crosby Drive facility. Students may take one or two classes per semester and may begin the program in January or September.

To reserve a space for the information session or for more information about the program, please call (617) 353-2670. ■

DTN codes changing for BPO, UPO

The DTN for the BPO and UPO facilities in Marlboro will change from 235 and 278, respectively, to 296, effective April 4. To reach an employee at either of these facilities after April 4, you will dial 296 plus the existing four-digit extension as listed in the Digital Telephone Directory. If you are located in the MRO, MOO, HYO, or LMO facilities, you will dial 6 plus the four-digit extension.

The outside exchange will not change. To reach an employee at the BPO or UPO facilities from outside DTN you will still dial 480 plus the four-digit extension. ■

Metpay increases auto insurance discounts

Automobile insurance rates are set annually by the Massachusetts Commissioner of Insurance for all companies selling personal automobile insurance in Massachusetts. Since the inception of the Metpay program at Digital, employees have received a discount (deviation) from these rates. This year the discount for Digital employees will be increased from 5 to 8 percent of the total premium, the largest automobile insurance discount at Digital to date.

A discount (deviation) is applied to an insurance policy at the beginning of the policy year and is guaranteed for that year. The newly increased discount is the result of the better-than-average loss ratio of Massachusetts Digital employees insured through Metpay. ■



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 keep the ads as current as possible, DTW needs your cooperation.

1. When submitting your ad, you must include your full name, mailstop and internal DTN phone number. Last names do not appear in print, but must be included in the ad for our records. DTW does not print home phone numbers.
2. Please submit one ad at a time. Multiple submissions will be returned. All ads must be submitted in writing, and appear only once.
3. DTW does not print ads for services (babysitting, snow plowing, etc.) or any profit-making enterprise. Ads should be worded clearly, typewritten or printed and in good taste. DTW reserves the right to edit for space.
4. The Marketplace has no set deadline. Ads are printed first come-first served, as space allows, regardless of category. Please keep this in mind if your sale is a time-critical one.
5. An ad can be cancelled by a simple phone call to the Marketplace office. Please cancel an ad if the item is sold to open that space for another listing.

If you have any question about the Marketplace guidelines, call the DTW office at DTN 251-1308.

APPLIANCES

GAS DRYER, brand new, used few times, harvest gold, \$325 firm, Steve, 223-3909

MICROWAVE, Quasar, MQ6674, 1 cu ft, instamatic temp, multi-stage defrost, 9 mos old, \$225, Lisa, 297-5448

REFRIGERATOR/FREEZER, GE, no frost, 22 cu ft, side by side, gold color, exc cond, \$295, Bea, 297-4450

REFRIGERATOR, side by side, 19 cu ft, Hotpoint; self clean stove w/hd; dishwasher, all gd cond, Nancy, 235-3336

CHEST FREEZER, 23.9 cu ft, Sears, exc cond, \$200/BO, too big for our use, Sandy, 297-5439

GAS RANGE, gold, gd cond, \$75; trash compactor, needs work, \$50; Sandy, 297-6171

REFRIGERATOR, Kenmore, 17.7 cu ft, \$375; GE ref-igtr 15cu ft, \$200; GE 30" elec range, \$225, Mike, 225-5760

PORTABLE WASHING MACHINE, white, apt size, excel cond, best offer, Eileen, 278-4712

CARS

'85 BUICK Reg Ltd full pwr access, cruise, a/c, am/fm, defng, exc cond, \$10000/BO, Cynthia, 226-2491

'84 T-BIRD, white, 6cyl, p/s, p/b, auto, 4 new tires, exc cond, Denise, 244-6629

'78 FORD FAIRMONT sedan, 4 dr, 6 cyl, am/fm radio, cass, 3 spd man on fl, p/s, \$900/BO, Judy, 251-1936

'85 CHEVY 3/4 Tnn 4WD, pickup, p/s, p/b, auto, sterenn 7K mi, \$11500, b/n, Rick, 223-3743

'82 SUBARU GLF, 2dr, b1 w/gray int, 5spd, tilt steer, am/fm, exc cond, \$3900, 60K mi, Elizabeth, 244-6200

'79 OLDS CUTLASS WGN, V8, auto, ac, ps, pb, am/fm, roof rack, mint cond, \$2995/bn, George, 276-9623

'82 TRANS AM, exc cond, 305, V8, 40K, -ed, t-top, a/c p/s/pb, am/fm cas, tilt, \$9350/bn, Janette, 297-4228

'85 FORD EXP, blk, 2dr, 12K, 5yr warr, rust p/f, frnt whl dr, sports coupe, \$5950, Theresa, 223-4760

'75 VOLVO, 244 DL, 4spd over-drive, needs work, \$1000, Maddy, 262-8274

'79 PONTIAC SUNBIRD, 4 spd, 2dr coupe, 70K mi, \$1800 nr b/n, Peter, 297-4123

'67 FORD CUSTOM 500, wht w/red int, V8, 3spd on flr, 4 new rads, muff, sterenn, exc cd, \$1200, Karen, 244-6790

'76 DATSUN, B210, gcond cond, \$550/BO, Uffe, 223-3995

'82 DODGE OMNI Delux, 4dr hchbk, exc cond, auto, am/fm sterenn/tape, snrf, r/stp/f, \$2995, Mark, 277-7007

'83 DODGE DART, blue, push butt auto, runs g't, gd cond, well main, \$2000/bn, Karen, 223-2612 nr 8629

'77 CHEVY IMPALA, gd cond in/out, high mileage but very reliable, \$700, Leslie, 235-3567

'80 PINTO, 4spd, 81K mi, black, good cond, best offer Liz, 296-5953

'78 HONDA ACCORD, runs, needs work, \$300, Paul, 277-7031

'79 FORD MUSTANG GHIA, 6 cyl, am/fm sterenn, new brks/exhaust, 3dr, 71K mi, \$2500, John, 226-6373

'82 BMW 320i, aln, snrf, 5spd, alloys, sterenn cass, 51K miles, \$8700, Ron, 244-7730

'81 HONDA ACCORD LX, exc cond, 5spd, a/c, am/fm, new radials, brakes, muff, \$3500, Baran, 236-2155

'85 TOYOTA COROLLA, GTS, ps, pb, ac, 5spd, ster, ex cond \$11K/new, sell w/trans warty \$9K, Nancy, 297-7902

'82 LECAR DELUXE, slvr/red strp, supr snrf, 80K or-ig mi, new radls, am/fm cass, \$1100/bn, Rachel, 234-5186

'77 PONTIAC BONNEVILLE, ex cond, small 8, a/c, sterenn cass, cruise, tilt, defrator, \$1300, Bill, 226-2358

'82 DATSUN 210, 2 dr, 4spd, beige, 55K mi, am/fm, new brks, gd tires, ex cond, \$2950, mat sell, Bob, 297-5494

'78 FIAT, 131 sedan, am/fm, a/c, 5spd, runs well, extra Mich, mntd radials, \$1000, Pete, 251-1656

'83 TURBO T-BIRD, 5spd, elec seat, a/c, Chpmn lock, r/wnd def, digitl clk, mat sel \$7000, Dean, 296-3941

'81 MAZDA GLC WAGON, 5spd, great sterenn, \$2500, Don, 297-5155

'68 CHEV NOMAD sta wgn, Florida car, a/c, 305 V8, red w/blck int, auto, classic, \$1400/bn, Mike, 381-1124

'84 PONTIAC TRANS AM, loaded, a/c, T-rf, am/fm ster, g't cond, bk val \$11500, negotiable, Angela, 223-3578

'80 DATSUN, 310GX, 5spd, 2dr, 77K, vry clean, \$2500;

'80 DODGE Pickup D50, 72K, \$3500/fm, Carole, 249-4997

'80 PONTIAC LeMans, white, 4dr, gd cond, 1 owner, aln, am/fm, 6 cyl, 67K mi, \$3000, David, 225-4317

'81 HONDA PRELUDE, 5sp, snrf, am/fm cass, r/stp/f, ex cond, 1 owner, 93K mi, \$4400, Pat, 268-3076

'82 CELICA GT, red, 5spd, 4cyl, a/c, cruise, am/fm st, tilt pwr st/brks, snrf, \$6500/BO, Veronica, 297-6006

'78 LINCOLN CONT, Mark V, auto trans-new, am/fm st, pwr evrythg, wire whls, \$5000/BO, Debbie, 297-4839

'84 VOLVO DL, auto w/over-drive, a/c, am/fm, white, Kathy, 297-2204

'85 FORD F150 SIDE/STEP PICKUP, 25K mi, 4spd, extend warr incl, undrot, Chap lck, \$5900, Marylou, 283-6281

'80 CHEVY CITATION, 4spd, 2dr hchbk, exc cond, dependable, 1 owner, asking \$1200, Mike, 221-5547

'78 HONDA ACCORD HTCHBK, am/fm ster cass, gd run cond, new brks/exh, sm rat, 100K, \$1600, Mary, 276-9903

'81 HONDA CIVIC GL, 5spd, am/fm sterenn, rear wiper/ defrator, quartz clk, gd cond, \$2700, Steve, 273-3317

'78 TOYOTA CELICA GT, 5spd, liftback, am/fm, 120K mi, well main, drives well, reliable, \$1200, Hugh, 297-7371

'82 TOYOTA Supra loaded, \$8900, comp elet digital displ, new rads, 5spd, 57K mi, 1 owner, Scott, 247-2830

'73 MERCEDES 280SE/4.5 & F.V. S.C.C.A. race car for sale or trade, Peter, 223-4007

'85 AUDI 5000S TURBO, new, wnn as prize, Amazon blue, \$19300/BO, Janice, 261-2555

'84 TOYOTA CELICA GTS liftbk, slvr & blue, 22K mi per cond, R. Jones, a/c, sterenn, \$11900, Mike, 251-1244

'69 CAMARO 307 V8, stock California car, 3 spd, \$3800, Barry, 225-6534

'79 SCOUT-RALLYE, 4wd, V8, cruise, tilt/ps, pb, ac, am/fm, well main, nvr plowed, \$2600, Marsha, 235-3423

'79 FORD Granada, exc cond, 61K mi, a/c, pwr pkg, \$1200, Jim, 225-4075

'83 CAVALIER, met blue, 35K mi, 4dr, auto, fm cass, a/c beautiful, \$6600/BO, Deane, 221-5400

'81 FORD ESCORT, 2dr hchbk, am/fm radio, 4spd, 66K mi, asking \$2200, Larry, 268-3113

'84 CHEVROLET Celebrity station wgn, ask \$8500, V5 auto, blue, 19K mi, ps, pb, roofrack, Warren, 234-4232

'84 SUBARU GL10, 4dr, charcoal gray, lux int, elec w/m, a/c, sun, like new, 37K, \$7900, Sandy, 292-2147

'78 CLASSIC CAPRICE Station Wgn, gd cond, runs exc, high mi, a/c, am/fm radio, \$1500, Connie, 226-7014

'78 MERCURY MARQUIS, auto, a/c, tilt whl, new tires, exc cond, \$2200, Maureen, 223-8642

'85 MAZDA RX7 GS, blk/g'ry int, lik new, alloy whls dlx ster tape, a/c, 14K mi, \$12K/bn, Mark, 223-3395

'78 CHEV MONTE CARLO LANDAU, V8, wh/bl inter, new tires, exc cond, \$2250, Adrian, 251-1954

'84 DODGE DAYTONA, 5spd, 4cyl, cloth int, ac, ps, pb, am/fm, bnster, warranty, \$7000/BO, Steve, 223-2857

'75 CHEVETTE MALIBU CLASSIC, V8, 2dr, auto, p/s, p/b, wht w/bl rf, 70K mi, vry gd cond, \$1000, Carl, 223-3191

'81 ESCORT, 79K mi, stand trans, \$1800/bn; '77 GMC Jimmy 4whl dr, aut, 79Kmi, \$5600/bn, Barbara, 221-5743

'82 VOLVO Turbo, 5spd, leather, am/fm cass, a/c, exc cond, dealer main, 49K mi, \$9100, Steve, 251-1688

'82 MAZDA 626, 2dr, tan, am/fm sterenn, exc cond, \$4500, June, 297-5688

'83 TOYOTA COROLLA DLX, white, 2dr, 5spd, am/fm sterenn, gd dependbl car, \$4000 firm, Karen, 272-7210

'83 TOYOTA 4dr sedan, am/fm, 5spd, 48K mi, exc cond, \$4800, Dick, 226-2548

'83-4 VW Quantum 4dr sed, 5spd, ac, ps, pb, Chpmn lck, rads, am/fm cas, in mi, exc cond, \$8900, Armand, 268-3391

'82 FORD F150 Supercab pickup w/cap, 6 cyl, 45K mi, exc cond, \$5500/BO, Beth, 283-6312

'85 BUICK CENTURY, 2dr, auto, a/c, snrf, am/fm str, WSW wire whls, white, tan int, ask \$9150, Bruce, 223-9126

'79 BMW 320i, exc cond, all extras, \$6500, Ron, 223-3238

'83 TOYOTA TRUCK, 4x4, SR5, 1/2 ton, lngbed Blau AM/FM cass, excellent, James, 223-4708

'82 FORD ESCORT WGN, tan, exc cond, a/c, 4spkr am/fm st cass, g't gas mi, no rust, 55Kmi, Laura, 223-5831

'76 TOYOTA CELICA GT-liftback, 5spd, am/fm cass, reliable, nds work, hi mi, \$400, Jim, 223-6851

CARS

continued

- '78 VET, silver anniversary, auto, loaded, mech sound \$11000/BO, Shelley, 251-1447
- '78 PEUGEOT 504 4dr, gas, p/s, p/b, p/w, auto, snrf, am/fm cass, well main, 100K, \$1995/BO, Charlie, 276-3863
- '80 MAZDA 626 Coupe, 5spd, a/c, am/fm stereo, exc cond \$3300, Kevin, 244-6727
- '75 CHEVY SUBURBAN, exc engine, has rust, \$700/BO, Peter, 226-7538
- '82 AUDI 5000S w/amf, metallic grey, fully loaded exc cond in/out, \$7900, Annette, 297-2564
- '80 CHEVY MONZA, 4cyl, auto, pwr st/bk, no rust, am/fm, exc cond, \$2000/BO, Mary, 249-1528
- '82 FORD MUSTANG GL, snrf, gd body, needs eng work, am/fm, new starter, clutch, \$1200/BO, Anne, 294-2216
- '85 Ford F150 XL 4x4, p/s, p/b, many extras, 7K mi, \$14500, Jim, 223-5122
- '80 BUICK REGAL, 64K, V6, am/fm ster, p/s, p/b, a/c, gd cond, asking \$3500/BO, Susan, 228-2013
- '84 MAZDA RX7-GS, blue, snrf, a/c, am/fm, cass, alloy whls, alarm, \$9400, Paul, 237-3029
- '72 VOLVO WAGON, rebuilt engine, 5spd, air fuel inj recent body work, \$2000, Maddy, 262-8274
- '83 RENAULT ALLIANCE, exc cond, a/c, am/fm radio, snow tires inc, \$3800/bn, Maggie, 223-8831
- '64 1/2 MUSTANG COUPE, 56K mi, 6cyl, 3spd, white w/blue int, no rust/bndn, \$3900 frm, Terry, 276-8284
- '80 JEEP CJ5, 4cyl, 53K mi, rust w/black vinyl top, Gdyn tracker nvr sz tires, ask \$4500, Vicki, 276-3852
- '83 DODGE SHELBY CHARGER, blue on silver, 5spd, am/fm ster, snrf, 48K, asking \$5300 nr BO, Traci, 251-1981
- '85 TOYOTA CELICA GT-S, snrf, am/fm/cass/equal, pwr pkg, alarm, mint cond, 30K mi, \$10750/BO, Alan, 225-4936
- '84 HISSAN PULSAR, red, 5spd, snrf, 2stprf, stereo, paint prnt, exc cond, 15K, \$7500, Sharon, 223-1161
- '80 HONDA ACCORD LX hchbk, bronze, 5spd, snrf, am/fm a/c, ps/pb, gnt cond, 89K, \$2500/BO, Barbara, 268-3135
- '83 TOYOTA CELICA GT COUPE, 5spd, lt blue net, 77Kmi idaac cond, am/fm st, 1 owner, \$6500, Diana, 226-2049
- '79 VW RABBIT, exc cond, 4dr, am/fm, no rust, 80K mi, 1 family owned, \$2400/BO, Jacqueline, 249-4343
- '85 CHEVY Cavalier hchbk, 2.0 fuel inj, am/fm stereo, dfg, 9.7Kmi, ms sel to travl, 48K, Jack, 228-2259
- '76 DODGE VAN, excel running condition, very little rust, \$900, Karen, 223-4325
- '79 CHEVY CAMARO, 6cyl, auto, ps, a/c, am/fm, theft alarm, in mi, nrg owner, \$3500/BO, Peter, 223-8790
- '84 CAMARO, V8, red, 9500 mi, ac, pb, T roof, am/fm stereo, mint cond, \$10000, Kathy, 221-5193
- '80 SUBARU GLF, 5spd, ele snrf, mag whls, ac, am/fm st new trs, in mi, no rust, \$3700/bn, Shell, 235-3288
- '84 FORD RANGER Pickup V6, ps/pb, 30K mi, 5spd, runs & looks great, \$5000/BO, Brenda, 276-8591
- '79 CHEVY MONZA Station Wgn, V6, 2dr, auto, a/c, p/s, am/fm, 34K mi, \$2500, Betty, 273-3224
- '86 JEEP CHEROKEE 4X4, 5spd, 4dr, royal blue w/black interior, \$14500, Joyce, 249-1357
- '79 HONDA CIVIC CVCC HCHBK, 5spd, 1500 cc eng, am/fm 67Kmi, new tires/bks/batt, \$1200/BO, Jacob, 297-4716
- '80 HONDA ACCORD LX HB, am/fm cass, a/c, 5spd, 140K mi, 33 MPG, \$1800/BO, John, 381-2266
- '80 FIAT SPIDER, 64K mi, silver, \$3800, Keith, 226-6019
- '77 FORD BRONCO, great shape, many extras, Rick, 296-5315
- '84 128 CAMARO 305, 4 spd auto, am/fm cass, a/c, all acc, 15K mi, \$10K nr BO, Gregg, 251-1511
- '77 DATSUN 810, 6 cyl, auto, fuel injected, runs great, some rust, \$950, Steve, 276-8356
- '81 TOYOTA CELICA GT, light blue, 5spd, am/fm stereo, cruise cntrl, 2stprf, 75K mi, \$3995, Frank, 244-7566
- '77 PLYMOUTH VOLARE, 4dr, 6cyl, wife's car with lhw, 68K mi, \$1395, Al, 223-6012
- '84 FORD TEMPO GL, 25K mi, 5spd, a/c, \$5600;
- '84 FORD ESCORT WAGON, 15K mi, \$5200, Alain, 297-4806
- '83 MAZDA RX7 GSL, in mi, exc cond, red, ac, snrf, am/fm cass, leather int, garagd, \$10200/bn, Eileen, 249-1535

'72 CHEVY MALIBU WGN, 66K mi, V8, auto, ps/pb, lots of room, runs great, drive hme for \$625, Don, 223-6531

'77 AMC GREMLIN, hchbk, 6cyl, am/fm cass, exc cond, \$900, Ray, 273-3505

'77 HONDA ACCORD, hchbk, 5spd, std trans, gd shape, runs very well at 112Kmi, ask \$1100, Alex, 273-3377

'83 CAMARO BERLINETTA, blk, am/fm, a/c, all power, auto, exc cond, 32Kmi, \$7800, Mary Ann, 251-1549

'82 FORD GRANADA, 4dr, 60K, pb/ps, ac, am/fm, stereo, rear wnd def, exc cond in/out, \$3900, Marce, 297-7589

'84 CHEVETTE, CS, 29K mi, 4spd, 4dr, rear defng, radio clean, nrg owner, \$3700, Rudy, 249-1425

'80 MUSTANG, am/fm radio, 8 track tape player, 4 cyl, p/s, p/b, auto trans, 45K mi, \$2500/BO, Dane, 225-4672

'84 MERCURY GRAND MARQUIS/LS, V8, leather, cruise, am/fm st, cass, a/c, all pwr, \$9800, Teddie, 223-3981

'84 CHEVY CAVALIER, type 10 hchbk, auto trans, am/fm, snrf, defng, 32.5K mi, \$5300, Nancy, 274-6455

'74 CHEVY IMPALA STAGW, new bks/water pump, gd trs still runs, good for parts, \$3000/BO, John, 223-5422

'78 DODGE TRADSMN VAN, auto, 100Kmi, runs well, \$1600;

'83 HONDA PRELUDE, 5spd, 70Kmi, \$8100, Joe, 244-6654

'82 TOYOTA COROLLA SR5 Coupe, 5spd, am/fm, wht, well main, very reliable, \$3800, Jonathan, 275-6300

'84 SENTRA DELUXE 4 dr, 5spd, am/fm stereo, white, 45K mi, asking \$3750, Bernie, 223-8186

'83 RENAULT LECAR, 26K mi, reliable transport, \$2850, Rick, 297-7468

'80 TOYOTA CELICA GT COUPE, snrf, a/c, am/fm cas, new brks, gd/exc cond, must sell, \$3600/BO, Mike, 297-4166

'81 CAPRI, 4spd, 4cyl, silver, snrf, am/fm cass, 72K mi looks & runs good, \$3500/BO, Tony, 249-4962

'83 MITSUBISHI Tredia, 4dr, 5spd, std trns, am/fm cas ac, ps, cruise, 57K mi, exc cond, \$4200, Bea, 297-4450

'84 FIREBIRD, 6cyl, ps/pb, a/c, am/fm digital stereo, tilt whl, tan, exc cond, 40K mi, \$7.6K, Peg, 226-1386

'83 CAVALIER, met blue, 35Kmi, 4dr, auto, ps, pb, cruise am/fm, a/c, exc cond, \$4500/BO, Deane, 221-5400

'85 COLT Hchbk, met brn, 2 tone int, 4spd std, am/fm cas, w/ def, 19Kmi, lk new, \$5500/BO, Ram, 226-7543

'84 CAMARO, 5 spd, a/c, am/fm cass, 6cyl, cruise, cloth int, mint cond, 37K mi, \$7200, Bob, 297-4465

'81 MERCURY LINX WAGON, new parts, clean, radio, ac, ps, pb, rf rack, blue, 62K mi, \$2800, Shamir, 278-4754

'75 CHEVY VEGA, man trans, 70K nrg mi, radio, body/ int gd cond, nds manifd, cburetr, \$450, Bev, 226-2653

'85 MAZDA RX7, charcoal, 5spd, snrf, chplock, ex cond, 26K mi, \$13000, Marlon, 234-4805

'82 FORD ESCORT, 51K mi, great cond, 2 dr, black, \$3200 nr BO, Mike, 236-2539

'80 CHEVY MALIBU WGN, am/fm cass, cruise, a/c, auto, new brks, supr buy \$1500, Howard, 297-2138

'73 TOYOTA CELICA, runs great, rebt mtr, tint glass, defng, new battery, body fair, \$300, Jack, 228-2259

'80 OLDS CUSTOM CRUISER Station Wgn, ful loaded, ac auto, new tires, exc cond, 2stprf, Gerhard, 297-8238

FURNITURE

CAPTAIN BED, 2 drawer, no mattress, \$150; Headstn Tandem Stroller, gd cond, \$50, Dave, 232-2638

E. ALLAN ROCK/RCLR, (1-dr, 1-gr) \$65 ea; bch blk kit tbl w/wicker chrs \$75, Bob, 223-2429

WATER BED, queen size, 3 months old, paid \$450, will sell for \$375, Melinda, 229-6963

SOFA, cntp cushion style, blue/lt brn/cream, recnv washble cntn, 6 1/2' lg, \$350/bn, Angela, 225-4415

SOFA BED, queen size, beige/brown plaid pattern, exc cond, \$300, Ken, 297-7851

LIVING ROOM SET, colonial winged pine, sofa & chair \$340, Vito, 297-4389

LIVING RM SET cntemp \$800/BO; Dining rm set \$1000/BO; Bedm set \$800/BO; Ktchn tbl \$100, Barb, 273-6897

CONTEMP COUCH, grey tweed, 1 1/2 yr old, ex cond, \$200; Ktchn TBL&CHRS, yel bamboo look, \$50, Mitch, 237-3226

LADIES DRESSER/MIRROR, men's dresser, dbble bd w/hdbd 2yr old mattress, gd cond, dk brwn, \$395, Jack, 244-7503

DINING ROOM SET, cntemporary, walnut, 4 chairs, matching hutch, \$350/BO, Karin, 249-4146

DINING TABLE, lge, elegant, 6 chairs, ask \$550; full sz Seally postur matt, brs, frame, \$170, Oded, 969-9106

LEATHER LOVESEAT, brown, in good cond, \$125, Carrie, 297-6602

BEDROOM SET, Fr Prov girl's 6 pc cntpplt bedrm set + dbl bed & mattress, \$200 nr BO, Velda, 226-6247

TWIN BED, maple hdbd, mattress/bnspring, like new, exc cond, \$150/BO, Diane, 244-6807

MISCELLANEOUS

CAMBRIDGE PIANO for sale, best offer, Ellen, 278-4085

STEREO SPKRS, Criterion 3002, 2way w/10" passive radiator & AMT tweeter, gd cond, \$150, Kenney, 381-2292

BUTCHER BLOCK PEDESTAL TABLE, oak, 36" by 36", \$100 nr best offer, Susan, 225-4825

BASS GUITAR, Ibanez Roadstar II, 1 yr old, used only on 5 gigs, \$630/new, ask \$325, Gary, 223-5290

HUMIDIFIER, Presto, 10 gal, woodgrain cabinet, \$50, Barbara, 297-6205

RAINBOW 100+, 10MB/128K 2 floppies monochrome L&B \$2400, Tom, 223-8109

WEDDING GOWN, sz 7, Watteau train, Juliet cap w/veil nrg price \$500, sell price negt, Denise, 297-6744

LA34 PRINTER w/tractor, exc cond, \$600 nr best offer, Marilyn, 251-1285

DENON 350 STEREO RECEIVER, new in box, \$275, Hugh, 223-5410

EASTER BASKET FILLERS, half price packagd toys, use as replacement for candy, Crash, 223-5215

SNOWTIRE (2), F78/14 mtd on GM5-lug rims, \$35 pr, JD, 226-6020

PARITY RAM, PC11XXB, unopened, \$125, Hugh, 249-4621

2 DUNLOP snow tires, 155SR13 stlbtd, studded rads new 1985, hardly used, gnt cond, \$75/pr, Marjie, 289-1163

OLD UPRIGHT PIANO, needs attention, ynu haul it and it's yours for only \$25, Debbie, 297-4839

TELEPHONE ANSWERING MACHINE, never used, brand new \$65, Arlene, 276-8237

CD Disc, Handel's Messiah, Sir Colin Davis, Philips 412538-2DDDD, \$40, Ed, 297-4160

DRUM SET, good for beginner, \$150; BUNDY Trumpet \$35 Ted, 223-7145

STEREO SYSTEM, Sony receiver, Advent speakers, Bic turntbl, all in good cond, \$160, Anita, 297-4715

BAND SPEAKERS, Peavey "Acoustic wave" horns, 2 for \$200/bn, Leblanc clarinet, \$85/bn, Karen, 244-6790

WOODSPLITTER, High Profile, 10 hp, 2-stage valve, 30" stroke, 25 ton force, \$1300, John, 226-6373

GIRLS/TEEN'S DENIM & CORDUROY JEANS, nvr worn, sz gi-1's 14 & junior's 3.87.00/pair, Carol, 237-3524

WOOD/COAL FURNACE, Newmac, mtd WG-100, 80-100K BTU, br new, thermostat control, \$1400/bn, Sylvia, 235-3373

RADIO SHOCK STA-2270 HP digital syn am/fm rec w/var-ster expander, 2spkr, mint cond, \$350, Grace, 223-5215

SHOP MANUALS, complete set for 1984 Topaz, electrical vacuum, mechanical, etc. \$35, Harold, 237-3092

LOWREY Holiday traditional Mahogany organ & match bench \$300, John, 223-5422

WATER TREATMENT SYSTEM, removes major pollutants, hvy metals, chemicals, imprvs taste/sm, \$265, Don, 297-5155

AM/FM 8 TRACK CR COMBIN RADIO, factory instal type fits most std & mid-sz cars, \$200, Grace, 223-5215

CORDLESS TELEPHONE, brand new, with warranty, \$45, Lin, 225-6031

CONN ORGAN, w/full sound effects, ask \$900/BO; BRAIDED RUG, hndmd, 7' rnd, \$650, Joanne, 234-4326

STEREO RECVR, Heathkit AR1500, 60 w/channel & AR3a spkr's w/std, exc cd, \$395, wl sel sep, Bea, 297-4450

LOG SPLITTER, homeqado, no wheels, br new, 8hp eng, 16 gal, 2stage pump, 26"hydra ram, \$1000, Bette, 223-7543

RCA TV, pine 25" color console, needs minor work, \$60, Vito, 297-4389

ZENITH, 19" blk & wh port TV, good working cond, \$40 inc. stand, Betsy, 251-1089

VACUUM CLEANER, Eureka upright, in good cond, \$20, Mitzi, 244-6517

TOURMALINE MINK JACKET, exc cond, size 12, \$1000/new, ask \$450, Flo, 273-3211

SKI SOOTS, Koflach, sz 9, leather lined, ask \$35; Sew mach, Singer, port w/ attach, \$40, Martha, 223-2356

DIAPER CHANGING TABLE, good cond, orig price \$29, \$10 or best offer, Lou, 297-5473

TIPES (2), P215/75-R15 Tiepns all seasonal radials new, never used, \$100 or best offer, Tim, 297-7299

FAMILY RAQTBCL CLUB GOLD CARD MEMBERSHIP, Chelmsfd inc fitness ctr, aerobics, etc, \$150, Bette, 273-3253

VT180, 4 disk drvs, LA33 printer, floppies, standard software packages, \$900, Karen, 225-4096

BURBERRY RAINCOAT, never worn, size 10-12, ask \$200/ negotiable, Nancy, 296-5492

CAMERA, Minolta XG1, flash, 1.2 lens, 1.28 wd angl len 2X Macro telecnn, filter, ex cond, \$325, Debbie, 297-2562

CAMERA, Wikkon, paid \$315, strap, case, barely used, \$175, Marlen, 223-3993

BRUINS vs. TORONTO MAPLE LEAFS, 2 tickets, April 3, \$16.50 ea, Vantage, \$200, Karen, 225-4096

4 CHROME SPOKE WHLs, 4 STEEL BELTED TIRES P225-15, antd, for Ford Rng mini truck, \$325, Arnold, 226-6196

DIAMOND RING, .42 ct, wt, gld, vy gd clr/cut/clar, \$800 new, sell for \$500/80, Bob, 225-7168

ESCORT RADAR DETECTOR, the best detector made, exc cond, \$230 or B/O, John, 223-3491

HEATHKIT TEST EQUIPMENT, oscilloscope, \$150; signal generator \$50; frequency counter \$75; Bob, 381-1908

1968 DODGE 440 Magnum Hi-performance 375 HP engine, disassembled, \$250, Fred, 284-6557

1976 VOLARE/ASPEN front fenders/liners, fits thru 1978 models, brand new, \$100 for pair, Fred, 284-6557

THOMAS ORGAN, w/rhythm section, dual keyboards, etc., bench & books, good shape, \$600, Gary, 247-2687

41-GAIN, TMS, 5 El Beam, 20/15/10M with Balun, \$100, Gunter, 278-4437

CAR STEREO COMPONENTS, ADS 301 speakers & ADS Powerplate 100 ampi, \$250 or 80, Sandy, 268-3107

SPINNING WHEEL, spins very well, pine, 12 years old, \$150, Sandra, 269-2199

MOTORCYCLES

'82 KAWASAKI K2440, less than 1K miles, with lock & cover, Kisten, 258-3333

'85 YAMAHA 225 DX TRI-MOTOS(2), elec start, auto clutch, lik new, hardly used, \$2600/bn, Neal, 225-4225

'83 HONDA CB650SC, 1K orig mi, \$1600 or B/O, Betty, 226-2623

'77 HONDA Goldwing Fairing, stereo, elec ignition, travel trunk, exc cond, 25K mi, \$2000, Dave, 249-4709

'81 HONDA CB750, custom, 18K, mint condition, \$1000, Liz, 223-6321

'78 HONDA CB550-4, 6.5K, org al, needs work, \$800, Jim, 237-3731

PETS

CAT, free, attractive, female, grey & cream tabby, very affectionate, nds loving home, Angela, 225-4415

BUNNIES, French lap, 5 months old, \$15, incl food & bedding, cage/negotbl, in Lunenburg, Doug, 235-3332

SKY KENNEL, used once, fly large dog or housebreak puppy, \$30, Joe, 278-4836

AKC SCOTTISH TERRIOR PUPPIES for sale, born 12/18/85, Lorinda, 276-9498

FREE, 13 yrs of Dog World magazines, Joan, 223-3819

FREE, 2 kittens, 8 mos, neutered & spayed, completed all shots, Kathy, 273-6655

AKC GOLDEN RETRIEVER PUPS, shots, chk-ups incl, ready 4/24, reasonable, born/raised at home, John, 276-9444

REAL ESTATE

CLINTON, MA, 2bdm, 2 fl bth, ranch styl condn w/gar end unit, \$115K or \$790/mo, Kim, 225-6885

MILLIS, 4 bdrn cust bld cnl, 2 1/2 bth, 1 1/4 acr, pool, wood/fil, 2fp, deck, scr pch, \$185K, Dan, 274-3571

LEOMINSTER, lkfrnt, 1bdm, fl bant, lr, dr, butchr blk kit, w/w + pkray flr, scr pch, \$90K, Kathy, 223-9293

GRANTHAM, NH, lovely int for sale in 4 seas retire/vacation/recreation community, \$15.9K, Tom, 251-1003

FT LAUDERDALE, ocean-vu, spac 2bdm condn, 2 ful bth boat dock facil, pool, gar, \$97500/bn, Terry, 249-4375

SUDBURY, 3bdm cnl, 1 lg lv/dr, huge fam rm, pool, 1/2 acre, cul-de-sac, \$189900, Rick, 221-5819

LACONIA, NH, STEELE HILL WEST, 1986 vac timeshar, no time used yet, sell \$8750 les thnlist, Bill, 273-3305

TOWNSEND, 3bdm ranch, 1 car gar, fm w/fpl, lng ground pool, nr many DEC locations, Marla, 273-3400

FITCHBURG, 7rm cottage, kit, lr, dr, laundry, new bth, scr pch, 3 bdrms upst, hdwfl, \$84500, Gayle, 251-1845

WORCESTER, br new duplex, 2bdm, 1 1/2b, w/w, disp, dw, w & d hookup, full bant, \$82900, Mayling, 223-5477

BOXBORO, split entry, 3 bdrn, 2 car gar, one acre, lovely woods area, \$188000, Jean, 223-6935

CLINTON, new studio condn, lr/br cno, kitchenet, bth, semi-furn, lnw condn fees/util, \$59900, Jim, 223-2630

W ANDOVER, 2bdm townhs condn, 1 1/2 bth, pool, ex inc pkg, a/c, lnw condn fee, \$110K, Joan, 297-4518

GRANTHAM, NH (Eastman), 6yr old contmp cape, 3bdm, 2b gar, preh, wlk/lake, glfncurs, \$142K, Barbara, 223-4240

NEWPORT, RI, inn on Harbor, beaut penths suite ov-1k harbor, May 5-11, RCI affil, B/O, Darlene, 381-2210

MAYNARD, by owner, expandble cape, 2br, 1bth, deadend st, walk to Digital, \$115000, Mary, 251-1559

WESTFORD, land, 2.77 acres, abuts conservn, very privt solar int, \$135K, Dan, 292-2139

BEDFORD, MA, 3 bdr ranch, 3/4 ac, lndscpe int, dr, recrea eatin kit, gar, nr Rt 3/495, \$134900, Larry, 241-4098

WESTFORD, 1 acre wooded lnts, avail mid smor const, small int audiv off quiet rd, \$100K, Henry, 297-5338

FT LAUDERDALE, 2bdm condn, ocean vu, 1blk fr beach, 2 bth, walk c/b, pool, bt dock, \$97.5K, Terry, 249-4375

SHREWSBURY, 9rm ranch, 5br, ctry kit/din area, 1, lg fam rm, carport, 1 1/2b, 1/3ac, \$138K, Dave, 232-2428

WINNIPESAUKEE, 1.6 acre appvd bldg int on Long Isl 350' road frnt acr fr priv bch, \$79K, Mark, 261-2579

FRANKLIN, ranch, 3bdm, frpl, lr, dr, den, gar, scrn preh new a/c pool, 2/3acre in nrbhd, \$142K, Pat, 273-3090

NORTHBORO, 3/4 bdrn split, 2frpl, dr, lv, 1 1/2bth, lg fam rm, 1 gr, 8ft lnc, extra, ask \$135.5K, Bill, 234-4259

MARLBORO, 7rm ranch, 4-5 bdr, new kit, lvrn, energy eff Ft, Meadow Lk w/beach rights, \$139900, John, 247-2425

SHREWSBURY, 3mi fr DEC, 6rm ranch, 3bdr, cent frpl, hwd fl, gar, deck, gtr neight, ask \$135.5K, Robin, 297-7036

WESTMINSTER, 7rm cape, w/ful dormr, 6yr old, 4bdr, 2b fpl lv rm, extras, nvr lacr, \$129900, Steve, 244-6843

MARLBORO, 8rm cnl cape, 3bdr, 1 1/2 bth, new lr, dr, fr w/fpl, 3sea pch, new kt, 1/2ac, \$149.9, Karen, 297-6445

RECREATION VEHICLES

SAILBOAT, 28' Freedom MKII custom, 1984, quality, sngl hnded cruiser, full etc, YANMAR, \$68K, Susan, 225-4825

'76 ROCKWOOD TENT TRAILER, hrdtp, exc cond, elec ref, etc htr, gas rnge, sink, slp 6, \$1500/bn, Tom, 237-3498

'84 TRAVEL TRAILER, Citation, 32', slp 6, bit-in ster-ud 1 sea, mint cond, scrfc \$11K/80, Carolyn, 244-6187

'73 RV MOTOR HOME, mint cond, slps 6, \$10000/80, Faith, 223-7725

'85 POWER BOAT, 16'Forester Bowrider, Phant Spt, V-4 90 hp, trailer, used 15-20 hrs, \$7K frn, Bruce, 296-3808

'71 SNOWMOBILE, Moto Ski Capri, 340cc, runs good, looks excel, \$450/80, 223-2405

'80 SAILBOAT, 14' fiberglass hull, SS rigging, comp w/trailer & 2 hp outbrd str, \$2495, Arlene, 276-8237

'85 VW VANAGON CAMPER, slps 4, elec/gas ref, stove, sink, strage, ster, 13Kai, ex cond, \$15950, Bob, 225-5799

'71 14 ft O'day Javelin, inc main/jib, ontar mount, trailer, exc shape/fun to sail, \$2500, Jack, 261-3781

'80 Grady-White 19 ft, 115 evlnrude, cont-trailer, fresh water, new cond, \$11500, Larry, 251-1387

'83 G10 CHEVY SPORT VAN, 1/2 ton (shrt base), 4 new wh wls, snrf, 47.5Kai, exc cond, \$7200, Karen, 241-7556

'84 VW VANAGON CAMPER, 4spd, 20Kai, am/fn cass, slp 4 ref, stove, sink, wtr, alrm, exc, \$13500, Dan, 268-3464

RENTALS

SO YARMOUTH, Bass Rivr, 3 bdrn, 2bth, exc inc, "new home", wlk/vcn bch, \$875/wk, July-Aug, Rnger, 274-6630

CANADIAN LOG CABINS on lake, 60mn/Ottawa, cabnabnat \$325/wk, \$625/2wk, 2rm cabn \$150/wk, Marie, 297-2493

WHITE MTNS, vac townhs, slps 8, 3bdrn, 2bth, fplc, avail Mon-Fri A.M./\$350, Feb vac wk/\$800, Jeanne, 297-5671

LOON MTN, 2bdm townhs, slps 6-8, clubhs, \$300/wknd, \$550/wk, 1 mi/ski area, George, 276-9623

QUECHEE LAKES, summer, 3bdrn, ful equip hn, sandy bch 2 glf cour, 3 pool, nr Wdstck, \$350/wk, Mary, 251-1108

WESTBORO, Fountainhead apt, sublet luxy huge studio, beaut view + more, Silleshi, 237-2074, nr 366-4127

MEDFORD, Wellington, lux 2bdm, 2 bath condn, 7th fl, \$825/mo, Lnu, 223-7079

NORTH CONWAY, lakefrnt, 3 bdrn, 2 bth contemp with canne, sprng, \$150/wknd, \$400/week, Van, 223-2856

CARIBBEAN VILLA, U.S.V.I., St Croix, pool, maid, car available, Barbara, 273-3314

LOON MTN, new condn w/10ft, slps 6, pool, jacuzzi, free shuttle, \$95/night, Dan, 278-4093

NORTH CONWAY, 2bdrn, 2bth condn, slps 6, fully equip, furn, avail Sun-Fri, Linda, 297-7735

MT SNOW, Okemo, Stratton, Bromley, ski then all, ski cottage, slps 4-6, \$350/wk, \$150/wknd, Mary, 297-4090

CHELMSFORD townhs, 5 rm, 2bdrn, 1 1/2 b, lge appl kit, a/c, tennis, pool, no pets, \$850/mo+util, John, 297-8843

HUDSON, MA 2bdm, 2bth condn, patin, a/c, lge garage, \$700/mo+ util, Chris, 225-5275

WHITE MTS, ski chalet, 3bdrn, 2bth, fplc, slps 8-10, nr Lonn/Connon, avail midwk \$250/wk, Carl, 273-8907

YARMOUTH, Cape Cod, 3 bdrn, 3/10 mi/ocean, now accept summer rentals, Paul, 276-6024

MERRIMACK, br new 2bdrn condn, all appl, pool, tennis \$600/mo + util, Barbara, 274-6947

W. YARMOUTH, Cape Cod, 3bdr ranch, 1 mi/Seagull Beach \$500/wk, 5/24-9/30, slps 6, Pat, 292-2059

BOXBORO, new 2brn Harvard Ridge condn, tennis, pool, c/bm, ful appl, no pets, \$690+util, Mark, 297-7511

MILFORD, new duplx townhs, 2-3 bdrn, attach gar, frpl, bsmt, ful kit, 1 1/2b, pool, \$750/mo, Marge, 381-2541

MARLBORO, 5rms, 2nd fl, wash hkup, stove, \$650/mo+util & sec dep, no pets, lge yard, Kathy, 297-4105

W. YARMOUTH, Cape Cod, 4rm house close to beach, slps 5, smor \$375/wk, off seas \$350/wk, Jean, 223-7792

ACTON, condn town, 3bdrn, 2 1/2b, lux lge, tennis, pool, c/bhouse, avail March, \$1150/mo, Gerry, 226-2025

WORCESTER, new 2br condn, all appl, w/d, a/c, mid fl, no pets, 2 cin/Rt 290, \$600/mo+util, Peter, 223-1845

MARTHA'S VINEYRD, Chilmark, secd 4bdr contmp, 2bth wtr view, priv beach, blweck, mnthly, Anne, 297-4342

BILLERICA, cmf furn rm for rent, quiet home, non-smoking prof, ref required, Joan, 667-6426

ACTON, 2bdm apt, non-cmplx, sunny, hwd fl-a, wsh/dry prch, yrd, \$725/mo, ht/hw incl, Caroline, 289-1598

NO CONWAY, ski chalet, slps 8, fully furn, wnd stve, wk/wknd rentals, Bob, 297-4465, Diane, 244-6807

WELLFLEET, contmp, slps 6-8, nr ocean, pond, town, avl Jun/Jul/Aug, 2wk min, \$650/wk, Liz 223-4470

TYNGSBORO, townhs, 3+bedrm, 1 1/2b, w/w, cent a/c, 2 balcon, ten, nr RT3, \$750/mo+util, Bhu, 223-6483

LOWELL, lge 2bdm apt for rent to 1 person w/ stove, ref, frg, no pets, \$425/mo, D'Aun, 226-7481

MARLBORO, Ft. Meadow Lake, 2bdm home, scenic int, fpl 1, gas ht, swm/bnat, \$900/mo, refncs, Donna, 276-8321

WORCESTER, finest area, new 2bdm lux townhs, a/c, fully appl, \$650/mo+util, Mark, 297-4902

MARLBORO, 3bdrn apt, exc family inc, child safe st, \$650/mo+util, avail 3-1, Steve, 289-1828

MEDFORD-ARLINGTON line, 3rm, 1bdr mnd apt, new kit, w/appl, \$425/mo + util, Dick, 226-2548

FALMOUTH, Cape Cod, new 2bdrn cape, acrs st/fr water pond, 3mi/ocean, \$450/wk, avl 5/24-9/30, Judy, 276-9854

NEAR NO. CONWAY, lakefrnt contemp saltbns, 3bdrn, 2bth canne and jnck, \$400/wk, Van, 223-2856

LAKE SEBAGO REGION, MAINE, shorefrnt cottages, slps 4-6, \$275/wk, seas discont, Rnge, 226-2649

RENTALS

continued

DENNISPORT, 3bdrm ranch, 6/10s mi to beach, scr prch fence yrd, slps 6, Jul/Aug, \$450/wk, Maddy, 223-2339

WESTBORO, 5rm, 2+bedrm, Victorian, off at prkg, near center, no pets, \$650/mo+util, Ann, 223-3553

FRAMINGHAM, executive's hse, 4br onl, lge plyra, 1 & 1/2 baths, lge int, \$1100/mo+util, Fran, 223-3681

NO CONWAY, NH, lux condo, min/ski areas, rent mid-wk, join as shrhlder, visit as guest, call Pat, 226-6694

SANDWICH, mini vac, Mon thru Fri nnon, quiet, walk to rest/beach, no pets, avl 6/9, \$250, Carolyn, 249-4304

MARLBORO, 2bdrm apt, lr, dr, new bath & kit, 1/2 gar, nice area, \$650/mo, no util, Paul, 226-6024

HARWICH, new hse, slps 6, walk to lake, \$475/wk, 2 wk min, July-Aug, Carolyn, 223-7884

MARCO ISLAND, FL, 1bdrm oceanview lux condo, tennis pools, jacuz, sail, slps 6, \$350/wk, Steve, 297-6863

ATR, SCOTLAND, British open golf, July '86, wdrn hns slp 7/8, via Enet, EAYV01: Fuller tnn; Paula, 226-2059

LEOMINSTER, 5rm, 2br, 1/2b, onnt condo, w/w, cent a/c ht, pat, pl, inft, s-p wls, ten, \$740/mo+U, Bnb, 225-5645

CAPE COD, Eastham, cottage slps 4, walk/lake & beach fr-pl, picnic tbl, \$350/wk, \$75/wknd, Michael, 262-8341

WELLESLEY, 2yr colonial, 4bdrm, good location, \$1100/mnth, Julie, 251-1109

N. EASTHAM, new house, slps 6, 1.5mi to ocean, no pets \$450/wk, \$350/wk off season, Bnb, 241-3589

EDGARTOWN, new 3bdrmr, 2bth, lg liv area, near town & South beach, \$950/wk/summer, Madeline, 276-9855

MARTHA'S VINEYARD, 2 1/2 bdrm hse nr beach & town, \$525/wk, also off season rates, Russ, 292-2127

ACTON, condo, 2bdrm, 1 1/2 bth, attic, tennis courts, pools, etc. avail 3/86, \$800/mo, Gerry, 226-2025

HAVERHILL, 5 rm, 2-3 bdrm, 2nd fl of 3 family, prkg, yard, \$550/mo+util, lat/last rent, Sungg-Le, 288-3128

CAPE COD, E. SANDWICH, 4br hse, lg deck, boat ramp, lml fr beach, avail July/Aug, \$600/wk, Peter, 234-5130

MERRIMACK, new townhse w/gar, 2bdrm, 2 1/2 bth, fully appl kit, avail 3/1, \$800/mo, Jacob, 297-4716

WINNIPESAUKEE, new 1 & 2 bdrm units on lake, 2wks min, beach, boatdock, tennis, pool, Bnb, 236-2575

LAKE WINNIPESAUKEE, 2 bdrm cottage, 2 min walk to sandy beach w/lifeguard, \$275/wk, Kevin, 296-5332

S. NASHUA, 3 bdrm townhse, 1 1/2 b, frpl, a/c, bsmt \$775/mo + util, avail 3/1, George, 263-6042

DENNISPORT, 4bdrm hse, 2/1001/priv & publ beh, avail July thr Sept, \$750/wk, Tony 261-2497; Rich 261-2258

LEOMINSTER, 2br apt, and kit/bth, off at prkg, \$600/mo no util, no pets, sec & strong refer, Melanie, 244-6706

W. YARMOUTH, Cape Cod, 3bdrm ranch, lml/Seagull Beach \$600/wk, 5/24-9/30, slp 6, nr/Hyanna Ct Pat, 292-2059

LAKE WINNIPESAUKEE CHALET, 3bdrm, 1 1/2b, wd stv, elec ht, ten, \$375/wk Jul/Aug; \$275/wk other, Jita, 289-1890

S. YARMOUTH, duplex, 1bdrm side \$275/wk, 2bdrm side \$325/wk, June thru Sept, George, 232-2542

FALMOUTH, MA hse, slp 6, 100' to saltwater, ful equip quiet area, nr evrythng, \$400/\$300 wk, Paul, 223-3548

MASHPEE, condo/cottage, slp 6, ful equip kit, lr, 2br, 1 1/2b, jacuzzi, July 5-12, no pets, \$700, Ted, 223-5387

E. FALMOUTH, cottage, slps 6.5 min walk/beach, lge prch & deck, nr boat launch, \$375/wk, Fred, 237-3051

LOWELL, avail 4/1, Belvidere area, 5rm apt, ownr occu 2 fam, \$500+hw fl, Frnch drs, yrd, prch, Deb, 226-6277

DENNISPORT, 3 bdrm hme, son porch, walk to beach, \$550/wk, Ed, 226-1639

BOXBORO, 2bdrm condo, Harvard Ridge, conv inc, memb avail club/tennis/ind pool, \$680+util, Mark, 297-4167

N CONWAY area lakefront, contemporary on 1 acre w/ 3 bdrm, 2bth, canoe/dock, \$400/wk, Van, 223-2856

CAPE COD, Falmouth, 6/1-9/5, new cape, 2bdrm w/inft, slp 6, 400 yds/slt wtr bch, \$6K/season, Nancy, 234-5075

MARTHA'S VNTARD, EDG, 3bdr solar cape, walk/3n Beach May-\$350/wk, Jun-\$450, Jul, Aug-\$800, Gerry, 223-1716

CAPE COD, Dennisport, cottage slps 6, 100 yds/privat ocean bch, frpl, will send pics, rate, Nancy, 244-6344

CLINTON, 7rm hse, 3bdrm, stove, refr, w & d, \$600/mo, nnt incl util, no pets, Kathy, 223-5484

YARMOUTH, CAPE COD, 3bdrm, 4yr old house, 3/10 mi to ocean beaches, off Rt 28, \$550/wk, Paul, 226-6024

MERRIMACK, NH, new townhse, 2br, 1 1/2b, gas ht, ful appl w/d hkup, entry set, \$625/mo+util, Diane, 264-8379

DENHAM ME, PLEASANT MTN, cottage, 3bdr, prv andy bch mtn view, swim, fish, \$300/wk, May-Oct, Bud, 262-8321

WEST DENNIS, 3bdrm house, avail May-Sept, 3/4 mi frn beach, \$800/wk on-seas, \$250 off-seas, Rick, 223-4573

ROOMMATES

M/F, prof non-smkr, shr 2bdrm, 2bth, 2nd fl apt, a/c, Marlboro, dishwash, ht&hw free, \$360+1/2, Jnn, 225-7195

F, non-smkr, 25-yrs, share house, \$200/mo, Diane, 251-1641

F, non-smkr, shr lge 2bdrm, 1 1/2 b townhse, Bnylston, conv MRO/HLO/MRO/SHR, \$350+1/2 ut, Jennifr, 297-6002

M/F, non-smkr, prof, no pets, shr lg 3 bdrm hse, \$310 + 1/3 utl, Marlboro, nr/HLO&MRO, Bimal, 226-6992

M, non-smkr, shr S/E rch, deck, a/c, w/w, ful appl, nr Burlington, 1 bdrm, \$330 + util, Ynnn, 232-2497

F, non-smkr, share 3bdrm house, Townsend, \$285/mo + 1/2 utl, Don, 223-2714

F, respn, prof, shr 2bdrm condo, furn, 1an/495 Bxborn \$343 + 1/2 utl, avail 3-1, Darlene, 268-3074

M/F, 25+, shr 3bdr duplex, East Arlington, nr/Rt2, \$275/mo + 1/3 utl, Sheri, 284-3141

M/F, Meodhaa, shr 3bdrm house, \$275/mo + 1/3 utl, availability flexible, no pets, Mike, 297-4412

HARVARD, non-smkr, shr 15 acr estat, vegetarian seek to create friendly hsehd, 400+util, Randy, 241-3787

F, non-smkr, neat, shr 3bdrm apt, Worcester, nr Rt 20 & 290, \$225/mo incl util/ht, hw, Lisa, 237-3330

F, shr 2bdrm apt, Marlboro, pool, tennis, clubhse, avl March-July, \$300/mo+elec, Sheren, 296-6613

M/F, non-smkr, shr lge Pepperell farmhouse, \$250+ util, (nll/wndr/elec), Diane, 381-2809

F, shr new 2bdrm condo, Franklin, nr/495, w/d, pool, tennis, avl 3/1/86, \$375+1/2 utl, Jennifer, 297-6002

NON-SMOKER, prof, 25-35, share 1/2 of 3bdrm lakeview ranch, nr/HLO/maj rts, \$400/mo inc utl, Ray, 223-6284

MAYLAND, MA 2 roommates seek 3rd, for quiet entry home, dng, piann, \$400/mo+util, Steve, 232-2536

M/F, non-smkr, 30+, share Boston luxury apt w/great view, \$450/mo + 1/2 utl, Carnie, 283-7405

M/F, non-smkr, share townhse, 1500/MRO, Sonzin, 276-9697

F, for house w/pool & garage, Marlboro, Ma, \$400/mth security dep, Cecile, 261-3997

F, 21+, share 2bdrm townhse, 1 1/2 bth, pool/tennis, nr/M. Pke/290, Lake Av, Mnr, \$350 inc. utl, Sue, 297-7398

F, shr 3bdrm, 1 1/2 bth duplex/Framingham, \$350/mo + 1/3 utl, avl Aug 1, Dnttie, 223-6487

M, non-smkr, shr 2 bdrm condo, Bxborn, 495 & 111, new appl, w/w, \$300/mo + 1/2 utl, Mark, 223-4456

HOUSEMATE needed, share 3 bdrm Maynard ranch, washr dryer, \$425+ 1/2 utl, Ron, 276-8144

M/F, shr 2bdrm house/Lenoxster, \$250/mo, util incl conv to Rt 2 & 190, Carol, 276-8364

M/F, shr lrg 2bdrm apt/Marlboro, pool, ten, bb, club, \$325/mo + 1/2 elec, Sanjeev, 297-2446

F, non-smkr, mid 20s, shr 2 bdrm apt/Shrobury, avl May 1, \$238 + 1/2 utl, Marie, 246-2228

M/F, resp, prof non-smkr, 25-35, shr 2bdr apt \$375/mo + \$100 sec, inc util, pkg, Stoneham, Geddes, 241-4214

SPORTING GOODS

GOLF CLUB SET, RAM PROFESSIONAL SERIES, 2 iron-p/wdg 1, 4, 5 wds, bag incl, exc cond, Dale, 223-5459

'83 PRINDLE CATAMARAN, ex cond, rainbw sail, trailer inc, extras, payments accepted, \$2700, Ed, 225-5020

SKI BOOTS, Raichle CR5, men's size US12, \$90, Bill, 285-6124

CANOE, 16' Mohawk Blazer, fiberglass, red, 70 lbs, w/paddles, never used, \$395, Bob, 297-5494

WEIGHTBENCH, w/arm pulleys, leg bar, 175 lbs weight \$85, Tim, 249-4893

ROWING/WEIGHT RESISTANCE MACHINE, Sears Bodyshop 360, exc cond, \$90, Betsy, 251-1089

TENNIS RACQUET, new unstrung Yonex Graphite RX10, grip size 4 1/2, \$65, Mitzi, 244-6517

FISCHER LITE SKIES, 160cm, recently tuned, Tyrolia 170 bindings, 1yr old, exc cond, \$60, Beverley, 297-2440

EASTERN PICKUP CAMPER, '72, self-contained, 3 bunks, has evrythng, for 3/4 ton, \$995, Fred, 244-6557

DYNAMIC G.S. SKIS, Geze bindings, men's Nordica skinn boots, sz 10, \$100 camp package, Cathy, 223-5250

GOLF CLUBS, Wilson 1200GE irons, 2-9, PW, \$150, Ted, 223-7145

BICYCLE, 10 spd, Takara, 25" frame, metallic blue, drop handle, \$149 nr BO, Mike, 226-7918

SKIS, Fischer 170cm, tyrolia bndgs, pls, salomon SX50 bts, sz 320; Pacer Kenty skis, etc, BO, Bbryn, 244-7566

BICYCLE, boys 20 inch, Huffy, "Thunder Road", black, \$40, George, 223-5472

BIKE TRAILER, Cannondale Bugger III, carries 2 kids exc cond, \$175, Dave, 226-6840

WANTED

WHEELCOVERS, 4 ea, 14 inch & 2 inch ea, 14 inch rims for GM car, Gerry, 223-7938

WANTED - A charity that collects used stamps; redheads to march in parade, Cathy, 279-5533

VACATION HOUSE, shore or lake, 1 wk in August, for 2 families, 3bdrms, Michael, 223-3889

CAPE COD RENTAL, 1 or 2 wks/July, around Pocasset, Bourne, Cataumet, W. Falmth, Ernie, 297-4672

PORCH FURNITURE, 60" sofa, chairs, small tables, Patrick, 251-1636

PEOPLE interest in whitewtr canoeing, canoe canoing, hiking, backpacking, strt sm club, Steve, 285-6102

'64 or '65 EL CAMINO, nice cond; or '64 or '65 Cheville SS, prefer 4 spd transission, Sally, 226-7754

LIONEL ELEC TRAINS, O scale, need starter set for 8yr old, like cars, eng, track, switches, Rich, 223-7559

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)

educational opportunities

Network Northeastern: education by telecommunications

Network Northeastern University (NNU) represents the university's entry into the age of education by telecommunications. The network's main mode of operation utilizes the microwave-based Instructional Television Fixed Service (ITFS) systems whereby educational services are delivered directly to Digital sites within about a 40-mile radius of Northeastern's Boston campus.

With this service, live classroom instruction is telecast in color to remote sites where it is viewed in reception rooms equipped with TV monitors and a telephone-based talkback system. During presentations, the off-campus students are able to participate as fully in the instruction as can students sitting in the classroom on campus. A courier service is provided to collect and deliver homework assignments, and to serve as an off-campus students link to the book store, registrar and other campus services.

Contacts for Digital sites delivering NNU courses are:
Patti Scott, Andover, at NUHAVN::SCOTT (carry channels 1 and 2)
Chris Rudomin, Marlboro, at HYPER::CRUDOMIN (channel 1)
Janet Slinn, Littleton (LKG), at DELNI::SLINN (channels 1,2,3,4)
Joyce DiPasquale, Hudson, at HUDSON::DIPASQUALE (channels 1,2,3,4)

Spring term registration and orientation schedule

Andover - March 24, 1 p.m., Gold C/R
Marlboro - March 26, 2 p.m., Input/Output C/R
Littleton - March 12, 2:30 p.m., Fara Caldwell C/R
Hudson - March 26, 11 a.m., HLO2 Cafeteria



Employee Assistance Program Maynard Area

Confidential assistance for personal problems and difficulties. Call directly.

DIAL
DTN 223-4439

NNU spring term course schedule

Spring classes begin April 7

Course #	Course title	Day	Time	Channel
Graduate Electrical and Computer Engineering				
ECE 3347	Computational Methods in Electromagnetics	Tue/Thu	3:20-5 p.m.	1
ECE 3371	Linear Optimal Control Theory	Tue/Thu	1:30-3:10 p.m.	1
ECE 3395	Elements of VLSI Design	Mon/Wed	11:40-1:20 p.m.	1
ECE 3443	Theory of Computation	Mon/Wed	8-9:40 a.m.	1
ECE 3466	Intelligent Robots	Tue/Thu	11:40-1:20 p.m.	1
ECE 3505	Digital Image Processing	Mon/Wed	3:20-5 p.m.	1
ECE 3511	Data Communications Networks	Mon/Wed	9:50-11:30 a.m.	1
ECE 3514	Error Correcting Codes	Mon/Wed	1:30-3:10 p.m.	1
ECE 3540	Digital Control Systems	Tue/Thu	9:50-11:30 a.m.	1
ECE 3594	Plasma Theory	Mon/Wed	8-9:40 a.m.	3
ECE 3613	UHF and Microwave Circuits and Systems	Tue/Thu	8-9:40 a.m.	1
Graduate Industrial Engineering				
IIS 3308	Microcomputer Applications	Tue	7:50-9:30 p.m.	4
IIS 3607	Operating Systems and Systems Software	Mon/Wed	8:05-9:45 p.m.	4
Graduate Mechanical Engineering				
ME 3370	Fundamentals of Maintenance in Design	Mon/Wed	8-9:40 a.m.	2
ME 3420	Mechanics of Inelastic Solids	Mon/Wed	9:50-11:30 a.m.	2
ME 3468	Robot Mechanics and Control	Tue/Fri	9:50-11:30 a.m.	2
ME 3480	The Finite Element Methods	Mon/Wed	11:40-1:20 p.m.	2
ME 3568	Computational Fluid Dynamics with Heat Transfer	Tue/Fri	1:30-3:10 p.m.	2
Graduate Computer Science				
COM 3336	Operating Systems	Thu	5-8 p.m.	3
COM 3440	Natural Language Processing	Mon	5-8 p.m.	4
COM 3450	Syntactic Pattern Recognition	Wed	5-8 p.m.	4
COM 3560	Distributed Database Systems	Tue	5-8 p.m.	3
School of Engineering Technology				
EET 4313	Electronics III	Mon/Wed	8:05-9:45 p.m.	2
EET 4381	Telecommunications Systems I	Sat	8:30-11:50 a.m.	3
EET 4392	Optoelectronics and Fiber Optics	Mon/Wed	6:10-7:50 p.m.	2
CT 4311	Programming with the "C" Language	Tue/Thu	6:10-7:50 p.m.	2
CT 4321	Programming with "ADA"	Tue/Thu	8:05-9:45 p.m.	2
CT 4355	Micro Peripheral Hardware	Sat	1-4:20 p.m.	2
CT 4381	Operating Systems	Sat	8:30-11:50 a.m.	4
CT 4383	Data bases	Sat	1-4:20 p.m.	4
MTH 4107	College Algebra I	Sat	8:30-11:50 a.m.	1
MTH 4120	Calculus I	Mon/Wed	6:10-7:50 p.m.	3
MTH 4120	Calculus I	Sat	8:30-11:50 a.m.	2
MTH 4122	Calculus B	Sat	1-4:20 p.m.	1
MTH 4119	Physics III	Mon/Wed	8:05-9:45 p.m.	3
MTH 4119	Physics III	Sat	1-4:20 p.m.	2
State-of-the-Art Engineering				
EE 5405	Principles of Telecommunications I	Wed	5:30-7:30 p.m.	1
EE 5410	Principles of Telecommunications II	Thu	5:30-7:30 p.m.	4
EE 5415	Introduction to Local Area Networks	Wed	7:45-9:45 p.m.	1
COM 5440	UNIX User's Courses	Tue	7:45-9:45 p.m.	1
COM 5600	C Programming	Tue	5:30-7:30 p.m.	1
COM 5690	LISP Programming	Thu	5:30-7:30 p.m.	1
COM 5770	Intro to Artificial Intelligence	Mon	7:45-9:45 p.m.	1
COM 5830	Introduction to Data Communications	Thu	7:45-9:45 p.m.	1

educational opportunities

Are you in awe of computers?

If you are one of those persons who must effectively communicate about computers and deal with them in your daily job routine, or require basic knowledge of operating systems as well as use a VMS system in your daily routine, and need introductory courses to get you started, then the following three courses will help.

ABCs of Computers (EY-3686E)

This course is designed to give a non-technical employee a better understanding of computers. It is a technical orientation to familiarize students with computer hardware and software.

Course Length: 5 days. Location: Bedford. Dates: March 24, April 14, May 12 and June 23. To register, call DTN 249-4660.

ABCs of VMS (EY-5854E)

This course has been designed to give the student a basic user's knowledge of the VMS operating systems and the ability to use

VMS in an efficient and effective manner. There are no prerequisites, but it is recommended that "ABCs of Computers" be completed before attending this course.

Course Length: 5 days. Location: Bedford. Dates: April 28, June 2, July 14, July 28 and September 15. To register, call DTN 249-4660.

Introduction to Operation Systems (EY-4687E)

This course describes the basic hardware and software structure of a computer system. It will cover how an operating system manages program execution as well as the sharing of processor resources.

This course is not product-specific and is only intended to introduce the student to concepts that can be applied in more specific courses such as VMS or RSTS.

Course Length: 5 days. Location: Bedford. Dates: May 5, June 9, July 21, August 4 and September 22. ■

Technical Seminars

This is an integrated calendar of seminars for HLO, MRO, LKG, APO, LTN, ZKO, MLO, and SHR.

Unless otherwise indicated, seminar locations are as follows:

APO Gold Conf. Room
HLO Hall of White Mists
MRO Dec 10/20
LKG LKG1-3 Cafeteria
ZKO Babbage Aud.
MLO Mill Caf. Conf. Room
SHR Room will be announced
LTN Cafeteria

APO 289-1226 ERIE::SCOTT
HLO 225-4068 HUDSON::KELLEY
MRO 231-5097 HYPER::CSMALL
SHR 237-3258 APOLLO::HEDIN
LKG 226-7065 DELNI::NAPERT
ZKO 381-1057 ZEKE::CONDON
MLO 223-6262 MILRAT::PRUITT
LTN 229-6900 PHENIX::BETTE

March 18, 10:00, HLO

Karen Sakallah — Digital

"Current and Future Trends in Circuit Simulation"

March 18, 2:00, MLO

Tom Stockebrand — Southwest Engineering in ABO

"Images Research"

March 19, 3:00, LKG

Steve Miller — M.I.T.

"Kerberos: Project Athena Authentication Authorization"

March 21, 9:30, APO

Bob Larmouth

"Applications of Scanning Electron Microscopy in Andover"

March 21, 2:00, ZKO

Ken King, Crag Schaffert, Pat O'Brien — Digital

"The Object-Based Systems Project — A Look at Owl and Trellis"

March 24, 2:00, HLO

Werner Jungling - Technisch Universitat Wien

"ZOMBIE: A New Modular Process Simulator"

March 24, 2:00, ZKO

Earl Van Horn — Digital

Roy Rezac — Digital

"The Databus: An Information Environment for Product Development"

March 25, 10:00, HLO

Bill Noyce — Digital

"Using VMS for Parallel Processing"

March 25, 2:00, HLO

Richard Barker — Yale

"Electronic Tunnelling in Thin Oxide MOS Structures"

March 26, 10:00, HLO

T.P. Ma — Yale

"Radiation Effects in MOS Devices"

March 26, 3:00, HLO

Francois Bancillon — MCC

"Performance Comparison of Recursive Query Evaluation Strategies"

April 1, 10:00, HLO

Mike Uhler — Digital

"The Rigel Microarchitecture"

April 1, 2:00, MLO

Jim King, Dan Deknis — D&P Eng. in MLO

Bill Spratt, John Roberge — Mfg. in LJO

"LEST System Simulation Strategy"

Design for Testability Workshop

April 3 and 4

The Digital Testability Consortium is pleased to announce another in a series of Design for Testability Workshops. Primary focus of this workshop will be on practical aspects of Design for Testability relevant to Digital. Specifically, the workshop will present an overview of current techniques, methodologies, and tools for Design for Testability (DFT) of LSI and VLSI-based products. It will review their applicability to Digital's specific design and product environments, as well as present some arguments, data, and experiences on costs and benefits of Design for Testability.

The target audience for this course are designers of chips, modules, and systems; diagnostics and test engineers; manufacturing and customer service engineers.

Location: Mt. Washington Conference Room, Hudson, Mass.

Registration: For information, please contact Nancy Cross via the network on node SACMAN, or by phone on DTN 223-3620. ■

Lesley College's off-campus degree program to begin

Lesley College's off-campus accelerated management degree program known as PMBI, or Programs in Management for Business and Industry, is currently recruiting for Spring classes projected to begin in the Maynard area.

PMBI offers two degrees for working adults which take approximately one year to complete: an accelerated Bachelor of Science in Organizational Behavior and a Master of Science in Applied Management. Classes are held at corporate or community sites in the Maynard area. Classes meet one night a week from 6 to 10 p.m.

To enroll in the undergraduate degree completion program, students must have earned 56 transferrable credits from a regionally accredited college or university. Credit for life experience and professional training may also be obtained.

To enroll in the Master of Science in Applied Management program, prospective students must have earned an undergraduate degree from a regionally accredited college or university. Classes meet four hours one night a week for 58 weeks.

Anyone interested in more information about Lesley's Management degree programs should come to the Information Meeting on Thursday, April 3: 1 p.m. MS; 2 p.m. BS; at the Hinchcliff Conference Room, MLO5-4. ■

Educational Services Software Services Training March/April Software Training

Software Services Training is accepting enrollment for March and April software training courses. Consult the Software Services Training Course Catalog for complete prerequisites and course descriptions.

March/April Software Course

Course	Date	Loc
VAX/VMS Device Driver EY-00183-LO	3/24-28	BU
VAX/VMS System Seminar EY-1778E-LO	3/17-28	PK
VAXcluster System Management EY-2505E-LO	3/17-21 4/07-11	BU BU
DECnet/VAX Support EY-0150E-LO	4/21-25 3/24-28	BU BU
Network Troubleshooting EY-1763E-LO	3/17-21	BU
SNA Application Interface Seminar EY-2566E-SO	3/24-28	US
VAX/VMS Internals & Data Structures EY-0016E-LO	4/14-25	BU
VAX System Performance Management EY-2504E-LO	4/21-25	BU
VAX VTX/VALU Presales EY-2560E-LO	4/14-18	BU
ULTRIX I EY-2032E-LO	4/21-25	BU
Network Installation EY-1275E-LO	4/21-25	BU

To enroll

Contact your Area Software Training Registrar:

Area	Registrar	DTN
Northeast	Ann Chow	277-7166
New York/New Jersey	Debbie Kostaras	321-5200
Mid-Atlantic	Kathy Carter	339-4351
Central	Lyn Ebner	423-6290
Southern	Daryl Hood	351-2477
Western	Sally Daniels	521-4442
Southwestern	Sandy Jennings	714-261-4510
CSC/CS	Fran Lowenberg	523-4482
CSC/AT	Debra Rackley	435-2268
BUO/Europe	Sharon Shay	249-4671
GIA	Karen Burette	244-6790
Kanata	Susan Maddick	621-2391

Non-Software personnel should contact Sharon Shay, Bedford Registrar, at DTN 249-4671. (Dates and locations are subject to change.) ■



Digital employees are stars, both onstage and backstage, when the Sudbury Savoyards present Gilbert & Sullivan's classic comedy, "The Mikado," on March 20, 21 and 22 at Lincoln-Sudbury Regional High School. Shown here are (seated, left to right) David Larrick and Sally Osborn, (second row) Karen Rogers, Lisa Gertis, Fred Darrow, Barbara Holtz, and Waky, and (third row) Jim Ware, Dave Poland, Kevin Handerson, Bjorn Engberg, and David Gross. All proceeds go to the relief of world hunger. For further information about the Sudbury Savoyards and tickets to "The Mikado," contact Sally Osborn at DTN 237-3233 or HEADS::OSBORN.



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

TO LITTLETON/MAYNARD

From Haverhill, Pat LoConte, 223-3067

TO MARLBORO/NORTHBORO

From Nashua, NH, Westford, MA to MRO/HLO/NRO/UPO/LMO, Cynthia Sweeney, 278-4741

ACTON/MAYNARD

From Amherst, Nashua, NH, Doug Ryder, 244-7606

From Derry, NH, Tewksbury, to ACO, Tom Coughlan, 223-2776

MARLBORO

From Medford, Arlington area, Paul Defazio, 296-3921

MAYNARD

From Plymouth, Marshfield, Rockland, Braintree, Jack Carter, 223-3679

From Chelmsford, Lowell, Rich Berger, 223-4281

From Sterling/Princeton/Boylston/-Clinton/Bolton/Stow, Kathie Nickerson, 223-2025

From Marlboro, Hudson to MLO/PKO, Bob Johnson, 223-4424

MAYNARD/STOW

From Milford area, Bob Figuerido, 223-3678

From Brockton, Quincy, Stoughton, Canton, Dedham, Needham, Mary-Ellen Der- van, 223-9619

NH VANS

From Marlboro, Boxboro, to Merrimack, Mike Heaney, 264-4251

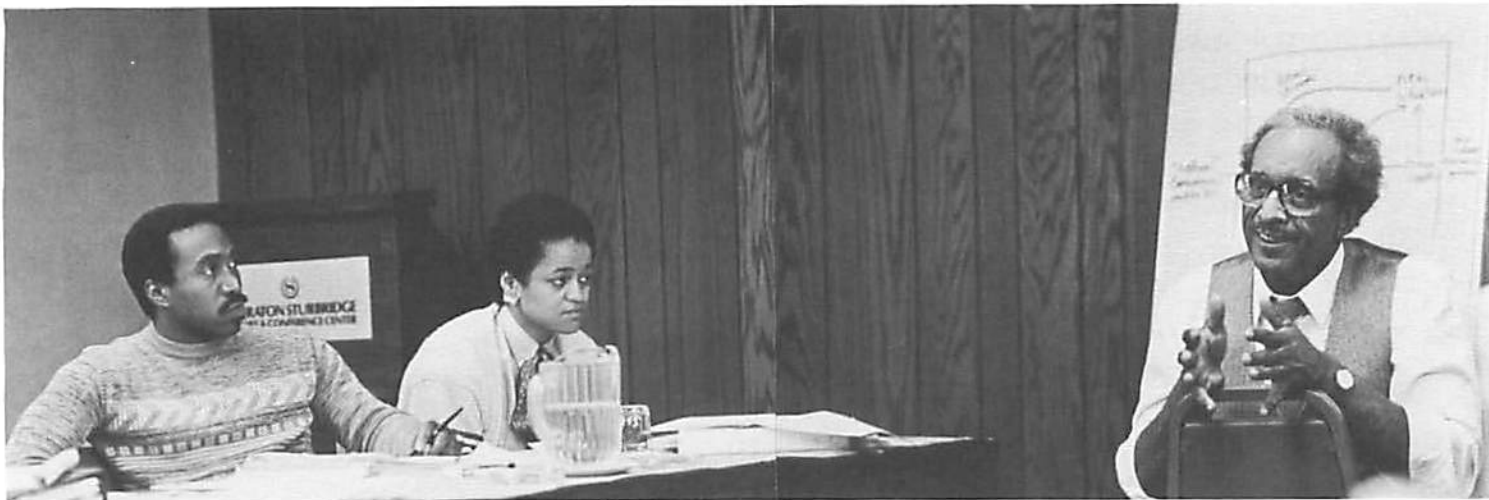
From Fitchburg, Leominster area and Littleton to Salem, NH, Steve LeBlanc, 261-2348

CARPOOLS

From Nashua, NH, Groton, MA to Parker Street, Maynard, Jane DeCarteret, 223-2942 ■

What's for lunch? Office Applications Training

Learn to simplify the creation of organization charts, easily check your spelling, quickly format your documents and use the scientific character set, all on Thursday, March 27, from 12-1 p.m. in the Mill Cafeteria. ■



Fred Deese (left) of Digital's Boston plant and moderator Audra Bohannon listen to the words of John Sims, vice president, Personnel, at a recent workshop for minority professionals. The event, put together by the Small Systems Manufacturing Multicultural Core Group, was the first efficacy workshop at Digital to include Blacks, Hispanics, Asians and Asian Indians.

Workshop helps minority professionals toward career enhancement

The Small Systems Multicultural Core Group recently held an "Efficacy Workshop" for minority professionals, operating under the assumption that each individual is responsible for the quality of his or her own life and career, and emphasizing performance and productivity as the keys to professional success.

The seminar, a six-day program for 20 participants, explored the various obstacles to good performance — those found in the external environment and those which are

internal or psychological in nature. The primary objective of the seminar was to enhance the performance of the participants by focusing on the incentives for success, and by helping participants identify and strategize around whatever obstacles may stand in the way.

John Sims, vice president, Personnel, addressed the workshop participants on the topics of professional growth and success for minorities in the Digital environment.

Members of the Small Systems Multicul-

tural Core Group expressed their appreciation of the efforts of John Sims, Fred Forsyth, Small Systems Manufacturing Group manager, and Bill Hanson, vice president of Manufacturing Operations. They also cited the guidance of Barbara Walker, manager of Corporate EEO/AA, and Joan Doolittle, Small Systems Manufacturing Organization Development consultant, as instrumental in making this workshop a reality. ■

U.S. Field creates eighth Area

The U.S. Field has implemented an organizational structure which creates an eighth Area, the South Central Area. The newest Area consists of the North Texas/Oklahoma District, the South Texas District, the eastern half of the former Rocky Mountain District and the eastern half of the former Southwest District.

With its formation, the South Central Area brings a cross-functional, senior-management team to focus more closely than ever on Digital's customers and employees in that part of the U.S.

Chick Shue, vice president, U.S. Sales, says, "The South Central Area will foster new business growth in its defined geography while enabling the three neighboring Areas, with their improved focus, to maxi-

mize sales and revenue opportunities in their geographies as well."

Adds U.S. Field Personnel manager Kevin Sullivan, "The success of our people and products have made this new Area possible. Whenever our business gets to a size where it makes sense to segment our opportunities and form more highly focused business entities, we do so. Our people understand that additional, smaller operational groups regenerate enthusiasm."

The South Central Area is headquartered in Dallas. Its management team includes: Sales, Frank Bowden; Software Services, Ed Grysiewicz; Field Service, Don Philpott; Personnel, Walt Chaffin; and Finance, Ed Panchishin. ■

DCU money management seminars in Mass., N.H.

Digital Credit Union (DCU) continues its personal money management seminars in various locations throughout Massachusetts and New Hampshire. Members interested in learning more about the credit union's products and services are encouraged to attend a seminar at or near their facility.

DCU loan officers are available for on-the-spot approval of new auto loan applications, and will accept all other loan applications as time permits. Special breakout sessions are held at 10:30 a.m. on home equity borrowing, and at 11:30 a.m. on Individual Retirement Accounts (IRAs). If members have questions on either of these programs, trained personnel will be available to answer them.

DCU money management seminars are scheduled for the following dates and locations. Future seminars will be announced as they are confirmed. All seminars are from 9 a.m. to 3 p.m. unless noted.

March 19, Littleton (LJO1), in the Eagle/Blue Heron room.

March 26, Salem, NH (N10), in the Customer Conference room, off the main lobby.

April 2, Shrewsbury (SHR), in Conference room 360, off the main lobby.

April 9, Woburn (WOO), in the Distribution Conference room. ■

New telephone adapter cables technical bulletin

Many PTT's (Posts, Telephone, and Telegraph) throughout the world use connectors on telephones and modems that are unique to their network. This technical bulletin illustrates commonly used telephone connectors that are fitted to standard cable assemblies. It includes the engineering purchase specifications, part numbers, and

configurations associated with each assembly. These cable assemblies connect Digital products to the PTT Public Switched Telephone Network (PSTN).

For a copy, contact Standards and Methods Control, LJO1/12, DTN 226-2482, JOKUR::SMC. ■